

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061730.D
 Acq On : 26 Jun 2024 11:02
 Operator : MA/JU
 Sample : P2873-03DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0SG7DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG061730.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.759	243	250	258	rVV	274935	438701	21.55%	1.805%
2	5.564	383	387	395	rVB	21948	33434	1.64%	0.138%
3	5.699	405	410	420	rVB3	27738	58702	2.88%	0.241%
4	6.063	464	472	478	rBV5	17994	41085	2.02%	0.169%
5	7.150	652	657	662	rBV2	14405	22967	1.13%	0.094%
6	7.209	662	667	674	rVB2	40904	66656	3.27%	0.274%
7	7.285	676	680	685	rBV3	19721	32948	1.62%	0.136%
8	7.391	693	698	705	rBV4	21499	37052	1.82%	0.152%
9	7.591	727	732	739	rVB5	20984	36994	1.82%	0.152%
10	7.714	748	753	764	rVB2	97157	186705	9.17%	0.768%
11	7.808	764	769	774	rBV3	20949	31985	1.57%	0.132%
12	8.072	806	814	820	rBV	202707	343322	16.87%	1.412%
13	8.184	827	833	838	rBV	20919	32433	1.59%	0.133%
14	8.255	840	845	852	rVB5	14183	24190	1.19%	0.100%
15	8.607	899	905	912	rVB	77379	134640	6.61%	0.554%
16	8.760	927	931	938	rVB3	16623	30290	1.49%	0.125%
17	9.171	995	1001	1007	rVV6	14533	28070	1.38%	0.115%
18	9.230	1007	1011	1019	rVV2	28952	54416	2.67%	0.224%
19	9.342	1025	1030	1037	rVB4	23341	48234	2.37%	0.198%
20	9.765	1097	1102	1107	rVB5	16355	29243	1.44%	0.120%
21	9.841	1109	1115	1121	rBV5	18102	30927	1.52%	0.127%
22	9.959	1129	1135	1141	rVB5	22217	44973	2.21%	0.185%
23	10.305	1184	1194	1200	rBV5	50048	139914	6.87%	0.576%
24	10.382	1200	1207	1211	rBV4	40102	87725	4.31%	0.361%
25	10.493	1221	1226	1233	rBV3	31925	56984	2.80%	0.234%
26	10.581	1236	1241	1245	rBV6	13064	22826	1.12%	0.094%
27	10.887	1282	1293	1296	rBV	325309	615906	30.26%	2.534%
28	10.934	1296	1301	1309	rVB	1119229	2035666	100.00%	8.374%
29	11.022	1309	1316	1319	rBV6	18575	43319	2.13%	0.178%
30	12.179	1509	1513	1520	rVB8	12543	25563	1.26%	0.105%
31	12.432	1551	1556	1563	rVB3	15526	29601	1.45%	0.122%
32	12.532	1567	1573	1580	rVB	717319	1203003	59.10%	4.949%
33	12.644	1587	1592	1597	rVB3	11586	22967	1.13%	0.094%
34	12.749	1600	1610	1618	rVB	437145	754020	37.04%	3.102%
35	13.537	1737	1744	1751	rVB	103852	172333	8.47%	0.709%
36	13.672	1763	1767	1771	rBV7	14382	26144	1.28%	0.108%

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Integrator: RTE

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37	13.731	1774	1777	1788	rVB2	36387	86784	4.26%	0.357%
38	13.866	1793	1800	1808	rBV5	123172	314008	15.43%	1.292%
39	13.936	1808	1812	1818	rVB3	24686	34114	1.68%	0.140%
40	14.018	1818	1826	1831	rBV2	188002	359370	17.65%	1.478%
41	14.077	1831	1836	1838	rBV	99699	151226	7.43%	0.622%
42	14.154	1844	1849	1856	rVB	134286	208533	10.24%	0.858%
43	14.253	1861	1866	1870	rBV	96047	150754	7.41%	0.620%
44	14.424	1884	1895	1901	rBV2	396909	783037	38.47%	3.221%
45	14.700	1932	1942	1947	rBV	605792	1012430	49.73%	4.165%
46	14.765	1948	1953	1962	rVB2	47181	106397	5.23%	0.438%
47	15.094	2005	2009	2015	rVV3	67121	107511	5.28%	0.442%
48	15.170	2018	2022	2026	rVB2	44385	63640	3.13%	0.262%
49	15.293	2037	2043	2050	rBV4	64977	156224	7.67%	0.643%
50	15.364	2052	2055	2059	rVB3	28853	40330	1.98%	0.166%
51	15.458	2065	2071	2073	rBV3	32085	52856	2.60%	0.217%
52	15.564	2086	2089	2095	rVB	78273	114032	5.60%	0.469%
53	15.687	2105	2110	2115	rVV	169292	270032	13.27%	1.111%
54	15.746	2115	2120	2132	rVB2	284849	532790	26.17%	2.192%
55	15.863	2135	2140	2144	rBV7	21511	38455	1.89%	0.158%
56	15.951	2150	2155	2159	rBV4	34248	60667	2.98%	0.250%
57	16.040	2164	2170	2173	rBV7	24850	47503	2.33%	0.195%
58	16.157	2185	2190	2203	rBV2	106994	215782	10.60%	0.888%
59	16.416	2226	2234	2240	rBV8	36185	93375	4.59%	0.384%
60	16.745	2282	2290	2294	rBV5	74047	170617	8.38%	0.702%
61	16.798	2294	2299	2305	rVB2	49029	82841	4.07%	0.341%
62	16.897	2311	2316	2322	rVB2	46373	75163	3.69%	0.309%
63	17.103	2347	2351	2356	rVB3	32542	49049	2.41%	0.202%
64	17.256	2372	2377	2383	rVB	120691	202630	9.95%	0.834%
65	17.444	2402	2409	2412	rBV	756942	1186702	58.30%	4.882%
66	17.485	2412	2416	2421	rVV	1224454	1743865	85.67%	7.174%
67	17.544	2421	2426	2428	rVV	119397	197992	9.73%	0.814%
68	17.573	2428	2431	2437	rVV	284802	406287	19.96%	1.671%
69	17.626	2437	2440	2446	rVB7	24980	43781	2.15%	0.180%
70	17.932	2489	2492	2494	rBV3	22737	24993	1.23%	0.103%
71	17.961	2494	2497	2502	rVV2	33861	43694	2.15%	0.180%
72	18.020	2503	2507	2513	rVV2	64088	89210	4.38%	0.367%
73	18.167	2525	2532	2540	rVB3	50742	98244	4.83%	0.404%
74	18.319	2552	2558	2562	rBV	234836	366538	18.01%	1.508%
75	18.366	2562	2566	2571	rVB	257330	367762	18.07%	1.513%
76	18.449	2575	2580	2584	rVV	95556	142370	6.99%	0.586%

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77	18.513	2584	2591	2594	rVV2	293036	543855	26.72%	2.237%
78	18.543	2594	2596	2602	rVB	150396	199368	9.79%	0.820%
79	18.625	2607	2610	2613	rBV4	21132	22612	1.11%	0.093%
80	18.713	2621	2625	2627	rVB5	19580	25542	1.25%	0.105%
81	18.813	2637	2642	2646	rBV	117984	167889	8.25%	0.691%
82	19.060	2680	2684	2687	rVV5	38032	45027	2.21%	0.185%
83	19.107	2689	2692	2695	rVB3	29537	37236	1.83%	0.153%
84	19.142	2695	2698	2703	rVB3	32715	44627	2.19%	0.184%
85	19.224	2707	2712	2717	rBV2	118287	197339	9.69%	0.812%
86	19.353	2732	2734	2736	rBV3	27046	29756	1.46%	0.122%
87	19.489	2751	2757	2763	rBV	469448	679947	33.40%	2.797%
88	19.583	2771	2773	2777	rVB5	25171	26154	1.28%	0.108%
89	19.635	2778	2782	2787	rVB	179023	243116	11.94%	1.000%
90	19.847	2815	2818	2827	rVB	561220	798388	39.22%	3.284%
91	20.176	2869	2874	2879	rBV3	52161	110411	5.42%	0.454%
92	20.335	2898	2901	2909	rVB2	157075	236576	11.62%	0.973%
93	20.434	2915	2918	2925	rVB2	110565	146113	7.18%	0.601%
94	20.493	2925	2928	2933	rBV2	80631	101067	4.96%	0.416%
95	20.640	2949	2953	2955	rBV2	54098	74661	3.67%	0.307%
96	20.681	2957	2960	2966	rVB	92452	141630	6.96%	0.583%
97	21.328	3067	3070	3073	rBV2	50450	59479	2.92%	0.245%
98	21.704	3125	3134	3139	rBV2	764095	1638032	80.47%	6.738%
99	21.751	3140	3142	3149	rVB	183173	259569	12.75%	1.068%
100	24.929	3675	3683	3694	rBV2	413660	1165495	57.25%	4.794%

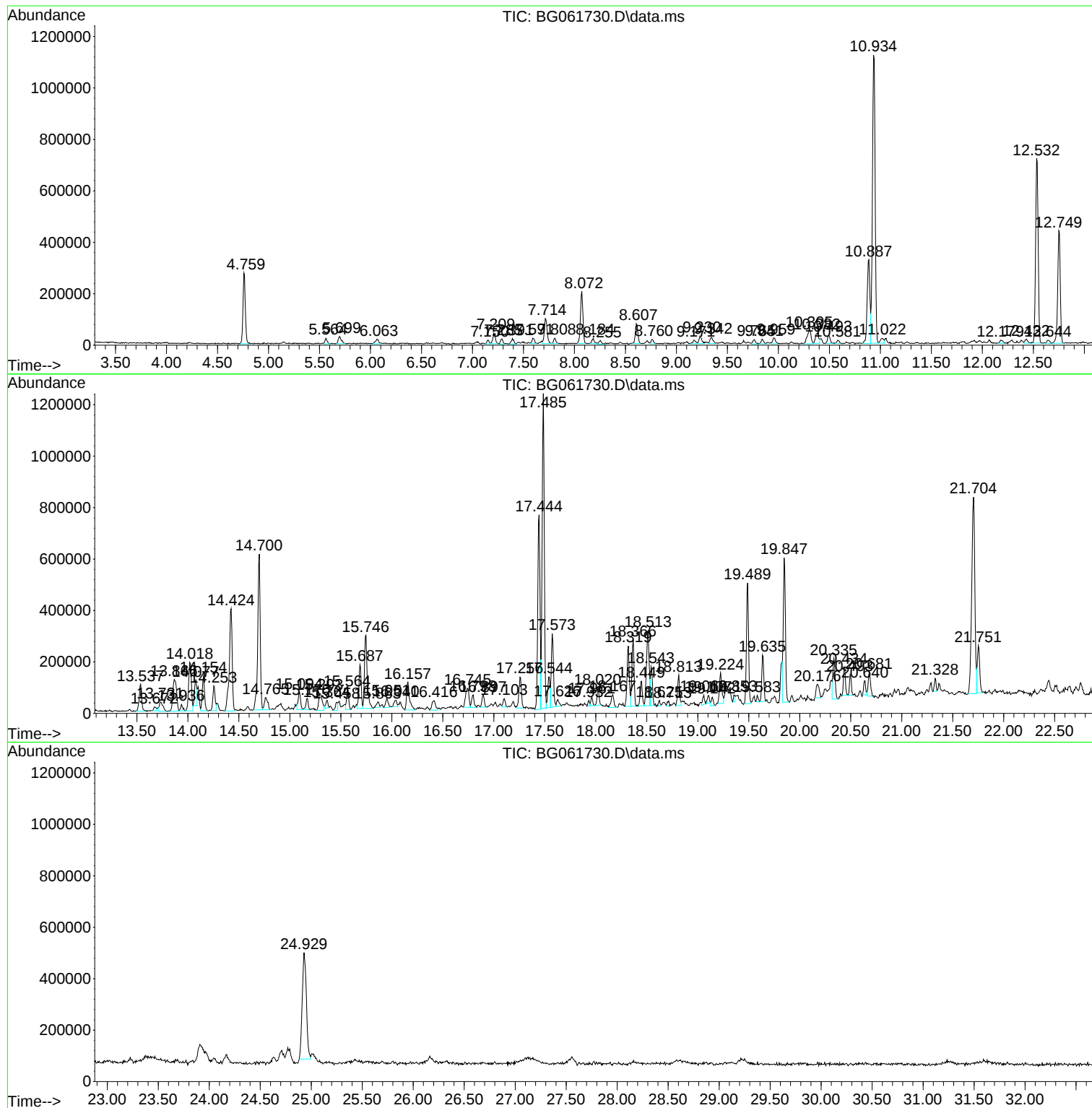
Sum of corrected areas: 24309415

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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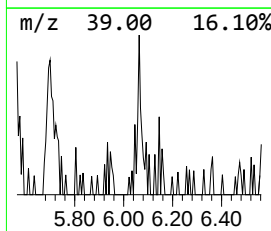
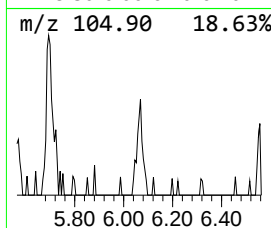
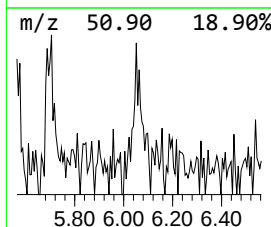
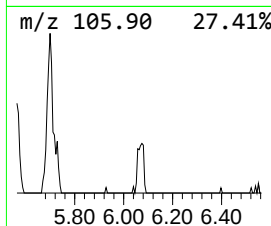
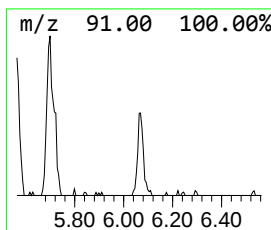
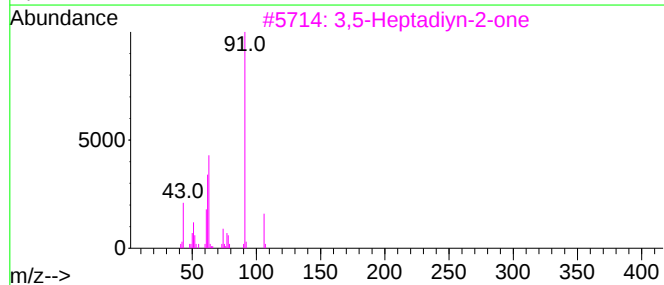
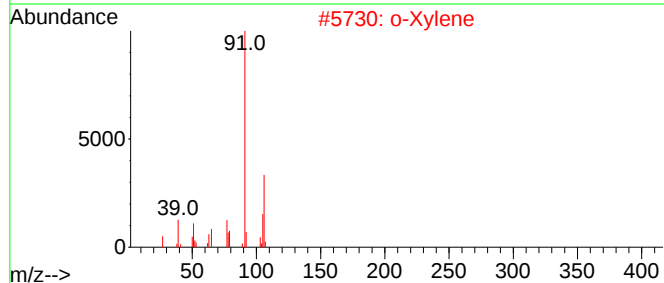
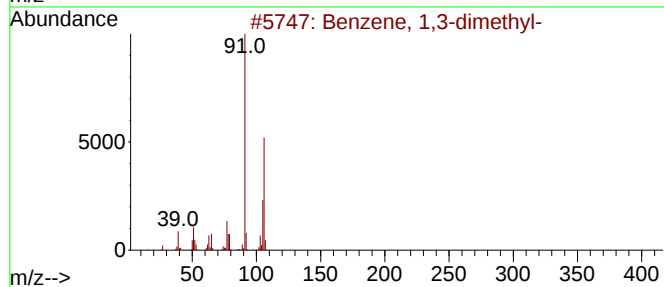
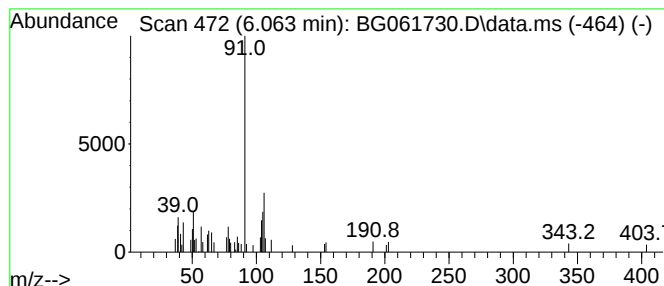
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	2.39 ng/ul	41085	1,4-Dichlorobenzene-d4	8.072

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	38
2			o-Xylene	106	C8H10	000095-47-6	38
3			3,5-Heptadiyn-2-one	106	C7H6O	013879-71-5	35
4			Ethylbenzene	106	C8H10	000100-41-4	35
5			Ethylbenzene	106	C8H10	000100-41-4	35



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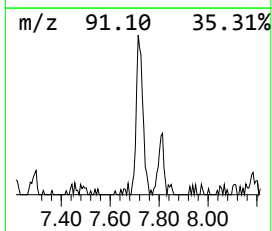
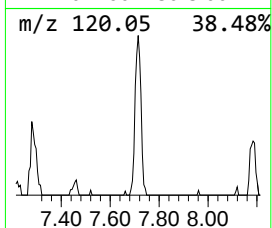
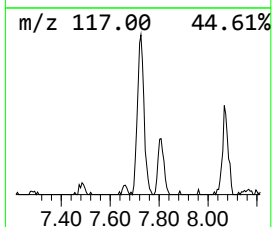
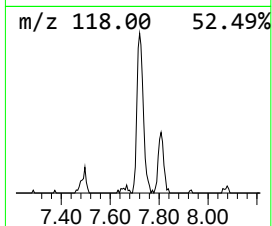
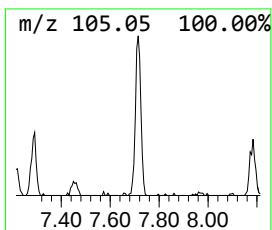
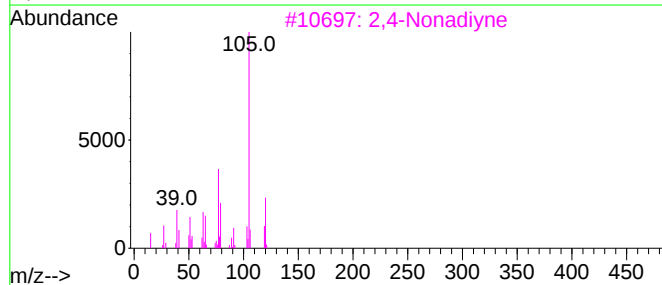
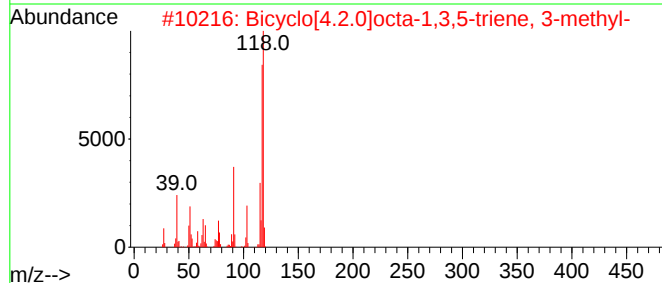
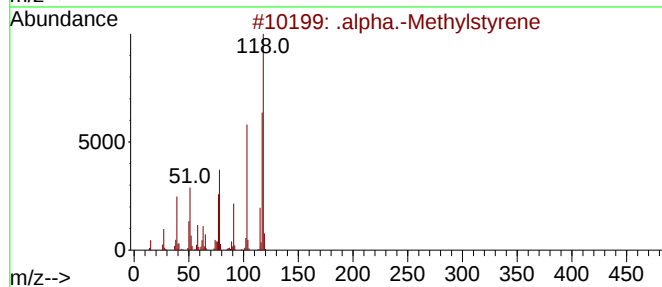
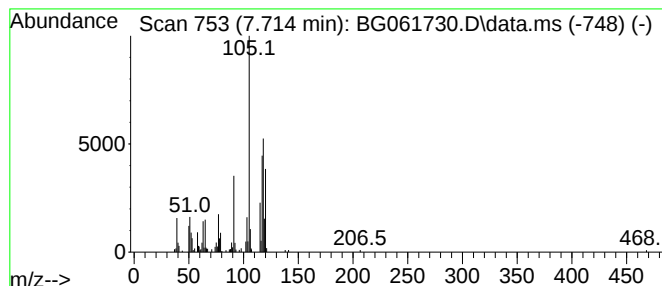
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.714	10.88 ng/ul	186705	1,4-Dichlorobenzene-d4	8.072

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	alpha.-Methylstyrene	118	C9H10	000098-83-9	46	
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	43		
3	2,4-Nonadiyne	120	C9H12	063621-15-8	42		
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	41		
5	.	alpha.-Methylstyrene	118	C9H10	000098-83-9	38	



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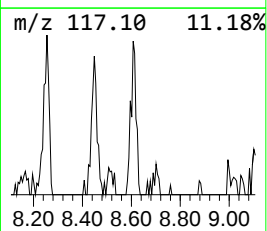
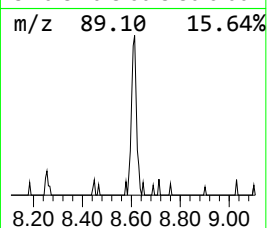
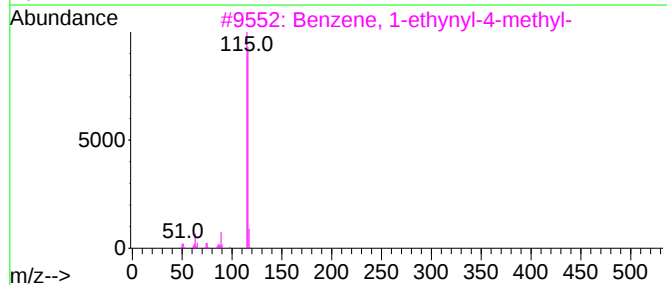
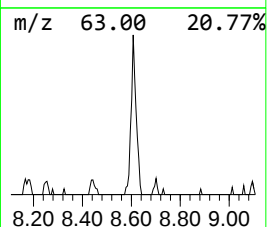
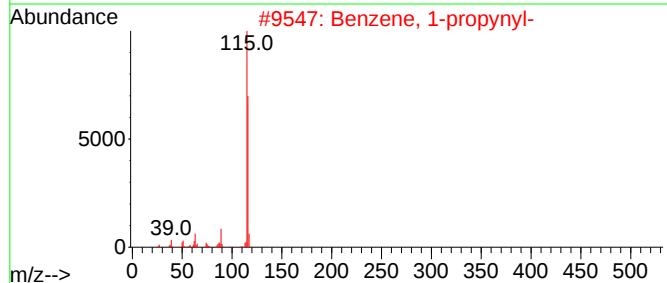
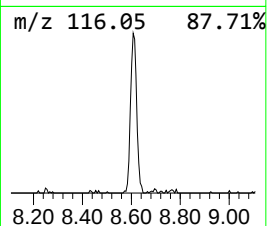
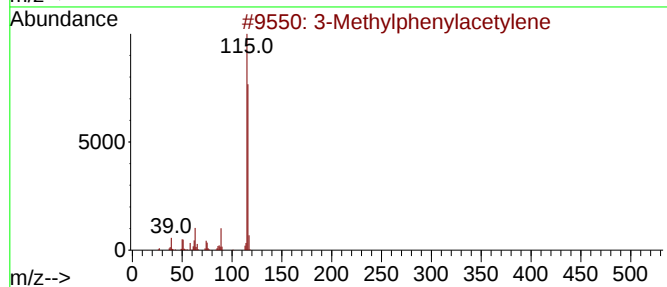
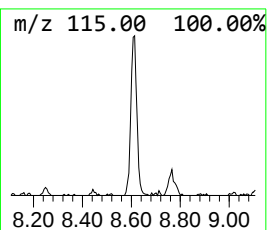
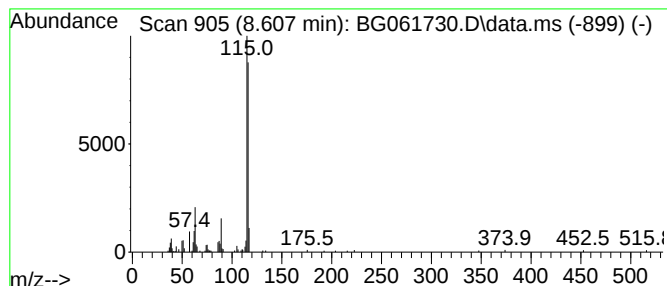
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Methylphenylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.607	7.84 ng/ul	134640	1,4-Dichlorobenzene-d4	8.072

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5			1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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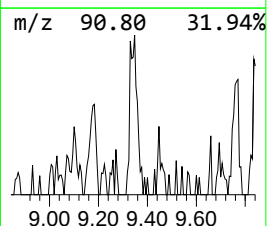
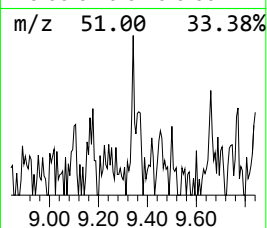
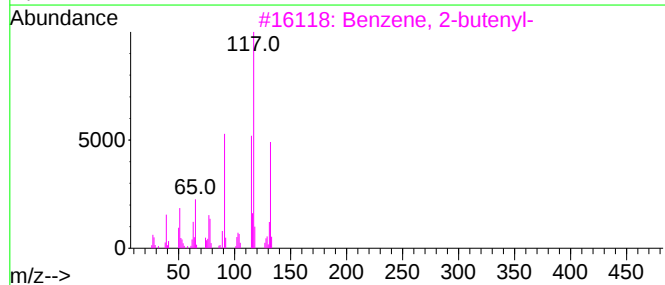
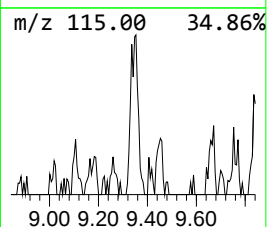
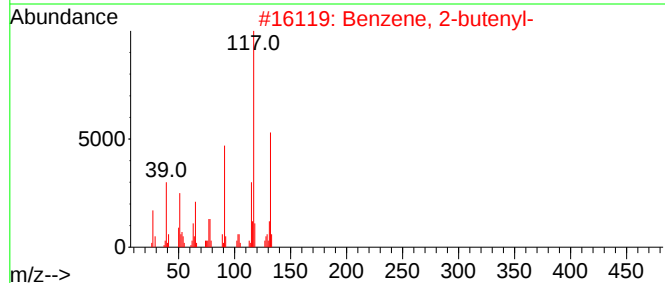
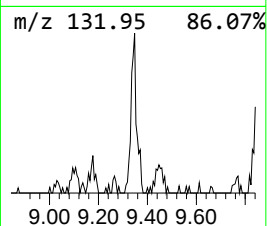
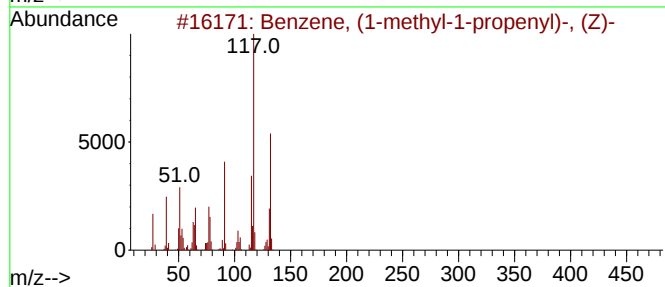
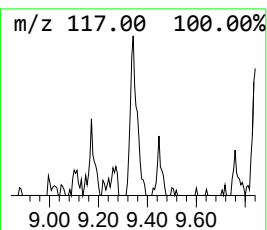
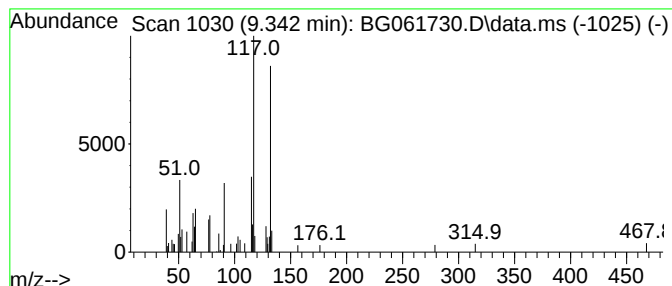
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, (1-methyl-1-propen... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.342	2.81 ng/ul	48234	1,4-Dichlorobenzene-d4	8.072

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	93
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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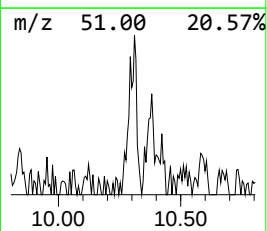
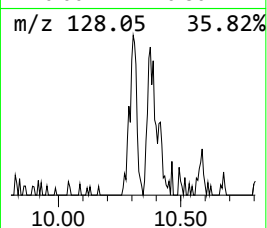
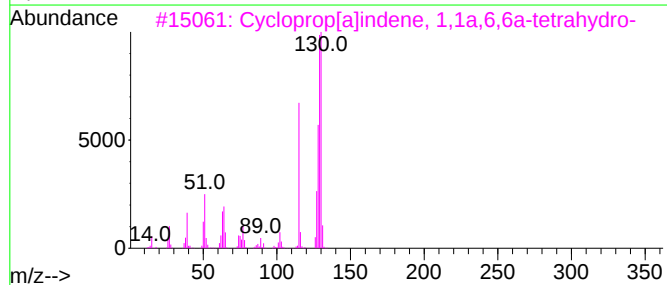
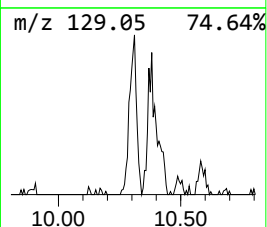
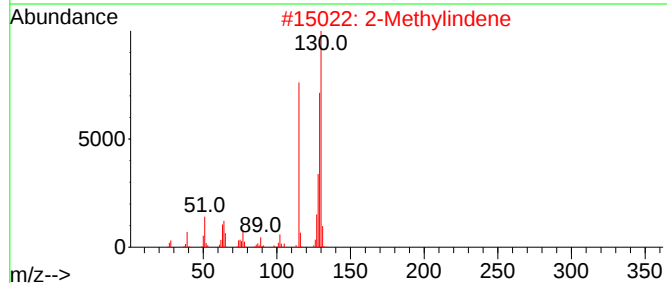
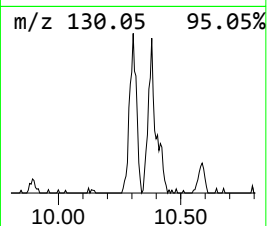
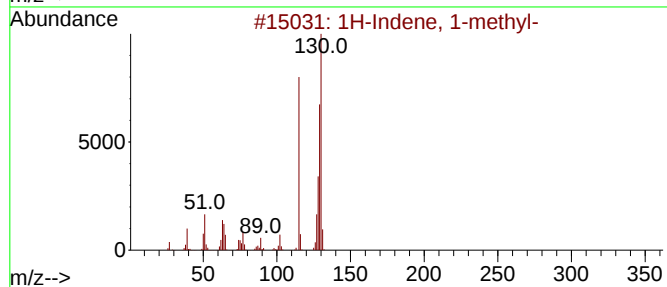
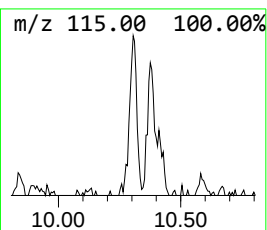
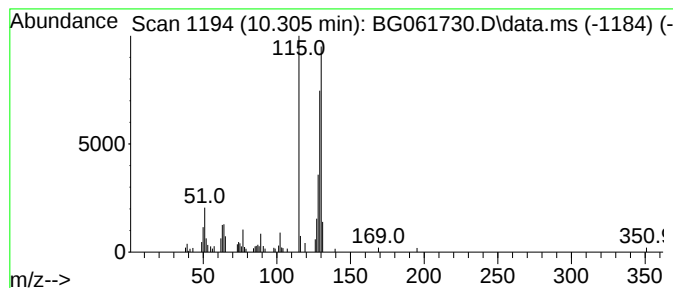
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.305	4.54 ng/ul	139914	Naphthalene-d8	10.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2			2-Methylindene	130	C10H10	002177-47-1	95
3			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5			Benzene, 1-butynyl-	130	C10H10	000622-76-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
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Instrument :
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ClientSampleId :
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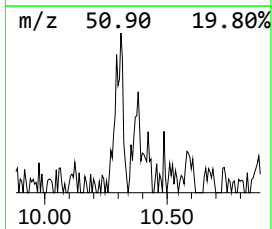
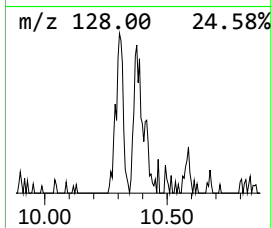
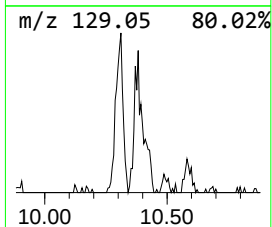
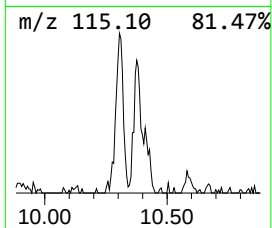
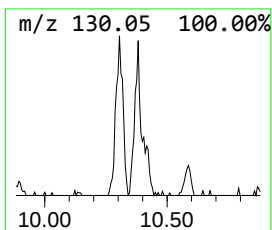
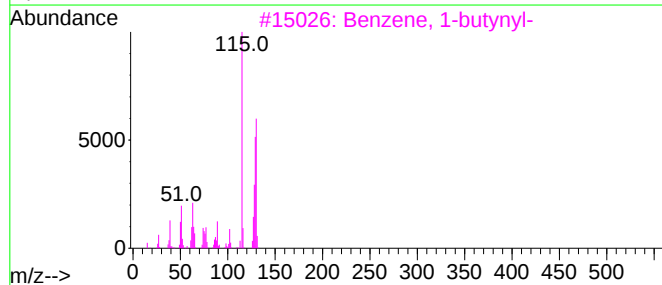
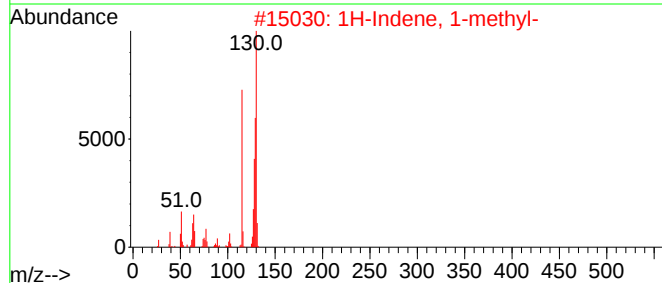
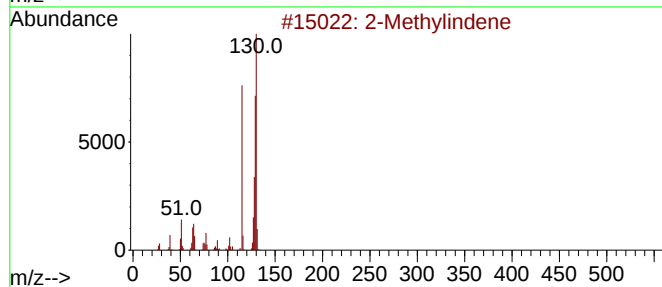
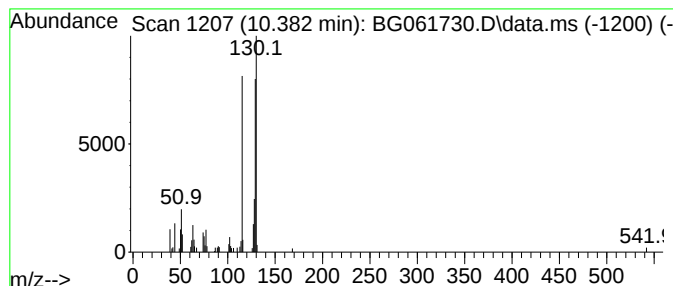
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-Methylindene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.382	2.85 ng/ul	87725	Naphthalene-d8	10.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	87
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	83
3			Benzene, 1-butynyl-	130	C10H10	000622-76-4	83
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	83
5			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
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Instrument :
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ClientSampleId :
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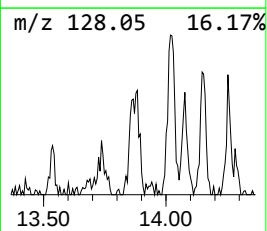
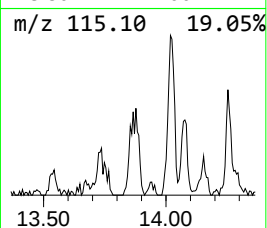
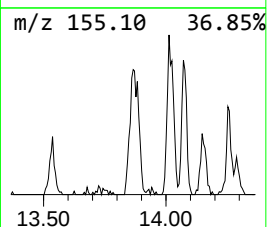
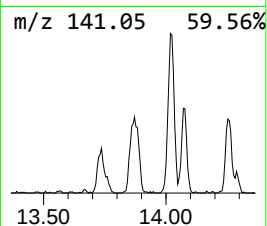
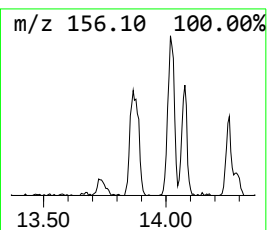
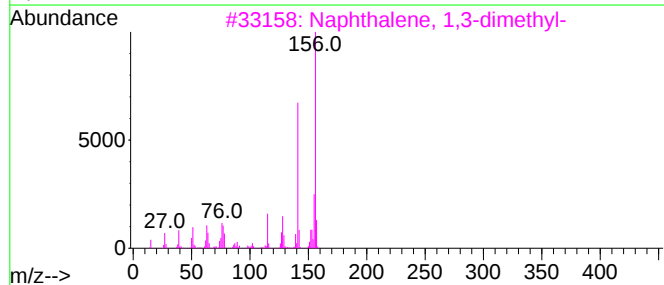
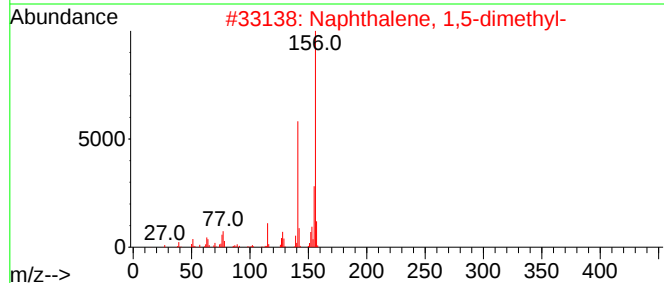
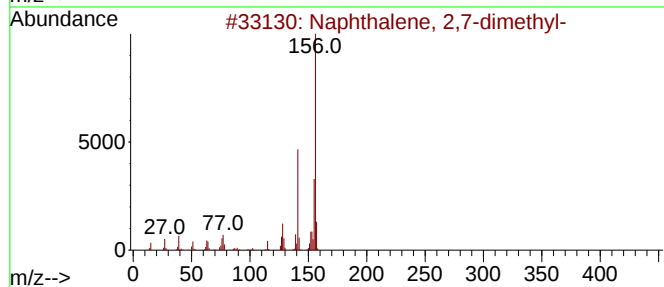
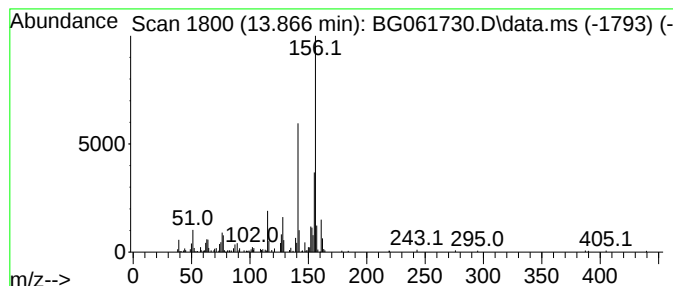
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.866	6.20 ng/ul	314008	Acenaphthene-d10	14.700

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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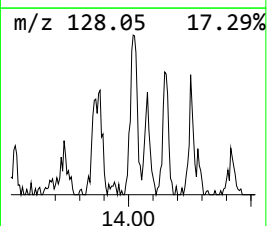
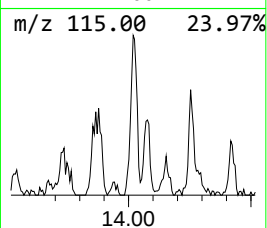
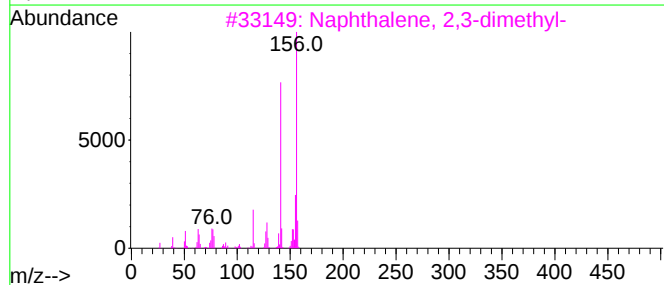
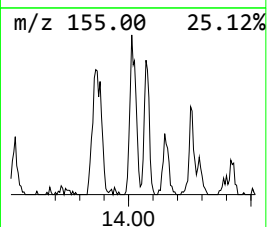
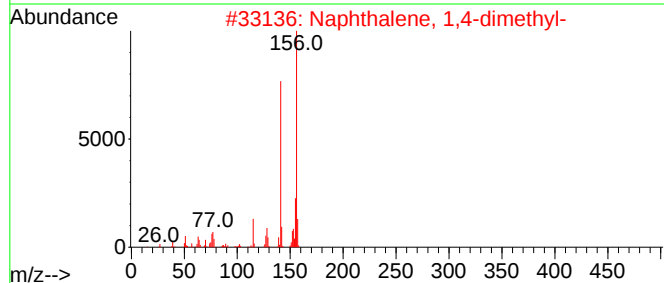
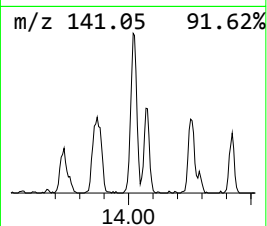
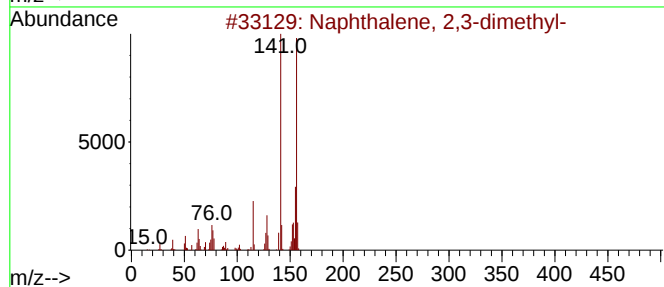
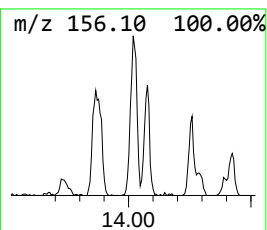
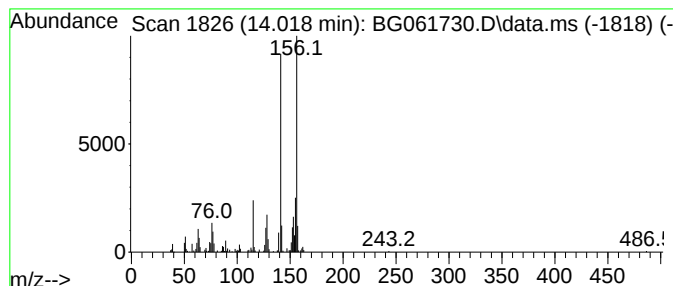
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.019	7.10 ng/ul	359370	Acenaphthene-d10	14.700

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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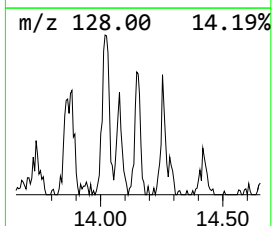
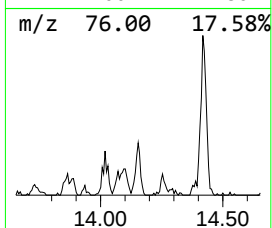
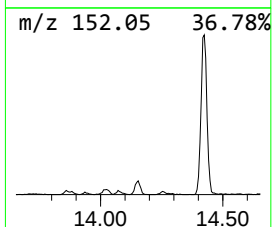
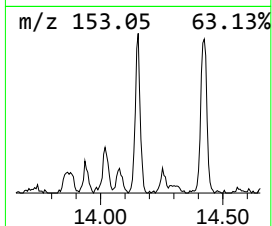
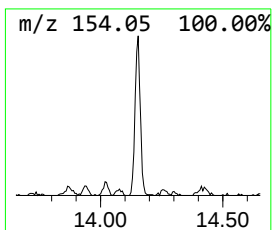
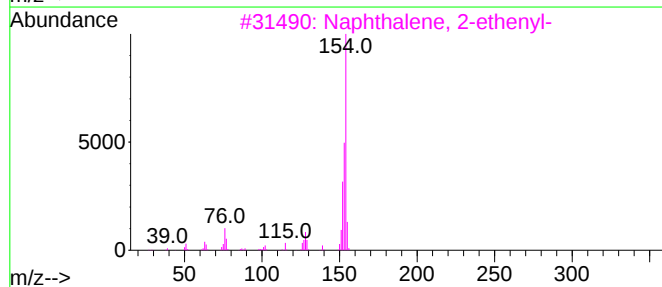
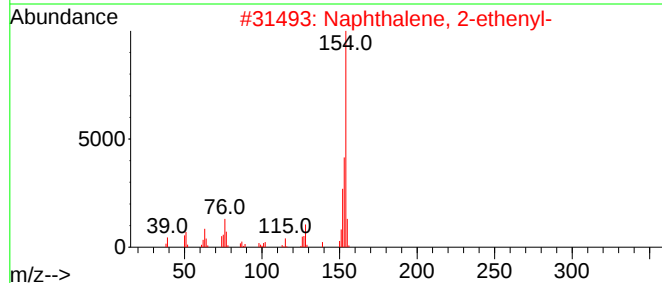
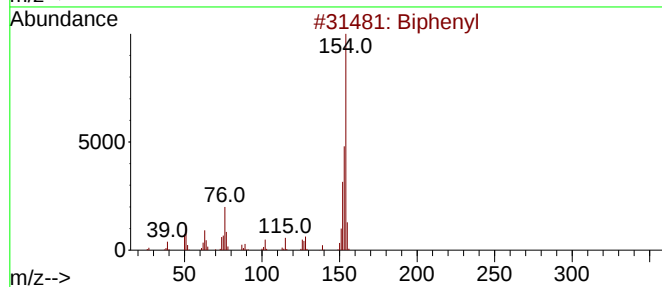
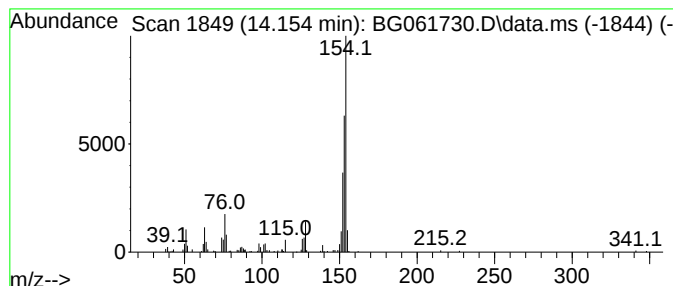
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-ethenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.154	4.12 ng/ul	208533	Acenaphthene-d10	14.700

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	94
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	90
4			Acenaphthene	154	C12H10	000083-32-9	81
5			Acenaphthene	154	C12H10	000083-32-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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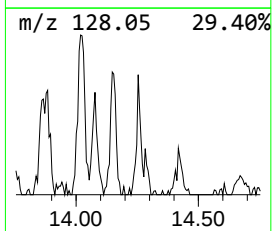
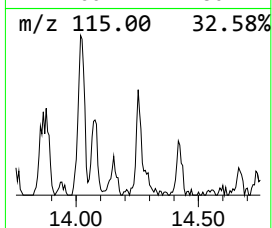
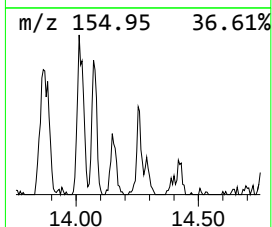
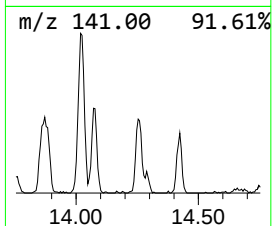
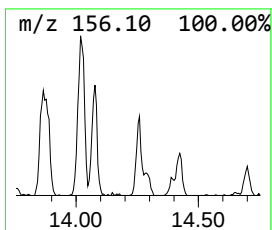
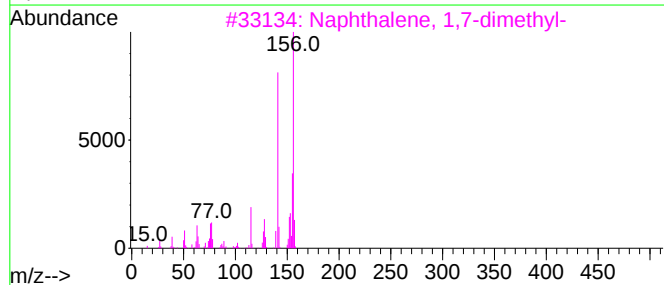
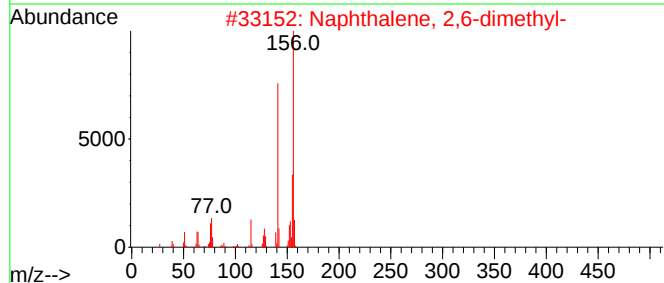
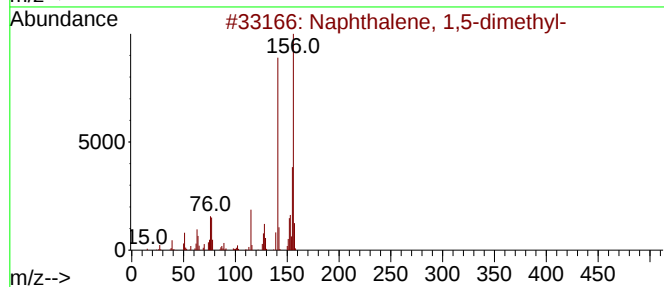
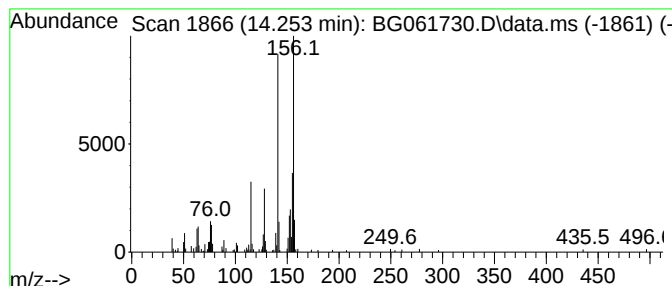
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.254	2.98 ng/ul	150754	Acenaphthene-d10	14.700

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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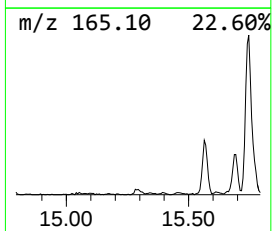
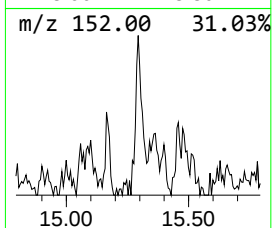
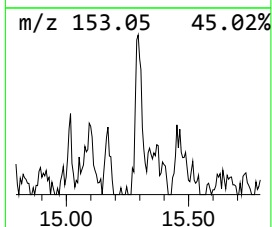
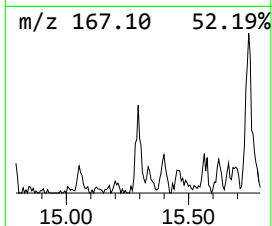
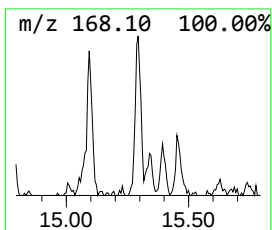
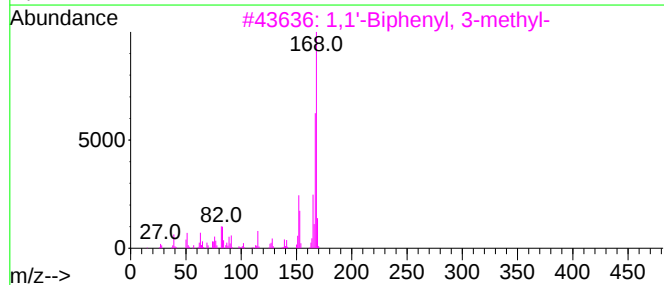
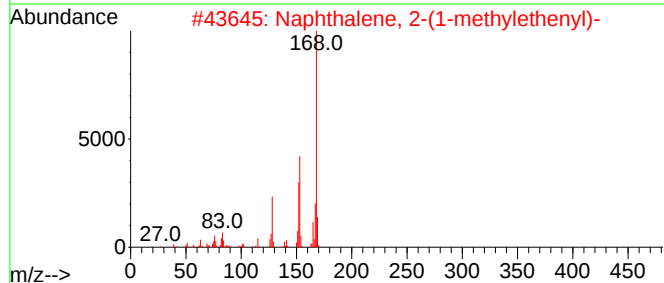
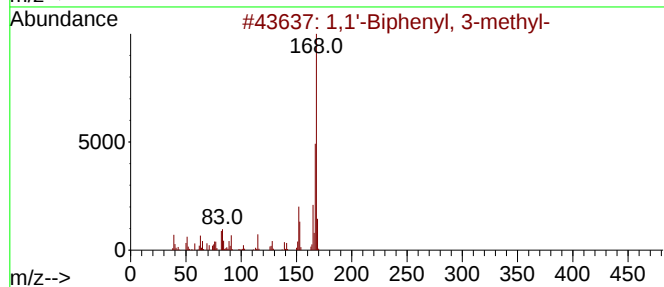
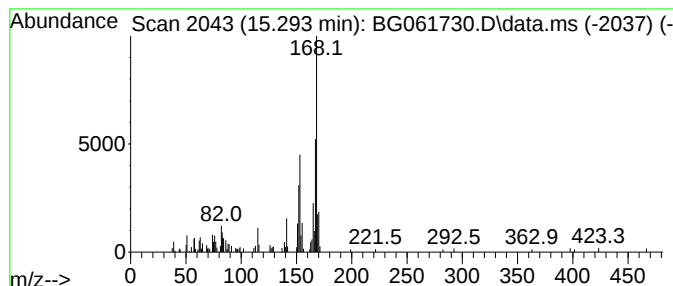
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1,1'-Biphenyl, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.293	3.09 ng/ul	156224	Acenaphthene-d10	14.700

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-			168	C13H12	000643-93-6	68
2	Naphthalene, 2-(1-methylethenyl)-			168	C13H12	003710-23-4	68
3	1,1'-Biphenyl, 3-methyl-			168	C13H12	000643-93-6	64
4	1,1'-Biphenyl, 4-methyl-			168	C13H12	000644-08-6	64
5	1,1'-Biphenyl, 3-methyl-			168	C13H12	000643-93-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

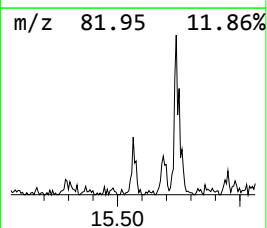
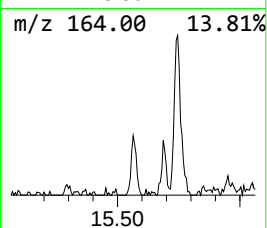
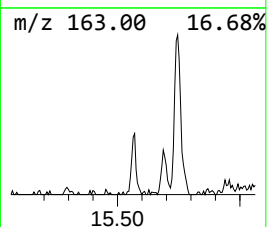
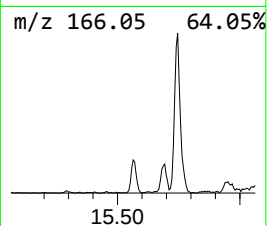
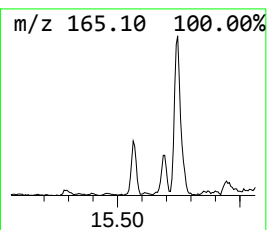
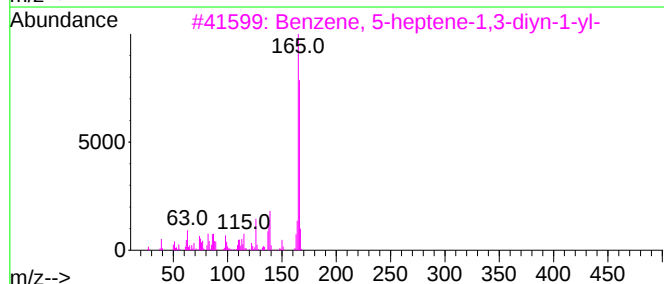
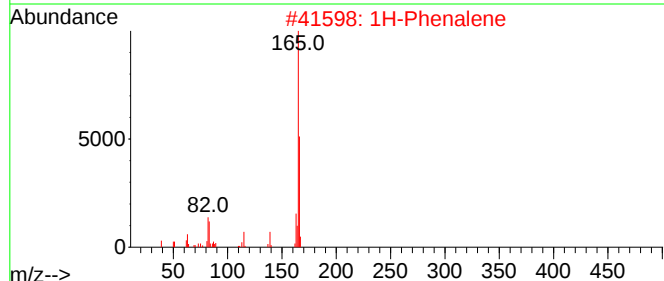
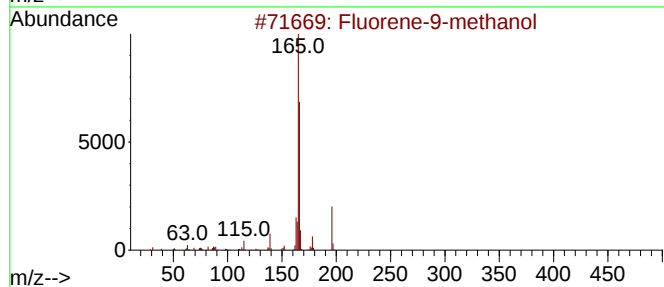
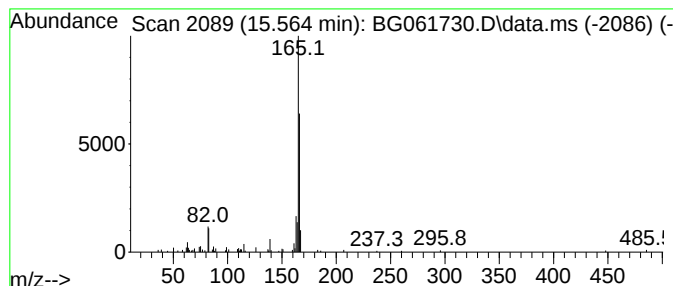
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Fluorene-9-methanol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.564	2.25 ng/ul	114032	Acenaphthene-d10		14.700	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Fluorene-9-methanol		196	C14H12O	024324-17-2	72
2	1H-Phenylene		166	C13H10	000203-80-5	72
3	Benzene, 5-heptene-1,3-diyn-1-yl-		166	C13H10	013678-98-3	64
4	Fluorene-9-methanol		196	C14H12O	024324-17-2	64
5	Fluorene-9-methanol		196	C14H12O	024324-17-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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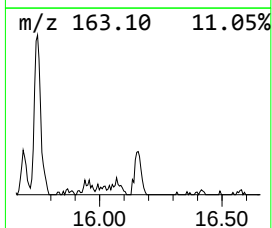
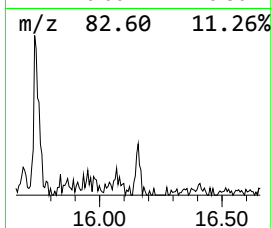
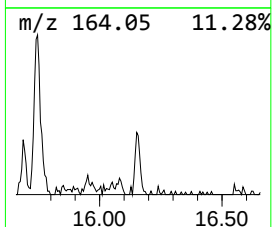
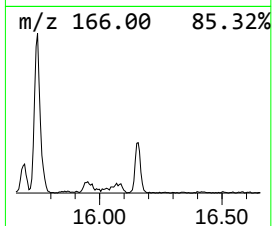
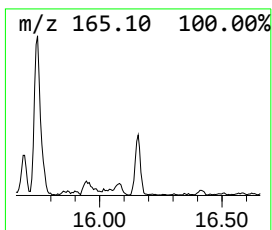
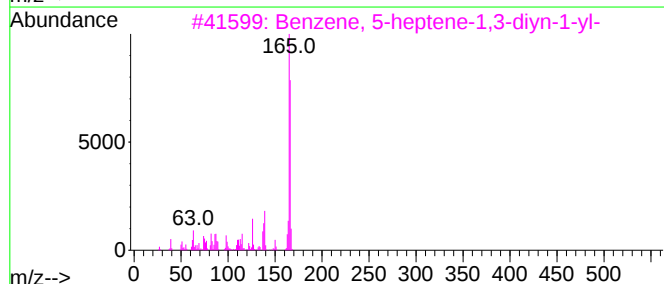
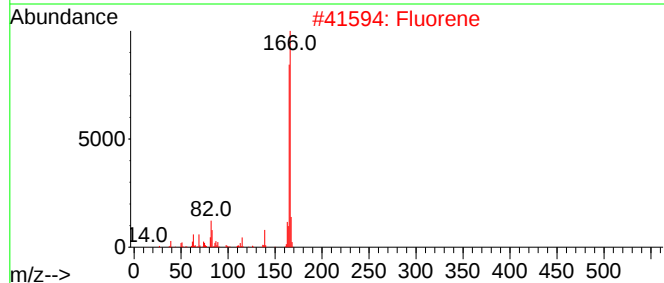
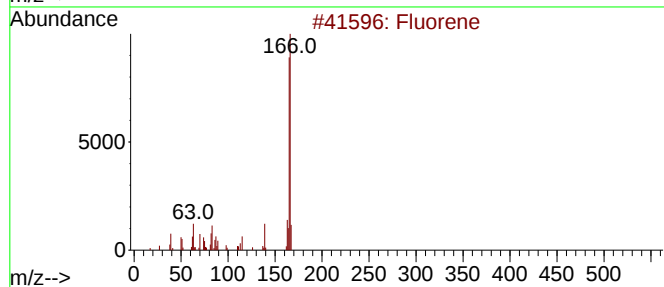
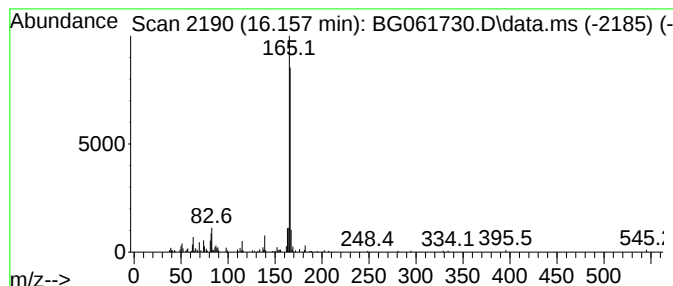
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 5-heptene-1,3-diyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.157	3.64 ng/ul	215782	Phenanthrene-d10	17.438

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorene	166	C13H10	000086-73-7	91
2			Fluorene	166	C13H10	000086-73-7	83
3			Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	80
4			Fluorene-9-methanol	196	C14H12O	024324-17-2	72
5			Fluorene	166	C13H10	000086-73-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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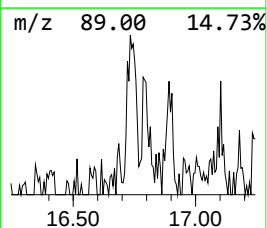
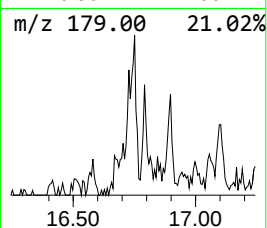
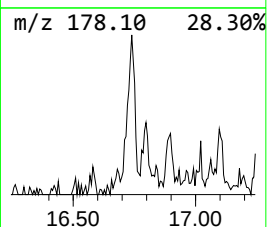
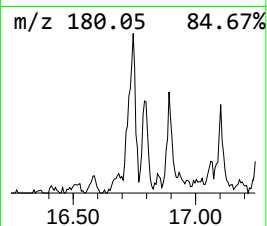
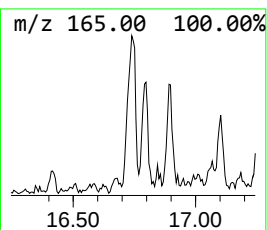
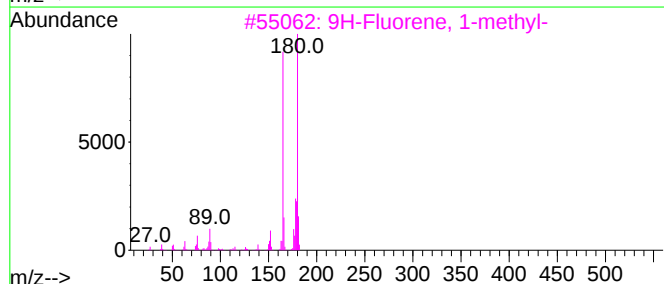
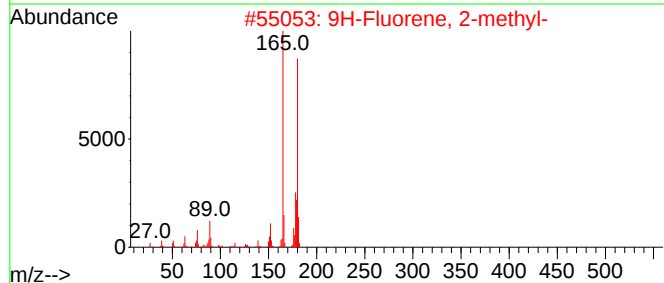
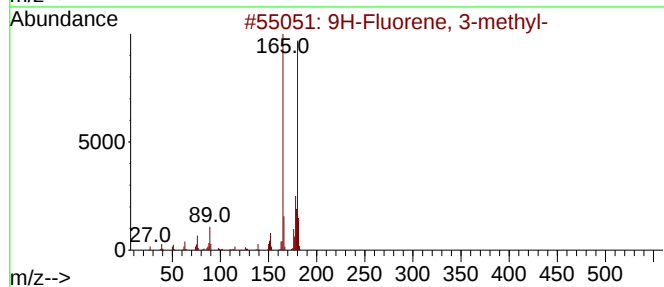
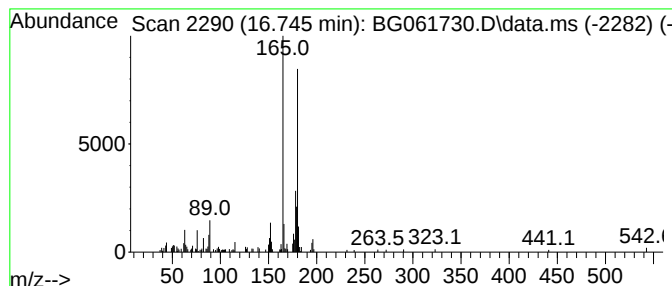
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9H-Fluorene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.745	2.88 ng/ul	170617	Phenanthrene-d10	17.438

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96	
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95	
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95	
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91	
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
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Misc :
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ClientSampleId :
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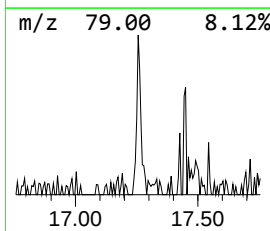
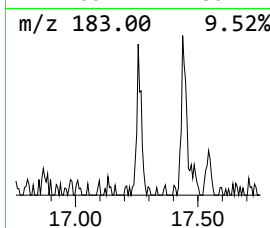
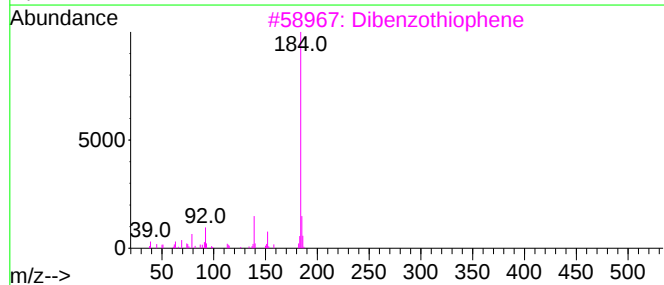
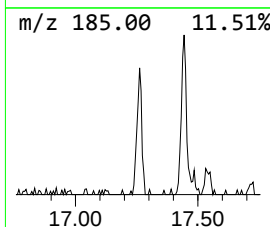
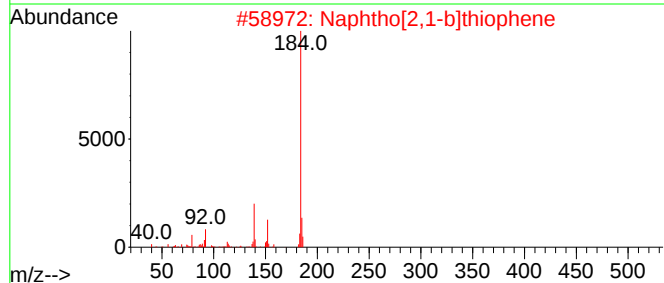
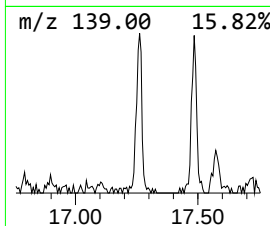
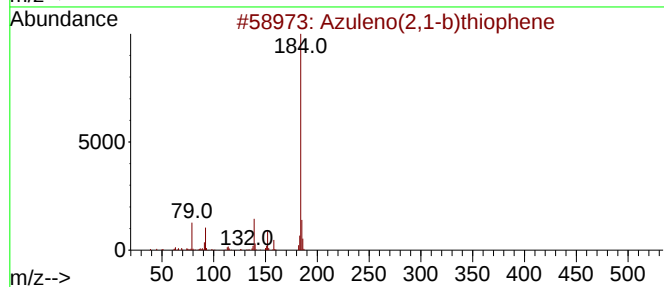
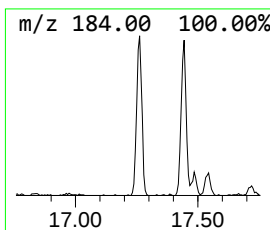
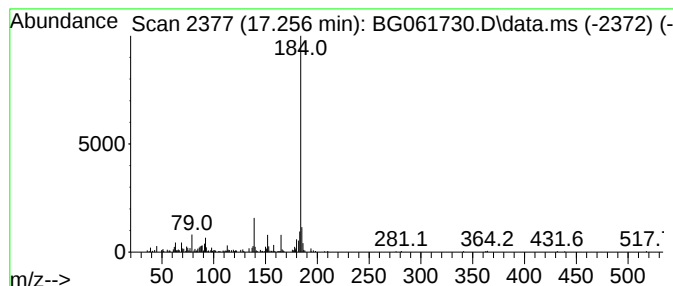
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Azuleno(2,1-b)thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.256	3.42 ng/ul	202630	Phenanthrene-d10	17.438

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
3			Dibenzothiophene	184	C12H8S	000132-65-0	87
4			Dibenzothiophene	184	C12H8S	000132-65-0	87
5			Dibenzothiophene	184	C12H8S	000132-65-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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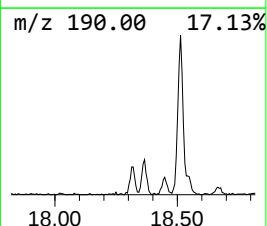
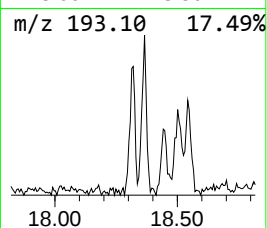
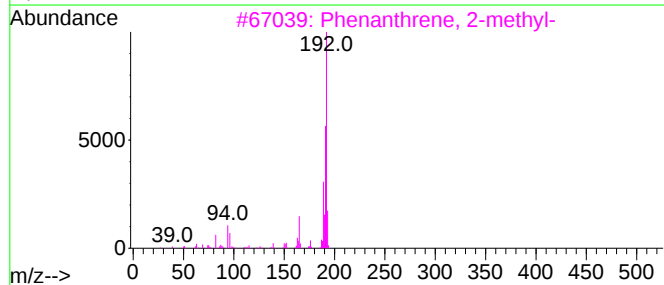
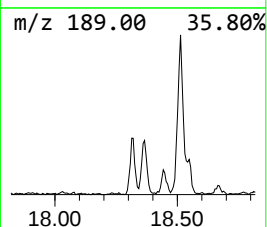
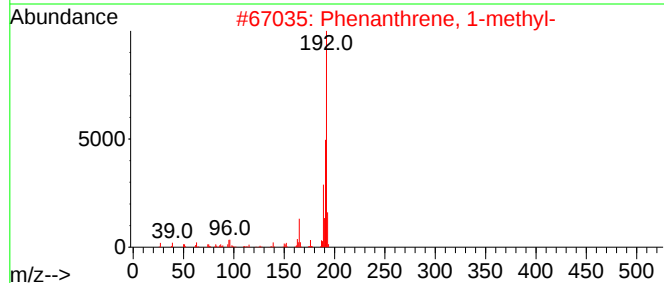
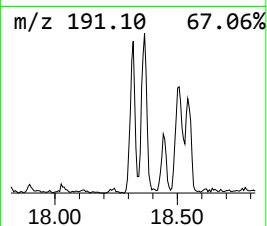
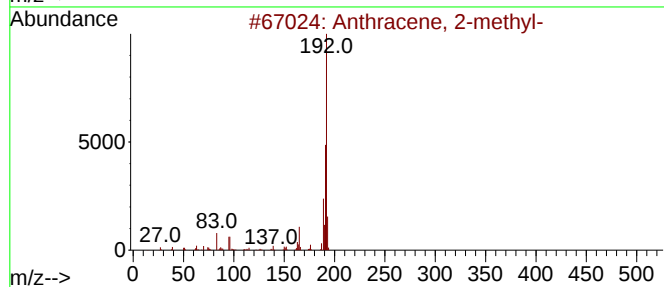
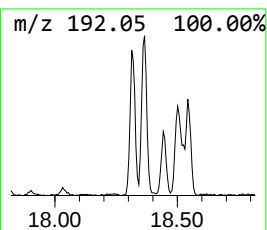
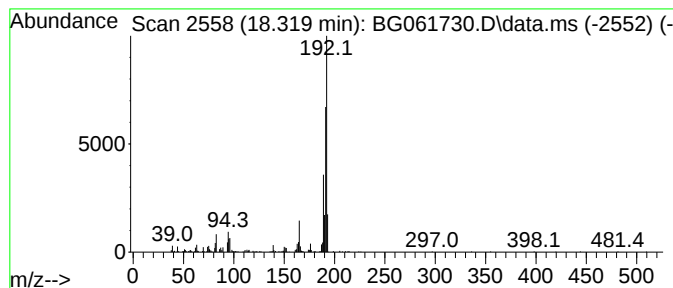
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.319	6.18 ng/ul	366538	Phenanthrene-d10	17.438

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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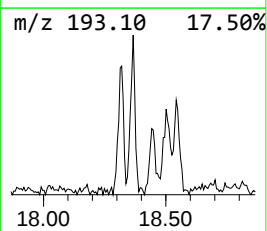
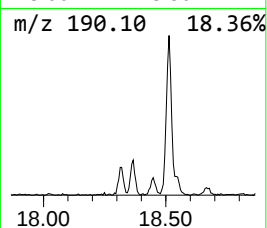
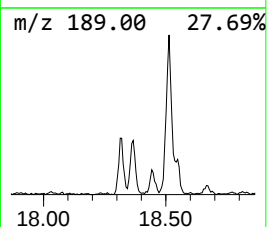
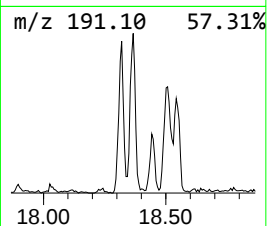
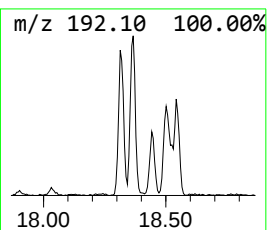
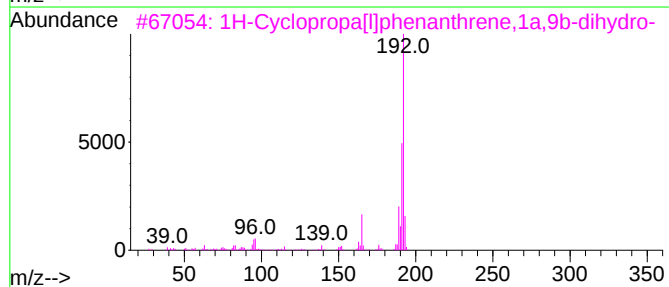
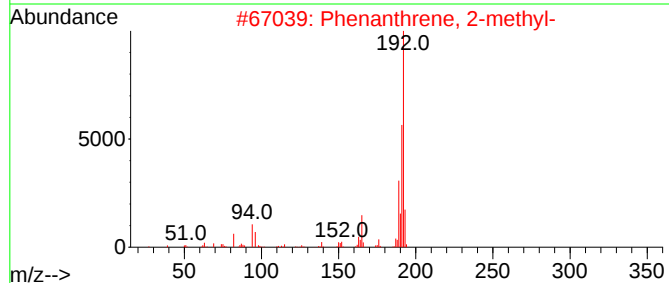
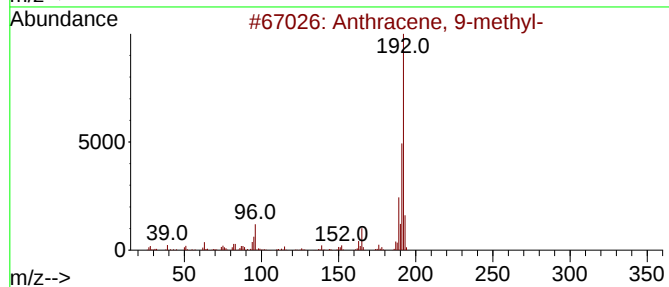
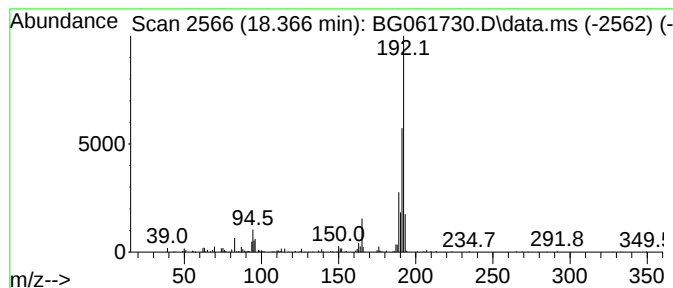
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.366	6.20 ng/ul	367762	Phenanthrene-d10	17.438

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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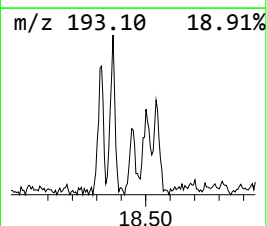
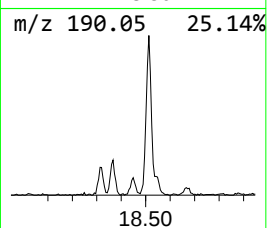
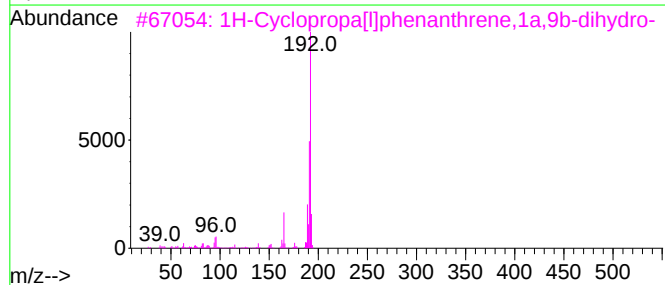
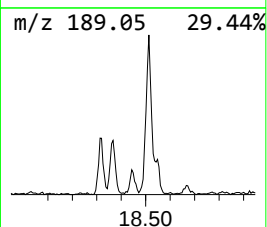
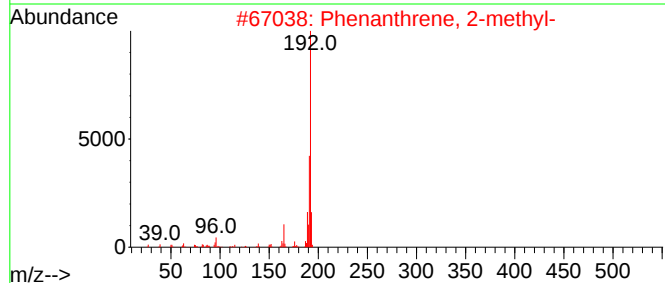
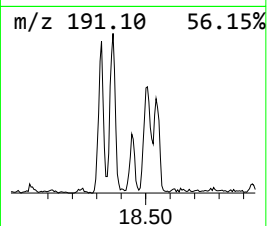
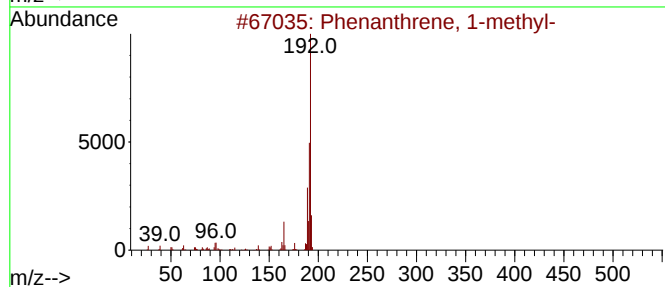
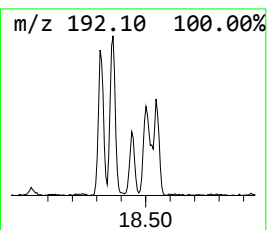
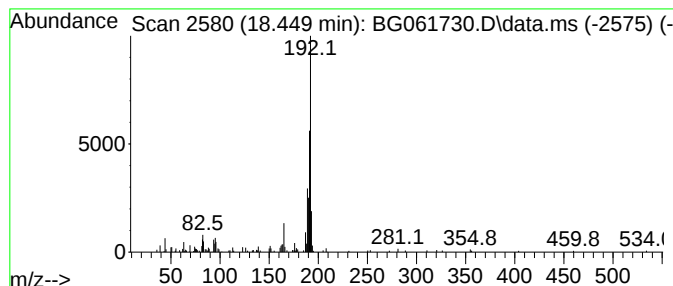
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.449	2.40 ng/ul	142370	Phenanthrene-d10	17.438

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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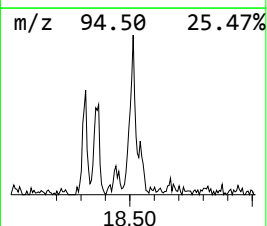
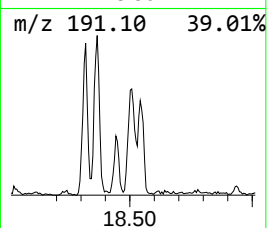
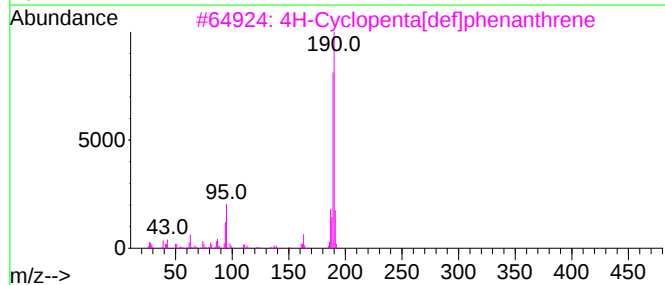
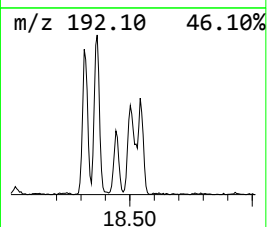
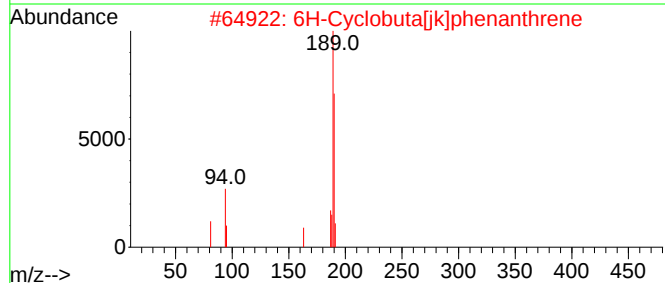
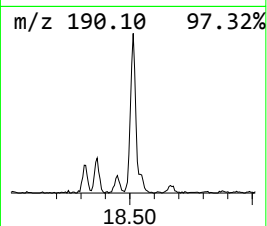
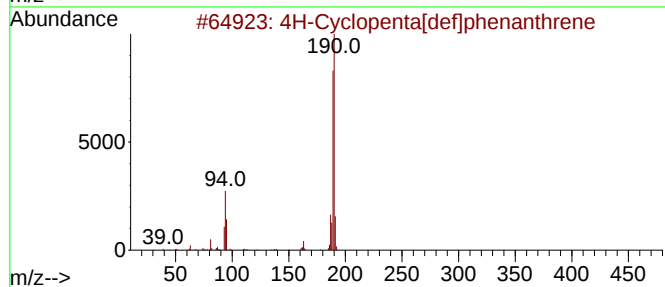
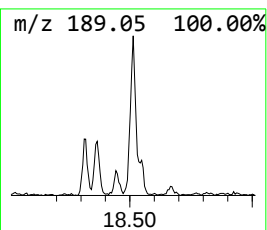
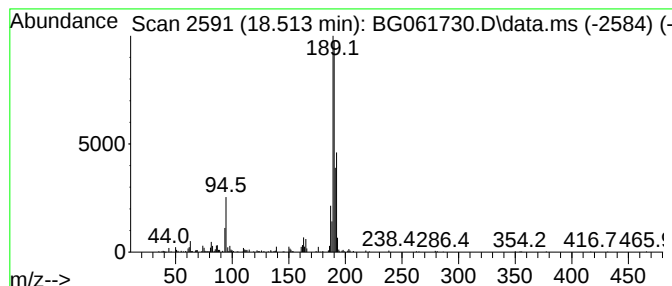
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.513	9.17 ng/ul	543855	Phenanthrene-d10	17.438

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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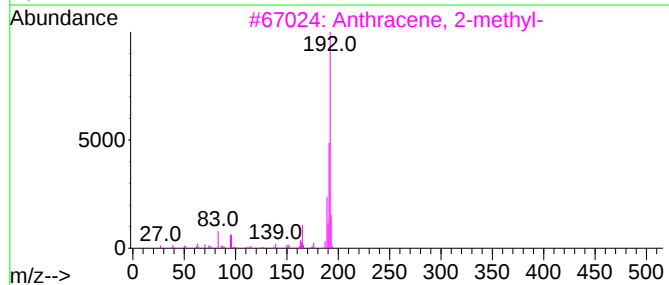
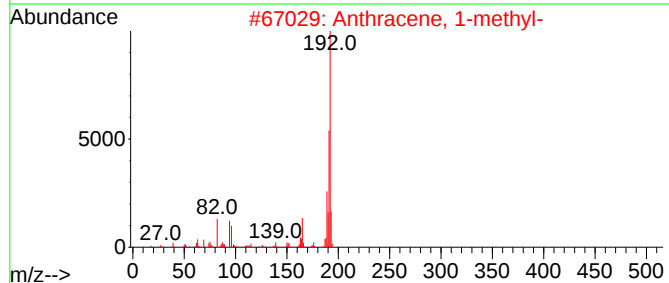
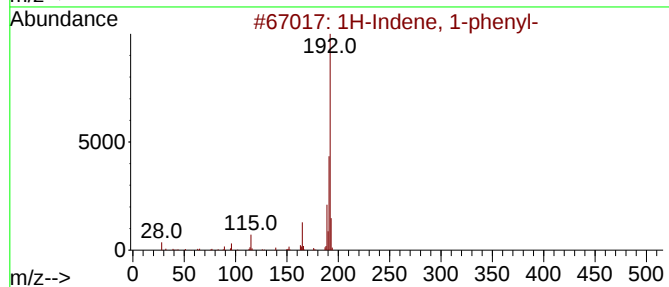
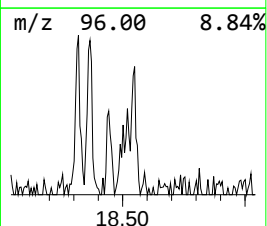
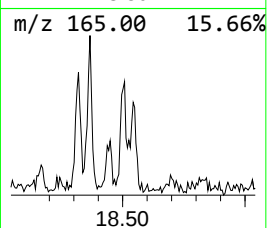
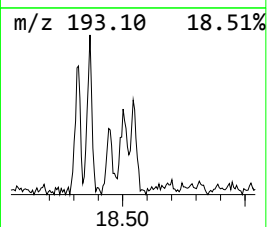
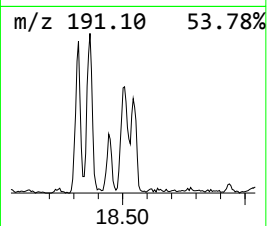
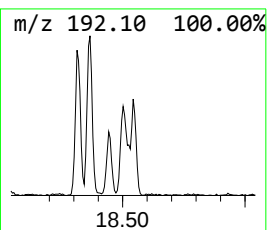
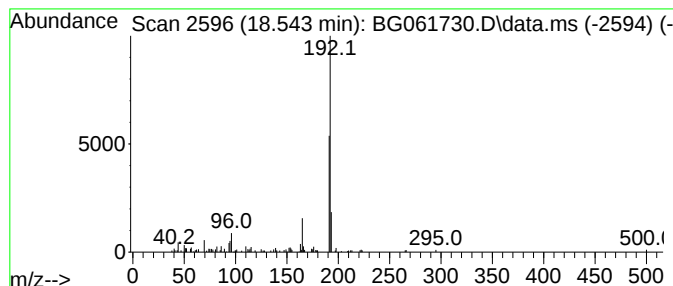
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1H-Indene, 1-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.543	3.36 ng/ul	199368	Phenanthrene-d10	17.438

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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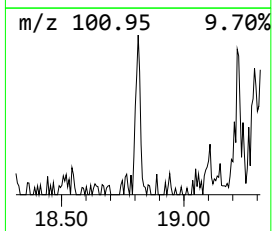
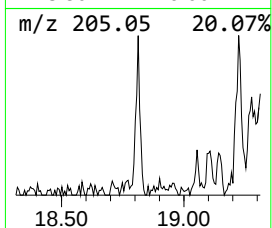
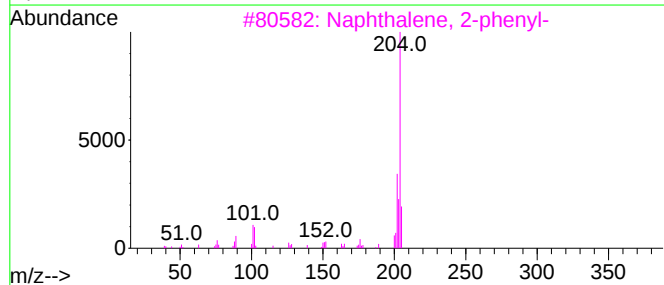
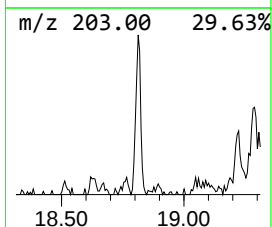
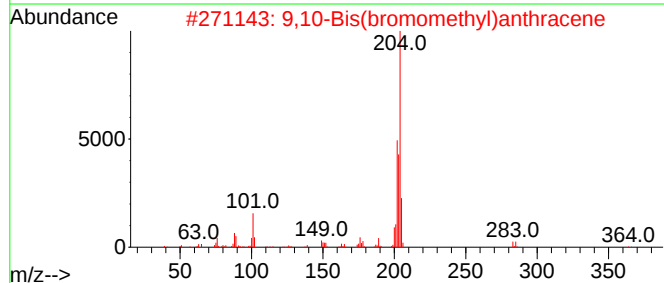
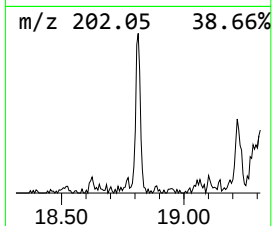
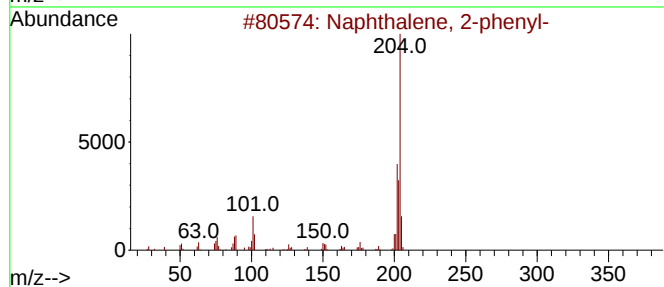
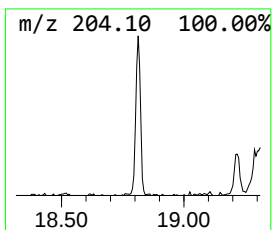
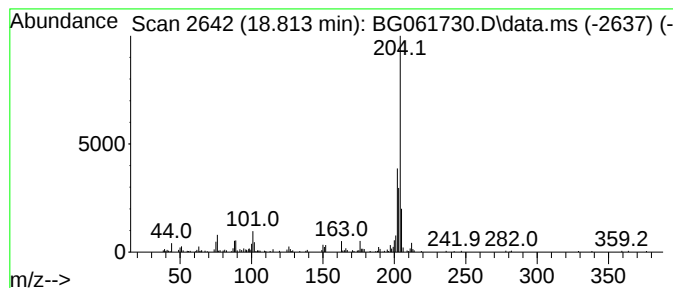
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Naphthalene, 2-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.813	2.83 ng/ul	167889	Phenanthrene-d10	17.438

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	93
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5			5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
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Misc :
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Instrument :
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ClientSampleId :
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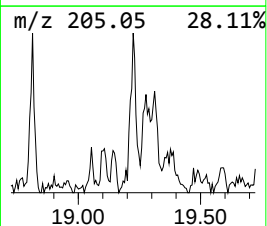
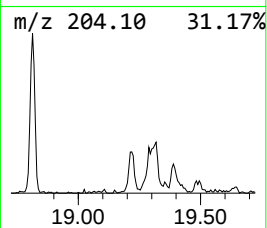
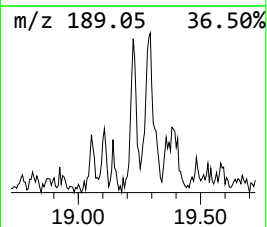
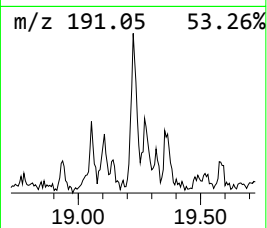
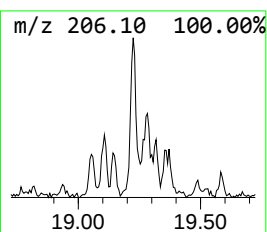
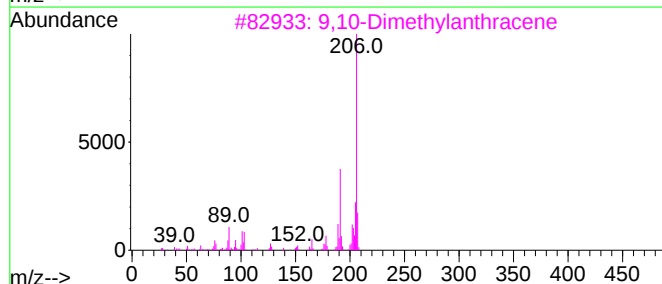
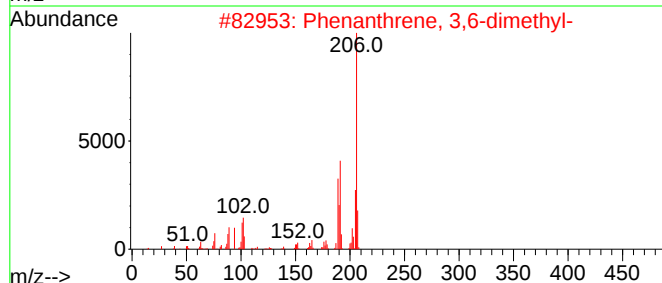
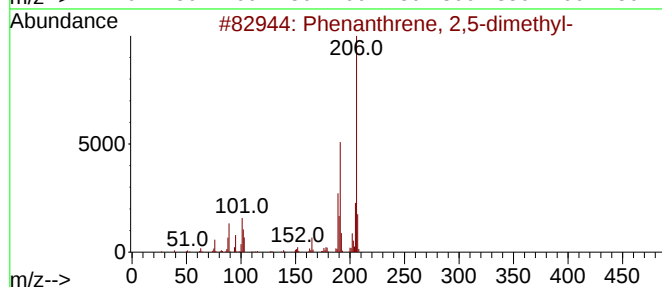
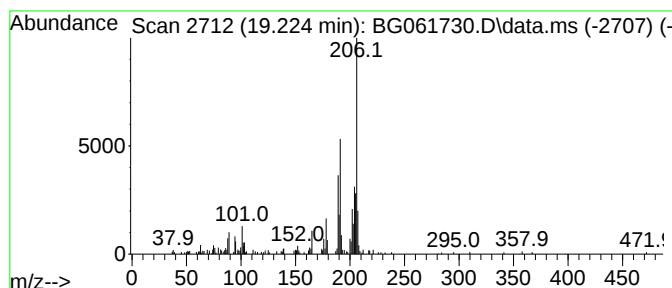
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.224	3.33 ng/ul	197339	Phenanthrene-d10	17.438

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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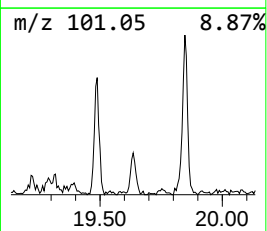
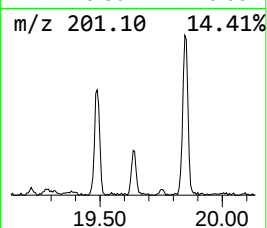
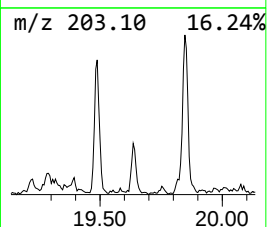
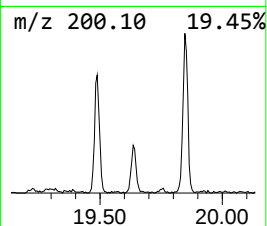
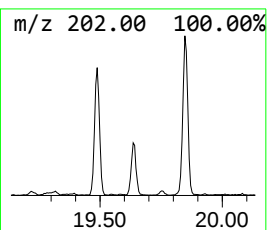
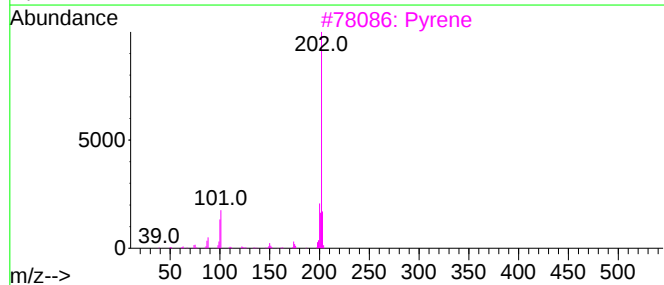
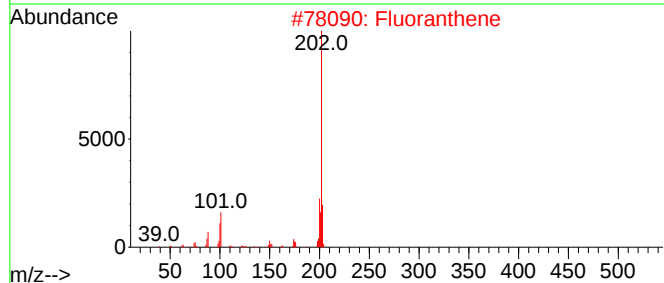
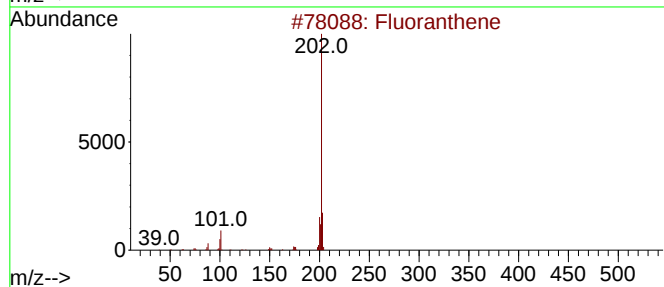
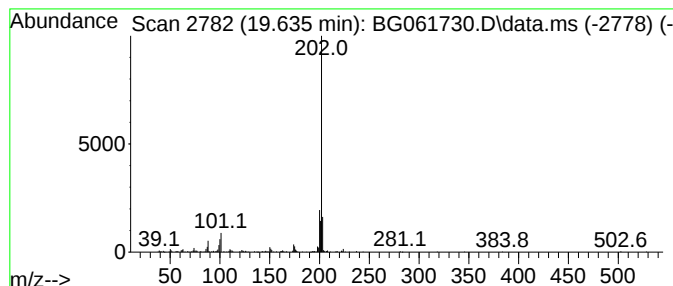
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.635	2.97 ng/ul	243116	Chrysene-d12	21.704

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene	202	C16H10	000206-44-0	81
2			Fluoranthene	202	C16H10	000206-44-0	81
3			Pyrene	202	C16H10	000129-00-0	76
4			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	68
5			Pyrene	202	C16H10	000129-00-0	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

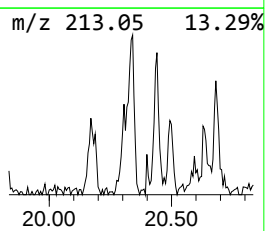
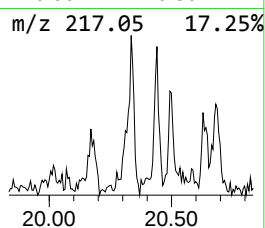
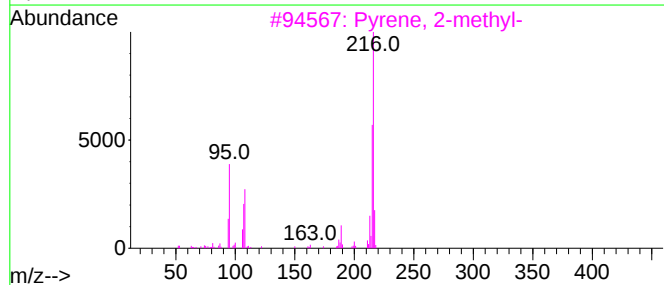
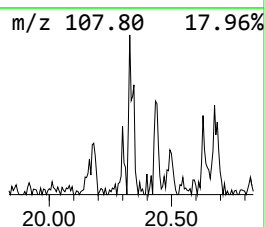
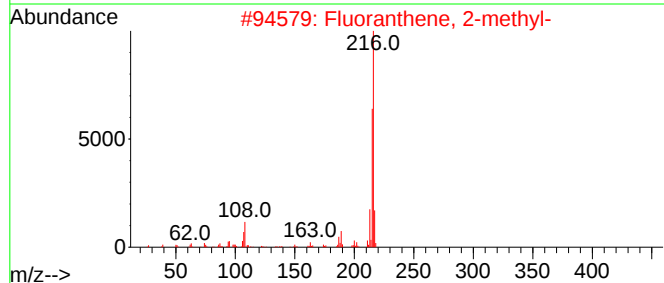
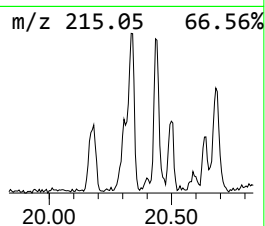
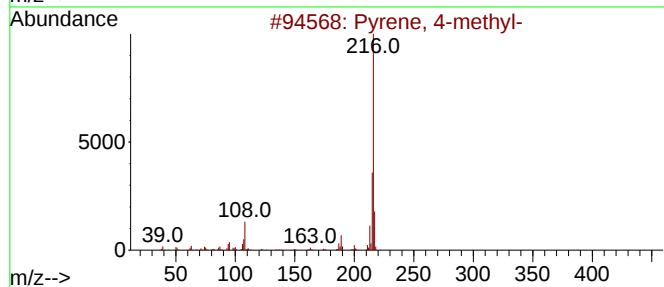
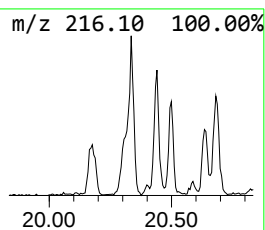
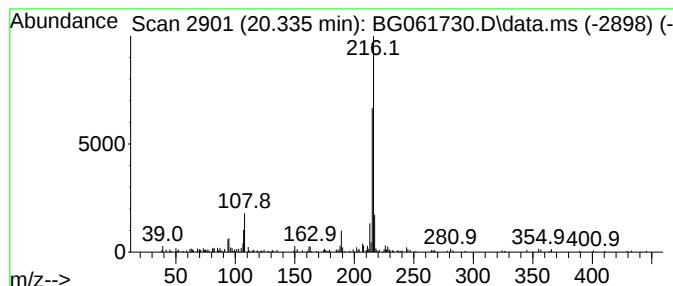
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.335	2.89 ng/ul	236576	Chrysene-d12	21.704

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061730.D
Acq On : 26 Jun 2024 11:02
Operator : MA/JU
Sample : P2873-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SG7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	6.063	2.4	ng/ul	41085	1	8.072	343322	20.0
unknown-02	7.714	10.9	ng/ul	186705	1	8.072	343322	20.0
3-Methylphenyla...	8.607	7.8	ng/ul	134640	1	8.072	343322	20.0
Benzene, (1-met...	9.342	2.8	ng/ul	48234	1	8.072	343322	20.0
1H-Indene, 1-me...	10.305	4.5	ng/ul	139914	2	10.887	615906	20.0
2-Methylindene	10.382	2.9	ng/ul	87725	2	10.887	615906	20.0
Naphthalene, 2,...	13.866	6.2	ng/ul	314008	3	14.700	1012430	20.0
Naphthalene, 2,...	14.019	7.1	ng/ul	359370	3	14.700	1012430	20.0
Naphthalene, 2-...	14.154	4.1	ng/ul	208533	3	14.700	1012430	20.0
Naphthalene, 1,...	14.254	3.0	ng/ul	150754	3	14.700	1012430	20.0
1,1'-Biphenyl, ...	15.293	3.1	ng/ul	156224	3	14.700	1012430	20.0
Fluorene-9-meth...	15.564	2.3	ng/ul	114032	3	14.700	1012430	20.0
Benzene, 5-hept...	16.157	3.6	ng/ul	215782	4	17.438	1186700	20.0
9H-Fluorene, 3-...	16.745	2.9	ng/ul	170617	4	17.438	1186700	20.0
Azuleno(2,1-b)t...	17.256	3.4	ng/ul	202630	4	17.438	1186700	20.0
Anthracene, 2-m...	18.319	6.2	ng/ul	366538	4	17.438	1186700	20.0
Anthracene, 9-m...	18.366	6.2	ng/ul	367762	4	17.438	1186700	20.0
Phenanthrene, 1...	18.449	2.4	ng/ul	142370	4	17.438	1186700	20.0
4H-Cyclopenta[d...	18.513	9.2	ng/ul	543855	4	17.438	1186700	20.0
1H-Indene, 1-ph...	18.543	3.4	ng/ul	199368	4	17.438	1186700	20.0
Naphthalene, 2-...	18.813	2.8	ng/ul	167889	4	17.438	1186700	20.0
Phenanthrene, 2...	19.224	3.3	ng/ul	197339	4	17.438	1186700	20.0
Benzene, 1,1'-(...	19.635	3.0	ng/ul	243116	5	21.704	1638030	20.0
Pyrene, 4-methyl-	20.335	2.9	ng/ul	236576	5	21.704	1638030	20.0