

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058674.D
 Acq On : 10 Aug 2023 11:24
 Operator : MA/JU
 Sample : 03932-03 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\8270-BG072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058674.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.312	373	378	386	rVB	109130	171699	4.40%	0.571%
2	6.957	651	658	663	rBV	38138	71566	1.83%	0.238%
3	7.456	738	743	753	rVB	72207	119496	3.06%	0.398%
4	7.815	793	804	817	rVB	145730	287077	7.36%	0.956%
5	7.926	817	823	830	rBV2	30120	59864	1.53%	0.199%
6	8.185	859	867	875	rBV	376220	642896	16.48%	2.140%
7	8.449	906	912	926	rVB3	45403	93220	2.39%	0.310%
8	8.914	981	991	998	rBV2	57040	111404	2.86%	0.371%
9	8.990	999	1004	1016	rVB2	28388	57863	1.48%	0.193%
10	9.501	1085	1091	1099	rVB	28446	53941	1.38%	0.180%
11	9.859	1147	1152	1161	rVB	85157	154451	3.96%	0.514%
12	10.018	1172	1179	1189	rBV6	81587	237403	6.08%	0.790%
13	10.112	1189	1195	1207	rVB2	75777	212523	5.45%	0.707%
14	10.612	1268	1280	1284	rBV	200593	459255	11.77%	1.529%
15	10.670	1284	1290	1297	rVB	2094874	3902058	100.00%	12.988%
16	10.776	1302	1308	1314	rVV2	85410	204558	5.24%	0.681%
17	11.440	1415	1421	1430	rBV6	25115	66582	1.71%	0.222%
18	11.628	1448	1453	1457	rBV	54901	95076	2.44%	0.316%
19	11.716	1463	1468	1473	rVB2	26105	52402	1.34%	0.174%
20	11.804	1478	1483	1491	rVB5	33922	70875	1.82%	0.236%
21	12.169	1541	1545	1552	rVB4	32340	57367	1.47%	0.191%
22	12.280	1553	1564	1571	rVB	1014251	1735899	44.49%	5.778%
23	12.498	1591	1601	1610	rVB	715494	1232048	31.57%	4.101%
24	12.715	1633	1638	1645	rVV7	20979	49682	1.27%	0.165%
25	12.985	1679	1684	1689	rVB	77924	112589	2.89%	0.375%
26	13.291	1726	1736	1742	rBV	146861	256141	6.56%	0.853%
27	13.485	1764	1769	1781	rVB	281843	545064	13.97%	1.814%
28	13.632	1785	1794	1801	rBV3	189052	528152	13.54%	1.758%
29	13.778	1812	1819	1824	rVV	307130	579223	14.84%	1.928%
30	13.831	1824	1828	1838	rVV	207021	369124	9.46%	1.229%
31	13.931	1838	1845	1849	rVV	80297	143607	3.68%	0.478%
32	14.013	1855	1859	1863	rVV	145027	235674	6.04%	0.784%
33	14.049	1863	1865	1870	rVB2	59234	71150	1.82%	0.237%
34	14.184	1883	1888	1898	rVV2	107626	192973	4.95%	0.642%
35	14.460	1924	1935	1940	rBV2	348848	689638	17.67%	2.295%
36	14.525	1940	1946	1954	rVB	684571	1101538	28.23%	3.666%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.666	1964	1970	1979	rVB	86151	219439	5.62%	0.730%
38	14.854	1997	2002	2009	rVB2	112490	201303	5.16%	0.670%
39	14.936	2009	2016	2019	rBV	66922	104628	2.68%	0.348%
40	14.977	2019	2023	2031	rVB7	37184	86456	2.22%	0.288%

41	15.077	2031	2040	2044	rBV4	63180	128089	3.28%	0.426%
42	15.130	2044	2049	2052	rBV	53739	66825	1.71%	0.222%
43	15.247	2062	2069	2072	rBV2	45391	83199	2.13%	0.277%
44	15.335	2079	2084	2089	rBV	35362	65517	1.68%	0.218%
45	15.506	2108	2113	2124	rVB	320823	529614	13.57%	1.763%

46	15.606	2125	2130	2132	rBV	66288	107102	2.74%	0.356%
47	15.629	2132	2134	2137	rVV3	62671	77735	1.99%	0.259%
48	15.670	2137	2141	2144	rVV	109630	171813	4.40%	0.572%
49	15.711	2144	2148	2152	rVV3	119559	211399	5.42%	0.704%
50	15.758	2152	2156	2160	rVV	81345	131012	3.36%	0.436%

51	15.800	2160	2163	2169	rVB4	41117	68557	1.76%	0.228%
52	15.917	2179	2183	2187	rBV2	55640	87109	2.23%	0.290%
53	16.181	2223	2228	2233	rBV	128712	184850	4.74%	0.615%
54	16.505	2277	2283	2289	rBV3	88988	183573	4.70%	0.611%
55	16.558	2289	2292	2298	rVB3	79088	122699	3.14%	0.408%

56	16.657	2305	2309	2314	rVB	48495	67861	1.74%	0.226%
57	16.863	2341	2344	2350	rVB4	44050	66174	1.70%	0.220%
58	17.022	2364	2371	2380	rVB2	143291	333514	8.55%	1.110%
59	17.204	2396	2402	2406	rBV	426330	705332	18.08%	2.348%
60	17.251	2406	2410	2416	rVV	1071314	1619788	41.51%	5.391%

61	17.339	2420	2425	2430	rVV	292432	432073	11.07%	1.438%
62	17.492	2445	2451	2457	rVB7	22889	59668	1.53%	0.199%
63	17.609	2468	2471	2477	rBV5	36649	56141	1.44%	0.187%
64	17.785	2497	2501	2510	rVB2	67536	112617	2.89%	0.375%
65	17.932	2520	2526	2531	rBV2	43351	89259	2.29%	0.297%

66	18.079	2546	2551	2555	rBV	213305	318195	8.15%	1.059%
67	18.126	2555	2559	2568	rVB	242194	365777	9.37%	1.217%
68	18.209	2568	2573	2579	rBV	96891	164986	4.23%	0.549%
69	18.273	2579	2584	2588	rVV2	269884	536817	13.76%	1.787%
70	18.314	2588	2591	2601	rVB	146975	222772	5.71%	0.741%

71	18.579	2632	2636	2642	rBV	114564	164316	4.21%	0.547%
72	18.825	2675	2678	2684	rBV3	32016	59551	1.53%	0.198%
73	18.878	2684	2687	2690	rVV	41245	52769	1.35%	0.176%
74	18.914	2690	2693	2697	rVB2	38308	51871	1.33%	0.173%
75	18.996	2702	2707	2712	rBV2	119018	199367	5.11%	0.664%

76	19.060	2712	2718	2721	rBV3	57315	107667	2.76%	0.358%
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.131	2727	2730	2734	rBV2	32503	58317	1.49%	0.194%
78	19.260	2747	2752	2758	rBV	458977	685702	17.57%	2.282%
79	19.413	2773	2778	2784	rBV	137390	202448	5.19%	0.674%
80	19.507	2789	2794	2796	rBV3	35512	55513	1.42%	0.185%
81	19.625	2806	2814	2822	rBV	678884	1036730	26.57%	3.451%
82	19.701	2824	2827	2833	rVB2	31868	51497	1.32%	0.171%
83	19.948	2864	2869	2878	rVB2	59400	133359	3.42%	0.444%
84	20.118	2887	2898	2904	rVB	151708	326190	8.36%	1.086%
85	20.218	2911	2915	2921	rVB	118402	158437	4.06%	0.527%
86	20.277	2921	2925	2929	rBV	94189	130658	3.35%	0.435%
87	20.377	2937	2942	2945	rBV2	62236	104612	2.68%	0.348%
88	20.418	2945	2949	2952	rVV	81982	136631	3.50%	0.455%
89	20.465	2953	2957	2969	rVB	109061	208233	5.34%	0.693%
90	21.088	3059	3063	3067	rVB	52234	71995	1.85%	0.240%
91	21.446	3116	3124	3129	rBV2	514493	1158682	29.69%	3.857%
92	21.493	3129	3132	3145	rVB	207659	347161	8.90%	1.156%
93	22.151	3239	3244	3249	rVV2	61305	128502	3.29%	0.428%
94	22.210	3251	3254	3260	rVB	33411	60274	1.54%	0.201%
95	22.456	3292	3296	3304	rVV3	38668	82808	2.12%	0.276%
96	23.549	3474	3482	3483	rBV	65451	118842	3.05%	0.396%
97	23.796	3517	3524	3534	rBV	22808	63924	1.64%	0.213%
98	24.231	3592	3598	3610	rBV2	46822	139253	3.57%	0.463%
99	24.378	3614	3623	3634	rBV2	91264	293889	7.53%	0.978%
100	24.519	3638	3647	3657	rBV	225582	648862	16.63%	2.160%

Sum of corrected areas: 30044031

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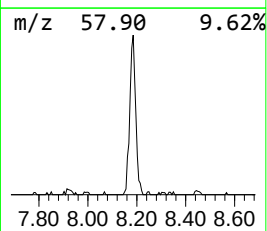
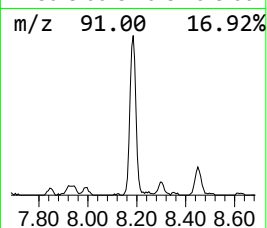
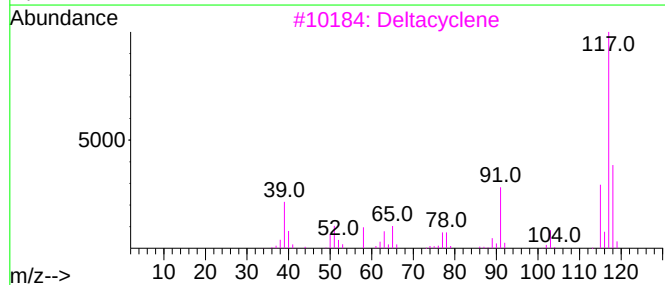
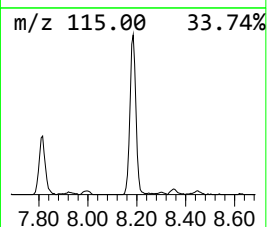
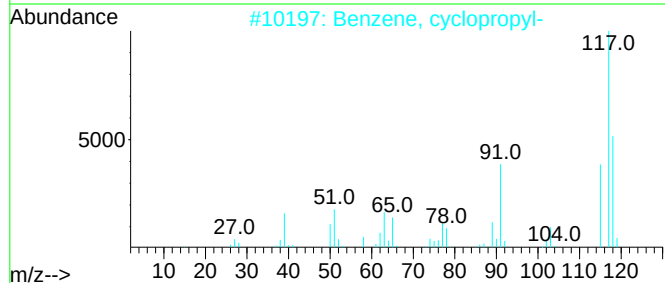
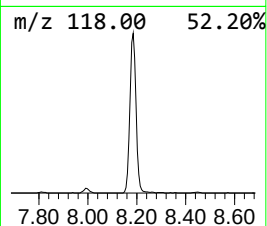
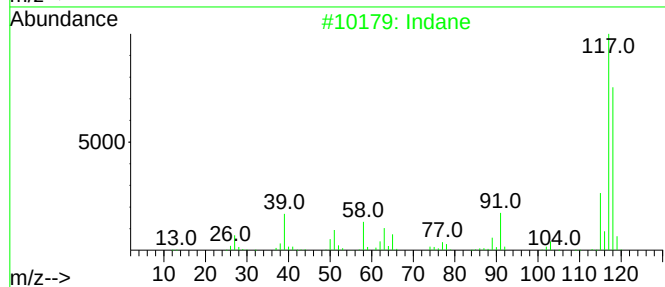
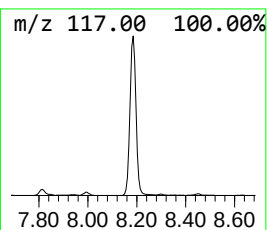
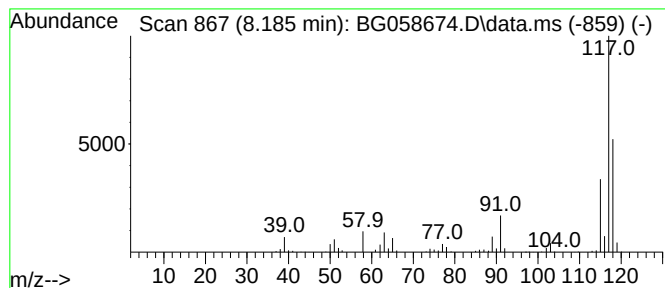
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	44.79 ng	642896	1,4-Dichlorobenzene-d4	7.815

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3			Deltacyclene	118	C9H10	007785-10-6	68
4			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
5			Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	50



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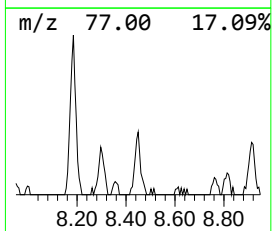
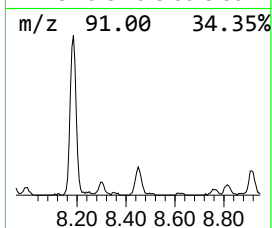
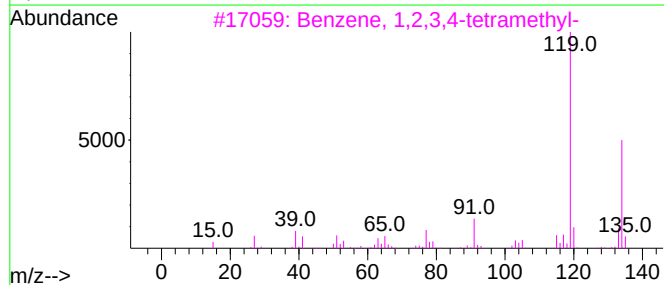
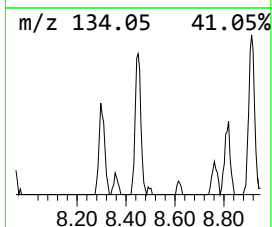
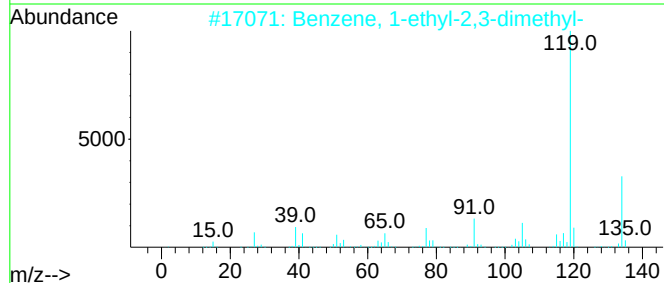
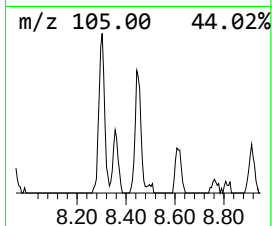
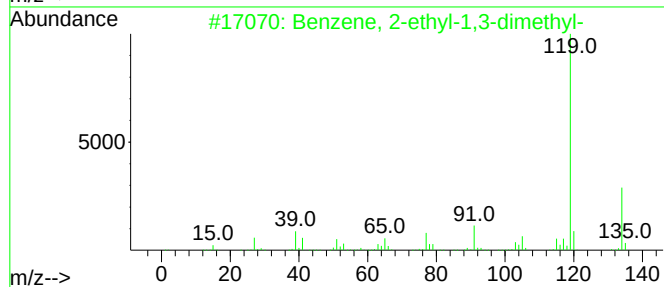
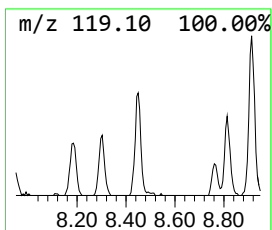
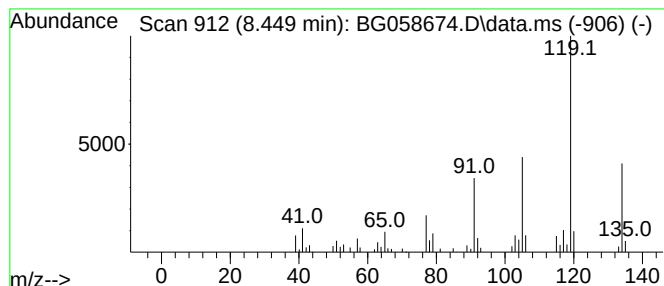
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.449	6.49 ng	93220	1,4-Dichlorobenzene-d4	7.815

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93



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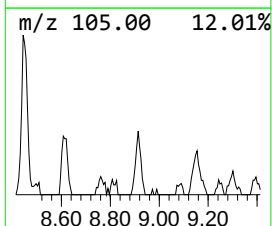
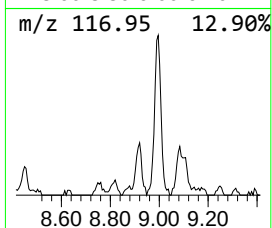
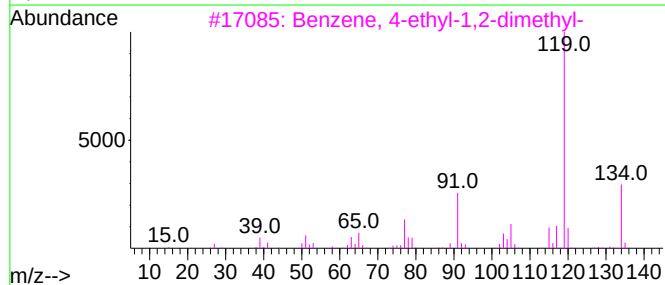
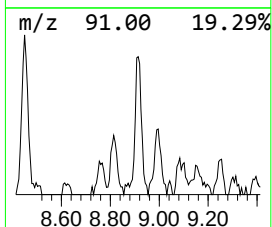
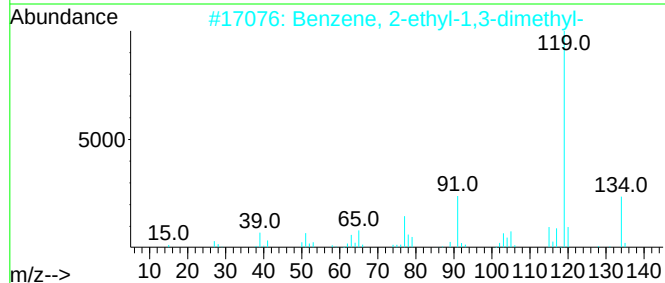
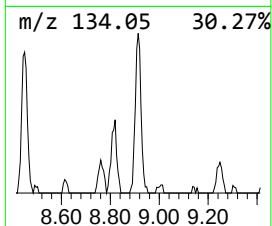
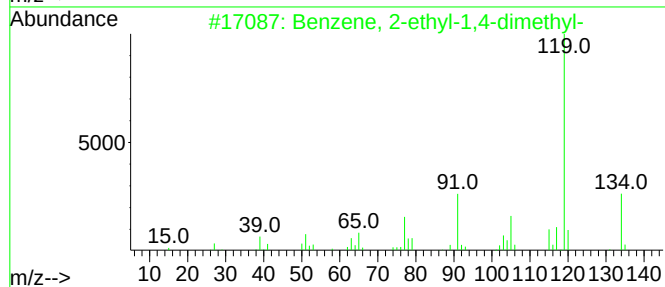
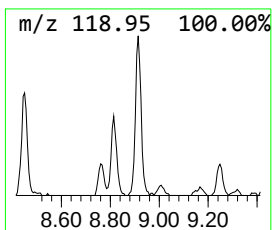
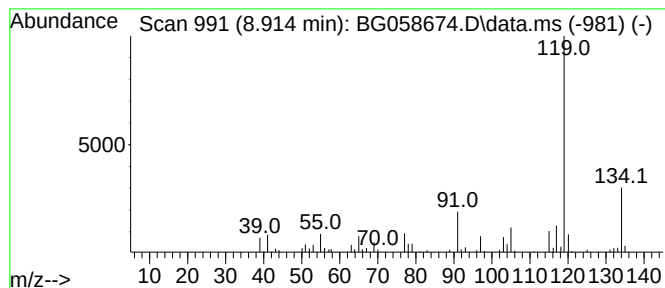
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.914	7.76 ng	111404	1,4-Dichlorobenzene-d4	7.815

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



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Sample : 03932-03 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

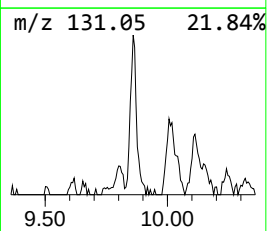
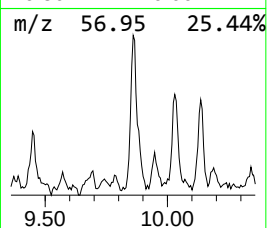
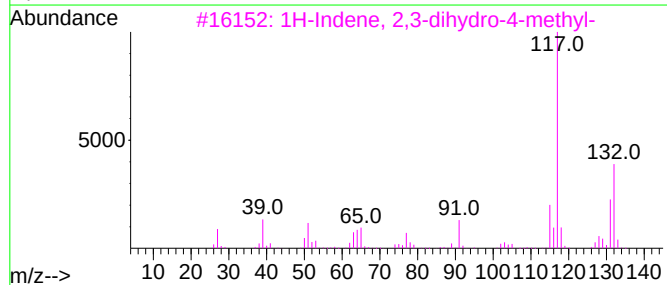
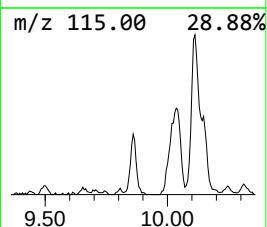
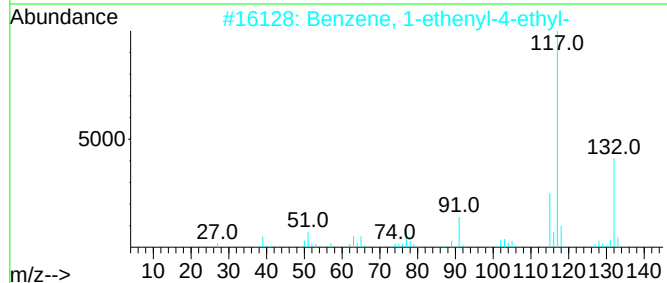
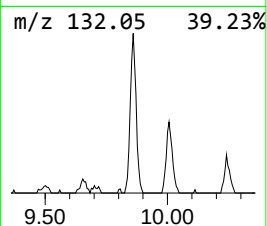
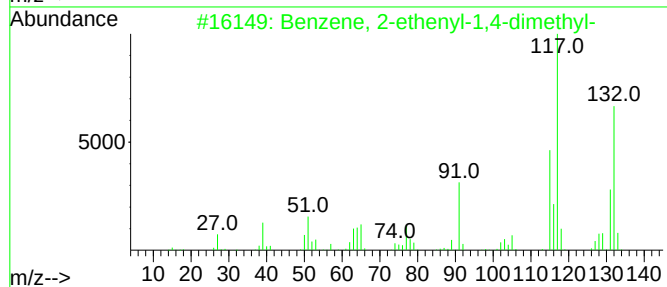
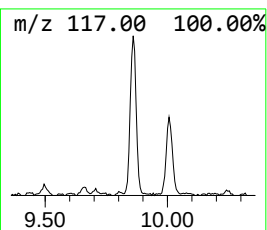
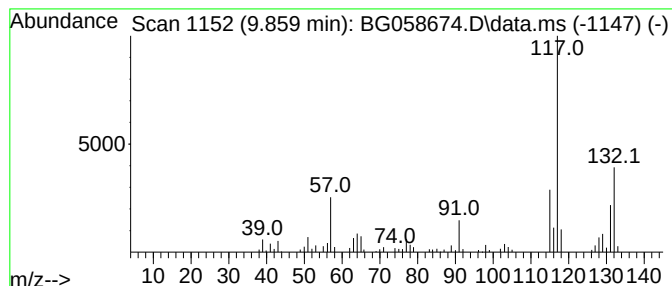
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BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.859	6.73 ng	154451	Naphthalene-d8	10.611	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-		132 C10H12	002039-89-6	89
2	Benzene, 1-ethenyl-4-ethyl-		132 C10H12	003454-07-7	87
3	1H-Indene, 2,3-dihydro-4-methyl-		132 C10H12	000824-22-6	87
4	Benzene, 2-ethenyl-1,3-dimethyl-		132 C10H12	002039-90-9	87
5	Indan, 1-methyl-		132 C10H12	000767-58-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
Acq On : 10 Aug 2023 11:24
Operator : MA/JU
Sample : 03932-03 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

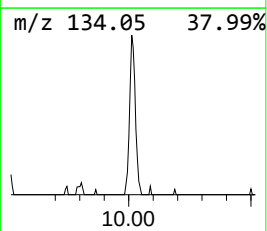
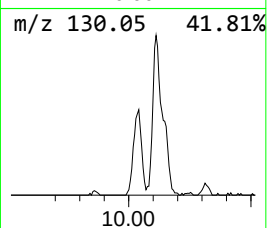
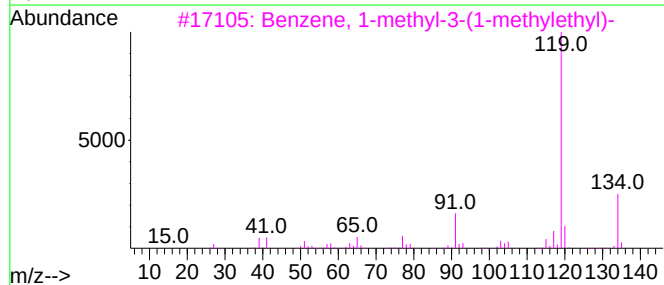
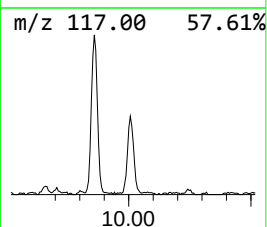
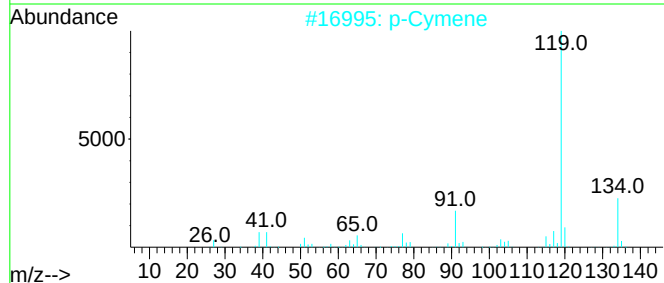
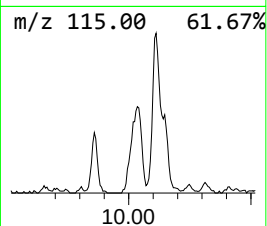
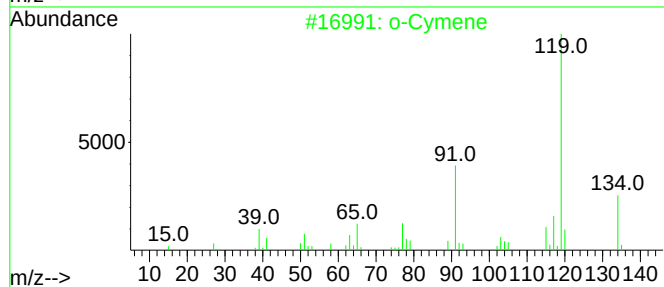
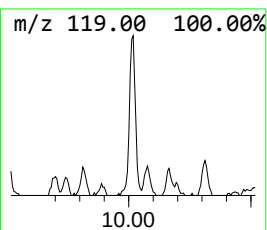
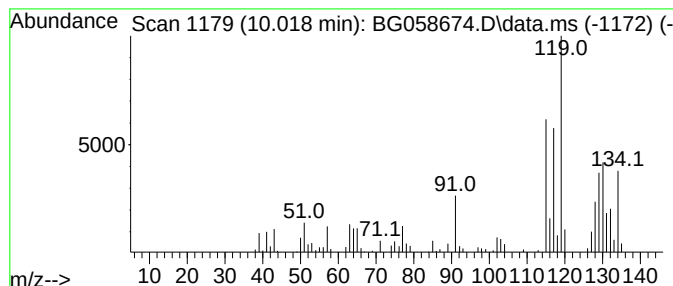
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.018 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.018	10.34 ng	237403	Naphthalene-d8	10.611

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	42
2			p-Cymene	134	C10H14	000099-87-6	38
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
4			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	38
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
Acq On : 10 Aug 2023 11:24
Operator : MA/JU
Sample : 03932-03 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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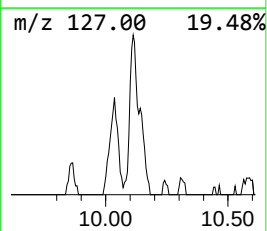
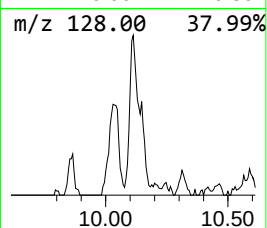
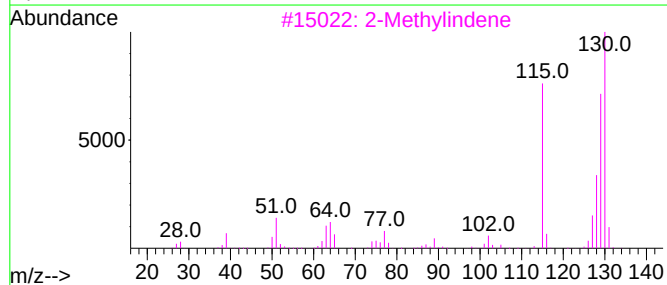
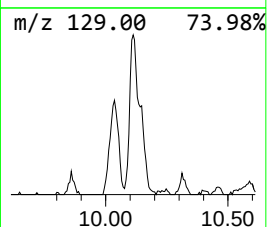
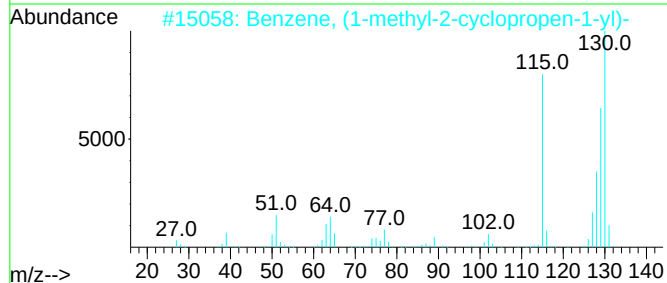
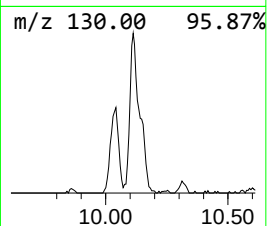
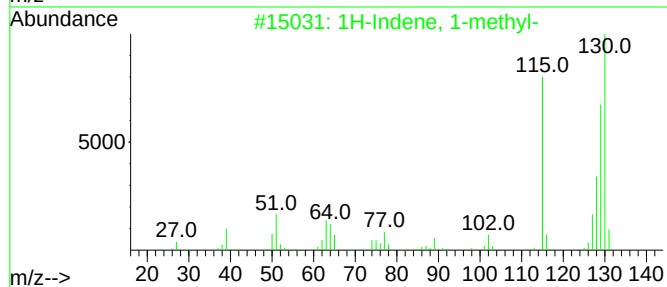
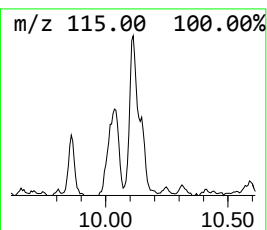
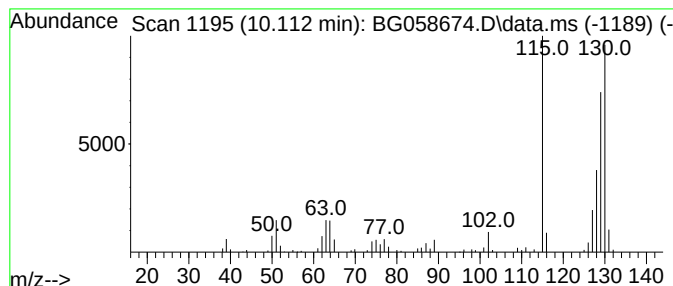
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.112	9.26 ng	212523	Naphthalene-d8	10.611

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	97
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3			2-Methylindene	130	C10H10	002177-47-1	96
4			Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
Acq On : 10 Aug 2023 11:24
Operator : MA/JU
Sample : 03932-03 50X
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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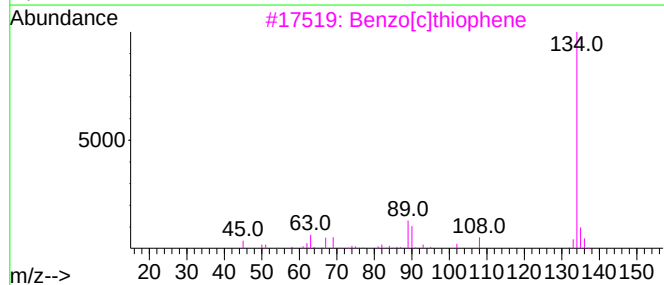
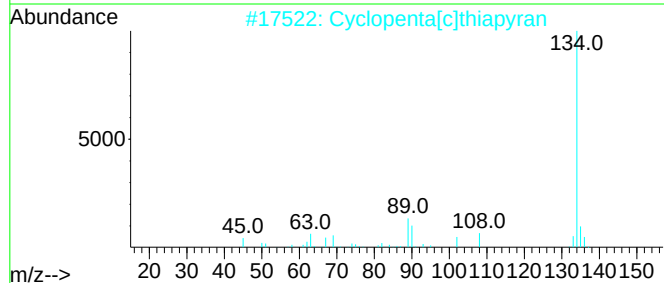
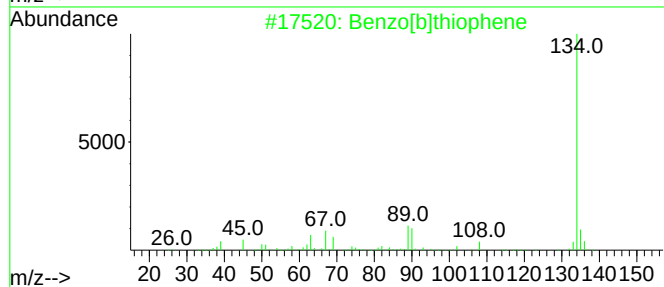
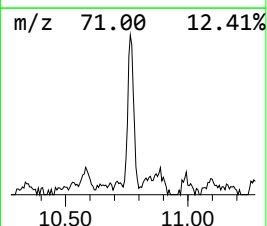
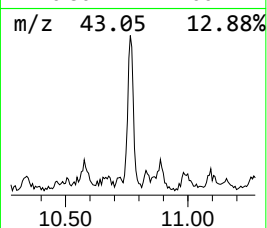
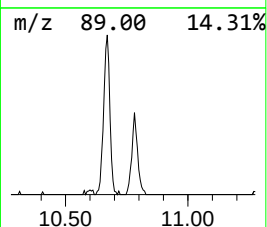
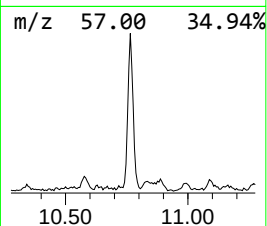
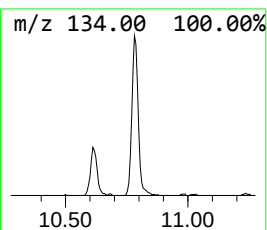
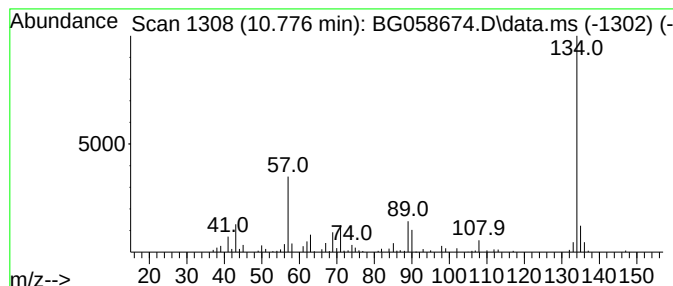
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.776	8.91 ng	204558	Naphthalene-d8	10.611

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
3			Benzo[c]thiophene	134	C8H6S	000270-82-6	87
4			3-Deazaadenine	134	C6H6N4	006811-77-4	53
5			5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
Acq On : 10 Aug 2023 11:24
Operator : MA/JU
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Misc :
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Instrument :
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ClientSampleId :
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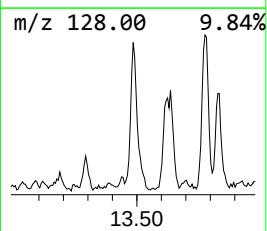
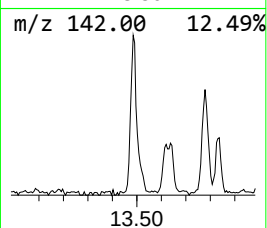
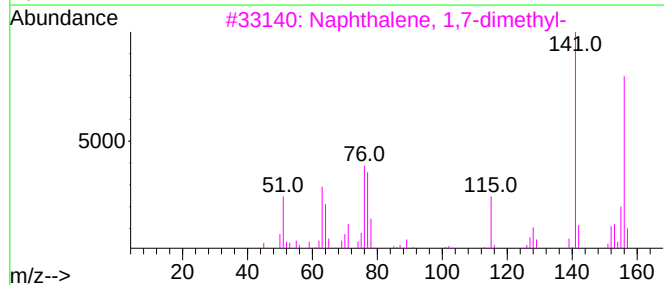
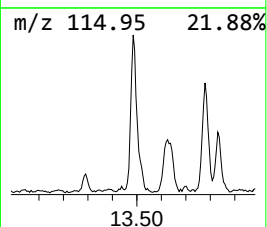
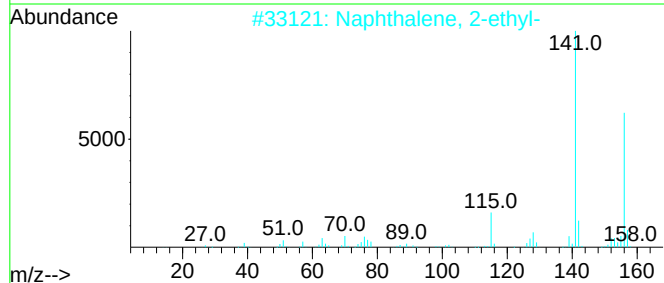
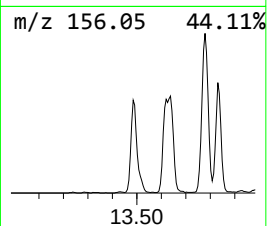
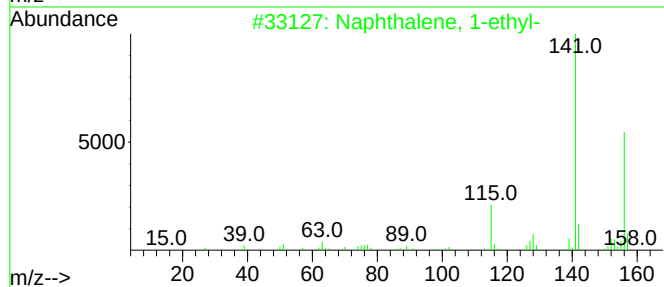
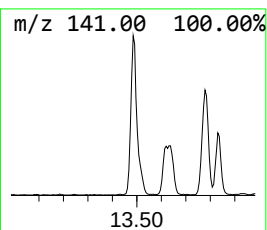
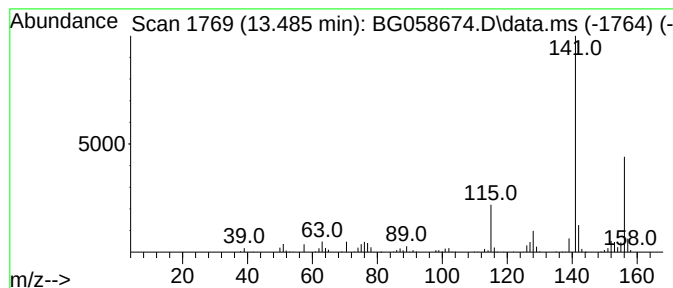
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.485	15.81 ng	545064	Acenaphthene-d10	14.460

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5			5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
Acq On : 10 Aug 2023 11:24
Operator : MA/JU
Sample : 03932-03 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

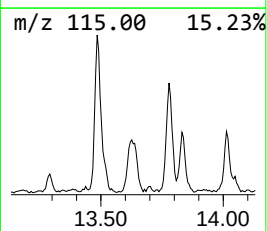
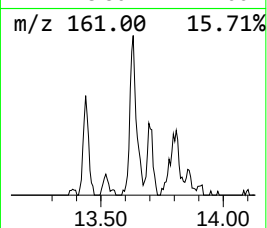
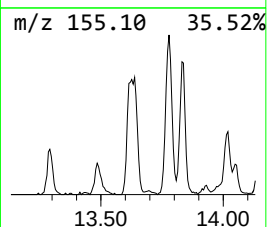
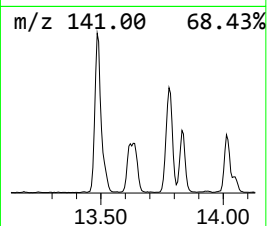
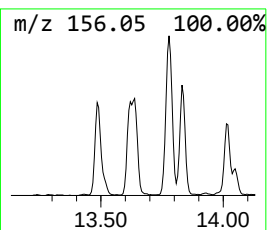
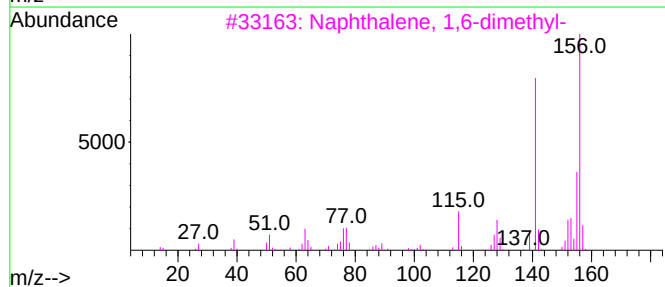
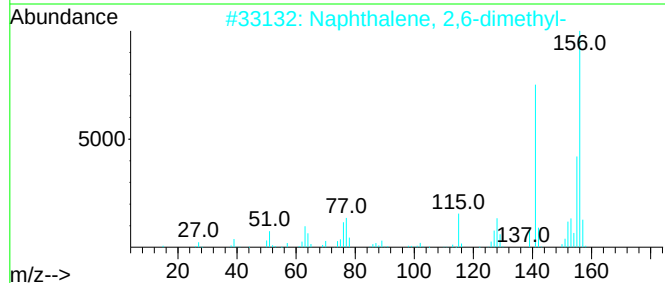
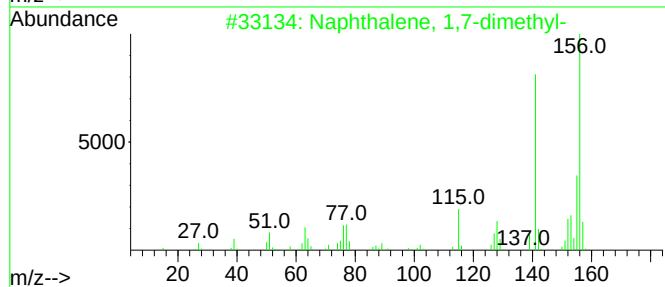
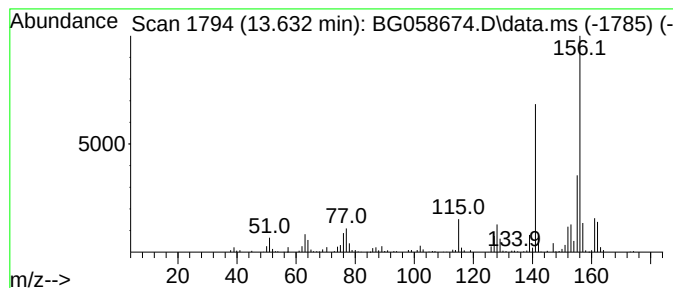
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NEVINS-SB-01-Z30-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.632	15.32 ng	528152	Acenaphthene-d10		14.460	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	98
4	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
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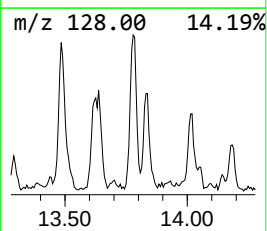
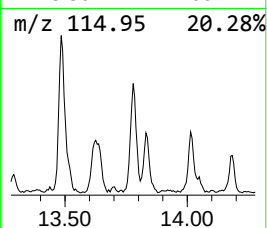
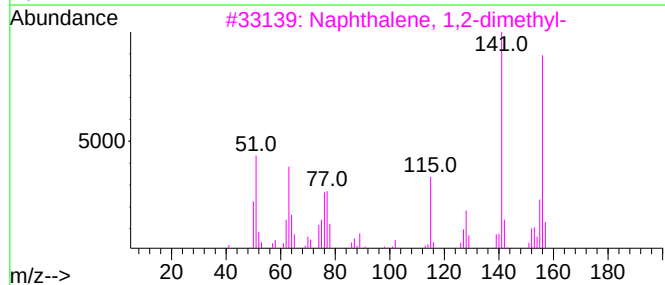
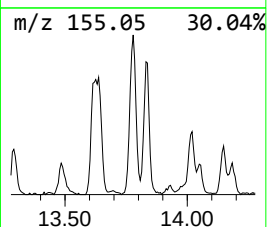
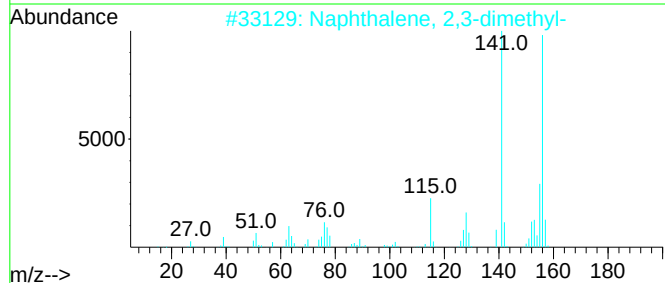
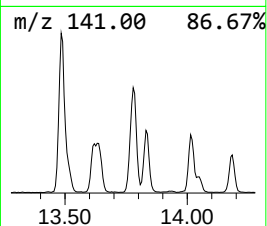
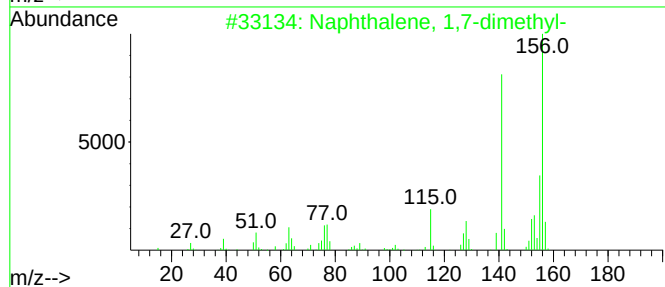
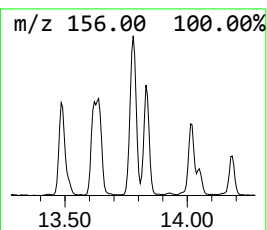
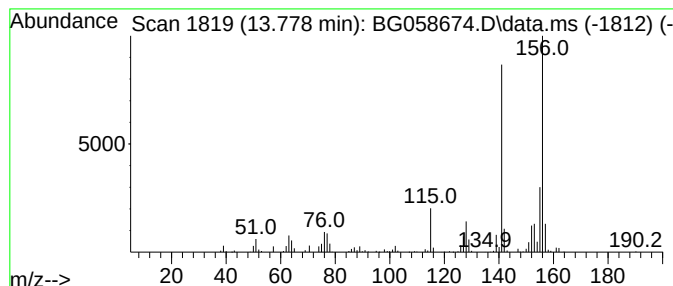
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.778	16.80 ng	579223	Acenaphthene-d10		14.460	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	98
2	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	98
3	Naphthalene, 1,2-dimethyl-		156	C12H12	000573-98-8	97
4	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
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Operator : MA/JU
Sample : 03932-03 50X
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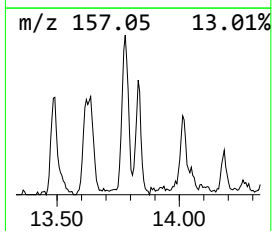
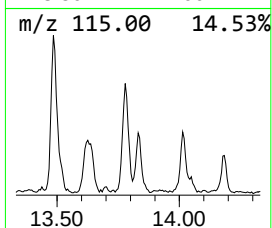
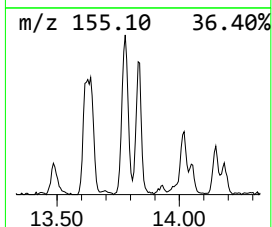
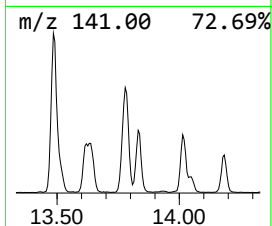
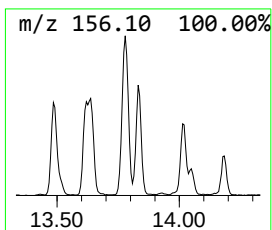
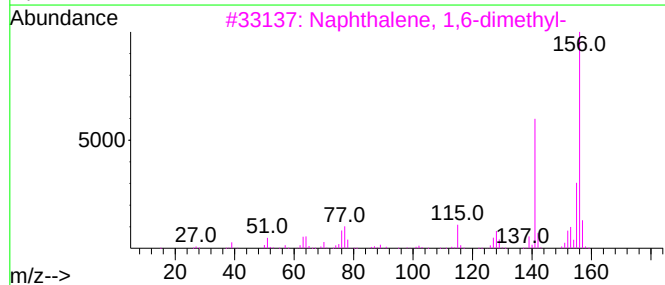
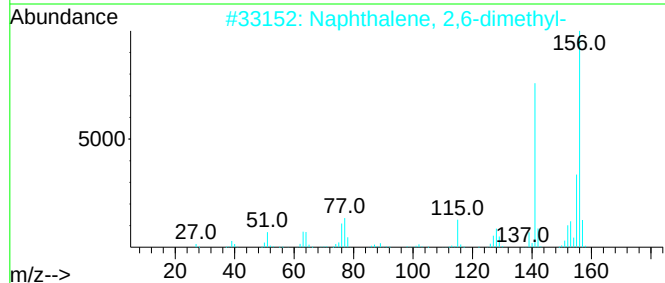
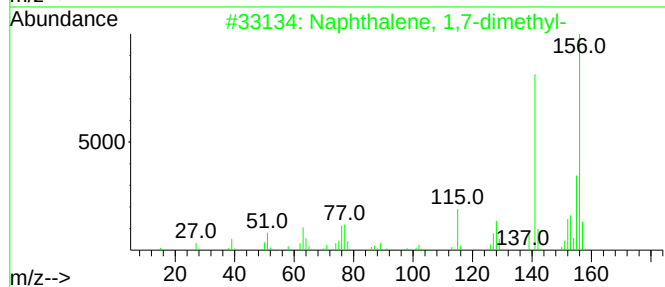
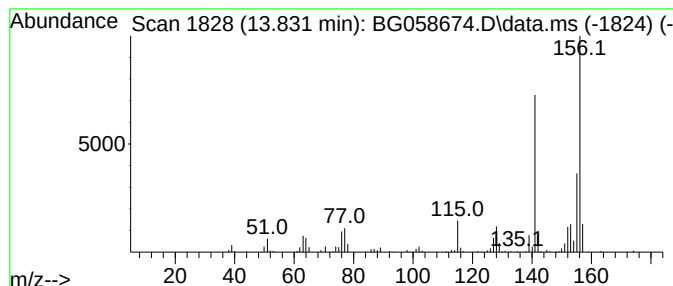
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ClientSampleId :
NEVINS-SB-01-Z30-32

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.831	10.70 ng	369124	Acenaphthene-d10	14.460	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
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Operator : MA/JU
Sample : 03932-03 50X
Misc :
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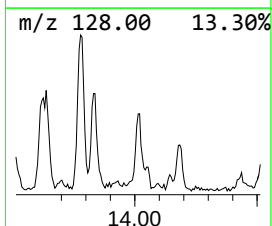
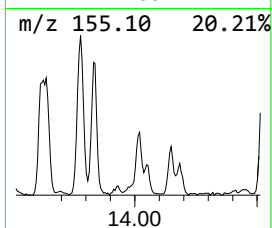
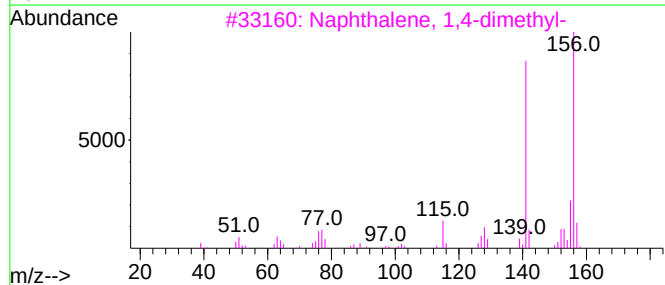
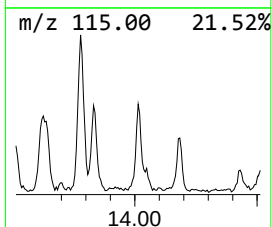
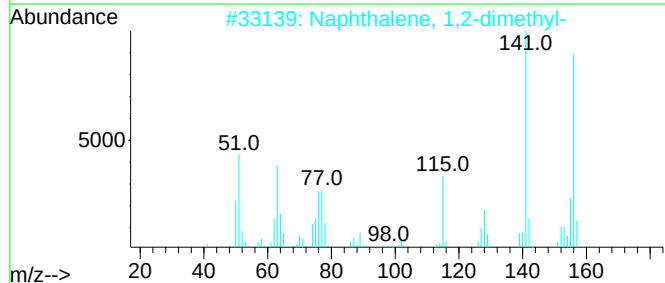
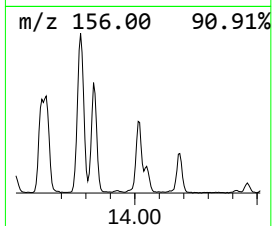
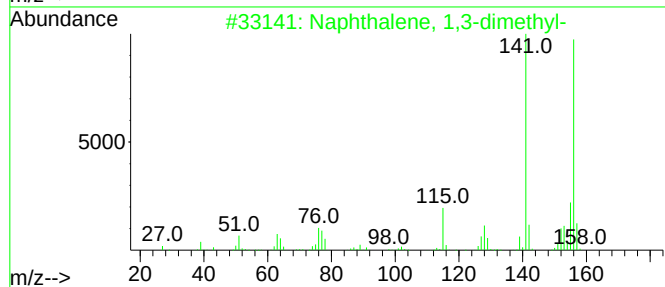
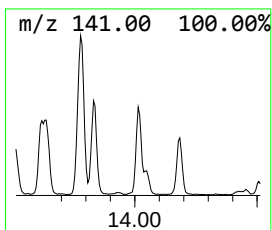
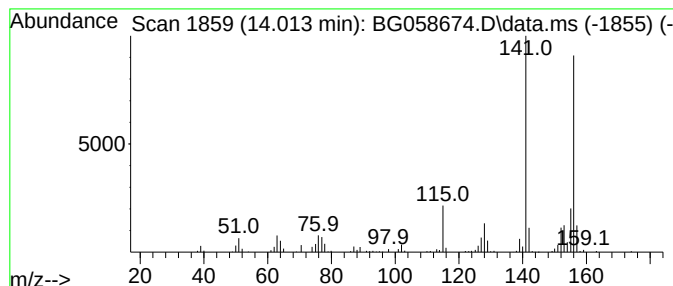
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ClientSampleId :
NEVINS-SB-01-Z30-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.013	6.83 ng	235674	Acenaphthene-d10	14.460	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
Acq On : 10 Aug 2023 11:24
Operator : MA/JU
Sample : 03932-03 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z30-32

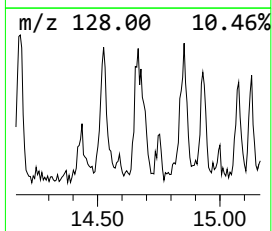
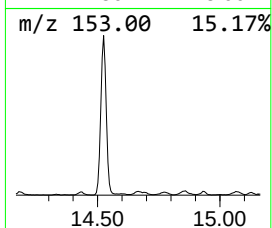
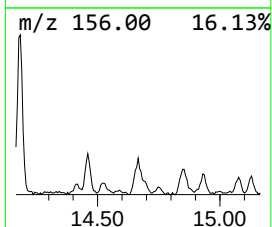
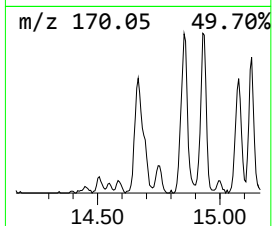
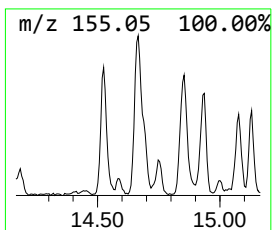
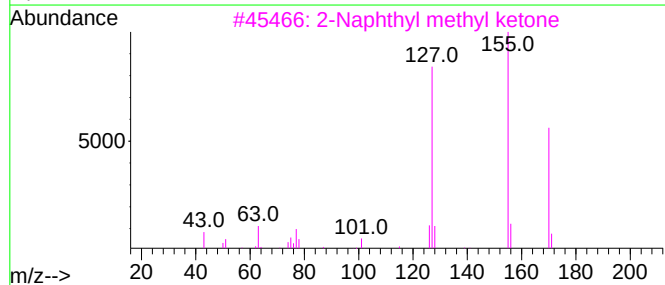
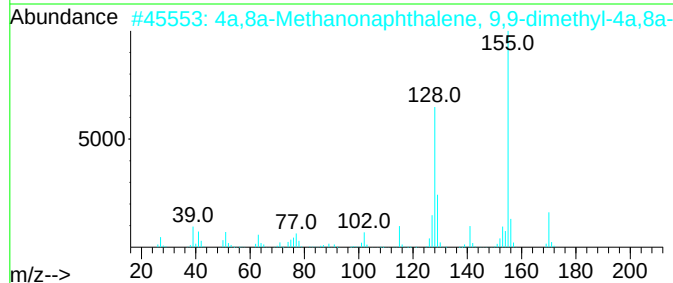
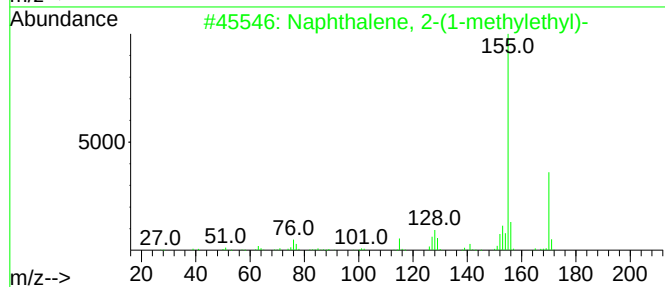
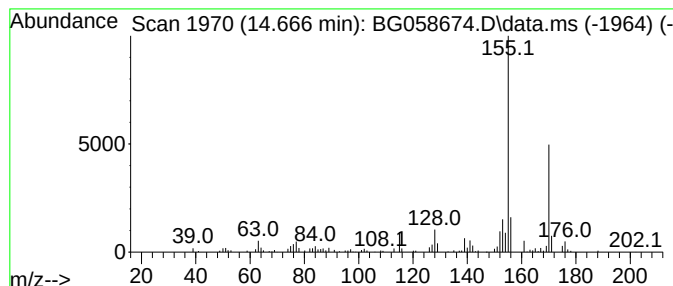
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	6.36 ng	219439	Acenaphthene-d10	14.460

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	86
3		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
Acq On : 10 Aug 2023 11:24
Operator : MA/JU
Sample : 03932-03 50X
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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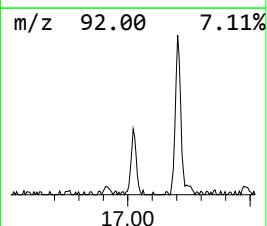
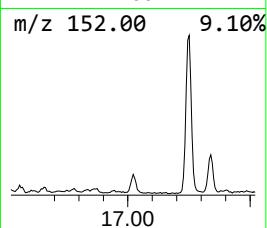
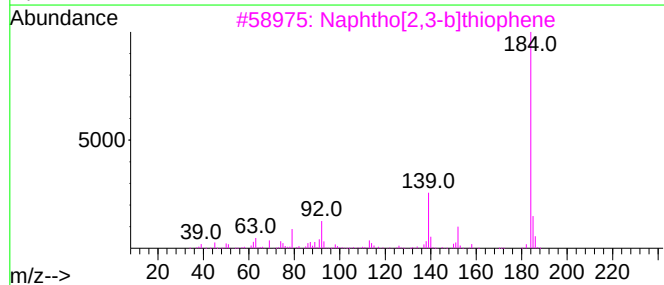
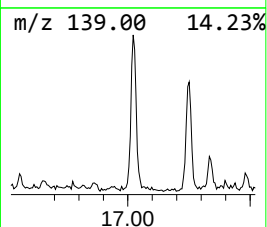
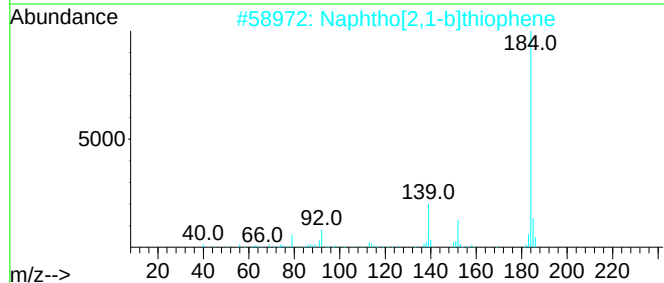
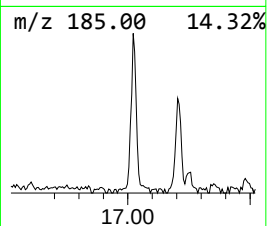
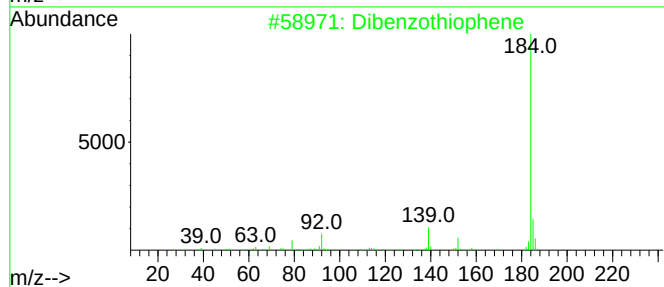
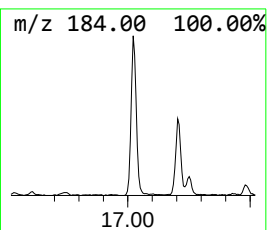
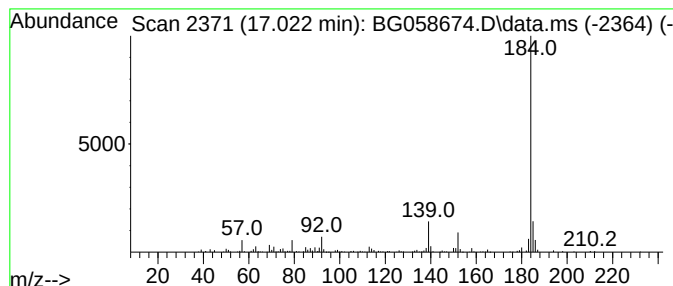
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	9.46 ng	333514	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
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Operator : MA/JU
Sample : 03932-03 50X
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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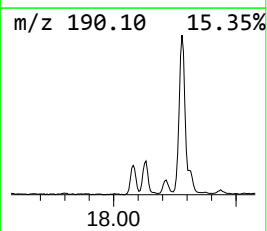
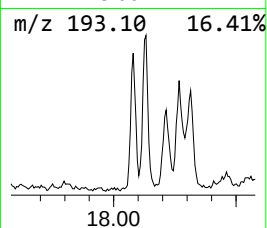
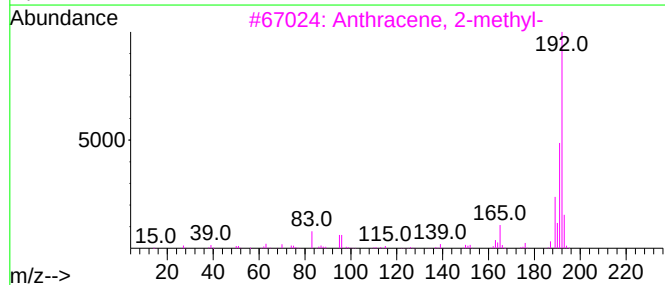
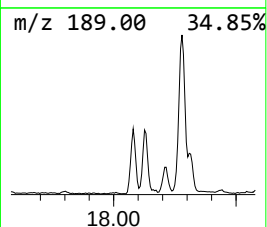
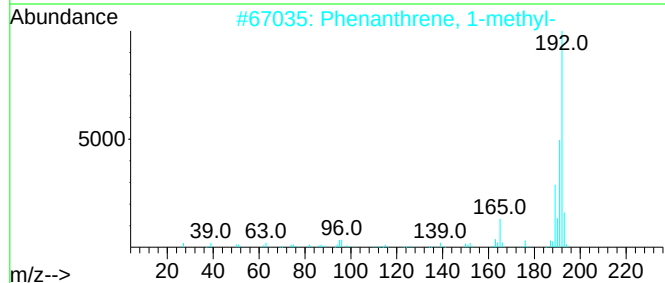
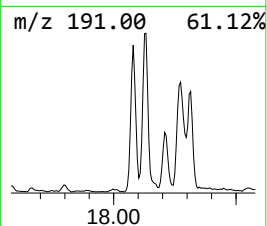
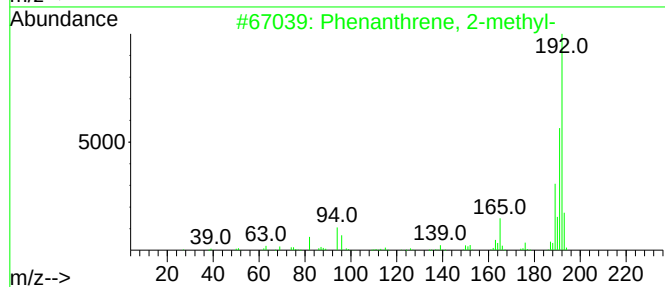
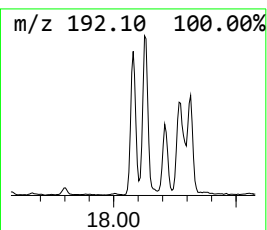
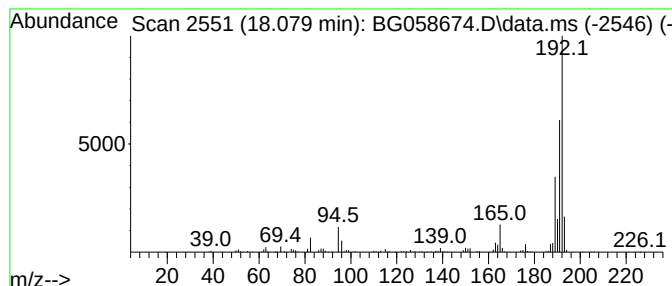
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.079	9.02 ng	318195	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
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ClientSampleId :
NEVINS-SB-01-Z30-32

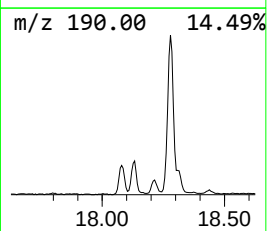
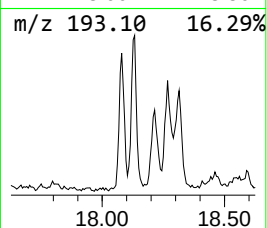
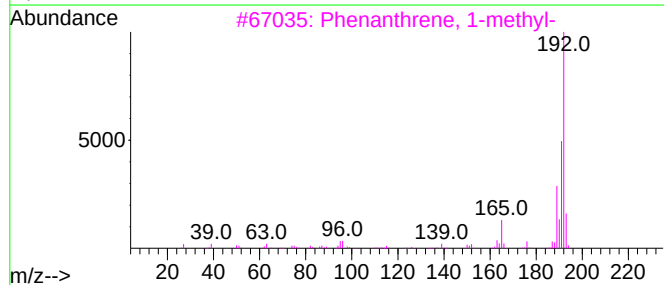
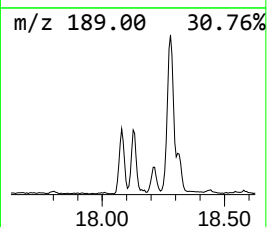
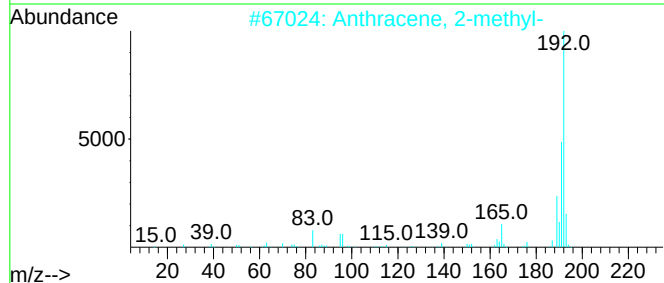
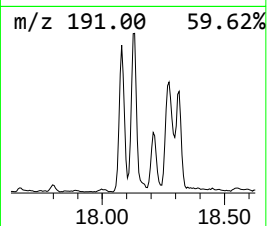
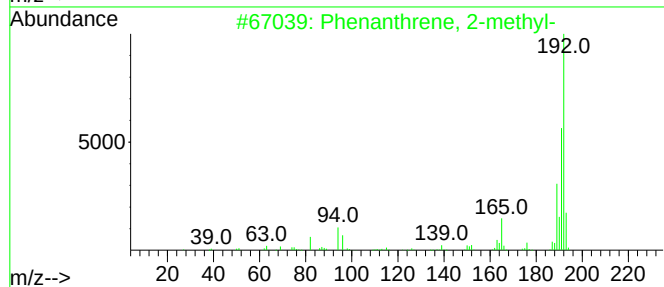
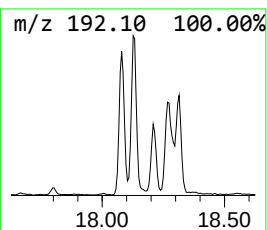
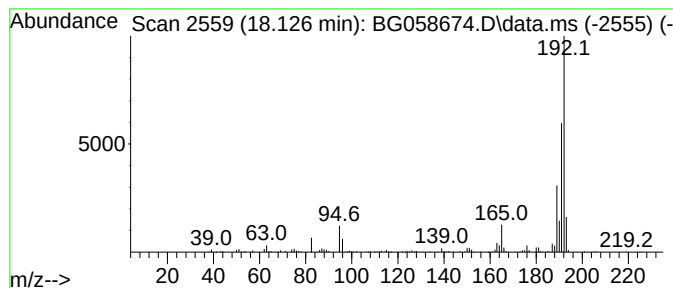
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
18.126	10.37 ng	365777	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
Acq On : 10 Aug 2023 11:24
Operator : MA/JU
Sample : 03932-03 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z30-32

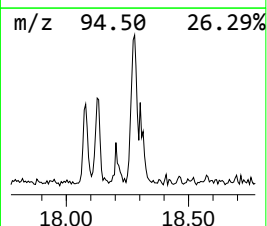
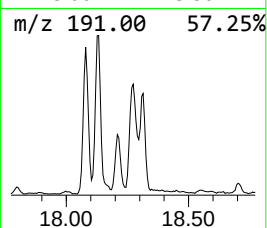
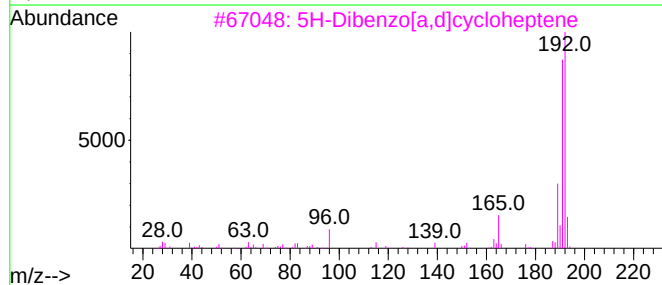
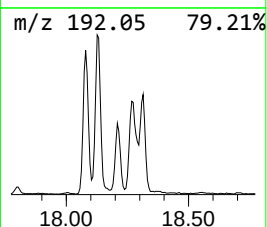
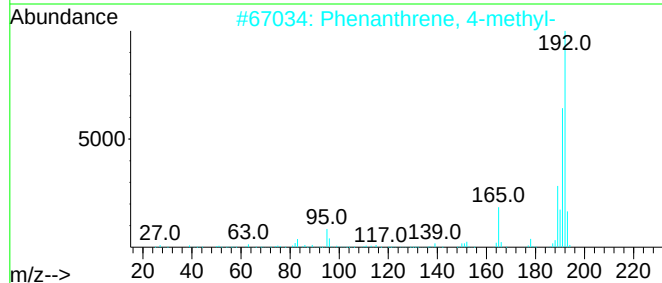
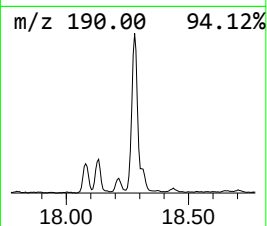
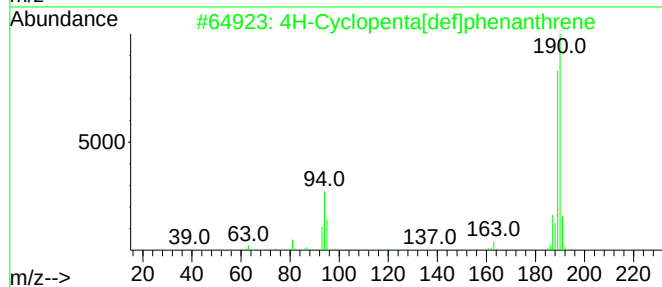
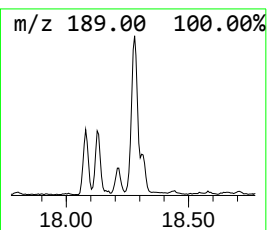
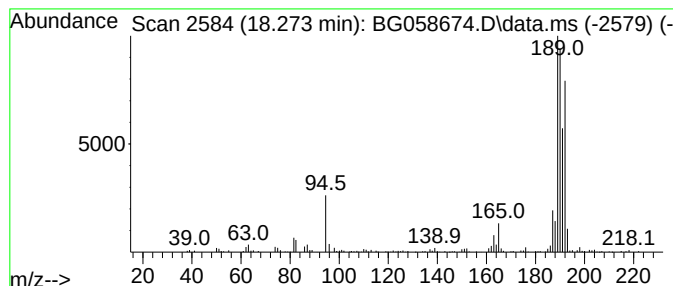
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.273	15.22 ng	536817	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058674.D
Acq On : 10 Aug 2023 11:24
Operator : MA/JU
Sample : 03932-03 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32

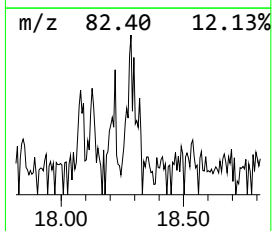
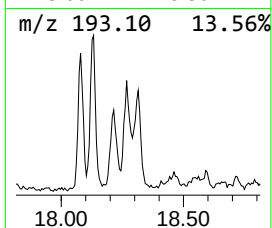
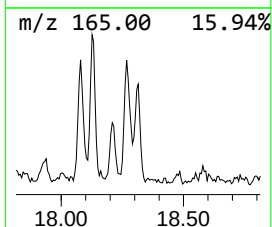
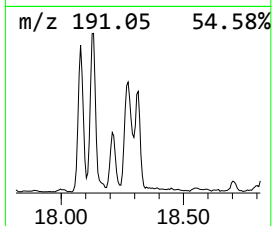
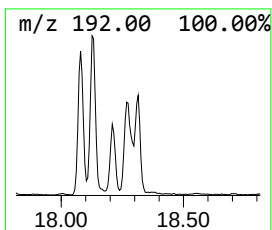
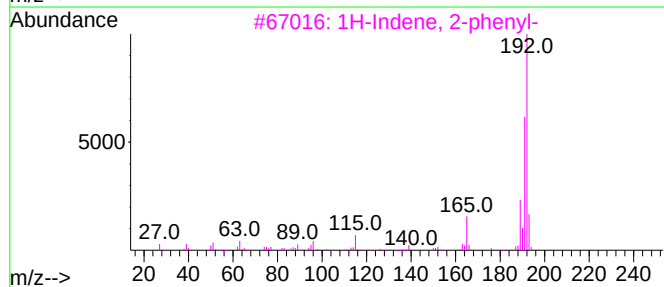
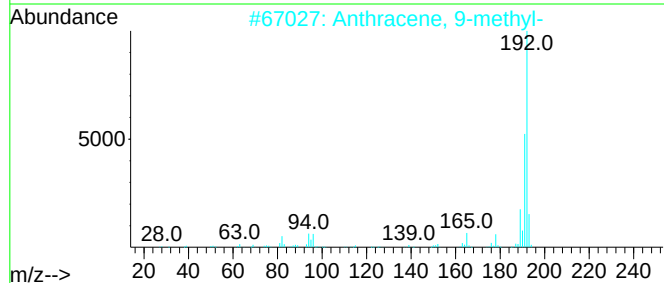
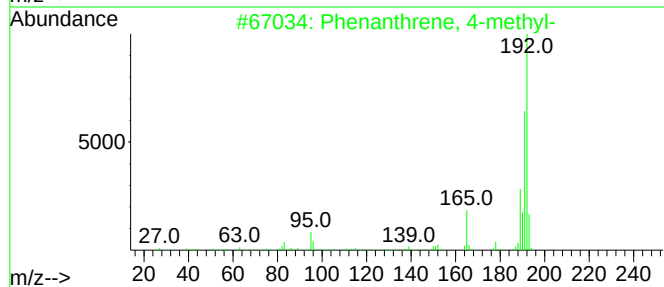
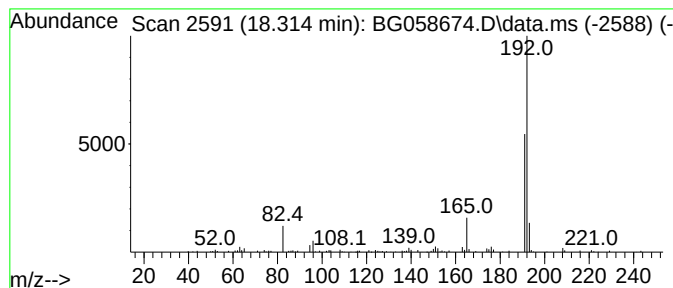
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.314	6.32 ng	222772	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058674.D
 Acq On : 10 Aug 2023 11:24
 Operator : MA/JU
 Sample : 03932-03 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	8.185	44.8	ng	642896	1	7.815	287077	20.0
Benzene, 2-ethy...	8.449	6.5	ng	93220	1	7.815	287077	20.0
Benzene, 2-ethy...	8.914	7.8	ng	111404	1	7.815	287077	20.0
Benzene, 2-ethe...	9.859	6.7	ng	154451	2	10.611	459255	20.0
unknown10.018	10.018	10.3	ng	237403	2	10.611	459255	20.0
1H-Indene, 1-me...	10.112	9.3	ng	212523	2	10.611	459255	20.0
Benzo[b]thiophene	10.776	8.9	ng	204558	2	10.611	459255	20.0
Naphthalene, 1-...	13.485	15.8	ng	545064	3	14.460	689638	20.0
Naphthalene, 1,...	13.632	15.3	ng	528152	3	14.460	689638	20.0
Naphthalene, 2,...	13.778	16.8	ng	579223	3	14.460	689638	20.0
Naphthalene, 2,...	13.831	10.7	ng	369124	3	14.460	689638	20.0
Naphthalene, 1,...	14.013	6.8	ng	235674	3	14.460	689638	20.0
Naphthalene, 2-...	14.666	6.4	ng	219439	3	14.460	689638	20.0
Dibenzothiophene	17.022	9.5	ng	333514	4	17.204	705332	20.0
Phenanthrene, 2...	18.079	9.0	ng	318195	4	17.204	705332	20.0
Anthracene, 2-m...	18.126	10.4	ng	365777	4	17.204	705332	20.0
4H-Cyclopenta[d...	18.273	15.2	ng	536817	4	17.204	705332	20.0
Phenanthrene, 4...	18.314	6.3	ng	222772	4	17.204	705332	20.0