

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061221.D
 Acq On : 16 May 2024 15:16
 Operator : MA/JU
 Sample : P2474-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-114-SB02

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-BG043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061221.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	22	27	42	rVB	238051	393591	30.05%	2.820%
2	3.669	111	116	128	rVB2	32111	56080	4.28%	0.402%
3	5.526	422	432	439	rBV	337436	541310	41.32%	3.878%
4	5.955	499	505	513	rBV7	14396	28601	2.18%	0.205%
5	6.425	580	585	593	rBV7	9822	21965	1.68%	0.157%
6	6.601	612	615	623	rVB2	16520	26091	1.99%	0.187%
7	7.106	690	701	712	rBV	359197	653658	49.90%	4.683%
8	7.929	833	841	847	rVB2	93088	169032	12.90%	1.211%
9	9.086	1031	1038	1044	rBV	227345	409381	31.25%	2.933%
10	9.151	1046	1049	1054	rVB3	15537	23064	1.76%	0.165%
11	10.491	1272	1277	1286	rVB2	36270	64290	4.91%	0.461%
12	10.720	1306	1316	1322	rBV	123668	259716	19.83%	1.861%
13	10.773	1322	1325	1332	rVB2	21091	35021	2.67%	0.251%
14	10.884	1340	1344	1348	rVB2	20148	27608	2.11%	0.198%
15	11.636	1465	1472	1479	rVB7	13914	28861	2.20%	0.207%
16	11.748	1485	1491	1496	rBV	51857	82811	6.32%	0.593%
17	12.142	1553	1558	1568	rBV	35753	56499	4.31%	0.405%
18	12.377	1593	1598	1608	rVB	45379	81196	6.20%	0.582%
19	12.600	1630	1636	1643	rVV	55758	97807	7.47%	0.701%
20	13.093	1716	1720	1725	rVB2	34085	48950	3.74%	0.351%
21	13.176	1725	1734	1741	rBV	581599	926098	70.70%	6.635%
22	13.387	1761	1770	1775	rBV3	54986	96873	7.40%	0.694%
23	13.605	1800	1807	1814	rBV10	10447	25688	1.96%	0.184%
24	13.722	1821	1827	1829	rBV4	18265	32622	2.49%	0.234%
25	13.834	1841	1846	1848	rBV6	15570	23084	1.76%	0.165%
26	13.875	1848	1853	1858	rVV2	66950	124062	9.47%	0.889%
27	13.934	1858	1863	1868	rVV	56912	94872	7.24%	0.680%
28	13.981	1868	1871	1876	rVV5	16631	25816	1.97%	0.185%
29	14.039	1876	1881	1886	rVV	65817	97389	7.43%	0.698%
30	14.116	1890	1894	1897	rVV2	34596	54681	4.17%	0.392%
31	14.151	1897	1900	1906	rVB4	16436	25439	1.94%	0.182%
32	14.280	1918	1922	1930	rVB7	20530	36827	2.81%	0.264%
33	14.386	1934	1940	1944	rBV7	13993	23986	1.83%	0.172%
34	14.456	1947	1952	1959	rVB	60108	84304	6.44%	0.604%
35	14.556	1959	1969	1974	rBV	218653	387745	29.60%	2.778%
36	14.780	2005	2007	2012	rVB	173137	193944	14.81%	1.390%

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Integrator: RTE

Smoothing : ON

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.956	2031	2037	2042	rVB2	46720	70193	5.36%	0.503%
38	15.032	2044	2050	2054	rVB2	27906	46157	3.52%	0.331%
39	15.079	2054	2058	2066	rBV6	20442	35304	2.70%	0.253%
40	15.179	2070	2075	2079	rVV2	33517	52703	4.02%	0.378%
41	15.226	2079	2083	2087	rVB	24831	34955	2.67%	0.250%
42	15.350	2097	2104	2108	rBV4	55351	101780	7.77%	0.729%
43	15.408	2111	2114	2119	rVB	60689	77382	5.91%	0.554%
44	15.479	2119	2126	2129	rBV6	14777	32984	2.52%	0.236%
45	15.596	2141	2146	2150	rBV	55242	82058	6.26%	0.588%
46	15.649	2150	2155	2161	rVB7	15532	29287	2.24%	0.210%
47	15.820	2180	2184	2189	rVB2	47888	72012	5.50%	0.516%
48	15.902	2190	2198	2203	rVB3	48253	90634	6.92%	0.649%
49	15.972	2206	2210	2215	rVV7	13519	30986	2.37%	0.222%
50	16.049	2215	2223	2231	rVV	570089	920687	70.29%	6.597%
51	16.131	2235	2237	2245	rVB2	29197	46922	3.58%	0.336%
52	16.295	2256	2265	2275	rBV	162595	353813	27.01%	2.535%
53	16.419	2281	2286	2290	rBV6	16645	24133	1.84%	0.173%
54	16.619	2316	2320	2325	rVB4	14120	22857	1.74%	0.164%
55	16.719	2332	2337	2341	rBV7	12119	26814	2.05%	0.192%
56	16.842	2352	2358	2362	rBV3	54918	110695	8.45%	0.793%
57	16.877	2362	2364	2368	rVB4	18434	25288	1.93%	0.181%
58	16.959	2374	2378	2385	rBV5	28059	57426	4.38%	0.411%
59	17.065	2386	2396	2402	rVV2	94642	199115	15.20%	1.427%
60	17.124	2402	2406	2416	rVB5	36552	85287	6.51%	0.611%
61	17.306	2431	2437	2441	rBV	271019	426339	32.55%	3.055%
62	17.347	2441	2444	2450	rVB	100060	142101	10.85%	1.018%
63	17.488	2465	2468	2473	rBV5	17079	22340	1.71%	0.160%
64	17.623	2487	2491	2496	rVB3	38247	64177	4.90%	0.460%
65	17.805	2517	2522	2528	rVB	90563	125466	9.58%	0.899%
66	17.982	2545	2552	2556	rBV9	12477	35760	2.73%	0.256%
67	18.187	2582	2587	2588	rBV	46919	63873	4.88%	0.458%
68	18.229	2588	2594	2601	rVB3	111171	263323	20.10%	1.887%
69	18.305	2603	2607	2611	rBV6	17708	27509	2.10%	0.197%
70	18.370	2613	2618	2622	rVV	80867	129182	9.86%	0.926%
71	18.417	2622	2626	2632	rVB	57268	87195	6.66%	0.625%
72	18.499	2635	2640	2644	rBV	97955	127815	9.76%	0.916%
73	18.681	2667	2671	2675	rBV2	45076	61422	4.69%	0.440%
74	18.928	2710	2713	2719	rVV5	34522	67119	5.12%	0.481%
75	18.981	2719	2722	2726	rVV2	34405	59327	4.53%	0.425%
76	19.022	2726	2729	2732	rVB2	31553	39428	3.01%	0.282%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.098	2738	2742	2745	rBV	81506	131998	10.08%	0.946%
78	19.127	2745	2747	2750	rVB	69060	72992	5.57%	0.523%
79	19.192	2755	2758	2762	rVB	47565	56831	4.34%	0.407%
80	19.239	2762	2766	2774	rBV2	34968	68277	5.21%	0.489%
81	19.362	2782	2787	2794	rVB	125519	184694	14.10%	1.323%
82	19.427	2794	2798	2801	rBV	28653	41494	3.17%	0.297%
83	19.462	2801	2804	2808	rBV5	25336	35768	2.73%	0.256%
84	19.609	2825	2829	2832	rBV2	35840	52629	4.02%	0.377%
85	19.703	2841	2845	2847	rBV2	71248	97572	7.45%	0.699%
86	19.797	2857	2861	2869	rVB3	61489	108405	8.28%	0.777%
87	19.927	2878	2883	2887	rVB	1034196	1309916	100.00%	9.385%
88	20.038	2899	2902	2905	rBV5	38870	56319	4.30%	0.404%
89	20.132	2915	2918	2921	rBV4	24096	36774	2.81%	0.263%
90	20.173	2921	2925	2929	rVV4	36912	77462	5.91%	0.555%
91	20.232	2933	2935	2942	rVB	79642	98676	7.53%	0.707%
92	20.520	2980	2984	2986	rBV2	23530	35256	2.69%	0.253%
93	20.731	3016	3020	3023	rBV	78071	89617	6.84%	0.642%
94	20.978	3057	3062	3066	rVB	62795	94610	7.22%	0.678%
95	21.225	3100	3104	3113	rVB2	105980	158327	12.09%	1.134%
96	21.566	3155	3162	3166	rBV2	303675	558880	42.67%	4.004%
97	21.760	3191	3195	3200	rBV	59970	94309	7.20%	0.676%
98	22.353	3291	3296	3304	rVB3	67821	119016	9.09%	0.853%
99	23.699	3521	3525	3534	rVB	34355	77171	5.89%	0.553%
100	24.686	3684	3693	3709	rBV	192313	569250	43.46%	4.079%

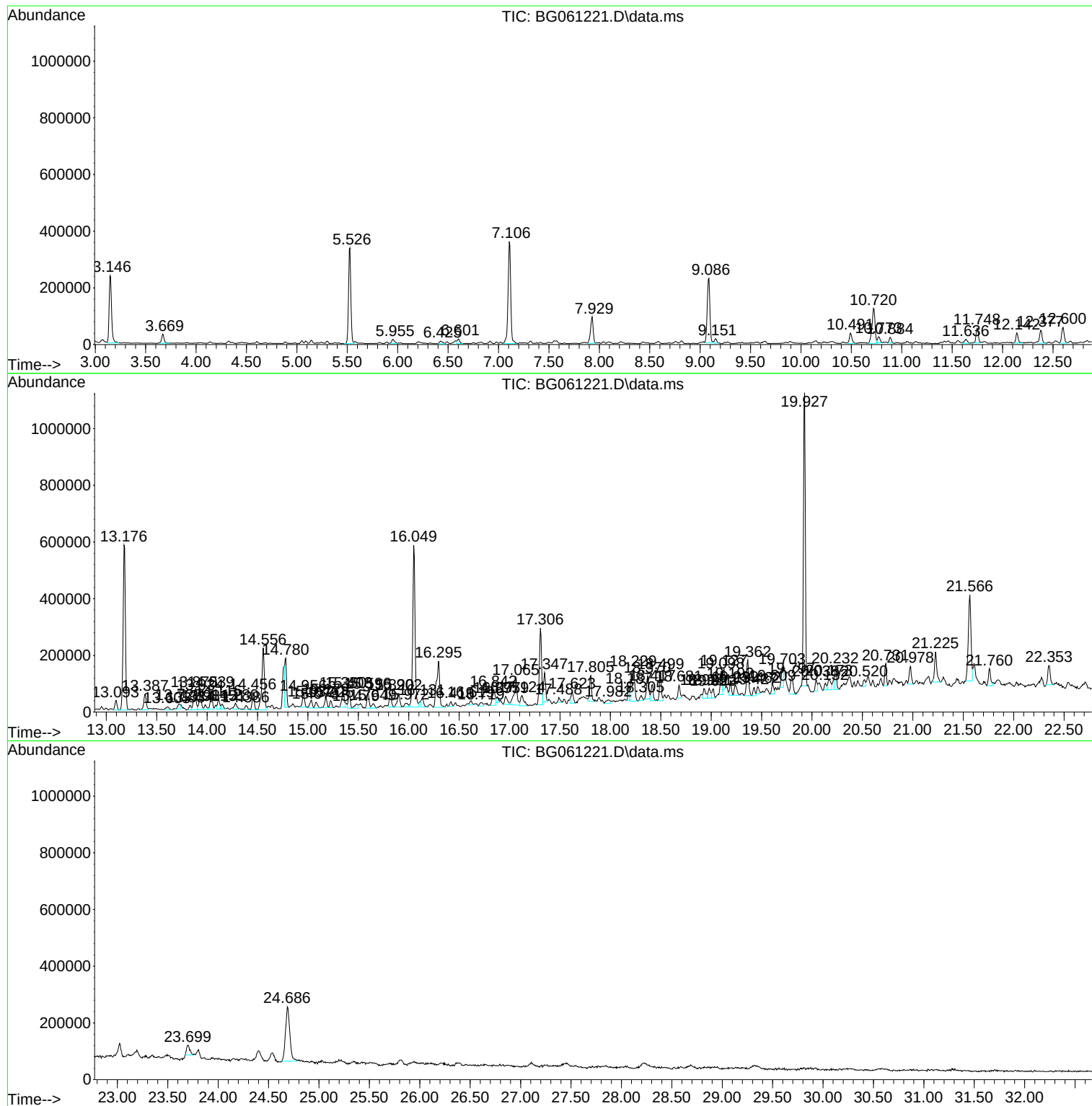
Sum of corrected areas: 13957053

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
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Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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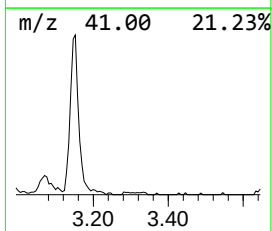
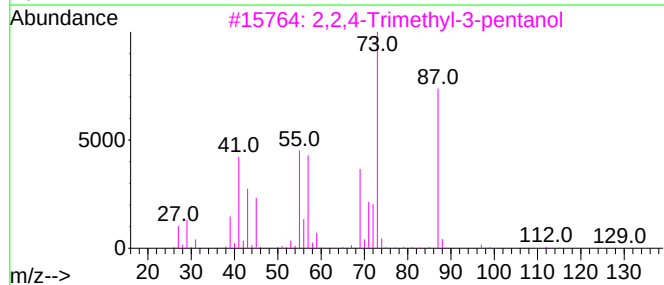
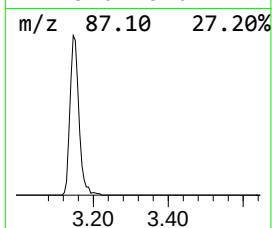
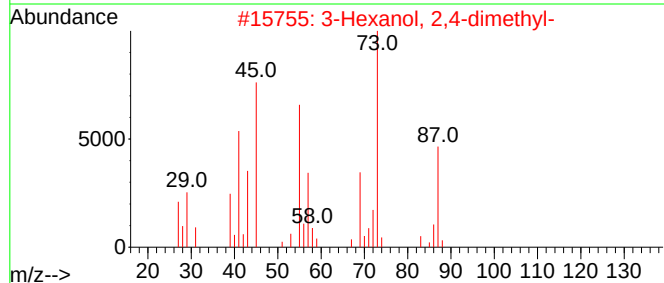
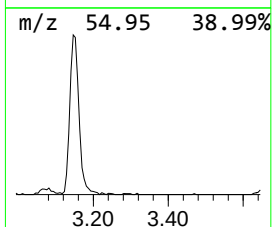
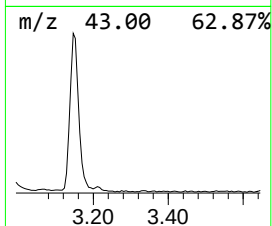
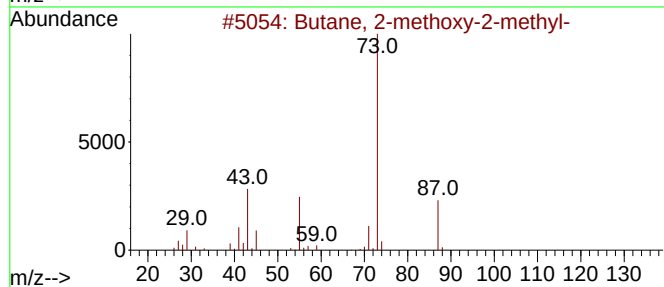
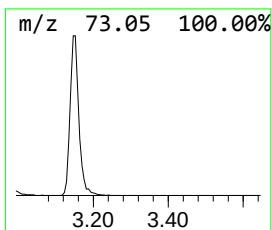
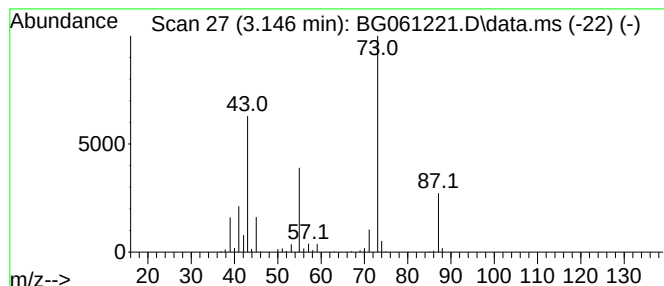
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.146	46.57 ng	393591	1,4-Dichlorobenzene-d4	7.929

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	45
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28



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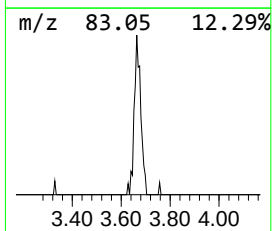
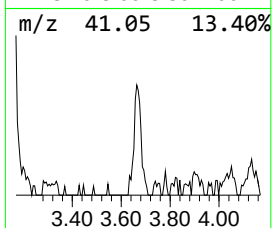
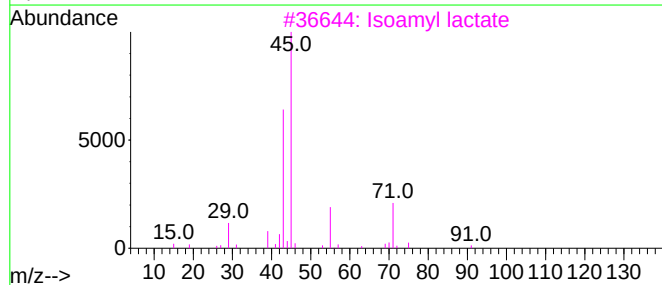
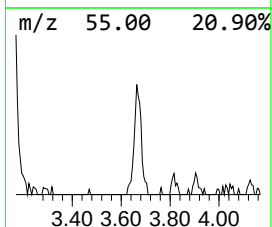
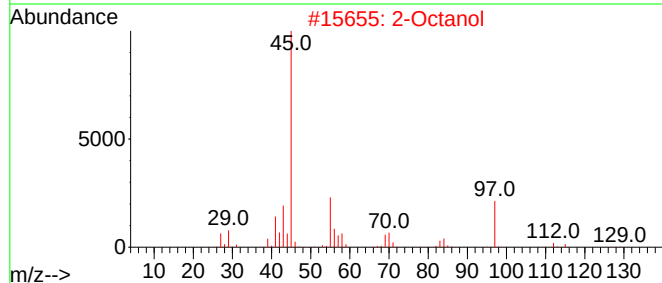
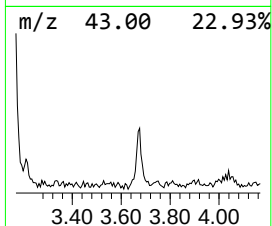
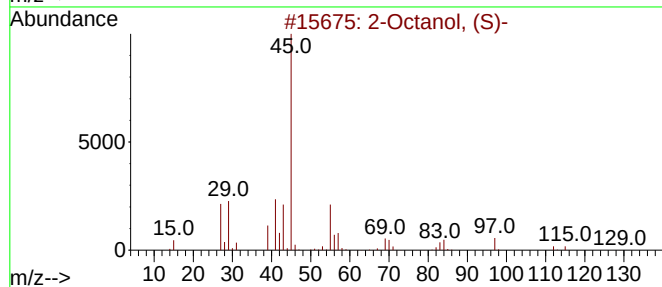
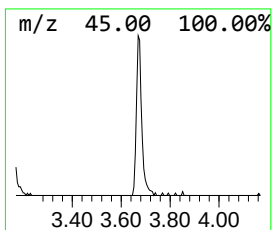
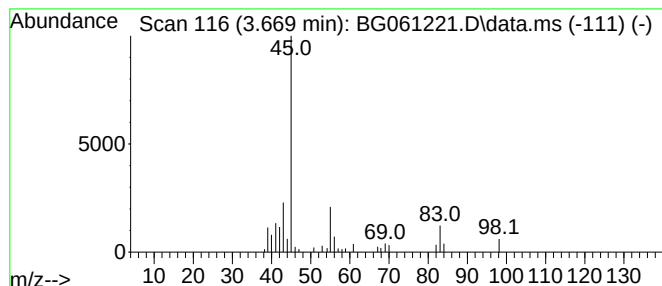
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Octanol, (S)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.669	6.64 ng	56080	1,4-Dichlorobenzene-d4	7.929

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octanol, (S)-	130	C8H18O	006169-06-8	64
2		2-Octanol	130	C8H18O	000123-96-6	64
3		Isoamyl lactate	160	C8H16O3	019329-89-6	59
4		2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	56
5		2-Heptanol	116	C7H16O	000543-49-7	56



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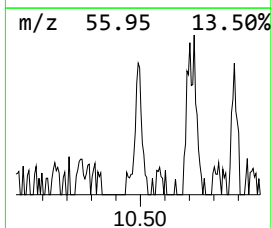
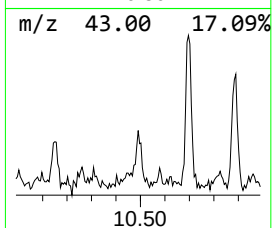
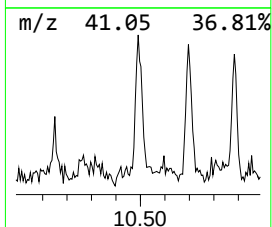
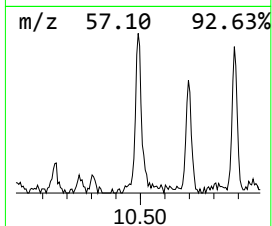
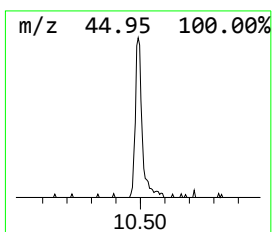
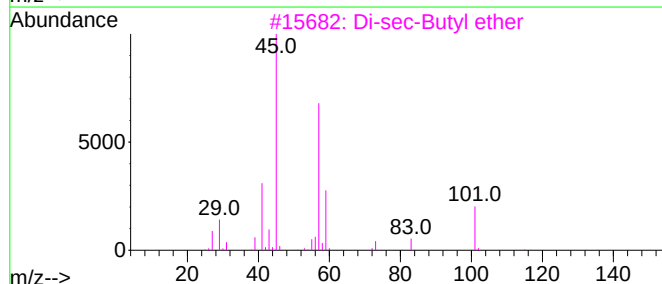
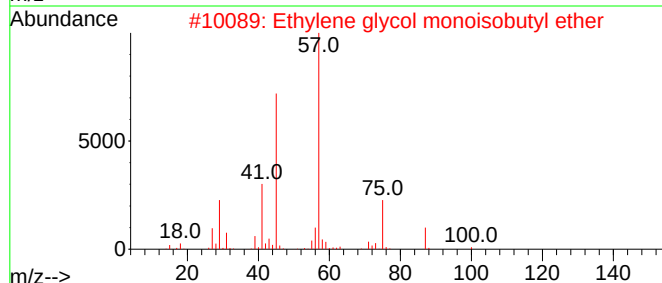
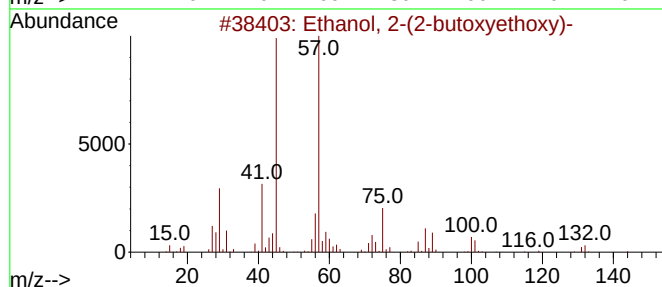
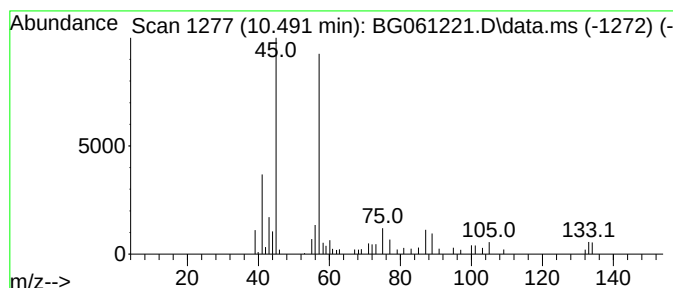
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.491	4.95 ng	64290	Naphthalene-d8	10.726	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	50
5	2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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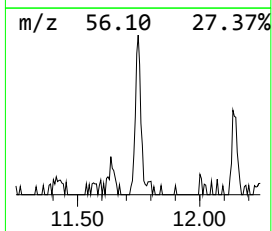
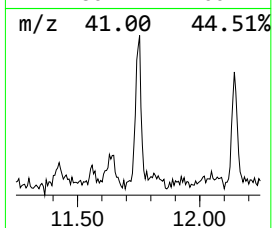
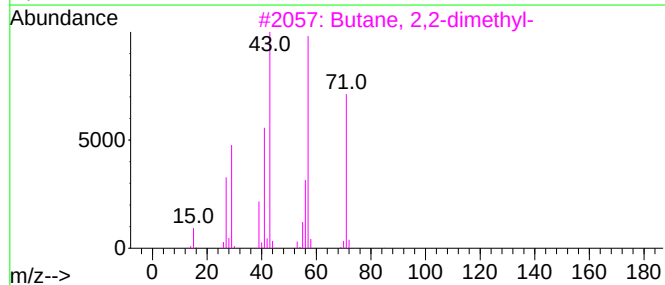
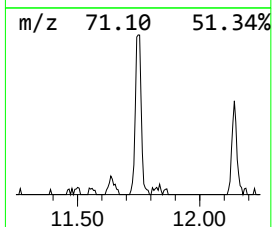
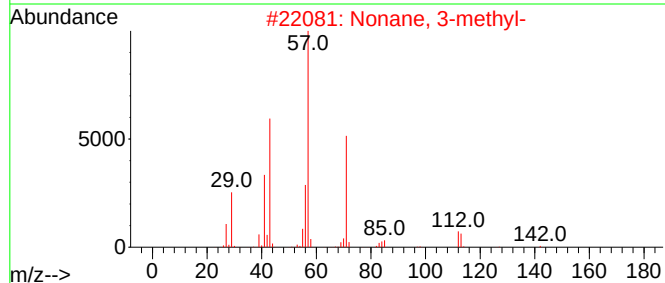
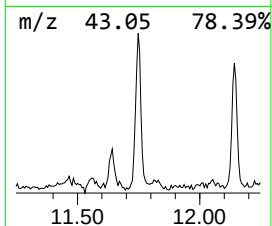
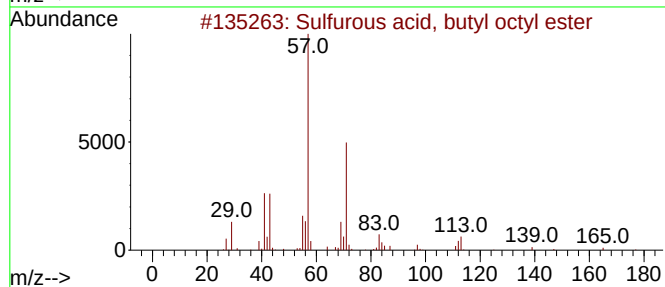
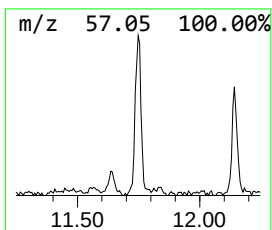
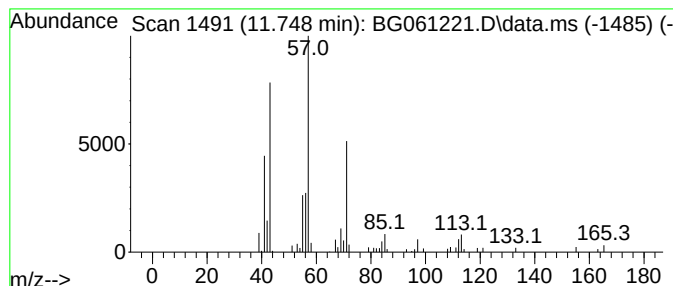
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Sulfurous acid, butyl octyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.748	6.38 ng	82811	Naphthalene-d8	10.726

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	80
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5			Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
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Sample : P2474-01
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ClientSampleId :
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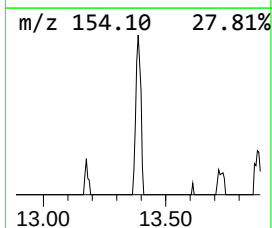
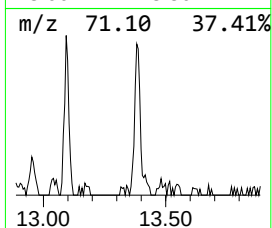
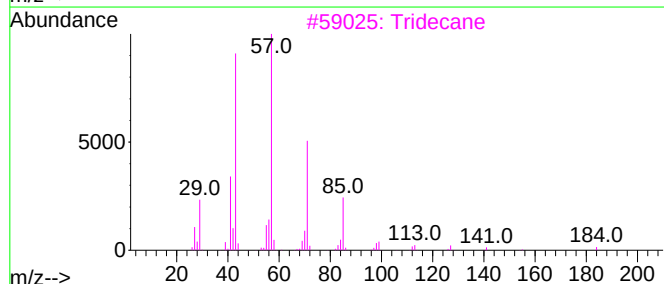
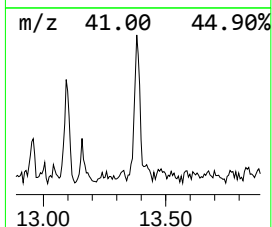
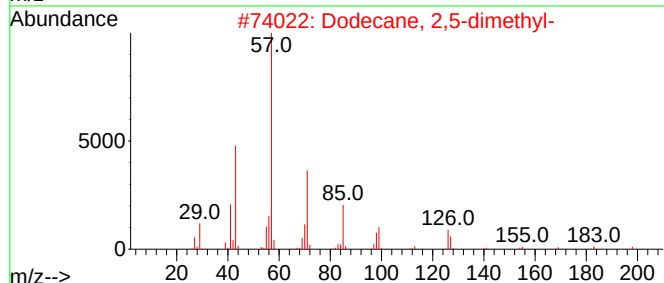
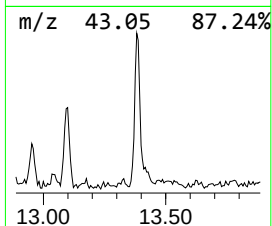
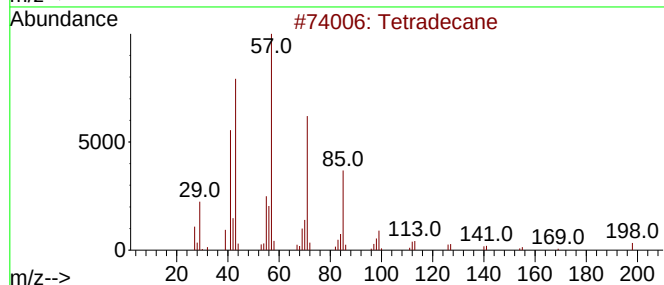
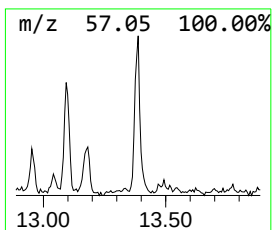
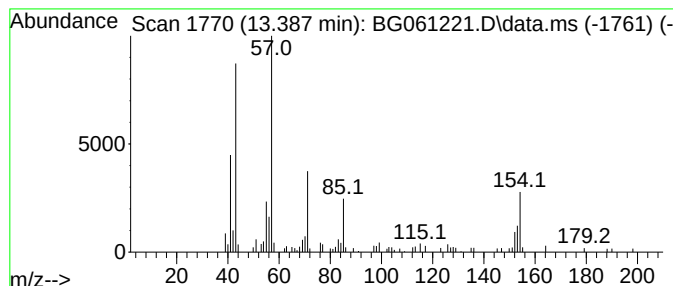
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.387	5.00 ng	96873	Acenaphthene-d10	14.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	50
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	49
3			Tridecane	184	C13H28	000629-50-5	43
4			Hexadecane	226	C16H34	000544-76-3	38
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
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Sample : P2474-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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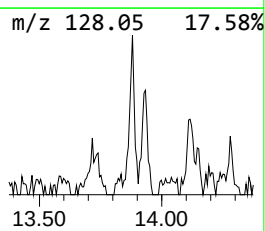
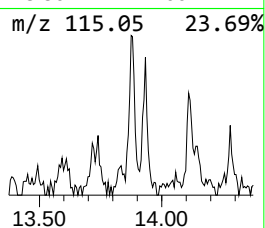
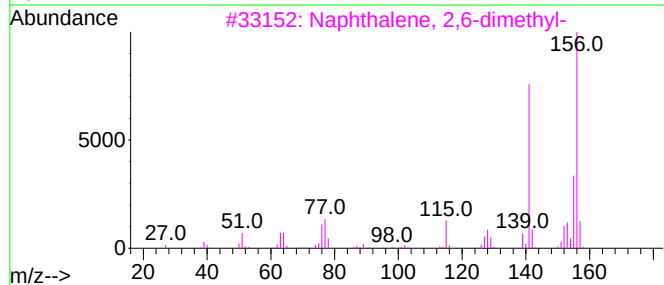
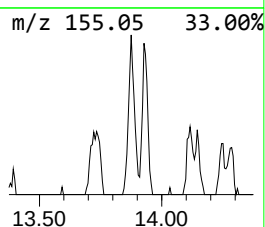
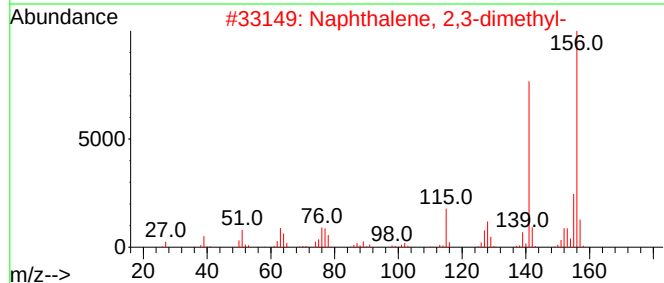
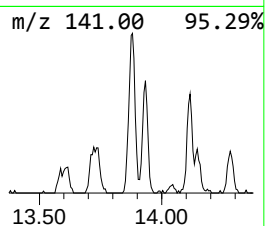
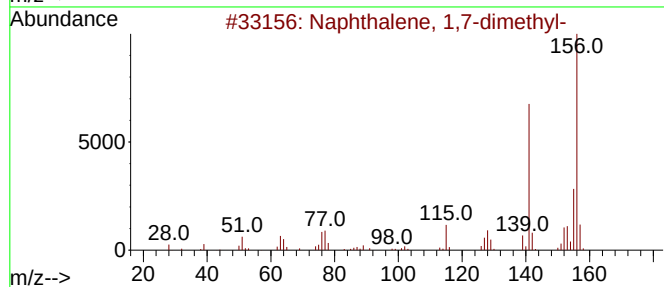
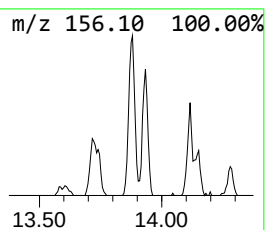
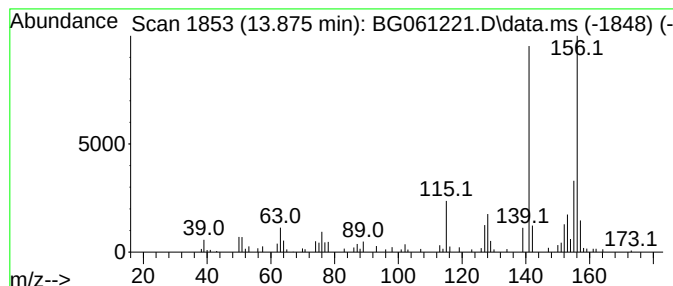
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.875	6.40 ng	124062	Acenaphthene-d10	14.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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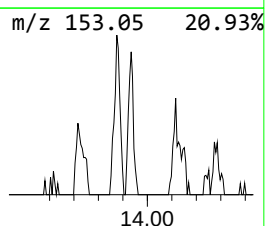
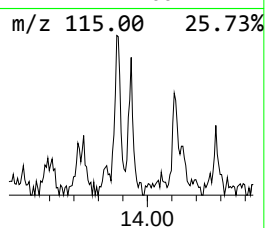
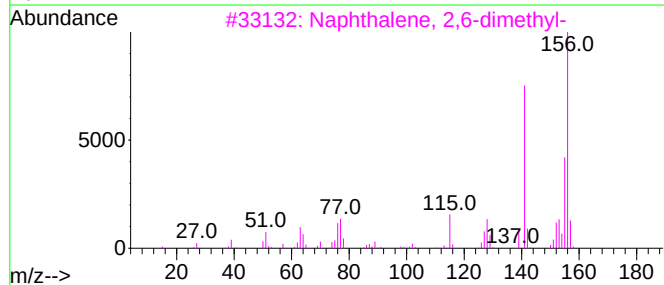
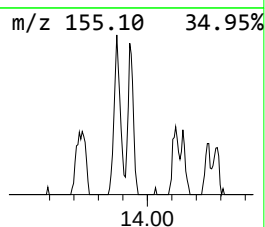
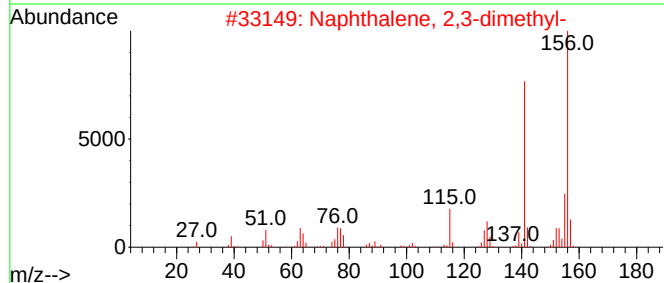
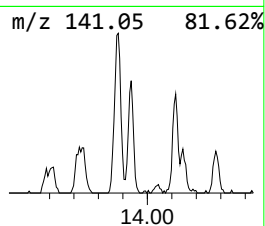
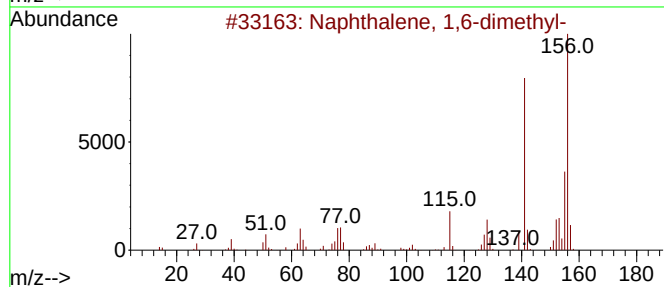
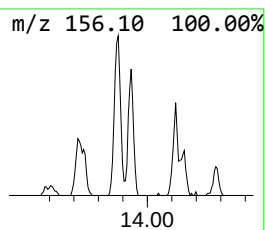
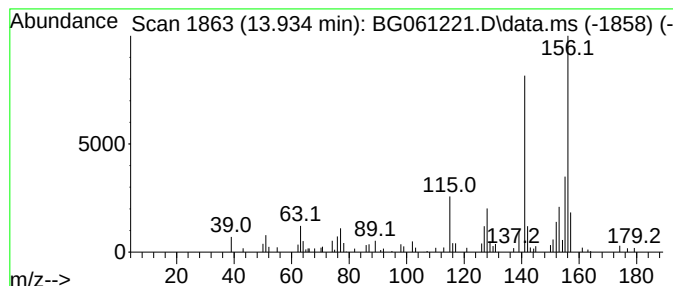
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	4.89 ng	94872	Acenaphthene-d10	14.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
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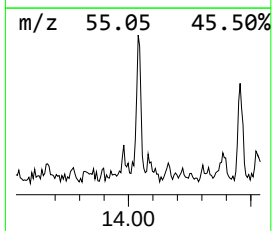
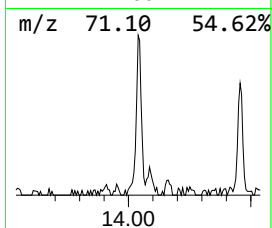
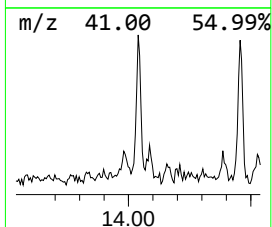
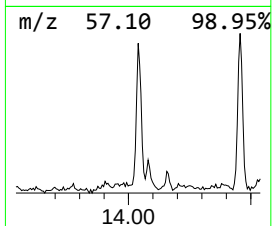
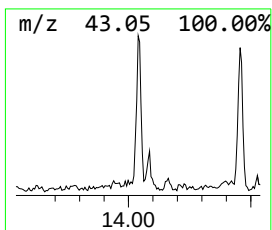
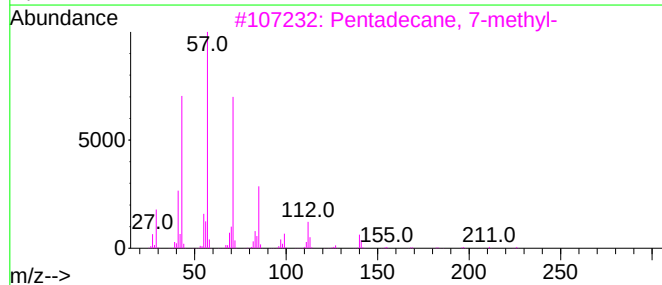
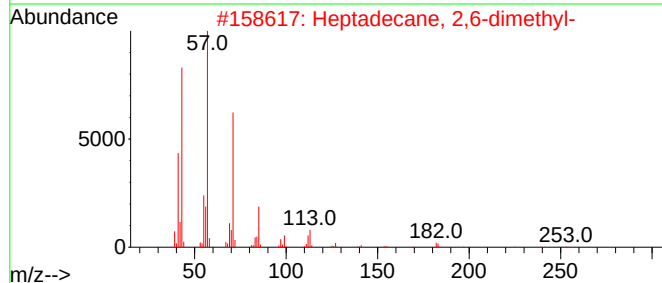
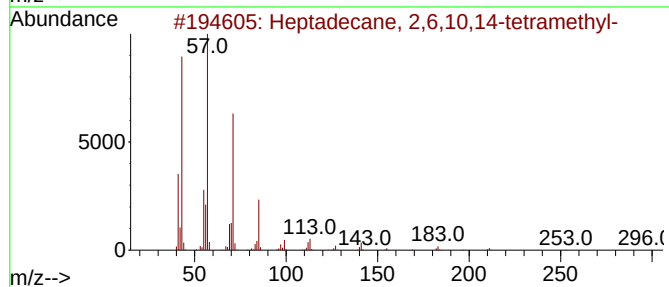
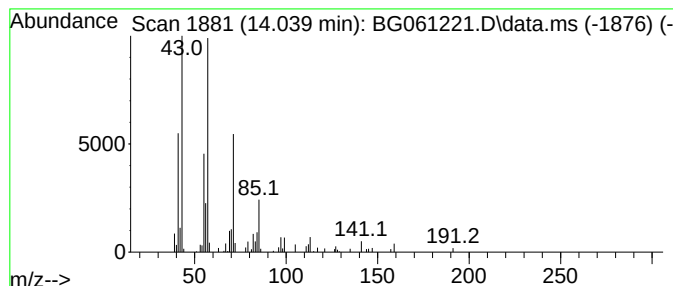
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,14-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.039	5.02 ng	97389	Acenaphthene-d10	14.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
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Acq On : 16 May 2024 15:16
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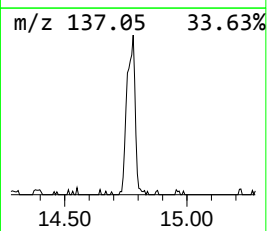
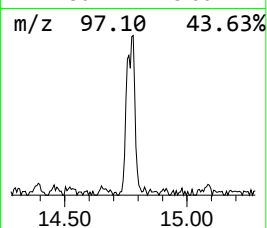
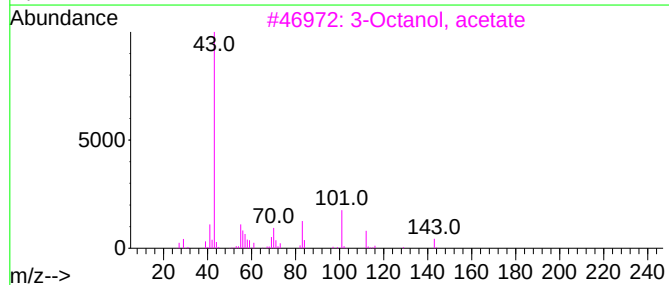
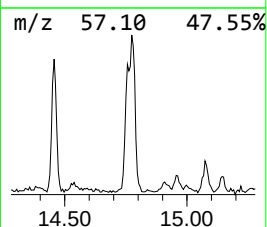
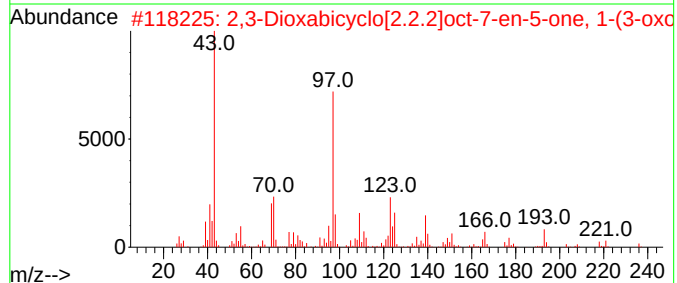
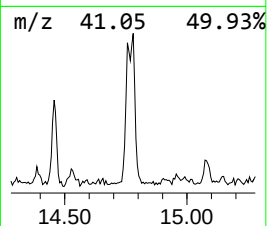
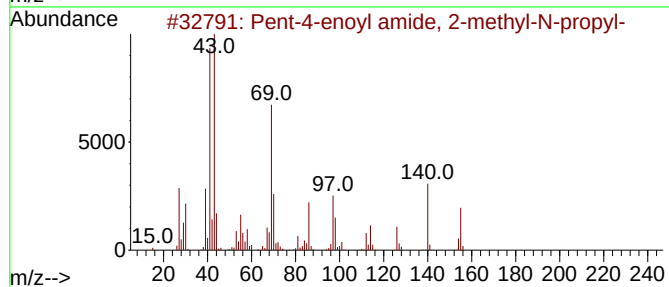
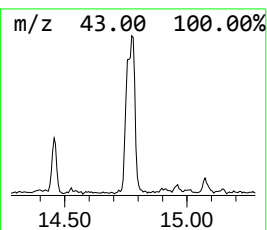
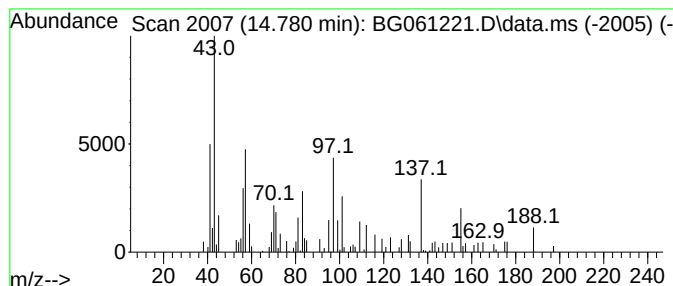
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.780 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	10.00 ng	193944	Acenaphthene-d10	14.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pent-4-enoyl amide, 2-methyl-N-p...	155	C9H17NO	1000420-35-2	14
2			2,3-Dioxabicyclo[2.2.2]oct-7-en-...	236	C13H16O4	1000196-81-3	10
3			3-Octanol, acetate	172	C10H20O2	004864-61-3	10
4			3-Buten-2-ol, 2-methyl-4-(1,3,3-...	224	C14H24O2	072294-84-9	10
5			Limonene oxide, cis-	152	C10H16O	013837-75-7	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
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ClientSampleId :
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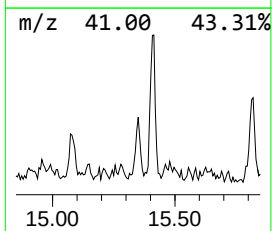
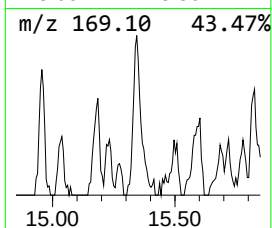
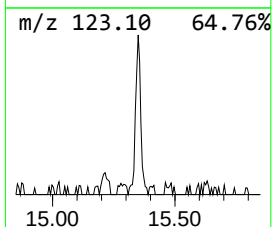
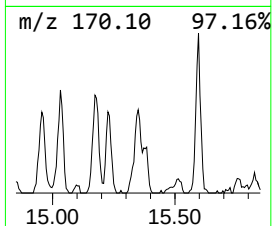
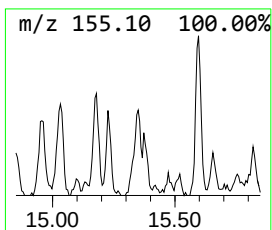
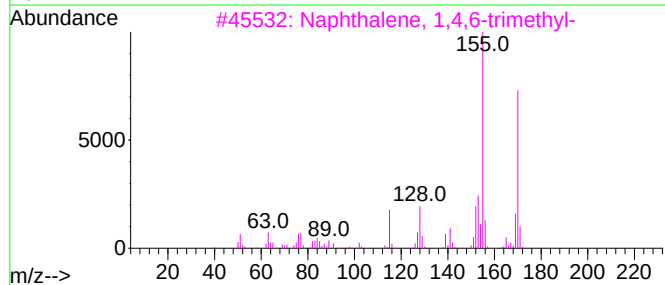
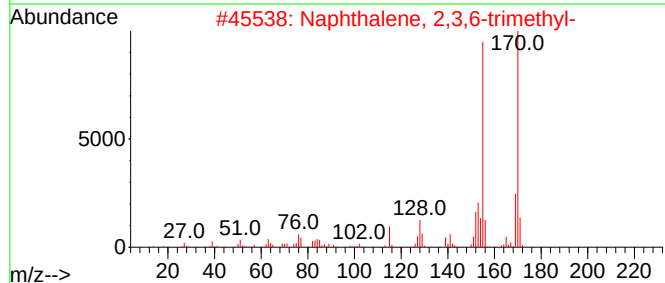
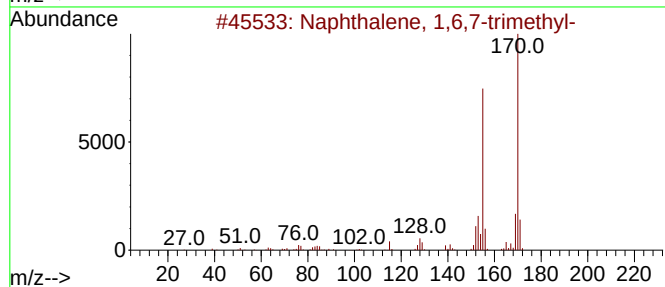
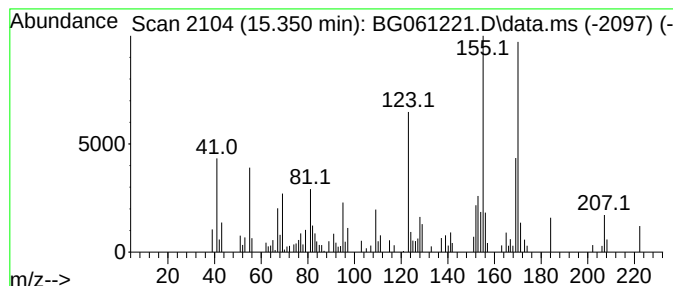
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.350	5.25 ng	101780	Acenaphthene-d10	14.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

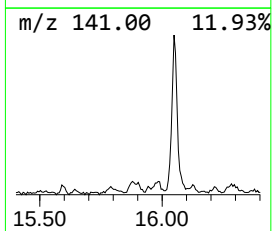
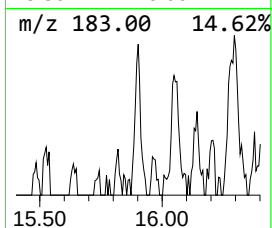
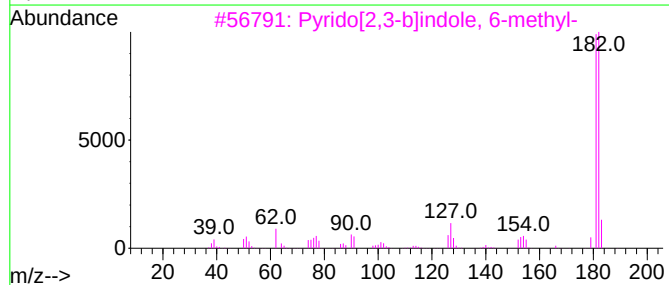
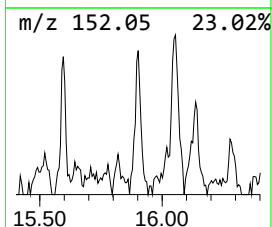
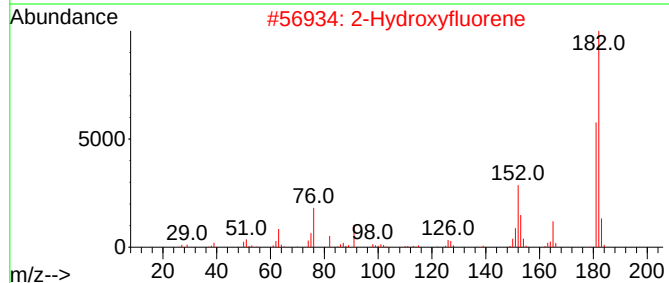
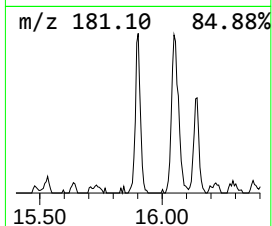
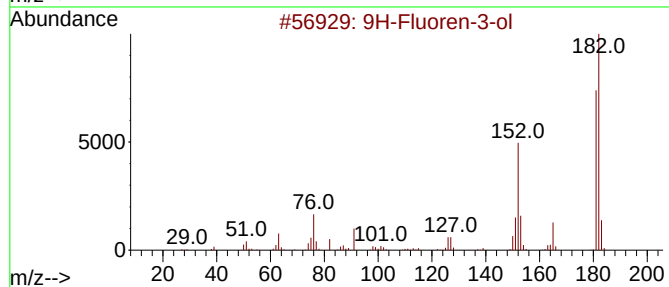
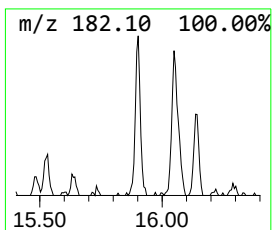
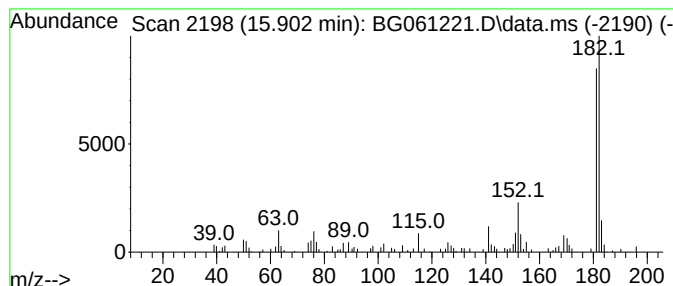
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9H-Fluoren-3-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.902	4.67 ng	90634	Acenaphthene-d10	14.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	86
3	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	59
4	Norharmine, N-methyl-	182	C12H10N2	1010374-78-6	59
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
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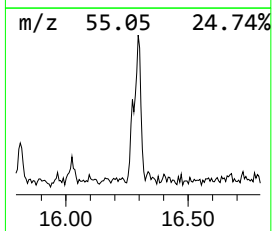
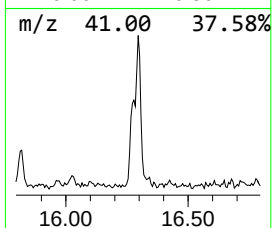
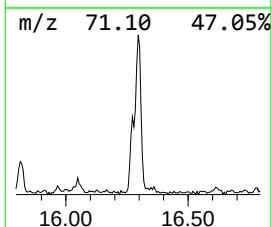
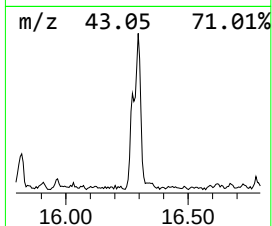
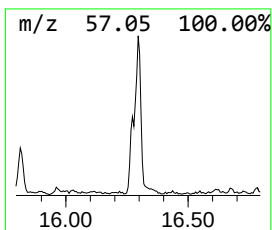
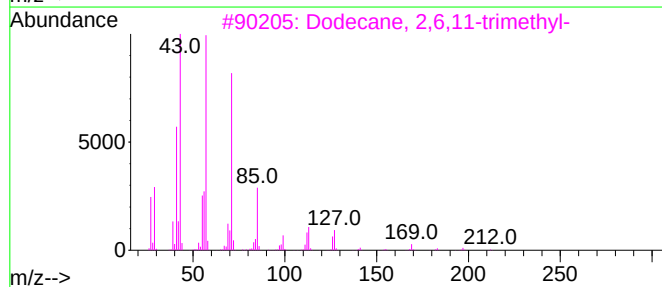
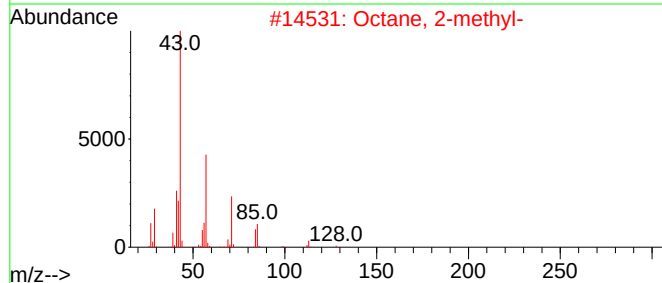
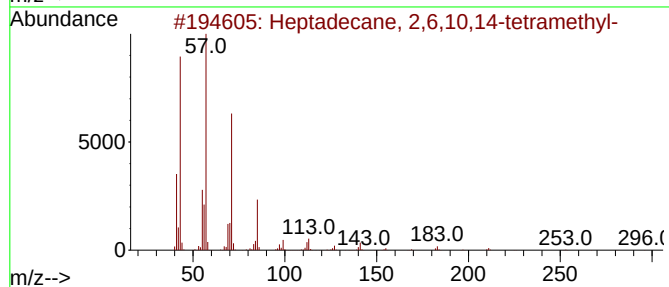
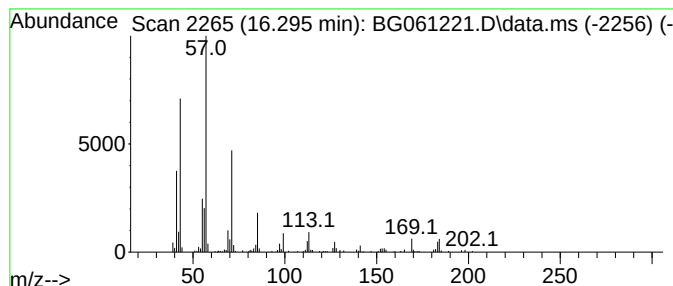
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.296	16.60 ng	353813	Phenanthrene-d10	17.306

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
2		Octane, 2-methyl-	128	C9H20	003221-61-2	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	62
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
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Sample : P2474-01
Misc :
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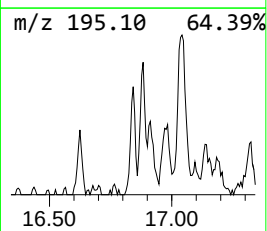
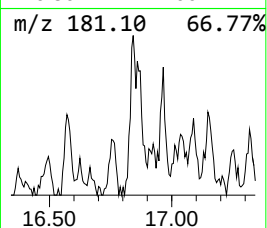
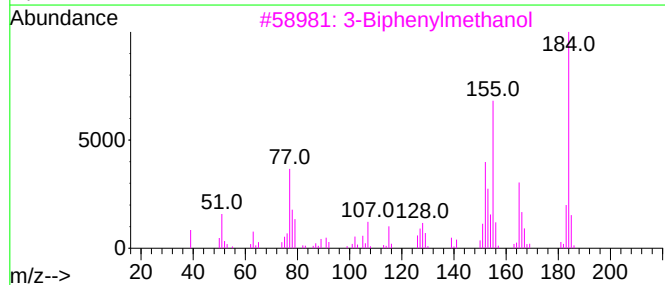
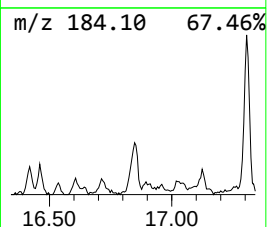
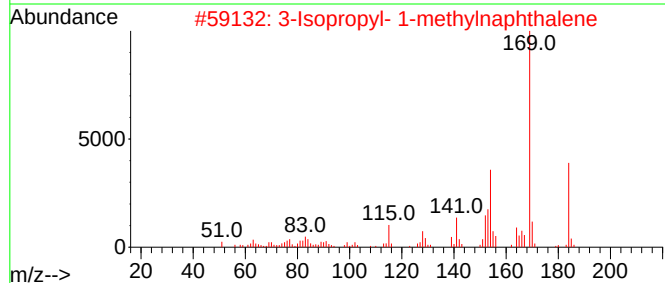
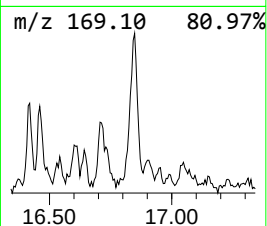
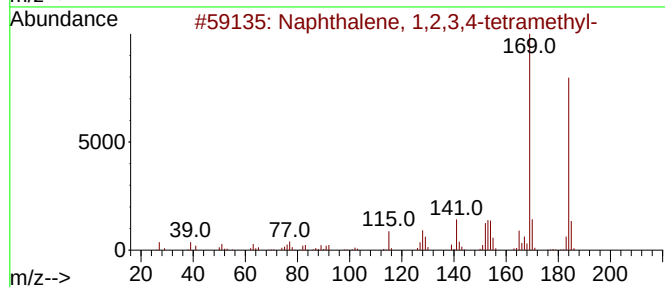
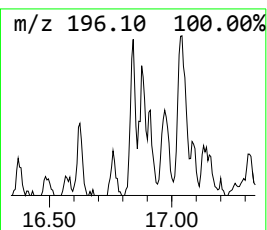
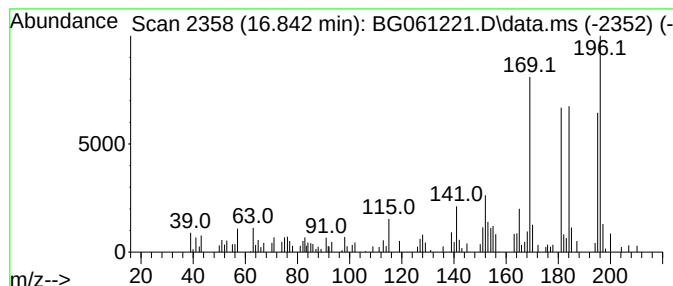
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,2,3,4-tetram... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.842	5.19 ng	110695	Phenanthrene-d10	17.306

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	83
2		3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	46
3		3-Biphenylmethanol	184	C13H12O	069605-90-9	45
4		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	42
5		Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
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Acq On : 16 May 2024 15:16
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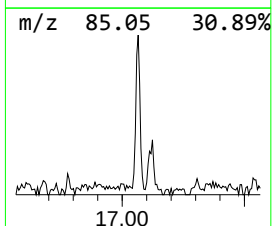
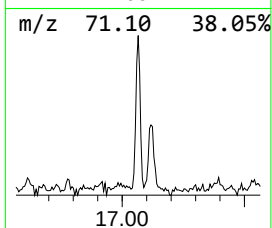
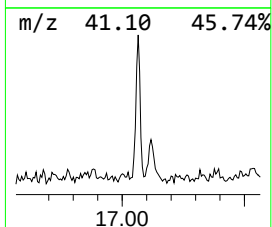
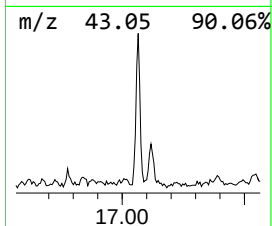
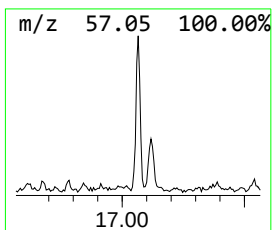
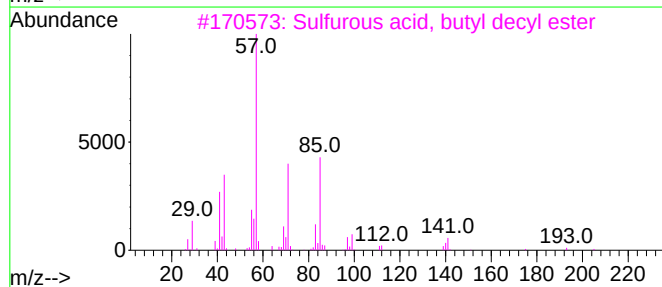
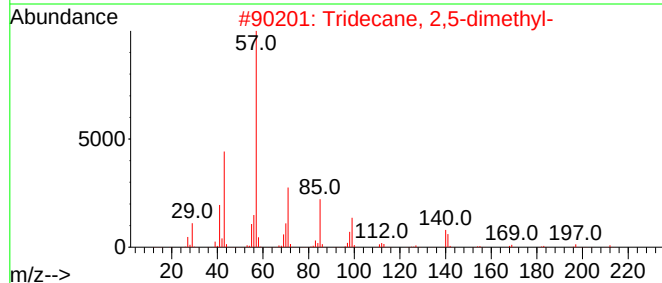
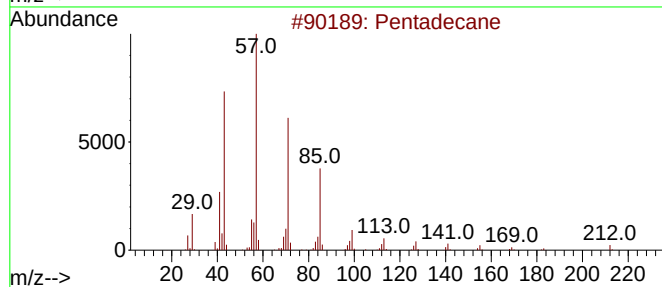
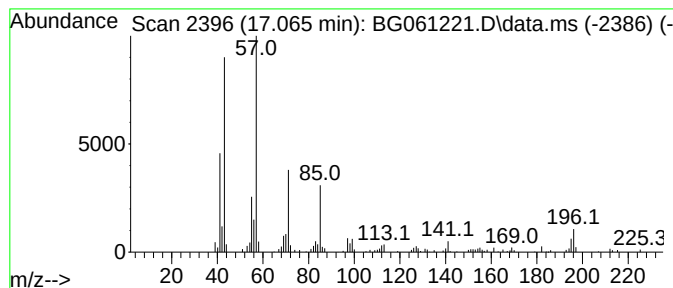
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.065	9.34 ng	199115	Phenanthrene-d10	17.306

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	92
2		Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	68
3		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	58
5		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
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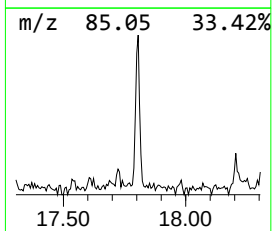
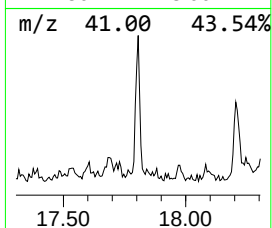
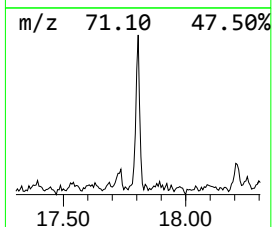
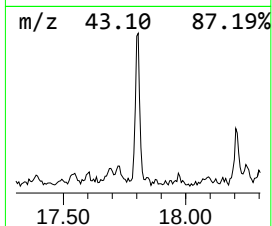
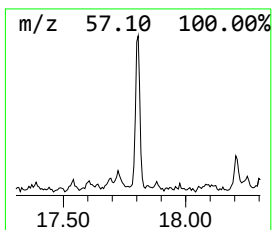
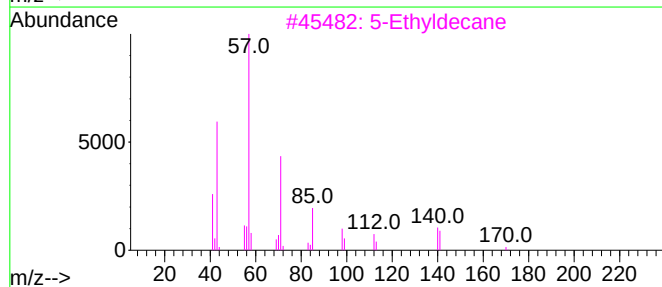
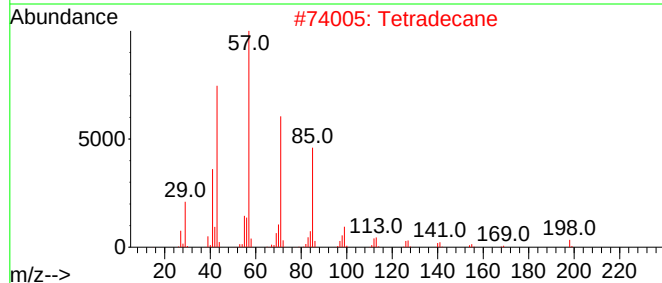
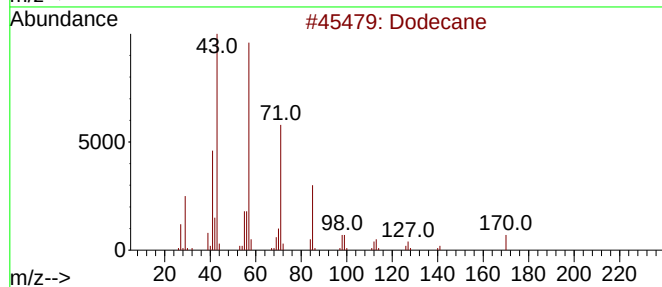
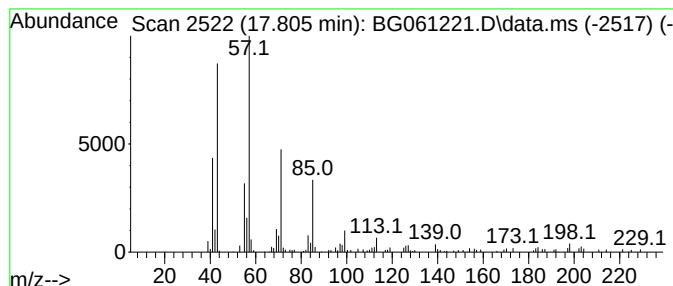
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.805	5.89 ng	125466	Phenanthrene-d10	17.306

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	87
2		Tetradecane	198	C14H30	000629-59-4	80
3		5-Ethyldecane	170	C12H26	017302-36-2	80
4		Heptacosane	380	C27H56	000593-49-7	74
5		Tridecane	184	C13H28	000629-50-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
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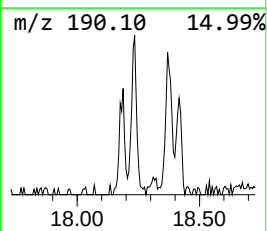
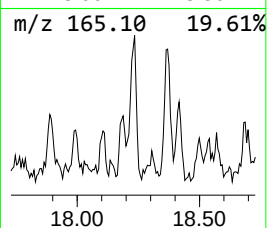
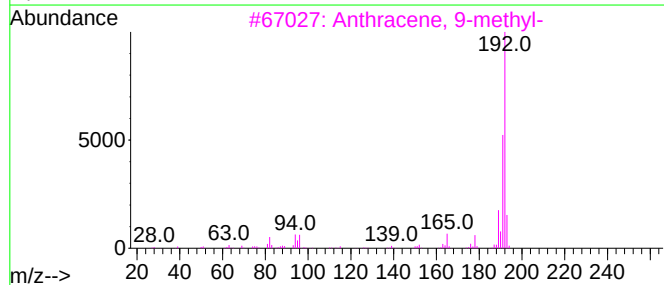
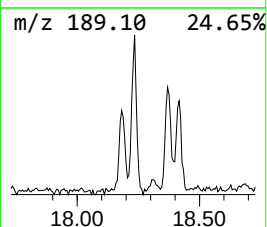
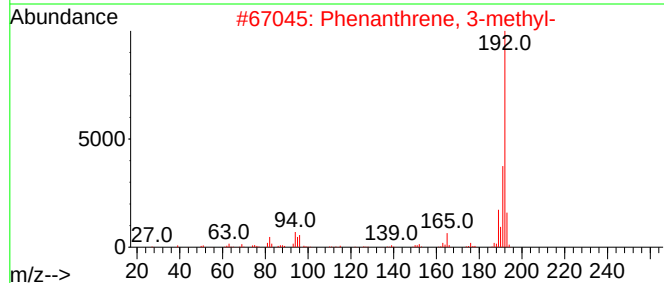
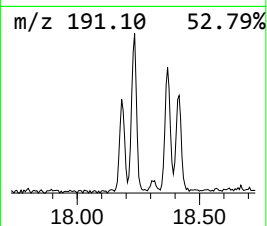
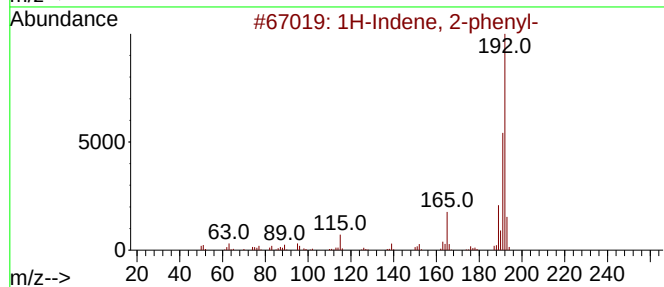
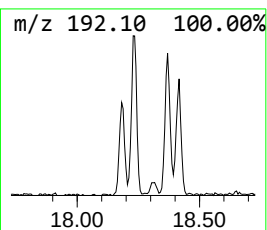
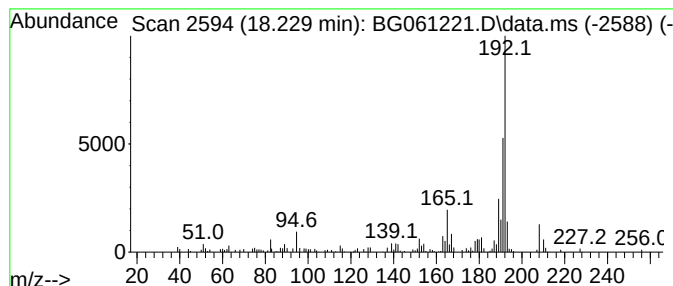
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.229	12.35 ng	263323	Phenanthrene-d10	17.306

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
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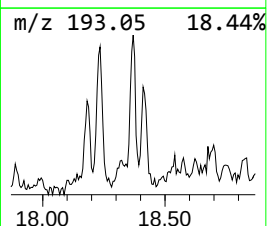
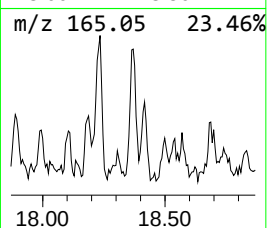
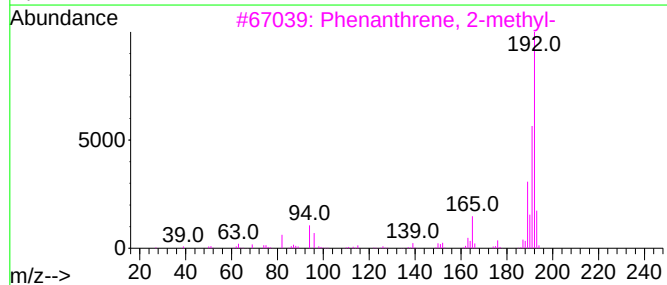
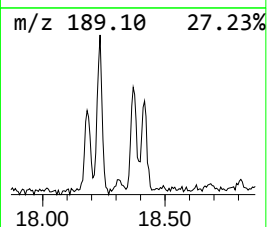
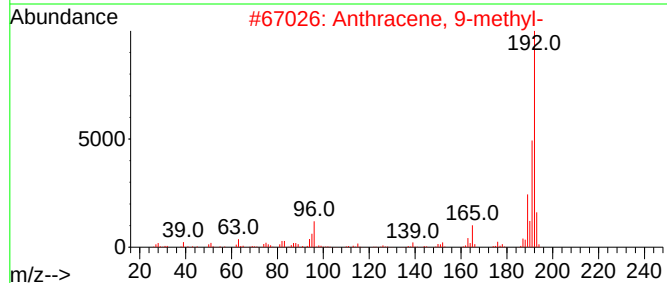
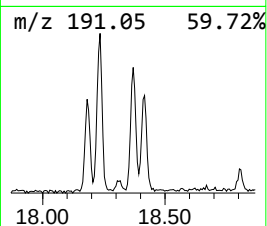
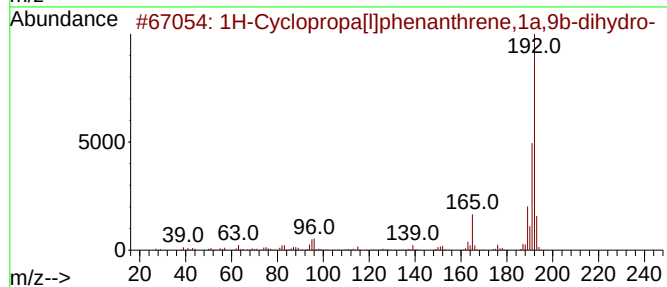
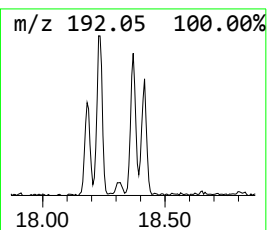
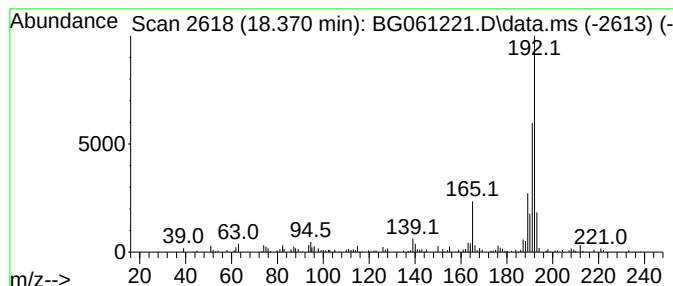
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	6.06 ng	129182	Phenanthrene-d10	17.306

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB02

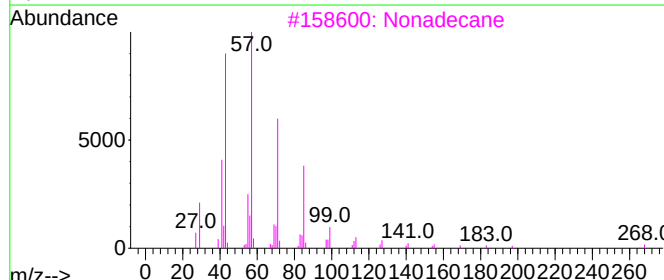
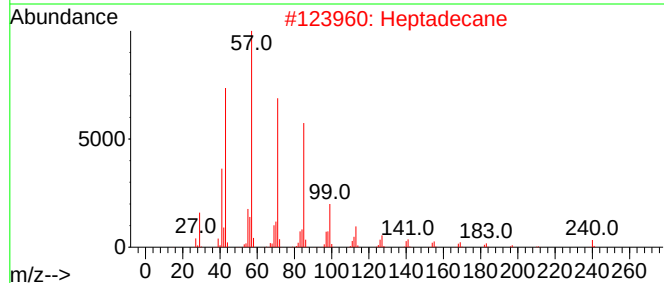
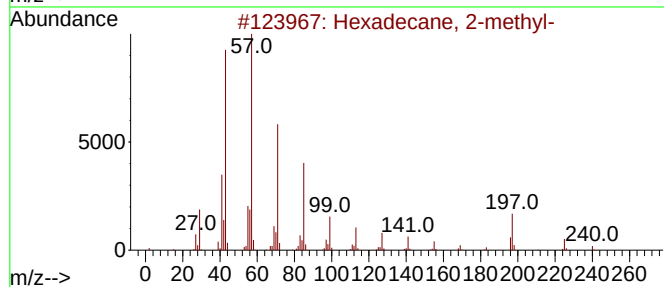
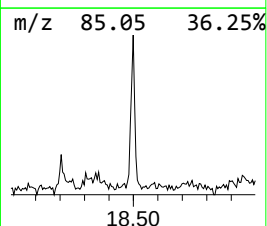
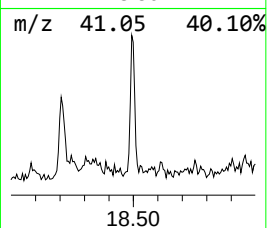
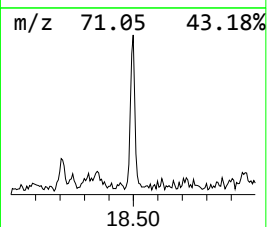
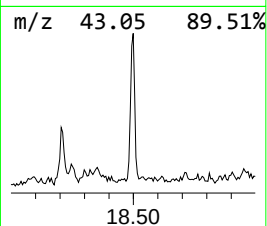
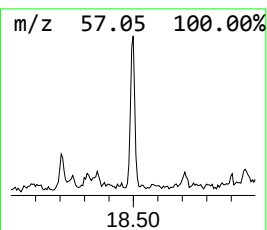
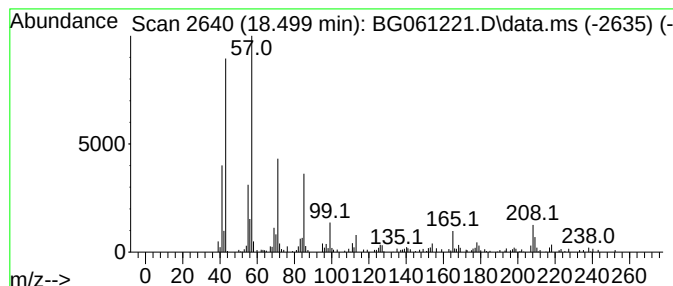
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.499	6.00 ng	127815	Phenanthrene-d10	17.306

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	89
2			Heptadecane	240	C17H36	000629-78-7	64
3			Nonadecane	268	C19H40	000629-92-5	62
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

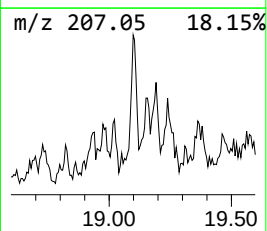
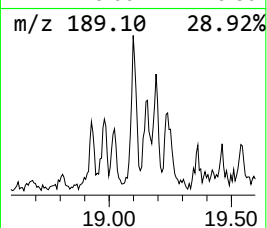
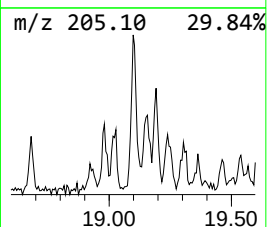
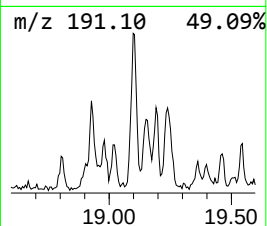
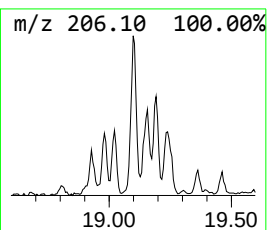
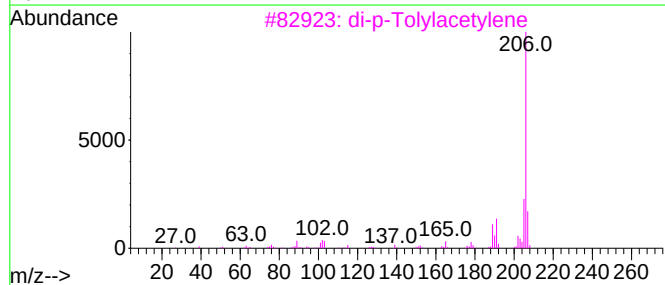
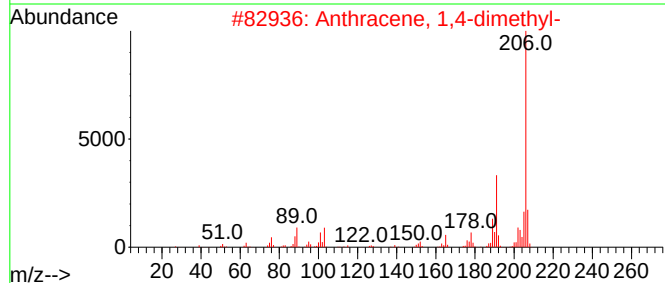
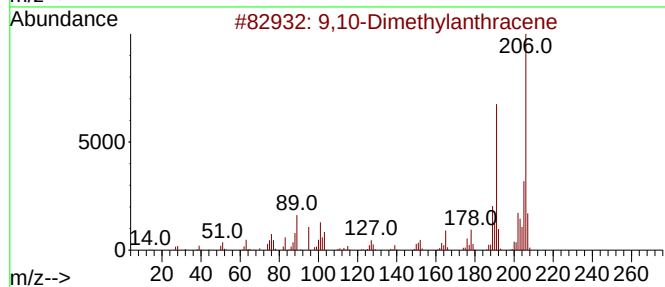
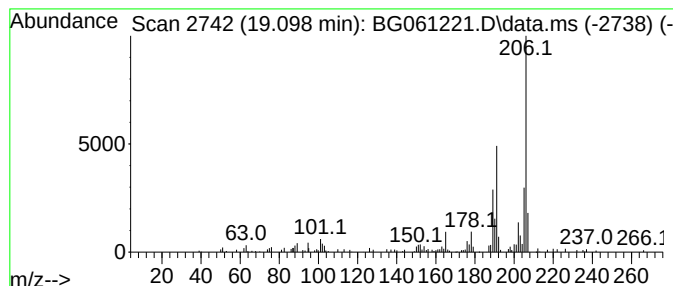
Instrument :
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ClientSampleId :
B-114-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.098	6.19 ng	131998	Phenanthrene-d10		17.306	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	93
2	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	91
3	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	91
5	Naphthalene, 1,2-dihydro-4-phenyl-		206	C16H14	007469-40-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB02

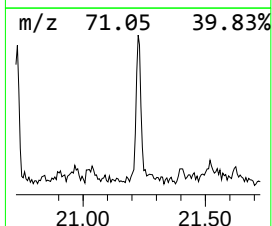
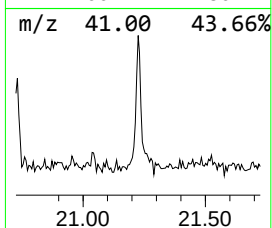
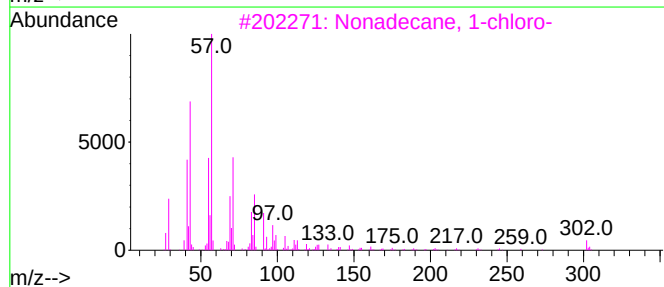
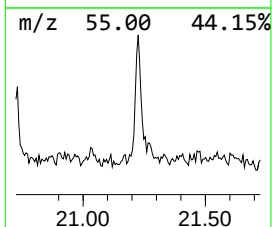
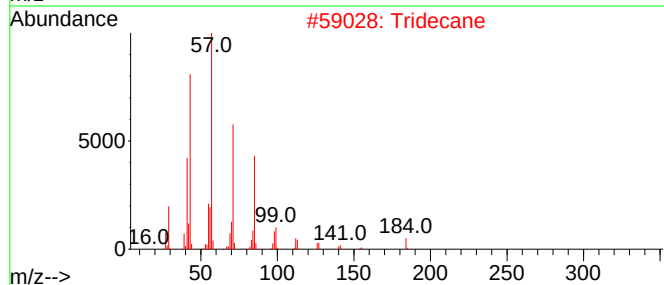
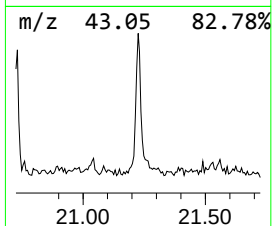
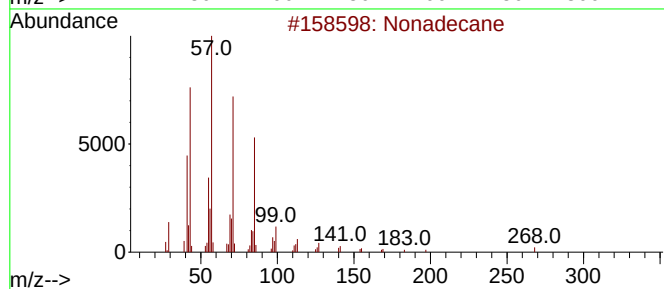
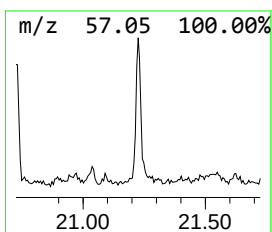
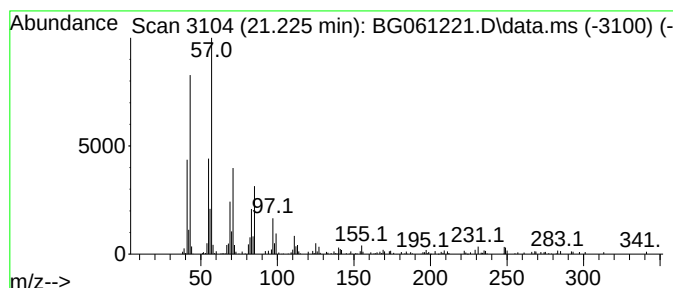
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.225	5.67 ng	158327	Chrysene-d12	21.566

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tridecane	184	C13H28	000629-50-5	86
3			Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	86
4			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	86
5			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061221.D
Acq On : 16 May 2024 15:16
Operator : MA/JU
Sample : P2474-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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
Butane, 2-metho...	3.146	46.6	ng	393591	1	7.929	169032	20.0
2-Octanol, (S)-	3.669	6.6	ng	56080	1	7.929	169032	20.0
Ethanol, 2-(2-b...	10.491	5.0	ng	64290	2	10.726	259716	20.0
Sulfurous acid,...	11.748	6.4	ng	82811	2	10.726	259716	20.0
Tetradecane	13.387	5.0	ng	96873	3	14.556	387745	20.0
Naphthalene, 1,...	13.875	6.4	ng	124062	3	14.556	387745	20.0
Naphthalene, 1,...	13.934	4.9	ng	94872	3	14.556	387745	20.0
Heptadecane, 2,...	14.039	5.0	ng	97389	3	14.556	387745	20.0
unknown14.780	14.780	10.0	ng	193944	3	14.556	387745	20.0
Naphthalene, 1,...	15.350	5.3	ng	101780	3	14.556	387745	20.0
9H-Fluoren-3-ol	15.902	4.7	ng	90634	3	14.556	387745	20.0
Octane, 2-methyl-	16.296	16.6	ng	353813	4	17.306	426339	20.0
Naphthalene, 1,...	16.842	5.2	ng	110695	4	17.306	426339	20.0
Pentadecane	17.065	9.3	ng	199115	4	17.306	426339	20.0
Dodecane	17.805	5.9	ng	125466	4	17.306	426339	20.0
1H-Indene, 2-ph...	18.229	12.4	ng	263323	4	17.306	426339	20.0
1H-Cyclopropa[l...	18.369	6.1	ng	129182	4	17.306	426339	20.0
Hexadecane, 2-m...	18.499	6.0	ng	127815	4	17.306	426339	20.0
9,10-Dimethylan...	19.098	6.2	ng	131998	4	17.306	426339	20.0
Nonadecane	21.225	5.7	ng	158327	5	21.566	558880	20.0