

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057506.D
 Acq On : 22 May 2023 23:28
 Operator : CG/JU
 Sample : 02864-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-359

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-BG042723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057506.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.926	59	66	74	rBV4	7666	15233	2.31%	0.209%
2	4.989	241	247	255	rVB	24953	45139	6.84%	0.620%
3	5.388	306	315	319	rBV	13247	21980	3.33%	0.302%
4	5.876	391	398	405	rBV	151144	250320	37.91%	3.438%
5	5.941	405	409	419	rVB2	9567	18040	2.73%	0.248%
6	6.317	467	473	479	rBV5	10080	19747	2.99%	0.271%
7	6.963	577	583	588	rBV5	5854	12724	1.93%	0.175%
8	7.497	665	674	683	rBV	164459	305156	46.21%	4.191%
9	7.944	745	750	753	rBV3	10266	15306	2.32%	0.210%
10	8.296	806	810	814	rVV2	9370	14584	2.21%	0.200%
11	8.355	814	820	834	rVB	77913	139446	21.12%	1.915%
12	9.530	1012	1020	1032	rVB	106795	226227	34.26%	3.107%
13	11.116	1284	1290	1295	rBV2	20650	32709	4.95%	0.449%
14	11.192	1296	1303	1308	rVV	105046	192772	29.19%	2.648%
15	11.239	1308	1311	1317	rVV	27194	45400	6.87%	0.624%
16	11.304	1317	1322	1328	rVB	14247	22822	3.46%	0.313%
17	11.862	1407	1417	1421	rBV4	7388	15997	2.42%	0.220%
18	12.156	1459	1467	1471	rBV	21602	36754	5.57%	0.505%
19	12.538	1526	1532	1537	rBV	26002	37129	5.62%	0.510%
20	12.820	1574	1580	1587	rBV	36193	59102	8.95%	0.812%
21	13.037	1610	1617	1624	rBV	24620	41101	6.22%	0.564%
22	13.331	1662	1667	1674	rVB4	6059	12181	1.84%	0.167%
23	13.472	1686	1691	1695	rBV3	11904	17534	2.66%	0.241%
24	13.589	1703	1711	1718	rBV	300732	461745	69.92%	6.342%
25	13.754	1733	1739	1744	rBV	26318	40783	6.18%	0.560%
26	13.806	1744	1748	1752	rVB	8727	12704	1.92%	0.174%
27	14.130	1798	1803	1804	rBV	10714	13012	1.97%	0.179%
28	14.147	1804	1806	1811	rVB5	12852	17384	2.63%	0.239%
29	14.288	1824	1830	1835	rBV2	21277	41411	6.27%	0.569%
30	14.341	1835	1839	1843	rVV2	14537	22737	3.44%	0.312%
31	14.406	1843	1850	1854	rVB6	13602	27598	4.18%	0.379%
32	14.523	1864	1870	1874	rBV3	15499	25906	3.92%	0.356%
33	14.811	1910	1919	1924	rVB	25313	38056	5.76%	0.523%
34	14.970	1940	1946	1952	rVV	165888	268052	40.59%	3.681%
35	15.034	1953	1957	1962	rVB4	8965	15527	2.35%	0.213%
36	15.163	1973	1979	1987	rVB5	8640	17710	2.68%	0.243%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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37	15.263	1987	1996	2000	rBV8	6949	17618	2.67%	0.242%
38	15.322	2000	2006	2009	rVV3	16659	32930	4.99%	0.452%
39	15.357	2009	2012	2018	rVV3	20886	35461	5.37%	0.487%
40	15.428	2019	2024	2031	rVB3	15388	28373	4.30%	0.390%
41	15.569	2043	2048	2052	rBV3	13482	22707	3.44%	0.312%
42	15.622	2052	2057	2061	rVB	13113	18504	2.80%	0.254%
43	15.757	2068	2080	2087	rBV5	29337	64221	9.73%	0.882%
44	15.992	2116	2120	2123	rBV3	14108	22522	3.41%	0.309%
45	16.162	2144	2149	2152	rBV2	11226	13016	1.97%	0.179%
46	16.197	2152	2155	2163	rVB4	10860	17879	2.71%	0.246%
47	16.303	2163	2173	2178	rBV	66267	103769	15.71%	1.425%
48	16.450	2193	2198	2206	rBV	205911	337291	51.08%	4.632%
49	16.614	2222	2226	2228	rBV3	28286	38335	5.81%	0.527%
50	16.638	2228	2230	2233	rVB	21037	23292	3.53%	0.320%
51	16.867	2264	2269	2275	rVB3	17153	28967	4.39%	0.398%
52	17.008	2289	2293	2298	rVB6	7875	13540	2.05%	0.186%
53	17.225	2321	2330	2335	rBV7	15598	37467	5.67%	0.515%
54	17.360	2348	2353	2357	rBV3	20019	35116	5.32%	0.482%
55	17.402	2357	2360	2365	rVV2	23423	40810	6.18%	0.560%
56	17.443	2365	2367	2377	rVV8	10028	24212	3.67%	0.333%
57	17.707	2404	2412	2416	rBV	211280	336794	51.00%	4.626%
58	17.748	2416	2419	2427	rVV	61435	93577	14.17%	1.285%
59	17.872	2437	2440	2448	rVB8	7020	17363	2.63%	0.238%
60	18.018	2462	2465	2472	rVB	18793	28106	4.26%	0.386%
61	18.142	2481	2486	2490	rVB2	23255	33935	5.14%	0.466%
62	18.289	2506	2511	2519	rVB3	18355	30654	4.64%	0.421%
63	18.547	2550	2555	2557	rVV2	31837	47092	7.13%	0.647%
64	18.576	2557	2560	2563	rVV	38757	56918	8.62%	0.782%
65	18.623	2563	2568	2574	rVB	118779	177515	26.88%	2.438%
66	18.759	2586	2591	2595	rBV2	38175	62654	9.49%	0.861%
67	18.806	2595	2599	2600	rVV	22420	27821	4.21%	0.382%
68	18.823	2600	2602	2607	rVB2	24282	25927	3.93%	0.356%
69	18.952	2622	2624	2629	rVB4	15319	22165	3.36%	0.304%
70	19.058	2638	2642	2648	rVV2	42223	64291	9.74%	0.883%
71	19.117	2648	2652	2659	rVB5	16603	32435	4.91%	0.445%
72	19.305	2676	2684	2687	rBV5	22471	47828	7.24%	0.657%
73	19.352	2689	2692	2696	rVV	24901	34547	5.23%	0.474%
74	19.393	2696	2699	2704	rVV2	22384	27593	4.18%	0.379%
75	19.446	2704	2708	2709	rVV	25406	27763	4.20%	0.381%
76	19.469	2709	2712	2717	rVV	46928	73951	11.20%	1.016%

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77	19.522	2718	2721	2725	rVV2	16921	28958	4.39%	0.398%
78	19.563	2725	2728	2732	rVB	25651	32238	4.88%	0.443%
79	19.622	2732	2738	2743	rBV5	19783	46720	7.07%	0.642%
80	19.740	2751	2758	2762	rVB2	70706	124332	18.83%	1.708%
81	19.787	2762	2766	2770	rBV	32974	54684	8.28%	0.751%
82	19.904	2784	2786	2794	rBV8	6794	12632	1.91%	0.173%
83	20.010	2799	2804	2809	rVV5	27018	39284	5.95%	0.540%
84	20.063	2809	2813	2815	rVV2	15467	22731	3.44%	0.312%
85	20.098	2815	2819	2825	rVB	71342	112398	17.02%	1.544%
86	20.163	2825	2830	2834	rBV	26820	41168	6.23%	0.565%
87	20.274	2844	2849	2854	rBV	525197	660369	100.00%	9.070%
88	20.392	2865	2869	2871	rBV2	13659	21428	3.24%	0.294%
89	20.539	2890	2894	2898	rBV4	29369	42690	6.46%	0.586%
90	20.885	2950	2953	2956	rBV	12098	16111	2.44%	0.221%
91	21.038	2977	2979	2984	rVB2	24938	27034	4.09%	0.371%
92	21.373	3032	3036	3042	rVB	38753	60532	9.17%	0.831%
93	21.567	3066	3069	3079	rVB3	44309	86012	13.02%	1.181%
94	21.837	3112	3115	3119	rBV	14242	20283	3.07%	0.279%
95	22.013	3137	3145	3151	rBV	211012	434272	65.76%	5.964%
96	22.066	3151	3154	3162	rVB2	43144	75380	11.41%	1.035%
97	22.794	3274	3278	3284	rVB	30065	53909	8.16%	0.740%
98	24.392	3545	3550	3559	rVB4	29706	69354	10.50%	0.953%
99	25.344	3708	3712	3719	rVB	16964	39354	5.96%	0.540%
100	25.514	3733	3741	3751	rVB	112947	334238	50.61%	4.590%

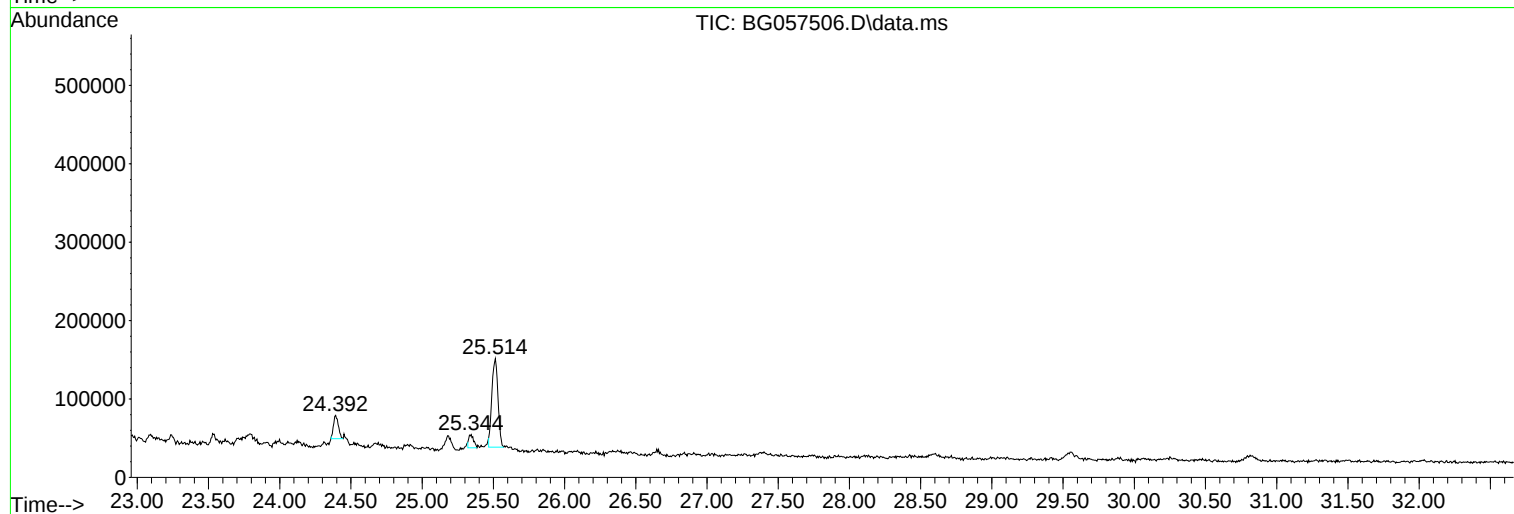
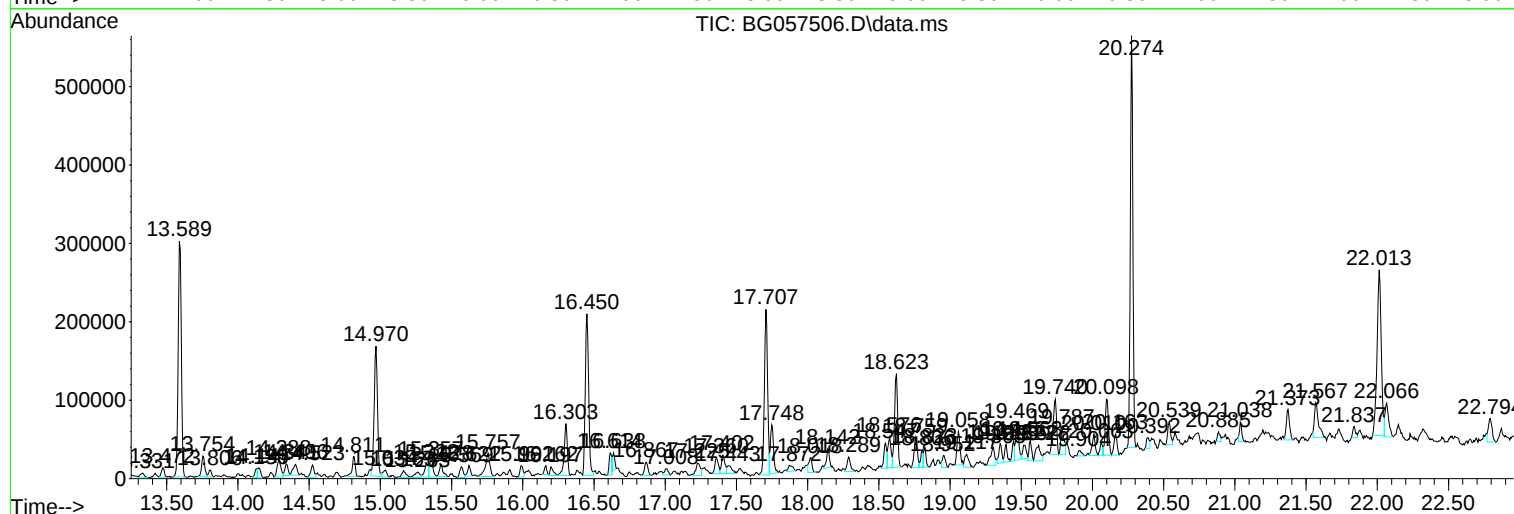
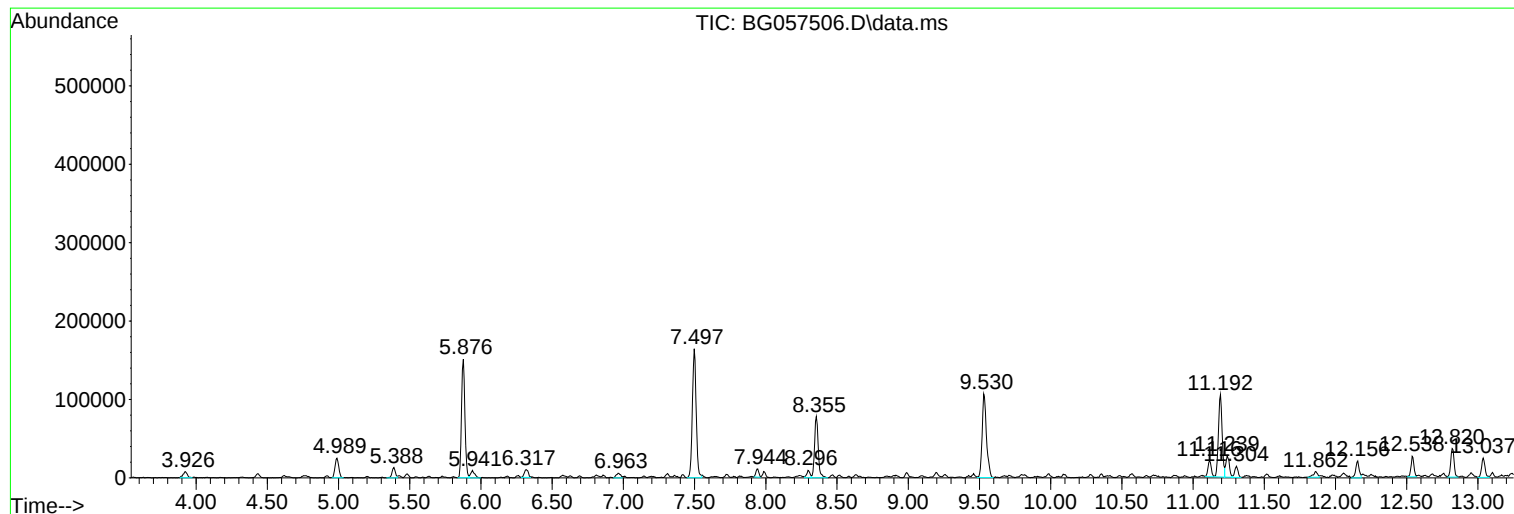
Sum of corrected areas: 7281098

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Instrument :
BNA_G
ClientSampleId :
ETGI-359

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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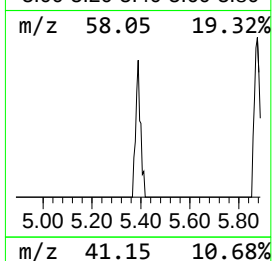
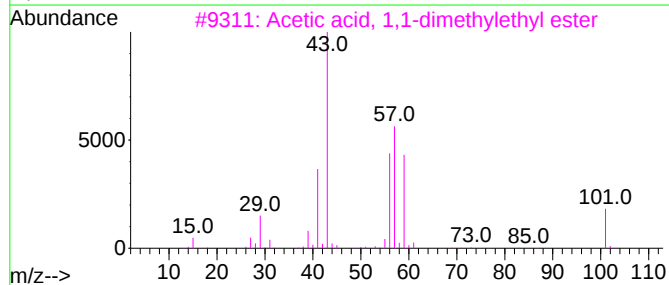
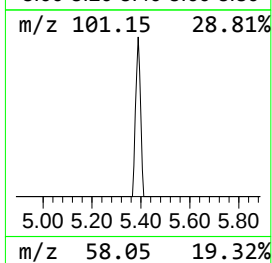
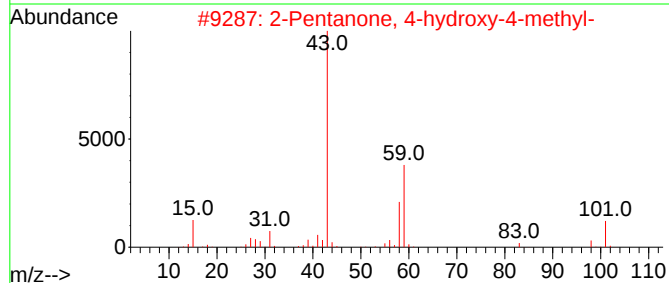
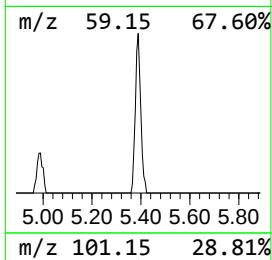
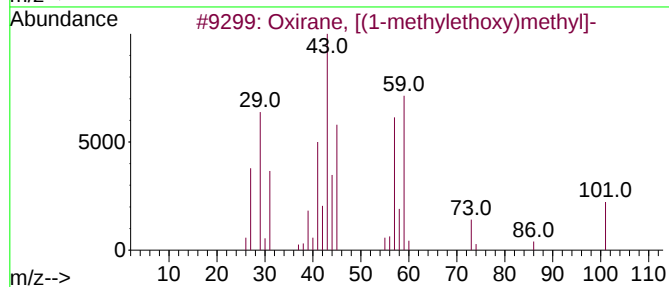
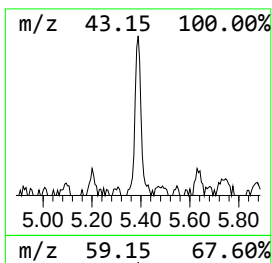
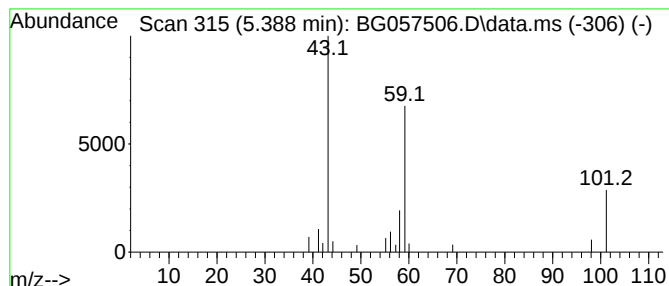
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oxirane, [(1-methylethoxy)m... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.388	3.15 ng	21980	1,4-Dichlorobenzene-d4	8.355

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	56
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4			2-Butanol, 1-chloro-	108	C4H9ClO	001873-25-2	12
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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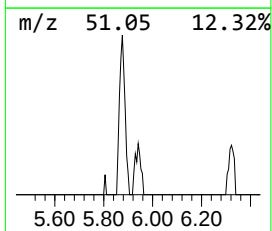
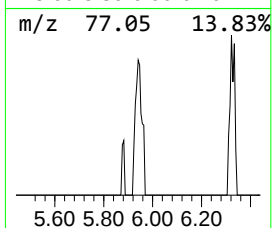
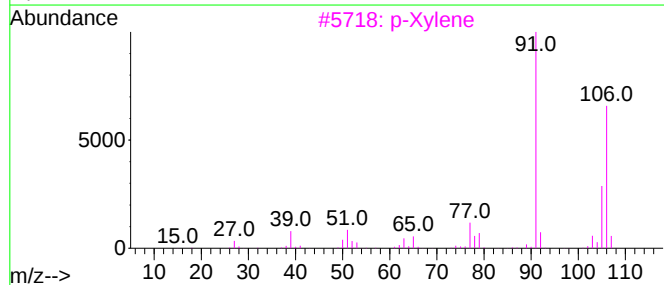
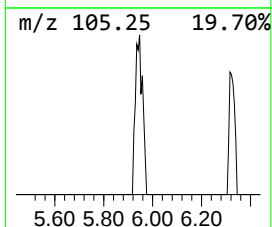
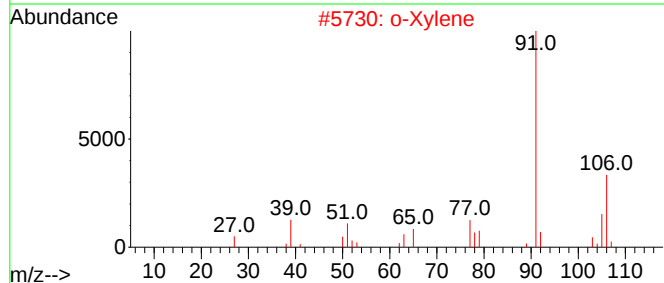
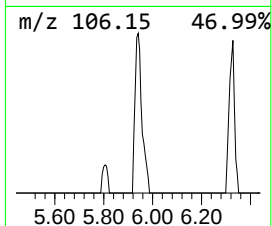
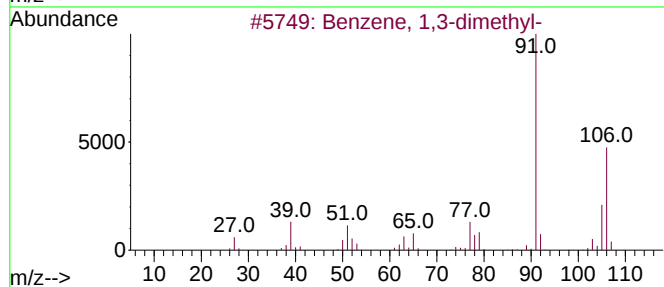
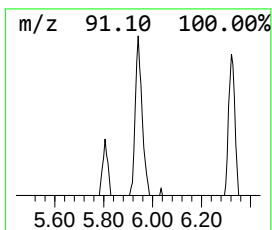
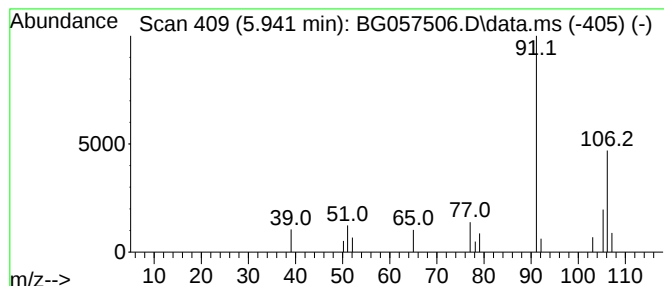
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	2.59 ng	18040	1,4-Dichlorobenzene-d4	8.355

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
2			o-Xylene	106	C8H10	000095-47-6	91
3			p-Xylene	106	C8H10	000106-42-3	90
4			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	72



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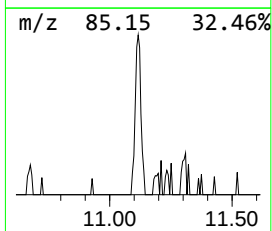
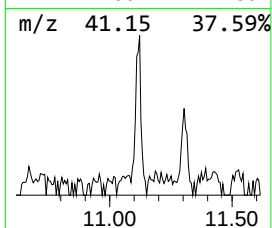
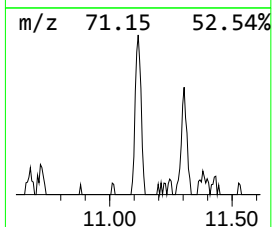
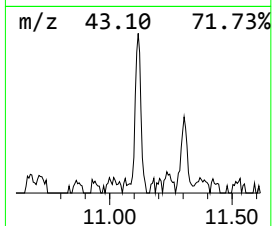
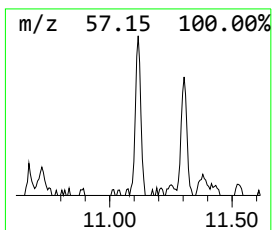
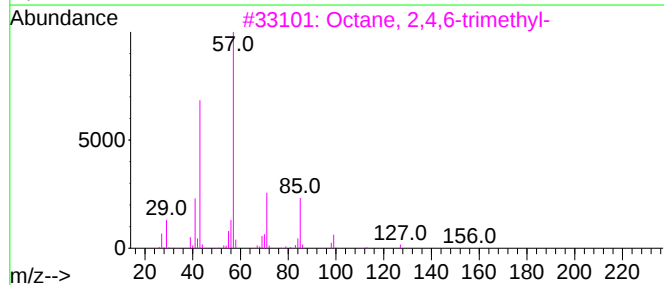
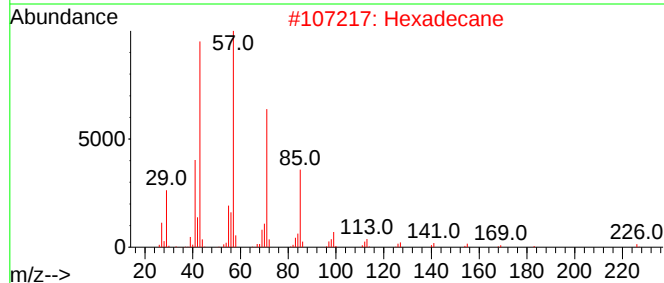
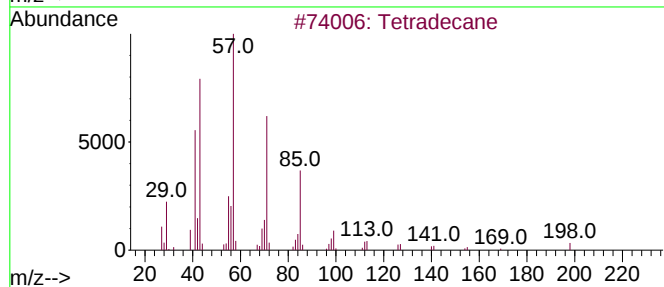
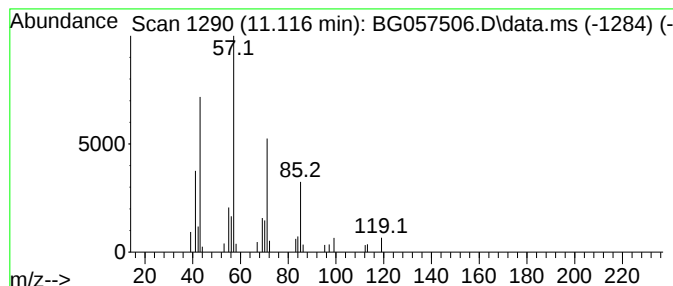
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	3.39 ng	32709	Naphthalene-d8	11.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	80
2			Hexadecane	226	C16H34	000544-76-3	80
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
4			Tridecane	184	C13H28	000629-50-5	72
5			Undecane	156	C11H24	001120-21-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
Operator : CG/JU
Sample : 02864-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-359

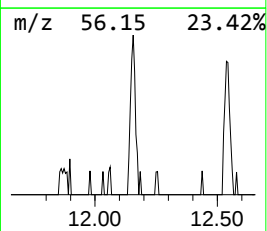
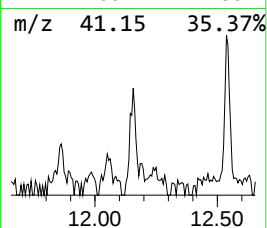
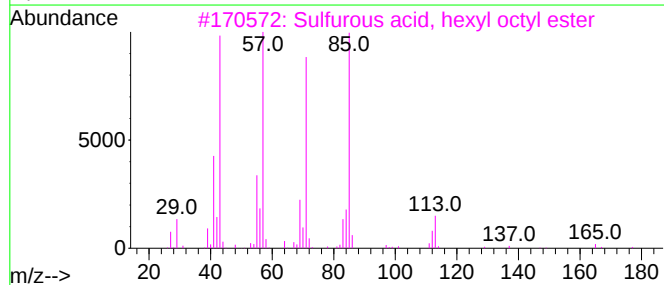
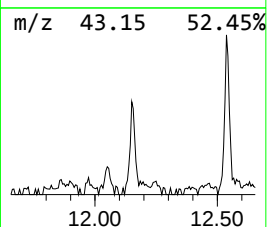
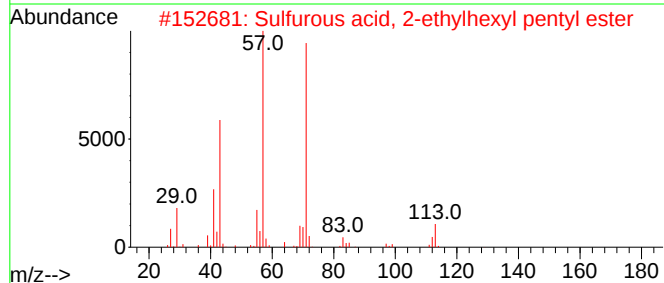
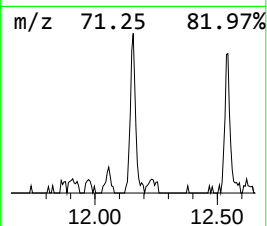
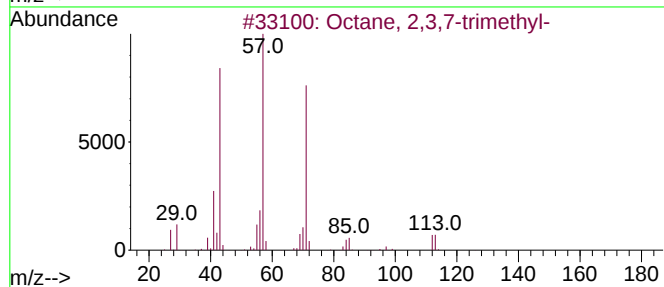
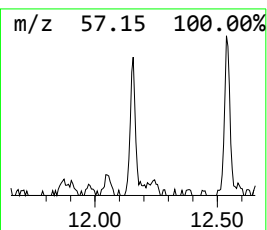
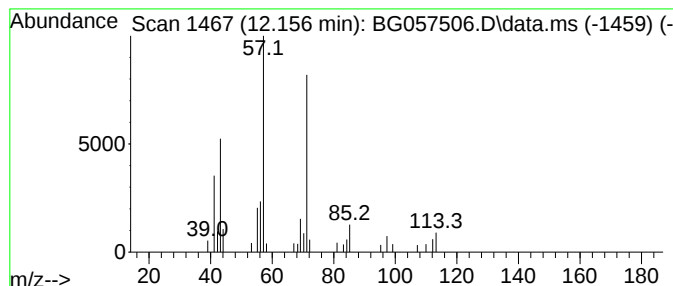
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 2,3,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.156	3.81 ng	36754	Naphthalene-d8	11.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
2			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
3			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	59
4			Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	53
5			Octane, 2-bromo-	192	C8H17Br	000557-35-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
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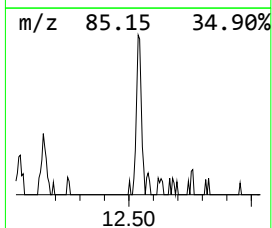
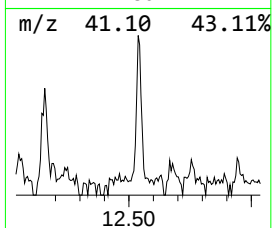
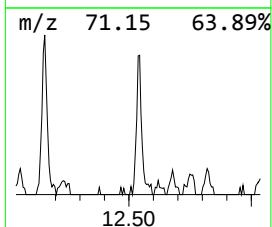
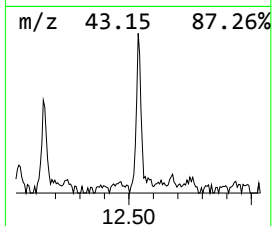
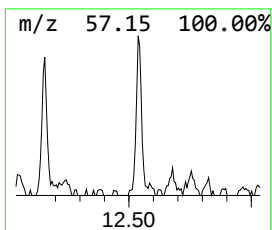
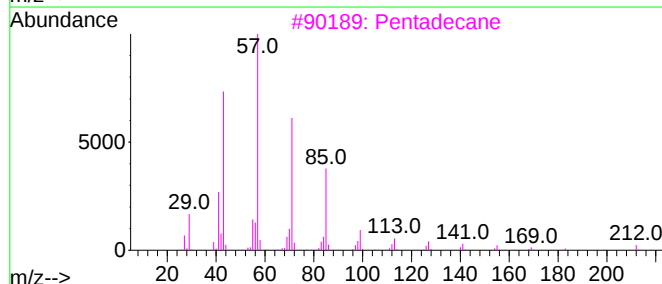
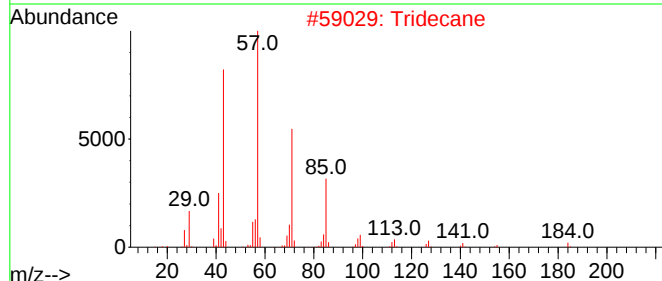
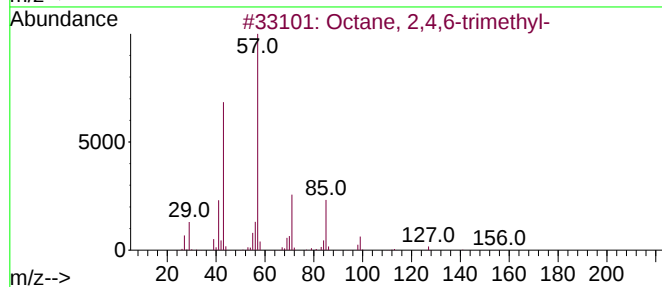
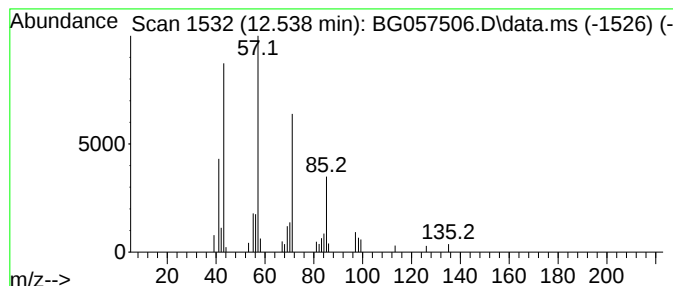
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octane, 2,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.538	3.85 ng	37129	Naphthalene-d8	11.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2			Tridecane	184	C13H28	000629-50-5	72
3			Pentadecane	212	C15H32	000629-62-9	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
Operator : CG/JU
Sample : 02864-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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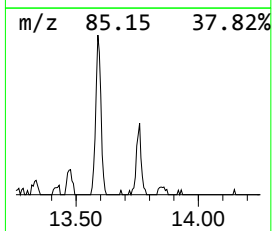
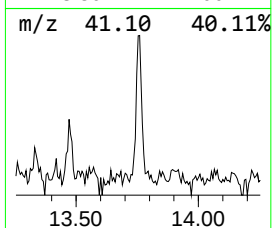
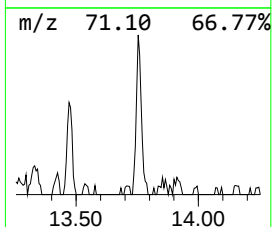
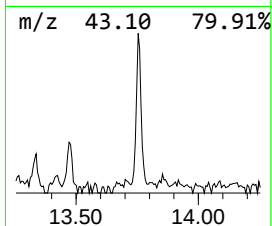
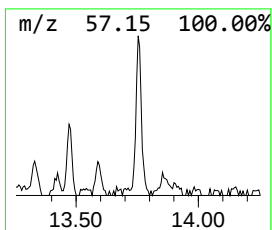
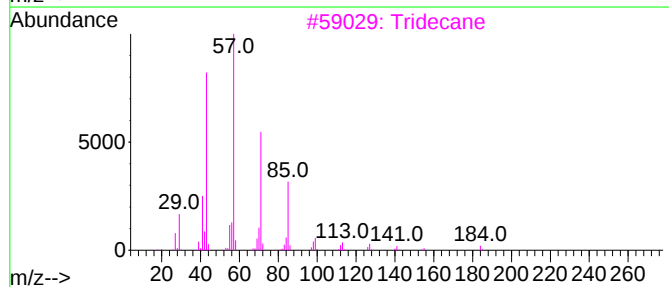
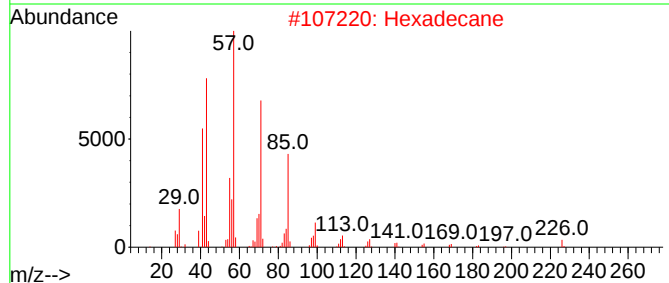
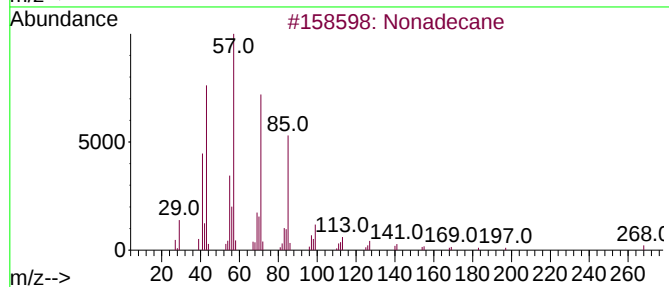
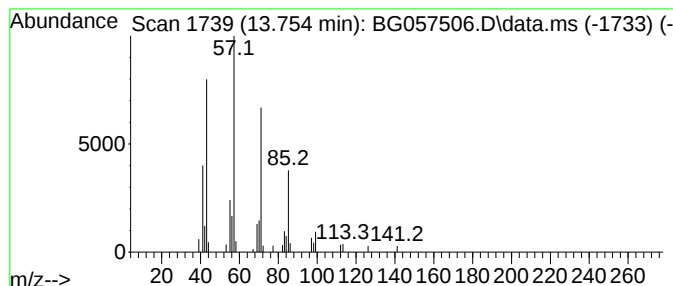
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.754	3.04 ng	40783	Acenaphthene-d10	14.970

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Hexadecane	226	C16H34	000544-76-3	83
3			Tridecane	184	C13H28	000629-50-5	80
4			Tetradecane	198	C14H30	000629-59-4	74
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
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Sample : 02864-05
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ALS Vial : 13 Sample Multiplier: 1

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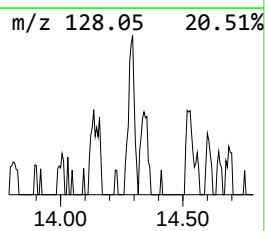
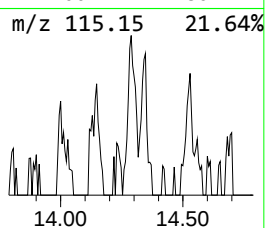
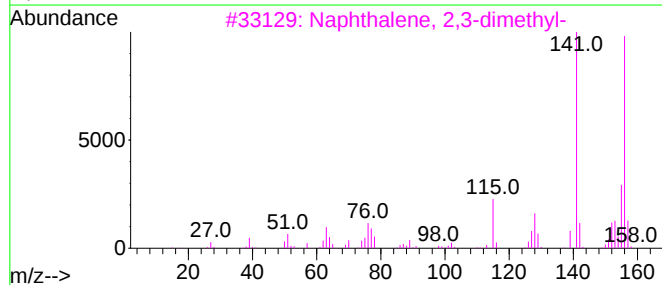
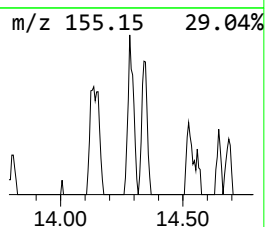
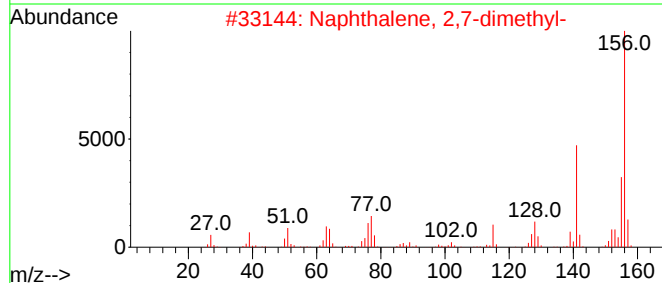
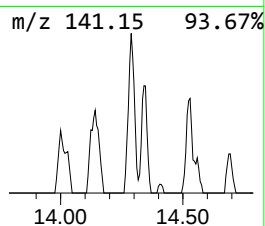
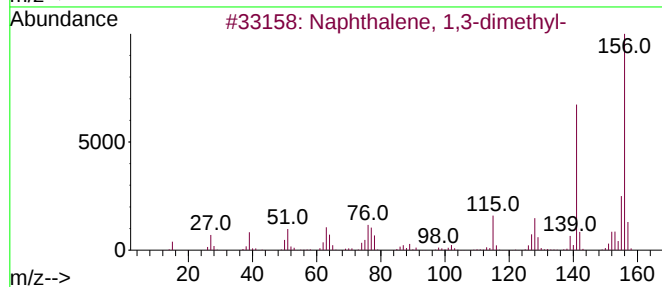
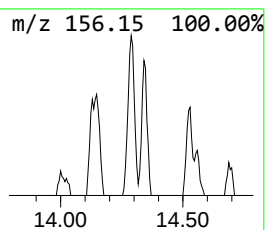
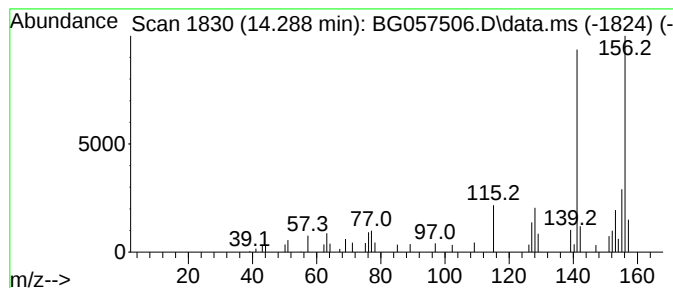
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.288	3.09 ng	41411	Acenaphthene-d10	14.970

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
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Sample : 02864-05
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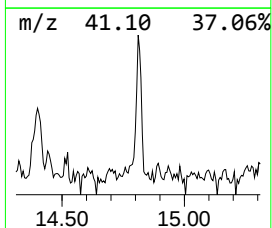
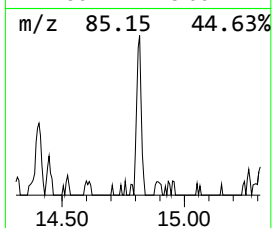
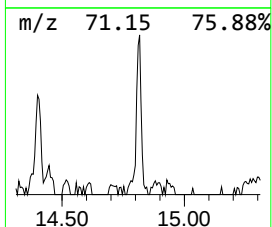
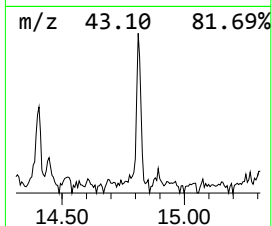
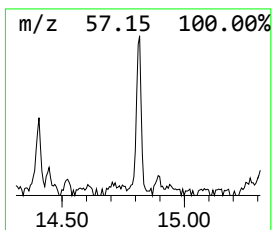
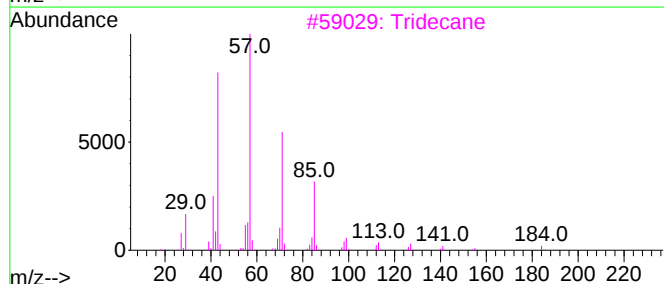
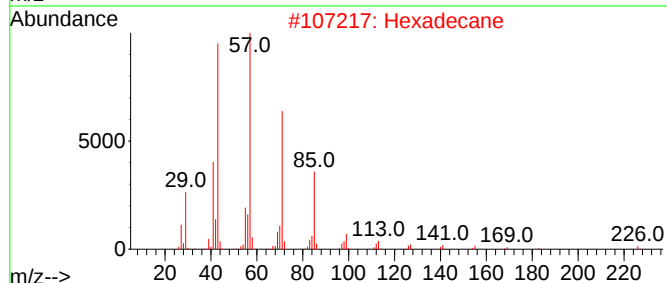
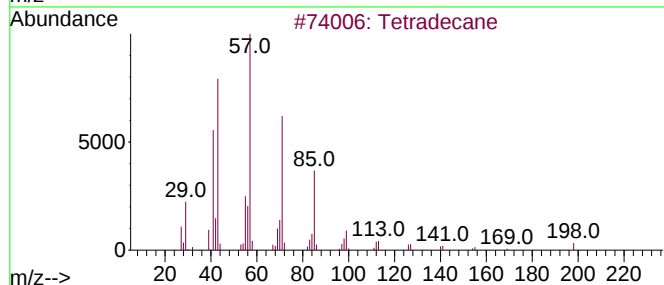
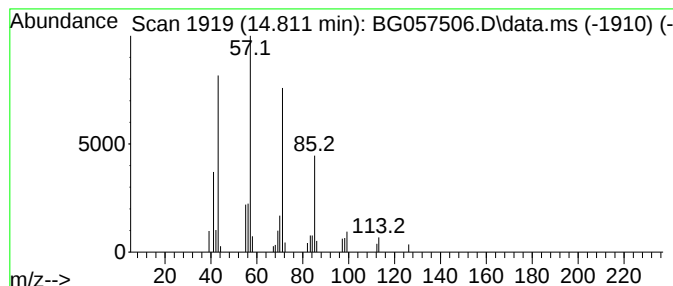
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.811	2.84 ng	38056	Acenaphthene-d10	14.970

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	78
3		Tridecane	184	C13H28	000629-50-5	78
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
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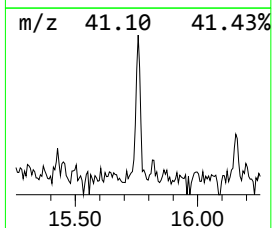
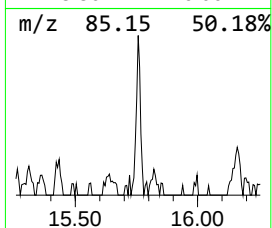
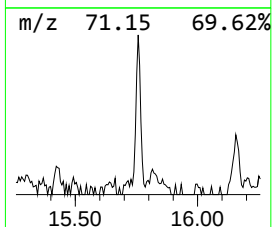
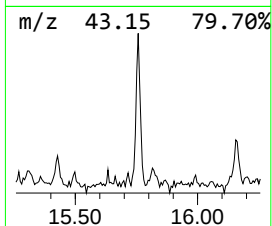
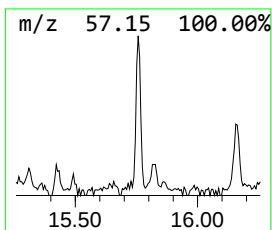
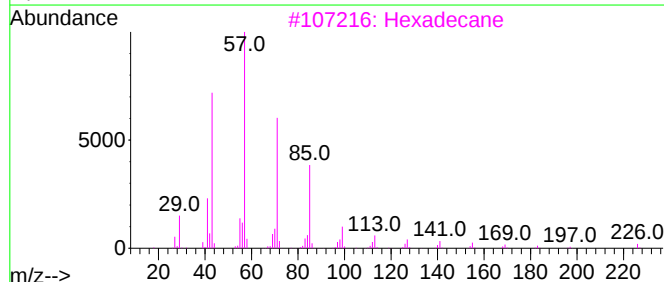
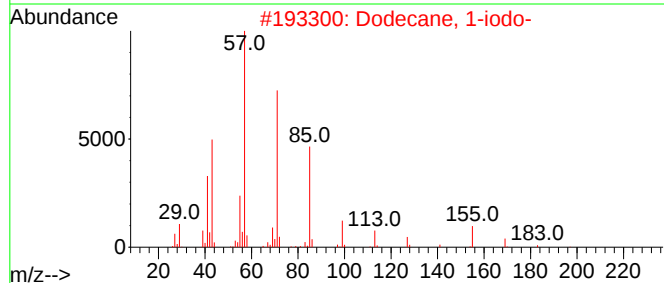
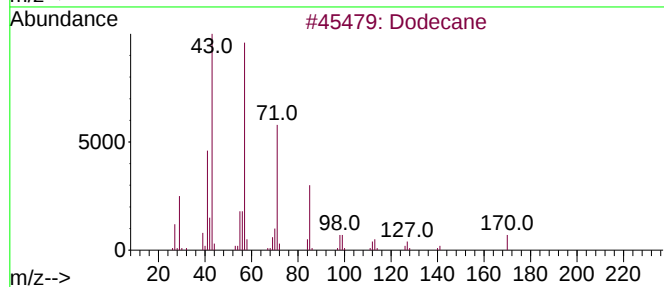
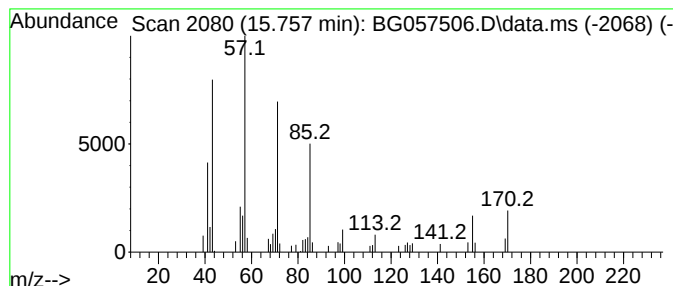
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	4.79 ng	64221	Acenaphthene-d10	14.970

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	81
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3			Hexadecane	226	C16H34	000544-76-3	64
4			Pentadecane	212	C15H32	000629-62-9	64
5			Octadecane	254	C18H38	000593-45-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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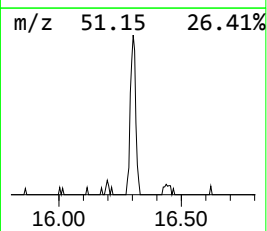
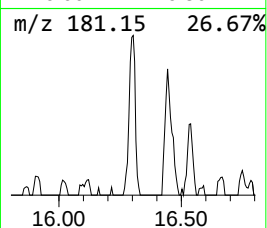
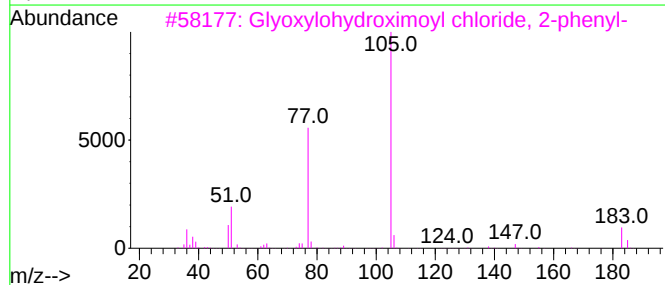
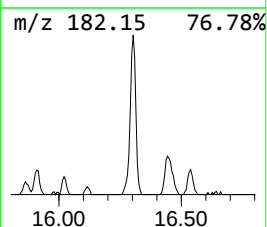
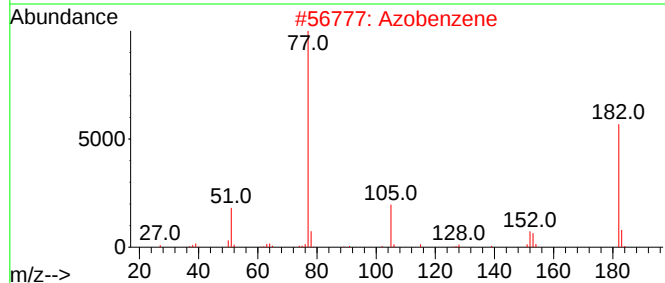
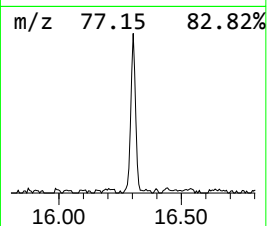
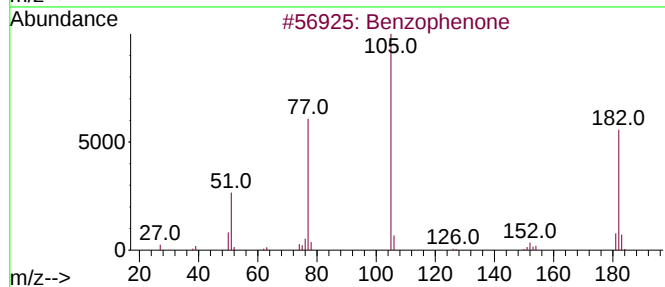
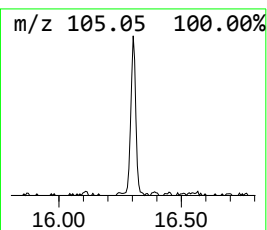
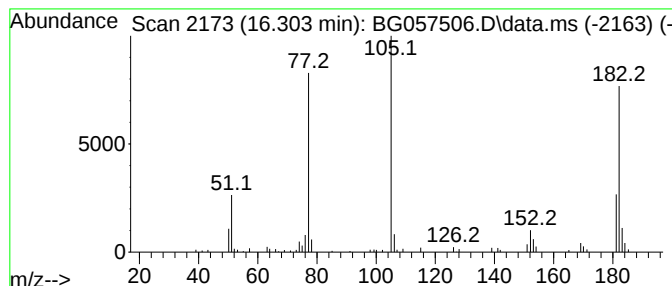
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.303	7.74 ng	103769	Acenaphthene-d10	14.970

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	87
2			Azobenzene	182	C12H10N2	000103-33-3	46
3			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	38



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Acq On : 22 May 2023 23:28
Operator : CG/JU
Sample : 02864-05
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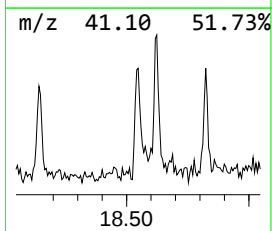
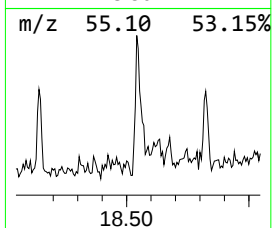
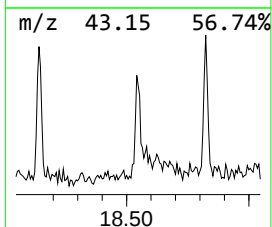
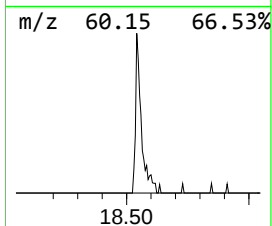
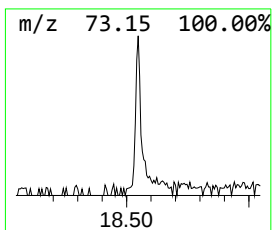
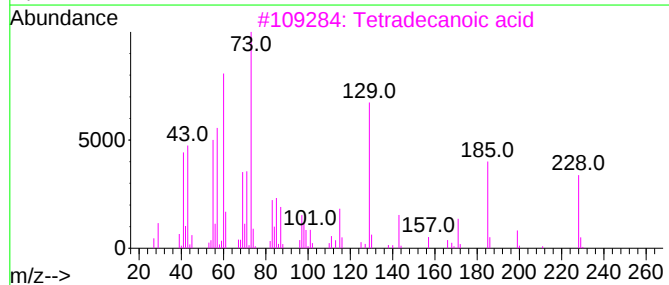
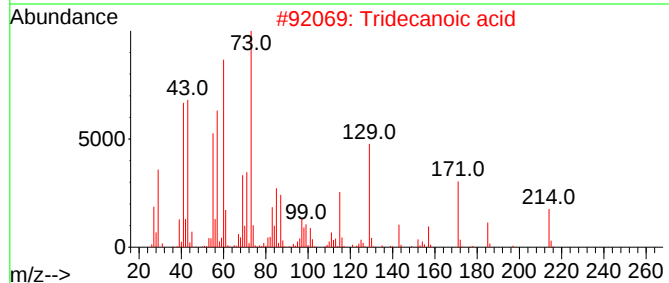
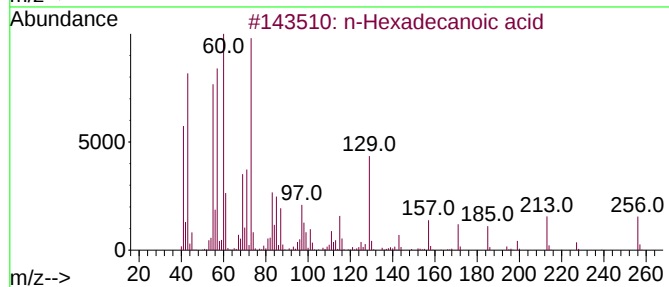
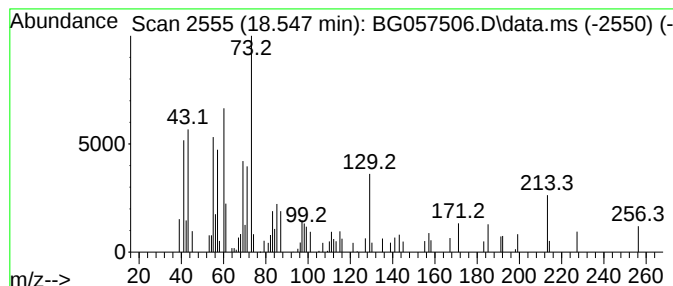
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.547	2.80 ng	47092	Phenanthrene-d10	17.707	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
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ClientSampleId :
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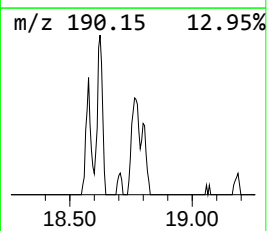
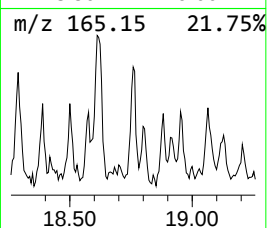
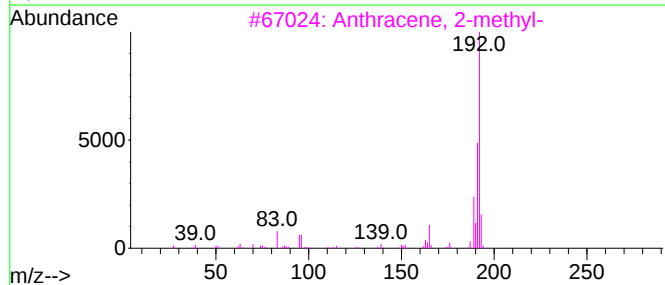
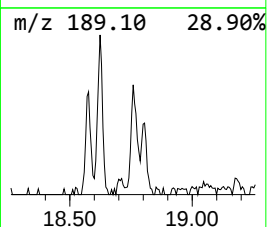
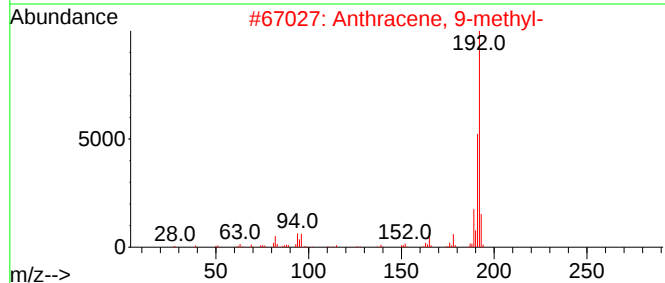
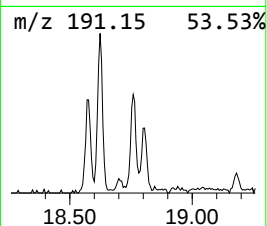
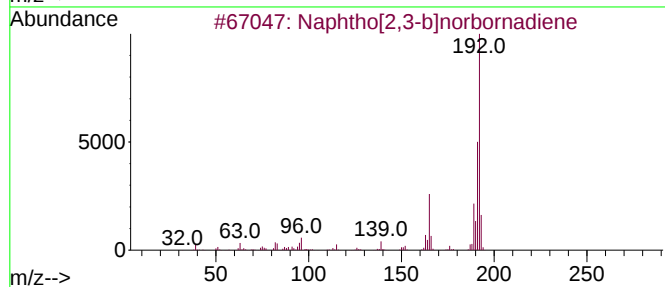
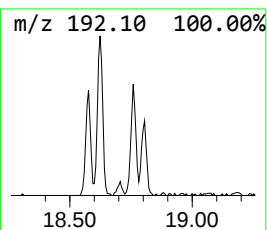
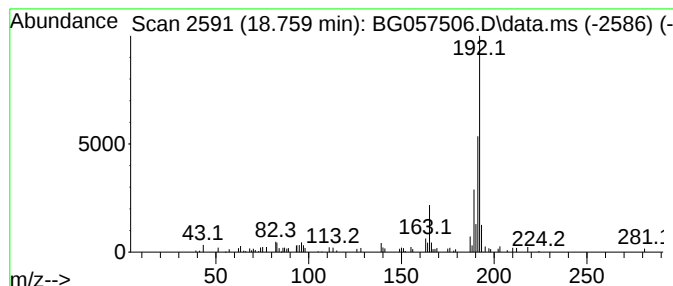
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphtho[2,3-b]norbornadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.759	3.72 ng	62654	Phenanthrene-d10	17.707

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	92
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
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Sample : 02864-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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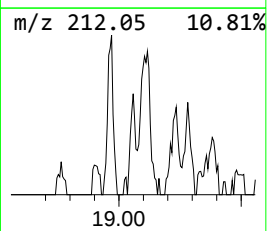
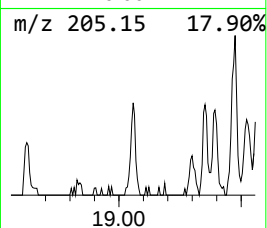
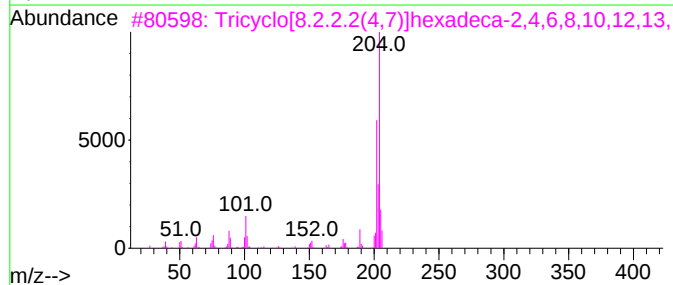
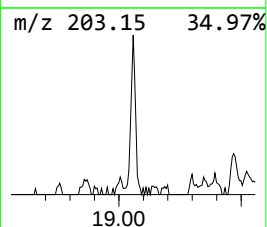
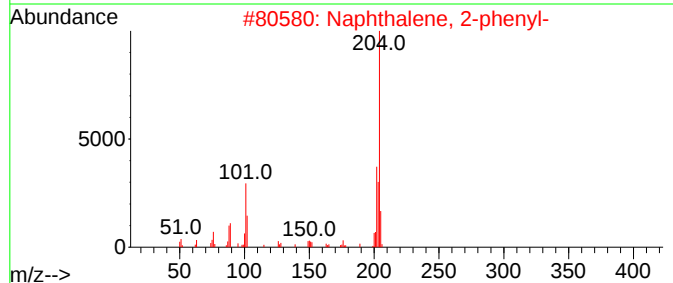
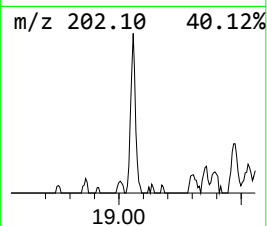
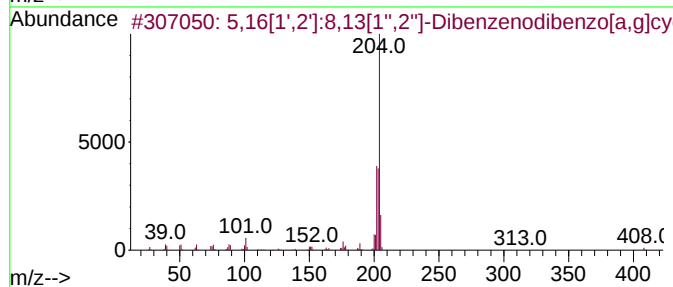
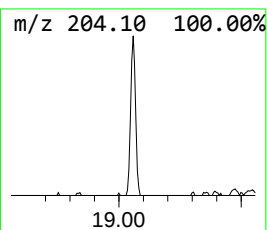
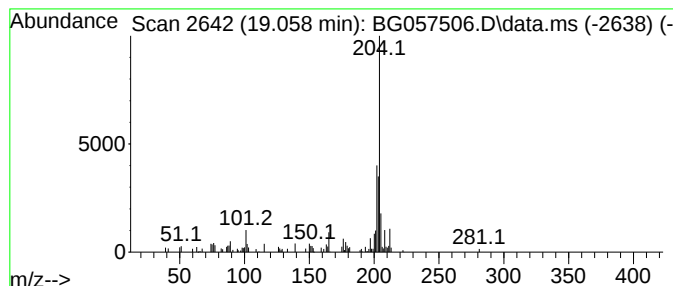
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	3.82 ng	64291	Phenanthrene-d10	17.707

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24		005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12		006572-60-7	58
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO		000607-12-5	46
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12		013141-45-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
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Acq On : 22 May 2023 23:28
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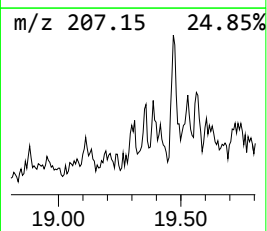
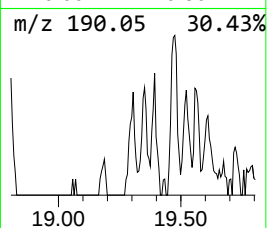
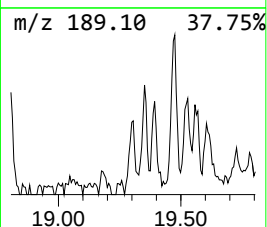
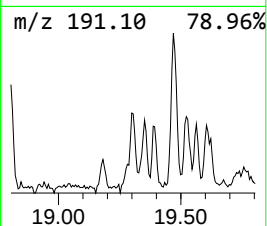
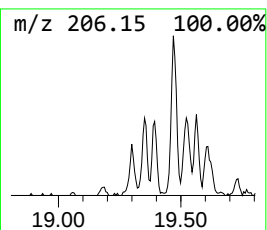
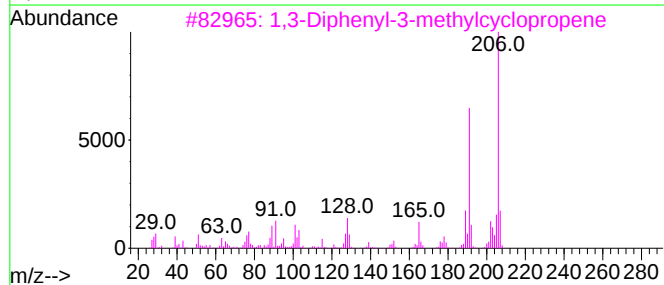
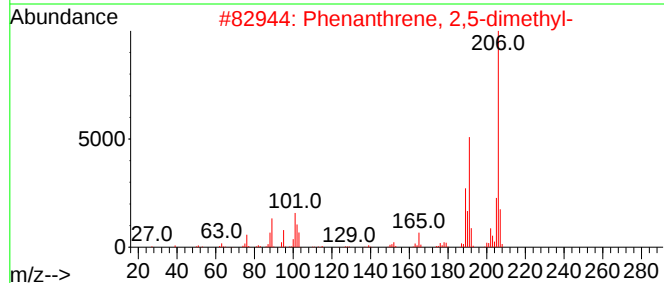
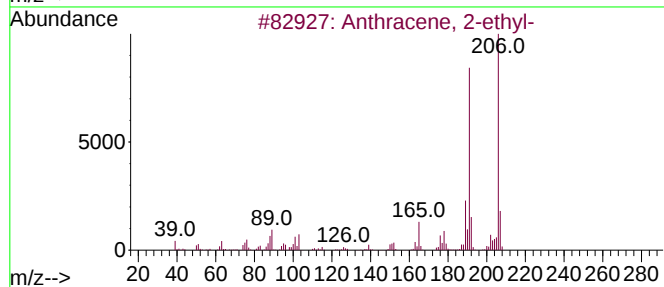
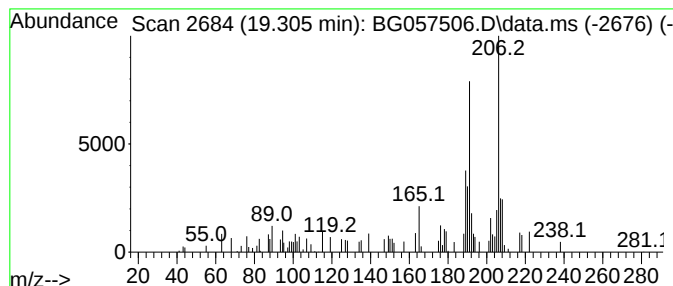
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Anthracene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.305	2.84 ng	47828	Phenanthrene-d10	17.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
3			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	83
4			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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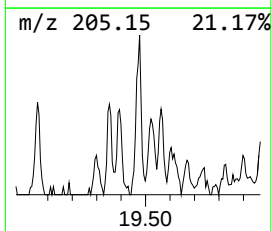
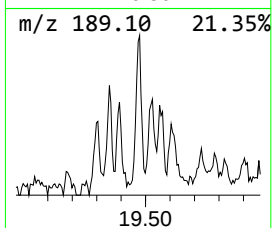
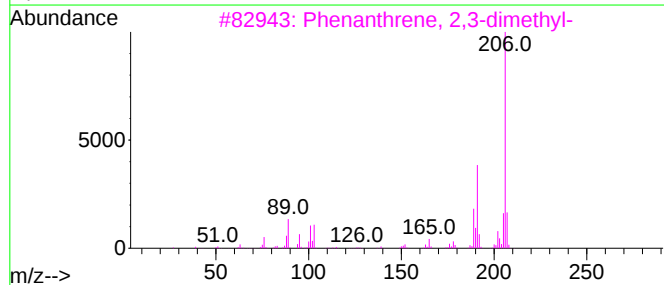
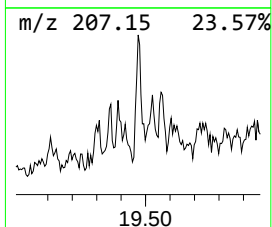
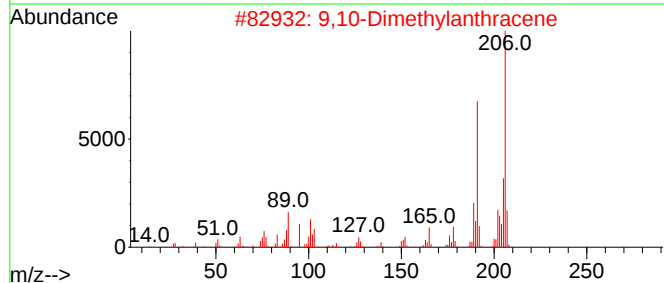
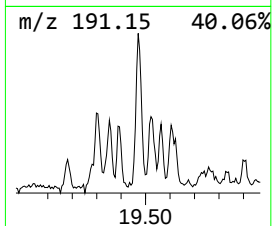
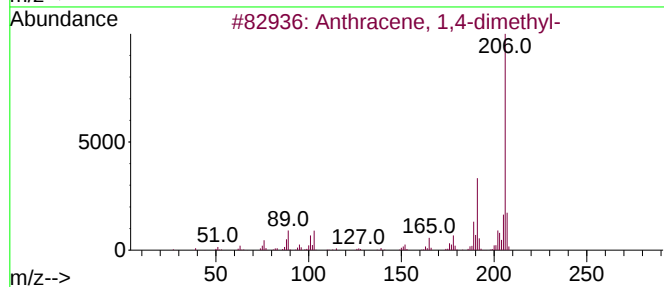
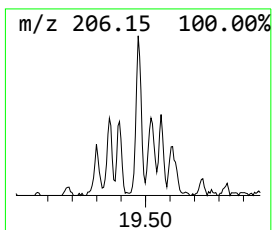
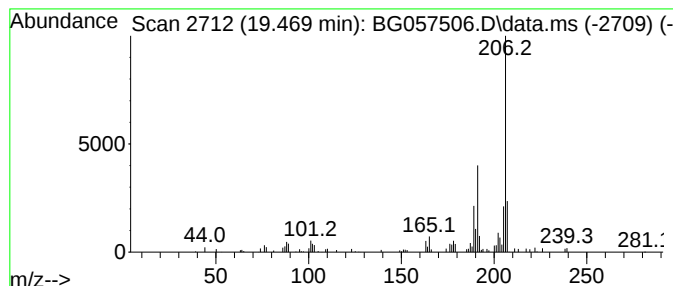
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Anthracene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	4.39 ng	73951	Phenanthrene-d10	17.707

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
2		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
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ClientSampleId :
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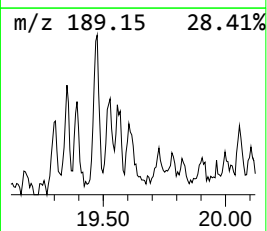
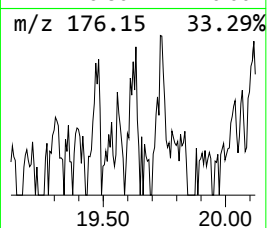
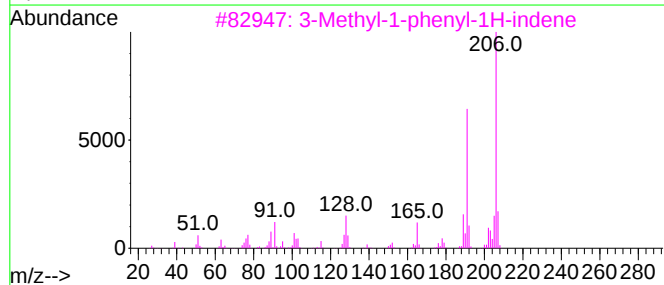
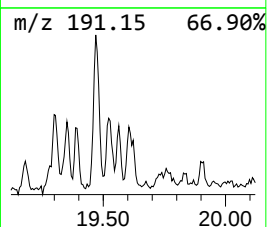
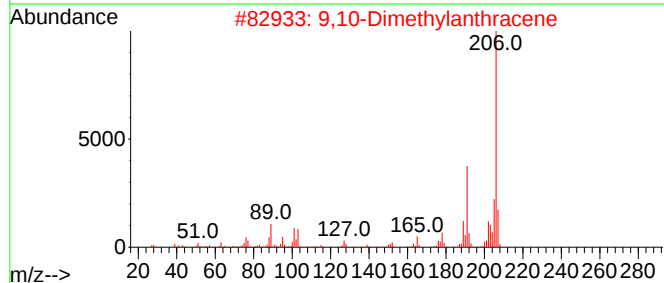
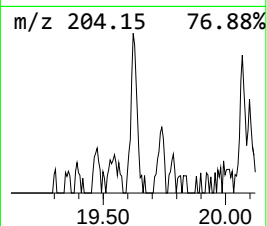
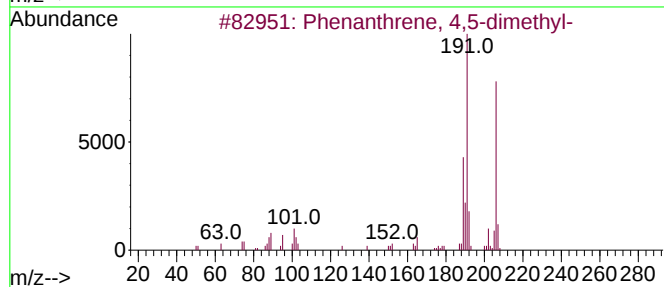
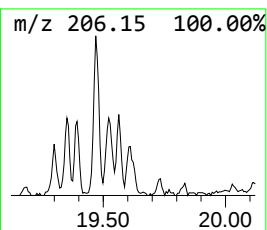
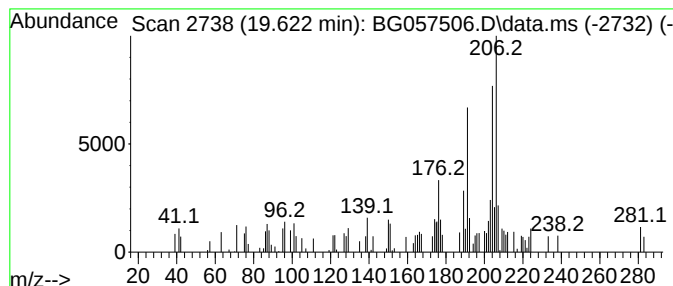
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.622	2.77 ng	46720	Phenanthrene-d10	17.707

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50
2		9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
3		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	49
4		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	49
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
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ALS Vial : 13 Sample Multiplier: 1

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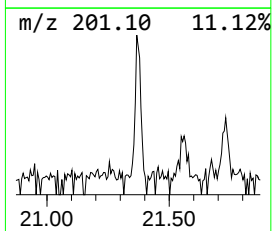
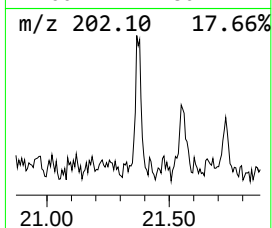
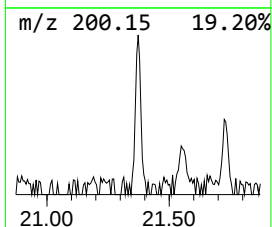
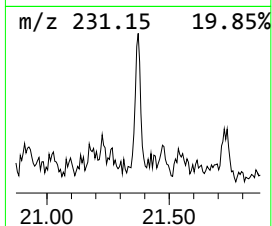
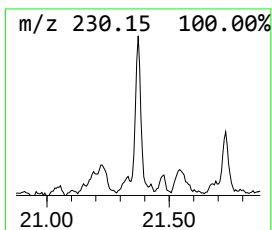
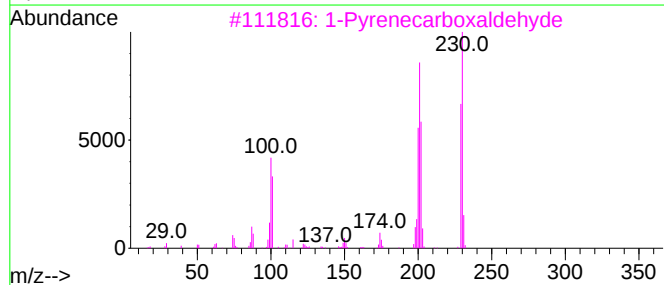
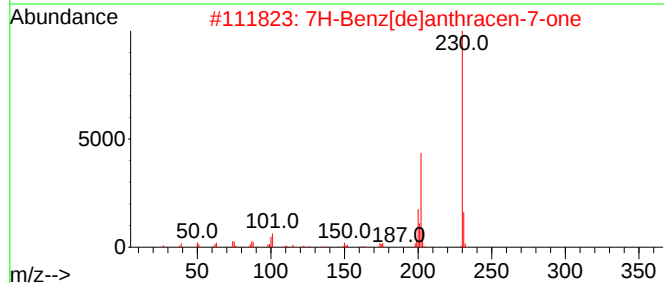
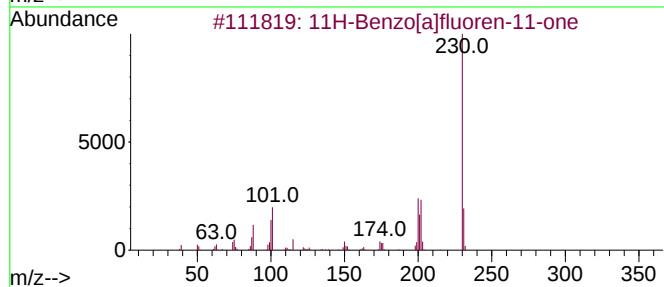
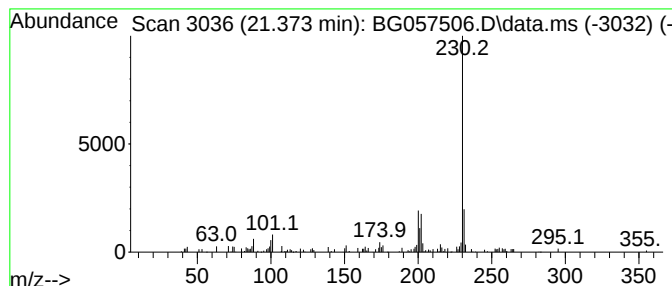
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.373	2.79 ng	60532	Chrysene-d12	22.013

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4			benzonitrile, 2-(3-isoquinoliny)-	230	C16H10N2	1000401-00-3	64
5			p-Terphenyl	230	C18H14	000092-94-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057506.D
Acq On : 22 May 2023 23:28
Operator : CG/JU
Sample : 02864-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-359

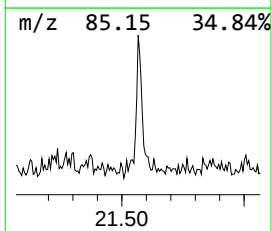
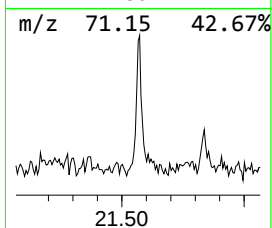
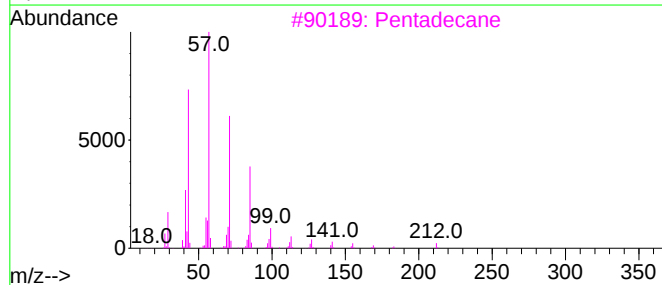
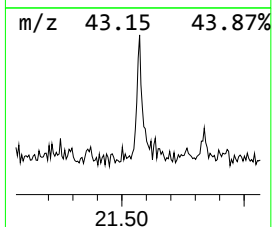
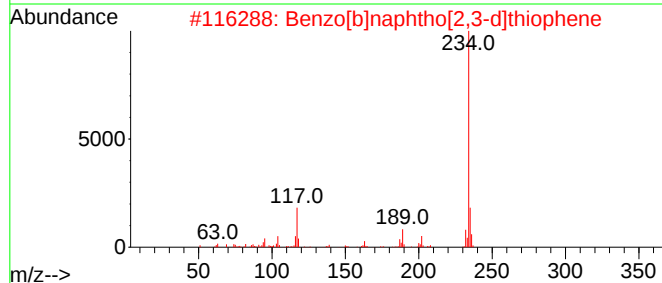
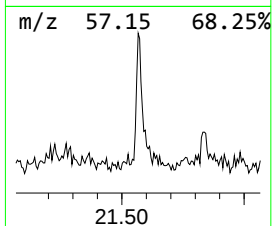
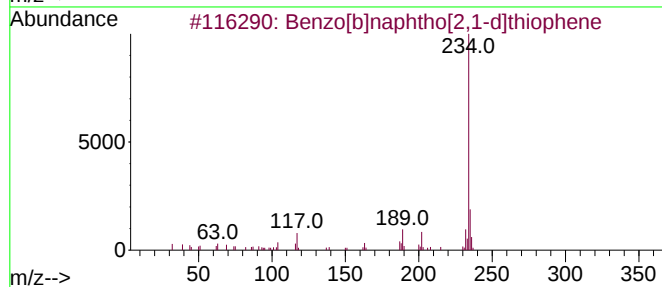
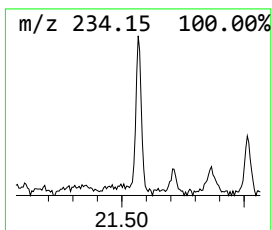
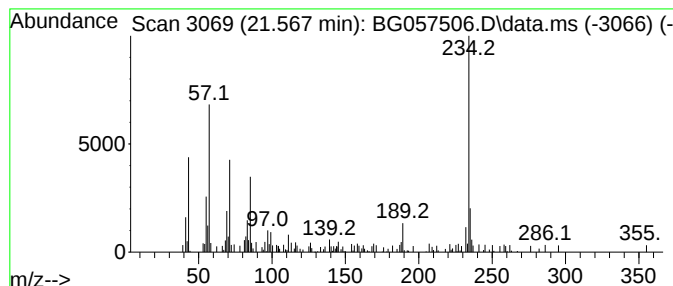
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.567	3.96 ng	86012	Chrysene-d12	22.013

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
3		Pentadecane	212	C15H32	000629-62-9	35
4		3-Iodoanisole	234	C7H7IO	000766-85-8	27
5		Tetratetracontane	619	C44H90	007098-22-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057506.D
 Acq On : 22 May 2023 23:28
 Operator : CG/JU
 Sample : 02864-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-359

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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
Oxirane, [(1-me...	5.388	3.1	ng	21980	1	8.355	139446	20.0
Benzene, 1,3-di...	5.941	2.6	ng	18040	1	8.355	139446	20.0
Tetradecane	11.116	3.4	ng	32709	2	11.192	192772	20.0
Octane, 2,3,7-t...	12.156	3.8	ng	36754	2	11.192	192772	20.0
Octane, 2,4,6-t...	12.538	3.9	ng	37129	2	11.192	192772	20.0
Nonadecane	13.754	3.0	ng	40783	3	14.970	268052	20.0
Naphthalene, 1,...	14.288	3.1	ng	41411	3	14.970	268052	20.0
Hexadecane	14.811	2.8	ng	38056	3	14.970	268052	20.0
Dodecane	15.757	4.8	ng	64221	3	14.970	268052	20.0
Benzophenone	16.303	7.7	ng	103769	3	14.970	268052	20.0
n-Hexadecanoic ...	18.547	2.8	ng	47092	4	17.707	336794	20.0
Naphtho[2,3-b]n...	18.759	3.7	ng	62654	4	17.707	336794	20.0
5,16[1',2']:8,1...	19.058	3.8	ng	64291	4	17.707	336794	20.0
Anthracene, 2-e...	19.305	2.8	ng	47828	4	17.707	336794	20.0
Anthracene, 1,4...	19.469	4.4	ng	73951	4	17.707	336794	20.0
Phenanthrene, 4...	19.622	2.8	ng	46720	4	17.707	336794	20.0
11H-Benzo[a]flu...	21.373	2.8	ng	60532	5	22.013	434272	20.0
Benzo[b]naphtho...	21.567	4.0	ng	86012	5	22.013	434272	20.0