

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057507.D
 Acq On : 23 May 2023 00:09
 Operator : CG/JU
 Sample : 02864-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BIN

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: BG057507.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	307	315	325	rBV	27773	49775	4.23%	0.491%
2	5.875	392	398	405	rBV	279613	454693	38.63%	4.486%
3	5.940	405	409	418	rVB	12921	26273	2.23%	0.259%
4	6.316	467	473	478	rVB4	9328	18772	1.59%	0.185%
5	7.496	665	674	683	rBV	299624	545437	46.34%	5.382%
6	8.301	805	811	814	rBV2	13311	19352	1.64%	0.191%
7	8.354	814	820	835	rVB	84797	152086	12.92%	1.501%
8	9.194	957	963	969	rVV7	10259	21964	1.87%	0.217%
9	9.535	1012	1021	1032	rVB	188757	380760	32.35%	3.757%
10	9.793	1061	1065	1076	rVB5	8562	23547	2.00%	0.232%
11	11.115	1285	1290	1296	rBV	23113	39146	3.33%	0.386%
12	11.191	1296	1303	1308	rVV	114767	208852	17.74%	2.061%
13	11.238	1308	1311	1317	rVV	39636	68192	5.79%	0.673%
14	11.303	1317	1322	1328	rVB	26113	42709	3.63%	0.421%
15	11.861	1408	1417	1422	rBV6	12387	26563	2.26%	0.262%
16	12.155	1460	1467	1471	rBV2	36966	59463	5.05%	0.587%
17	12.537	1527	1532	1538	rBV	37193	56750	4.82%	0.560%
18	12.824	1574	1581	1588	rBV	37430	62009	5.27%	0.612%
19	12.954	1597	1603	1610	rBV6	10052	19595	1.66%	0.193%
20	13.036	1612	1617	1623	rVV	24992	40635	3.45%	0.401%
21	13.330	1662	1667	1673	rVB5	9250	18875	1.60%	0.186%
22	13.471	1686	1691	1696	rBV2	23380	32896	2.79%	0.325%
23	13.594	1703	1712	1718	rBV	545137	845142	71.80%	8.339%
24	13.753	1731	1739	1744	rBV	41851	71017	6.03%	0.701%
25	13.805	1744	1748	1753	rVB	22471	32502	2.76%	0.321%
26	14.146	1798	1806	1812	rVB5	15246	36436	3.10%	0.360%
27	14.287	1825	1830	1834	rVV2	23774	45597	3.87%	0.450%
28	14.340	1836	1839	1843	rVV3	19089	26799	2.28%	0.264%
29	14.405	1843	1850	1854	rVV4	28212	59103	5.02%	0.583%
30	14.522	1864	1870	1875	rBV4	16850	26456	2.25%	0.261%
31	14.816	1912	1920	1924	rVB	41871	61746	5.25%	0.609%
32	14.927	1935	1939	1941	rBV2	14797	21847	1.86%	0.216%
33	14.969	1941	1946	1952	rVV	181997	279056	23.71%	2.753%
34	15.033	1952	1957	1962	rVB8	14420	28538	2.42%	0.282%
35	15.162	1974	1979	1987	rVB7	10061	19876	1.69%	0.196%
36	15.268	1987	1997	2000	rBV8	11102	27288	2.32%	0.269%

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37	15.356	2007	2012	2019	rVB3	25250	47567	4.04%	0.469%
38	15.427	2019	2024	2028	rBV2	21893	33269	2.83%	0.328%
39	15.568	2043	2048	2052	rBV2	18399	29687	2.52%	0.293%
40	15.621	2053	2057	2062	rVB2	14788	22126	1.88%	0.218%
41	15.756	2068	2080	2087	rVB3	49149	97240	8.26%	0.959%
42	15.991	2116	2120	2123	rBV4	14128	19558	1.66%	0.193%
43	16.038	2123	2128	2135	rVB9	9576	24494	2.08%	0.242%
44	16.161	2144	2149	2153	rVB2	15915	22680	1.93%	0.224%
45	16.302	2165	2173	2179	rVB	78052	126193	10.72%	1.245%
46	16.455	2192	2199	2210	rVV	356686	589309	50.07%	5.815%
47	16.613	2222	2226	2229	rBV	47885	73735	6.26%	0.728%
48	16.748	2245	2249	2253	rBV4	12243	19120	1.62%	0.189%
49	16.866	2263	2269	2275	rVB2	24978	42861	3.64%	0.423%
50	16.972	2282	2287	2290	rBV2	16475	26181	2.22%	0.258%
51	17.013	2290	2294	2298	rVB5	14317	23909	2.03%	0.236%
52	17.236	2325	2332	2335	rBV6	18600	36536	3.10%	0.360%
53	17.359	2348	2353	2358	rBV2	30697	58242	4.95%	0.575%
54	17.406	2358	2361	2364	rVV	32270	36411	3.09%	0.359%
55	17.706	2404	2412	2416	rBV	225743	347548	29.53%	3.429%
56	17.753	2416	2420	2425	rVB	69863	109312	9.29%	1.079%
57	17.876	2436	2441	2448	rBV5	13026	29727	2.53%	0.293%
58	18.017	2454	2465	2471	rVB3	40774	92661	7.87%	0.914%
59	18.141	2483	2486	2491	rVB	35606	46491	3.95%	0.459%
60	18.288	2507	2511	2519	rVB2	31533	53246	4.52%	0.525%
61	18.546	2551	2555	2557	rVV4	27530	41078	3.49%	0.405%
62	18.575	2557	2560	2563	rVV	53266	77398	6.58%	0.764%
63	18.622	2563	2568	2573	rVB3	91804	158135	13.44%	1.560%
64	18.758	2586	2591	2596	rBV	54406	84612	7.19%	0.835%
65	18.805	2596	2599	2600	rVV	26856	30081	2.56%	0.297%
66	18.822	2600	2602	2607	rVB	38058	40526	3.44%	0.400%
67	18.881	2608	2612	2615	rBV2	16610	26349	2.24%	0.260%
68	18.951	2621	2624	2630	rVB3	25155	40652	3.45%	0.401%
69	19.057	2637	2642	2648	rBV2	71994	111311	9.46%	1.098%
70	19.116	2648	2652	2659	rVB4	24166	52499	4.46%	0.518%
71	19.210	2661	2668	2674	rBV9	11454	31372	2.67%	0.310%
72	19.280	2676	2680	2681	rBV4	14223	19580	1.66%	0.193%
73	19.304	2681	2684	2689	rVB3	22334	28664	2.44%	0.283%
74	19.351	2689	2692	2696	rBV	31875	43516	3.70%	0.429%
75	19.392	2696	2699	2705	rVB2	33398	43101	3.66%	0.425%
76	19.445	2705	2708	2709	rBV	32990	31812	2.70%	0.314%

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77	19.474	2709	2713	2718	rVB	58170	80581	6.85%	0.795%
78	19.521	2718	2721	2725	rVB2	21997	32543	2.76%	0.321%
79	19.562	2725	2728	2732	rVB2	29863	35396	3.01%	0.349%
80	19.609	2732	2736	2737	rBV	21041	25748	2.19%	0.254%
81	19.727	2750	2756	2762	rBV2	58716	136816	11.62%	1.350%
82	19.786	2762	2766	2770	rBV	57229	84674	7.19%	0.835%
83	20.009	2800	2804	2809	rVB2	34743	53416	4.54%	0.527%
84	20.068	2810	2814	2816	rBV4	16897	25033	2.13%	0.247%
85	20.103	2816	2820	2826	rVB2	57989	83244	7.07%	0.821%
86	20.162	2826	2830	2835	rVB	36234	55027	4.68%	0.543%
87	20.279	2839	2850	2854	rBV	880264	1177031	100.00%	11.613%
88	20.385	2865	2868	2871	rBV	26584	33715	2.86%	0.333%
89	20.479	2880	2884	2887	rBV2	13592	21091	1.79%	0.208%
90	20.537	2891	2894	2900	rVB3	37023	49773	4.23%	0.491%
91	21.037	2976	2979	2984	rVB2	31087	41230	3.50%	0.407%
92	21.372	3032	3036	3043	rVB	57081	92130	7.83%	0.909%
93	21.571	3066	3070	3084	rVB3	55753	118356	10.06%	1.168%
94	21.724	3094	3096	3105	rVB	22058	39949	3.39%	0.394%
95	22.012	3137	3145	3151	rBV2	215010	440207	37.40%	4.343%
96	22.065	3151	3154	3165	rVB2	41191	92457	7.86%	0.912%
97	22.317	3192	3197	3206	rVB8	18837	51987	4.42%	0.513%
98	22.793	3275	3278	3285	rVB2	30684	50407	4.28%	0.497%
99	22.870	3287	3291	3296	rVV	15216	30487	2.59%	0.301%
100	25.513	3725	3741	3751	rVB2	119000	465251	39.53%	4.590%

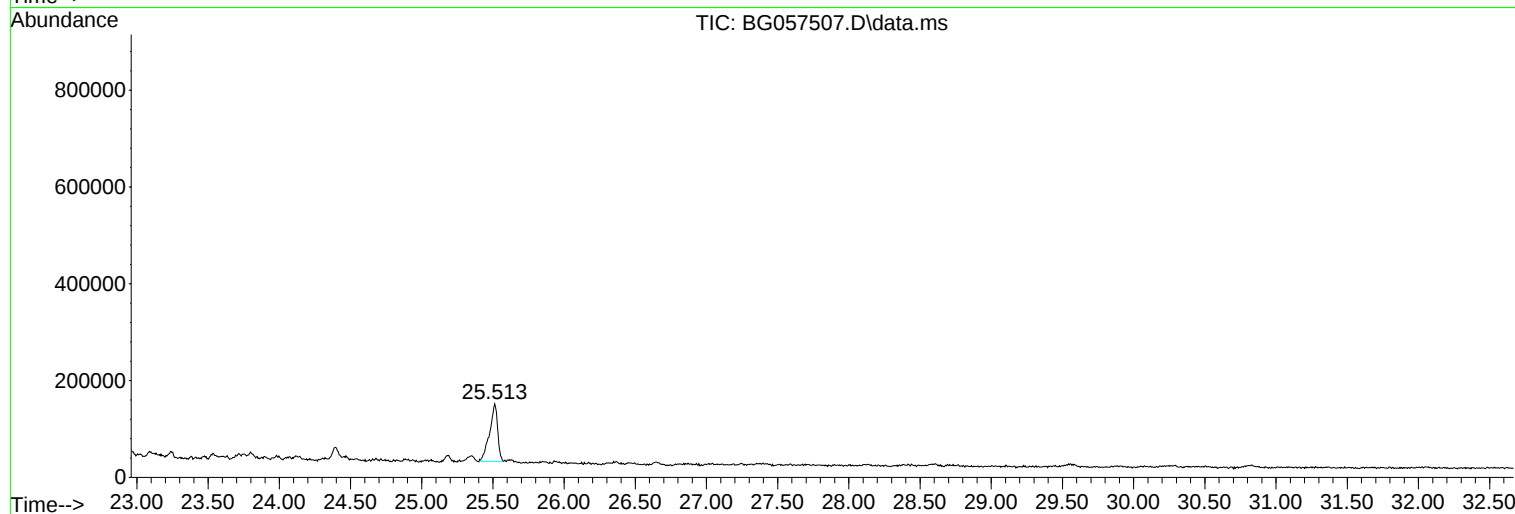
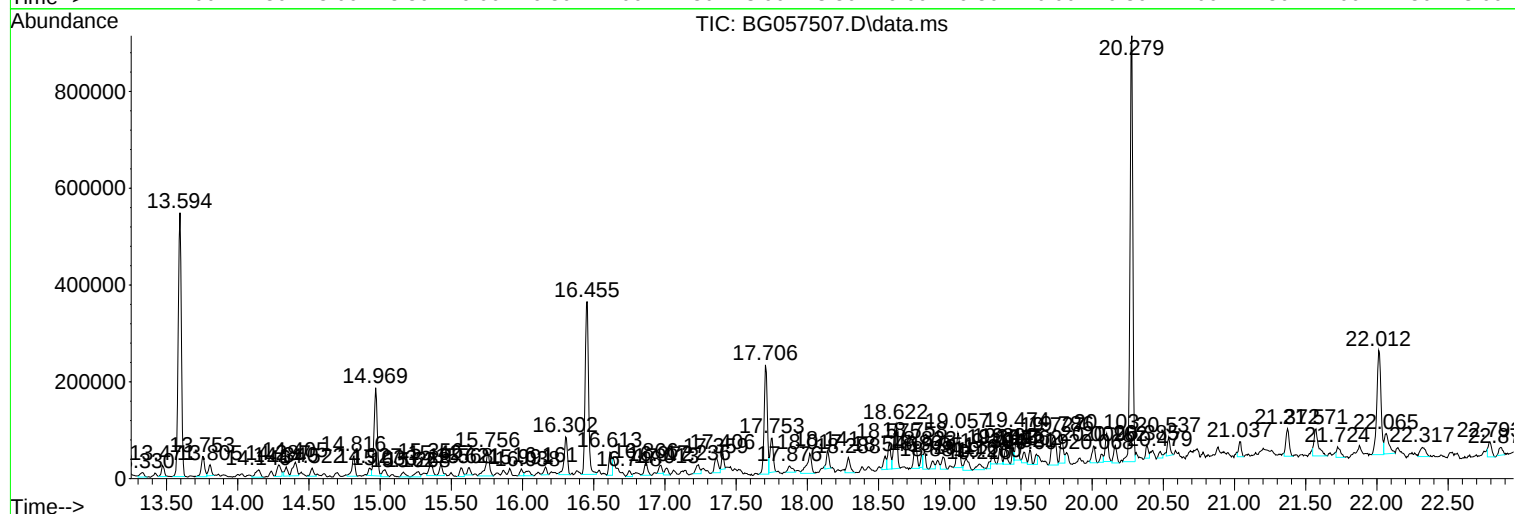
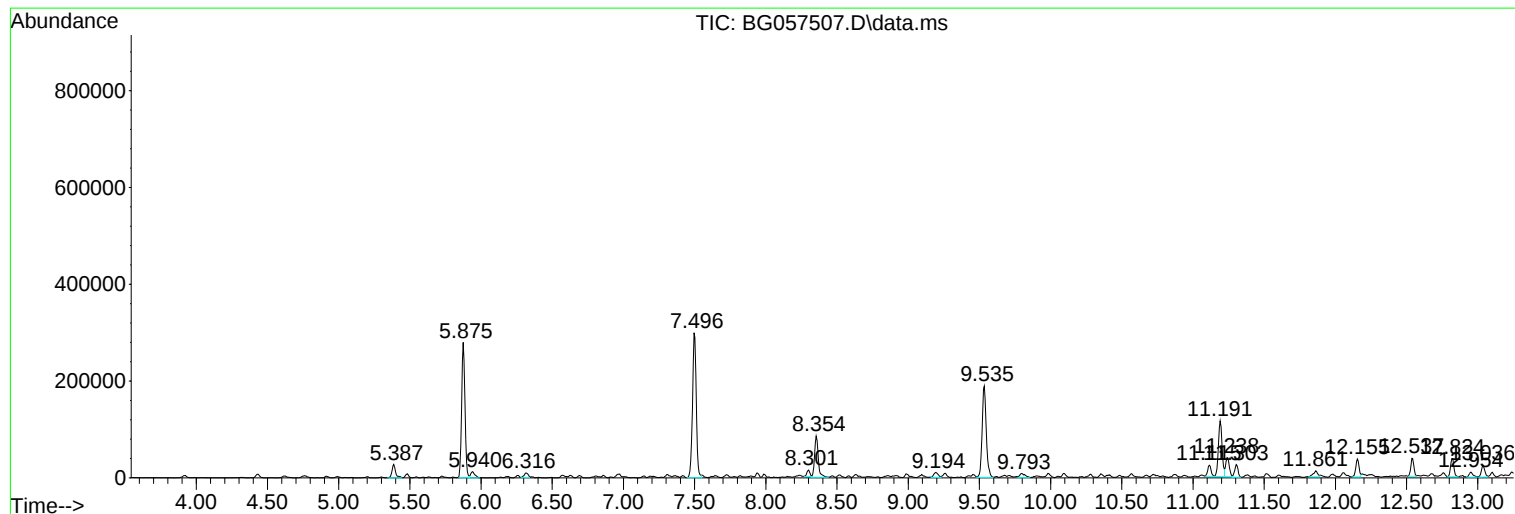
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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



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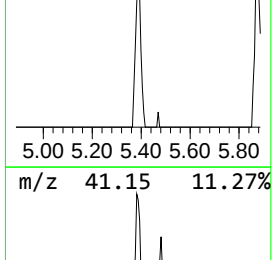
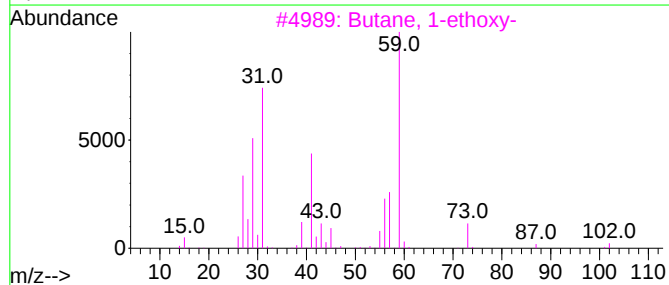
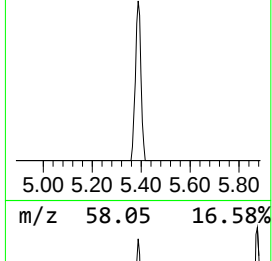
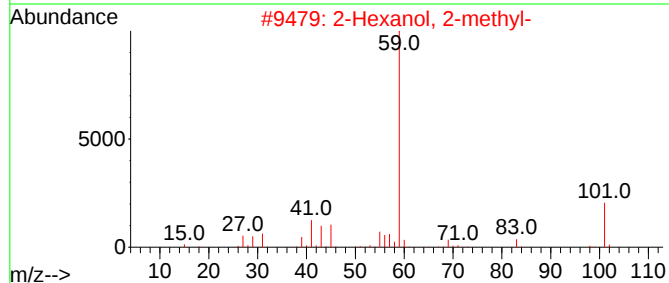
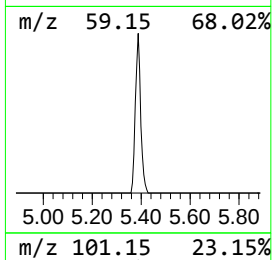
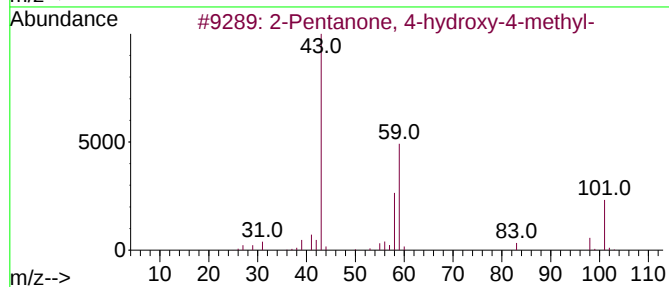
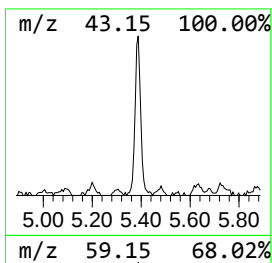
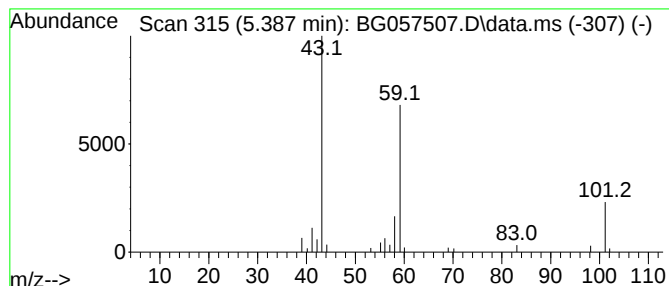
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.387	6.55 ng	49775	1,4-Dichlorobenzene-d4	8.360

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	42	
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25	
4	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	17	
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17	



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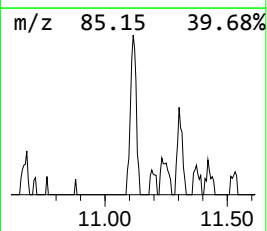
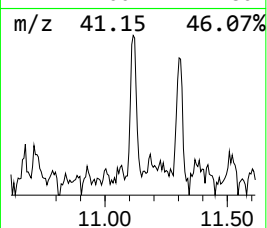
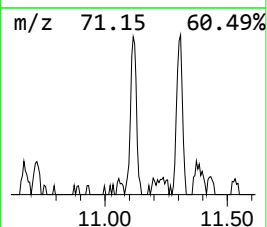
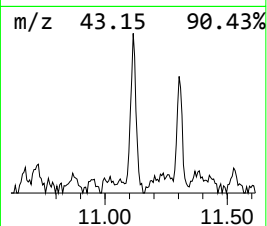
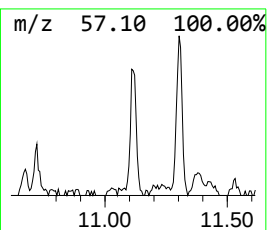
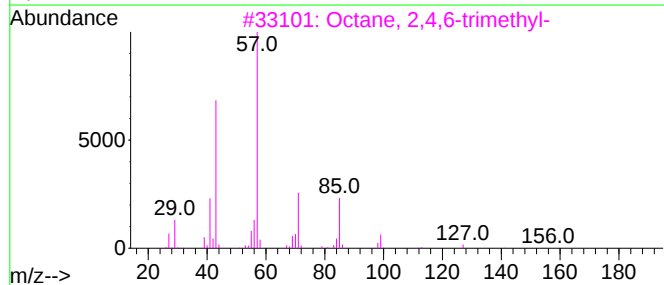
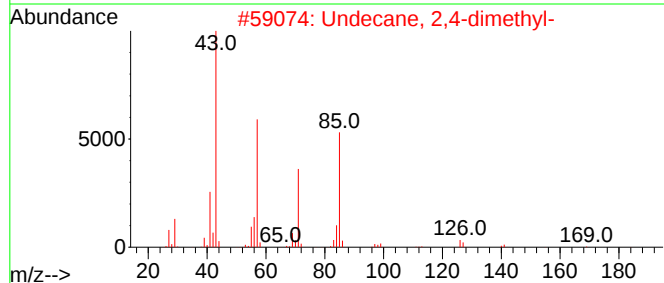
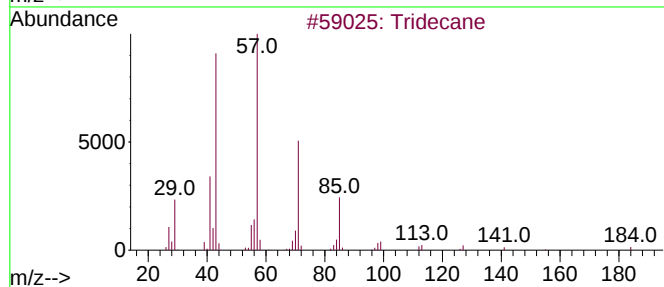
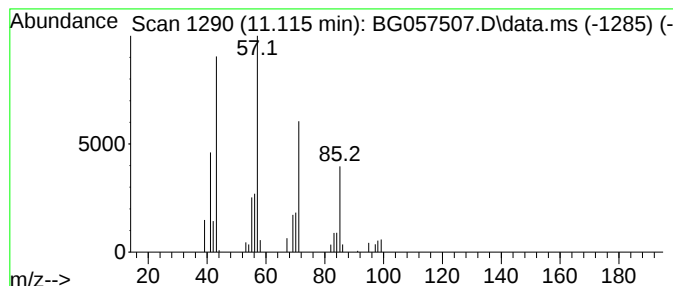
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.115	3.75 ng	39146	Naphthalene-d8	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	72
2			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
4			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



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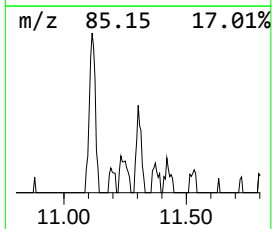
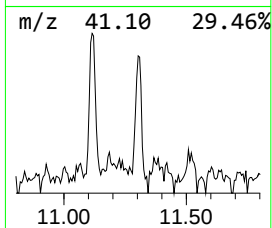
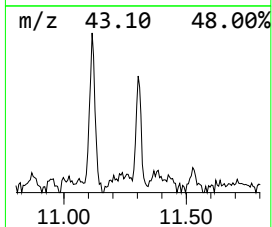
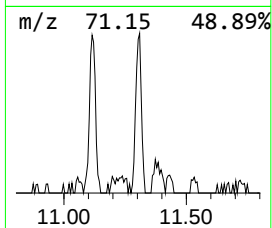
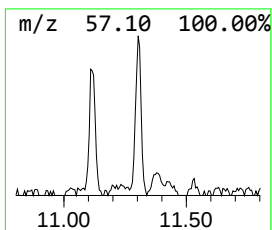
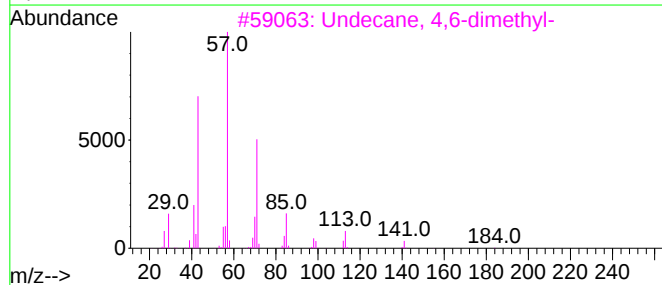
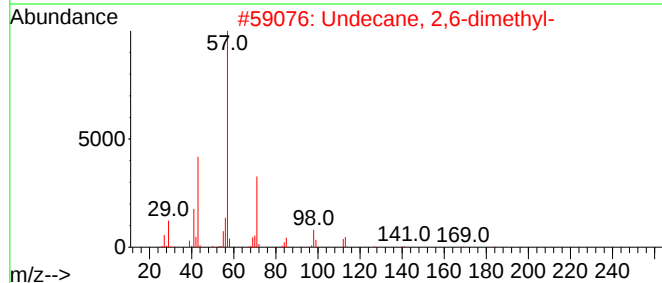
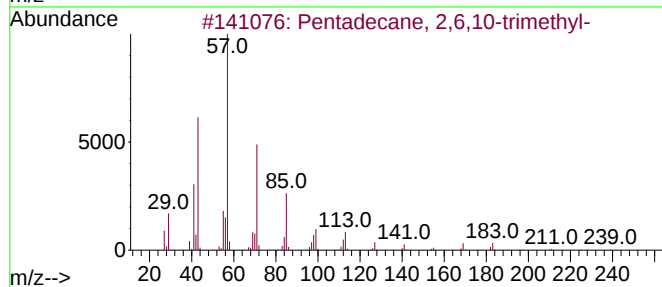
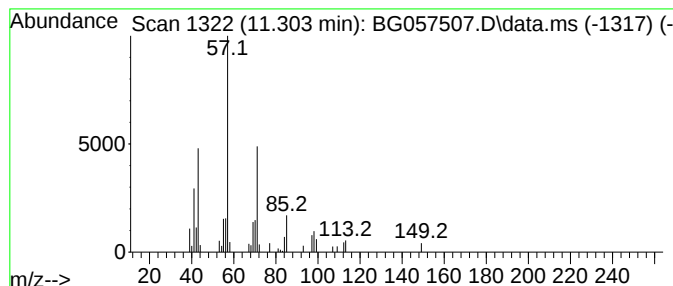
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.303	4.09 ng	42709	Naphthalene-d8	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5			Tritetracontane	605	C43H88	007098-21-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
Operator : CG/JU
Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-BIN

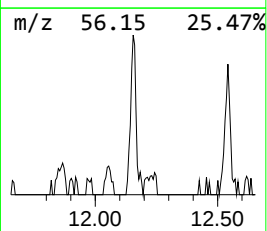
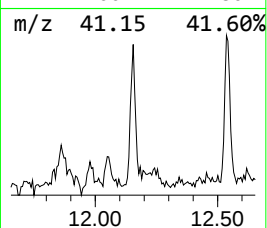
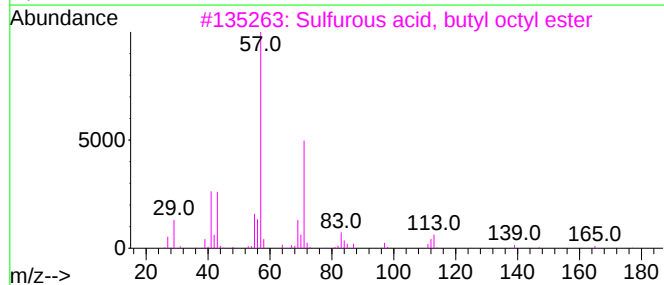
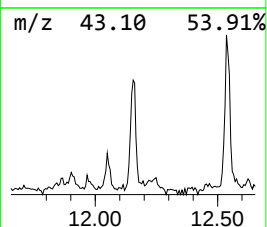
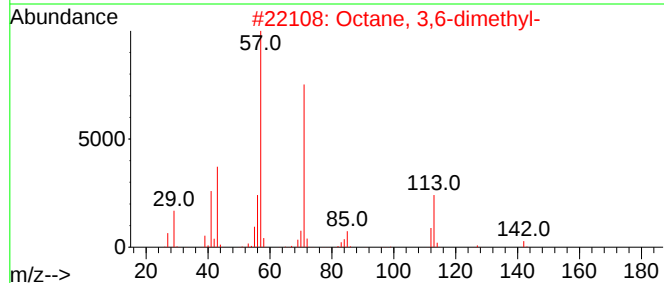
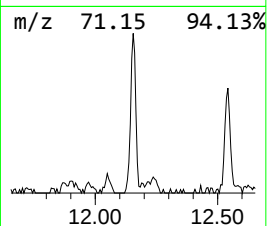
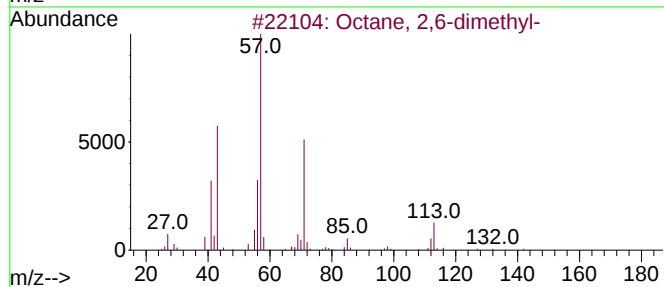
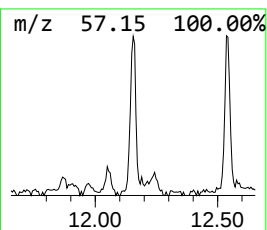
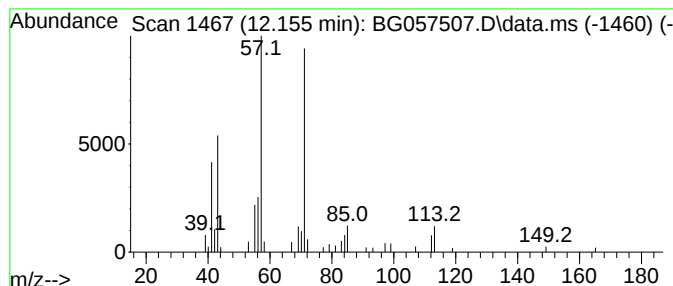
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.155	5.69 ng	59463	Naphthalene-d8	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
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Misc :
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ClientSampleId :
SOIL-BIN

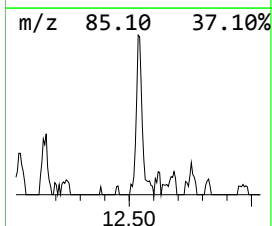
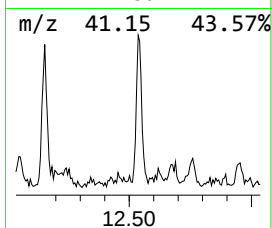
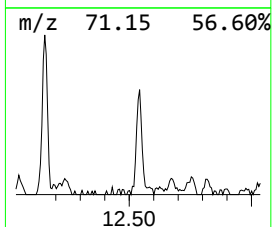
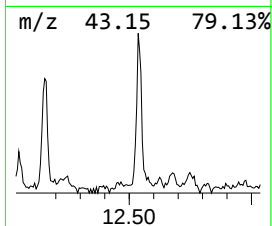
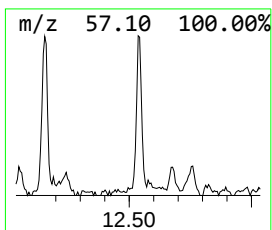
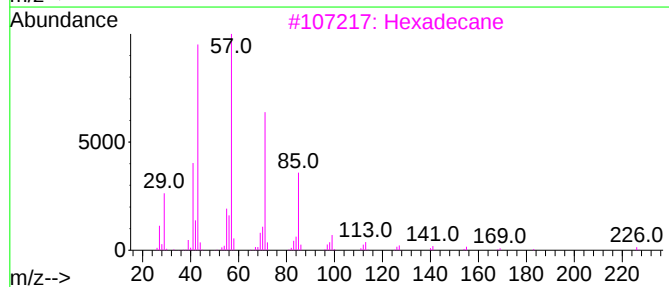
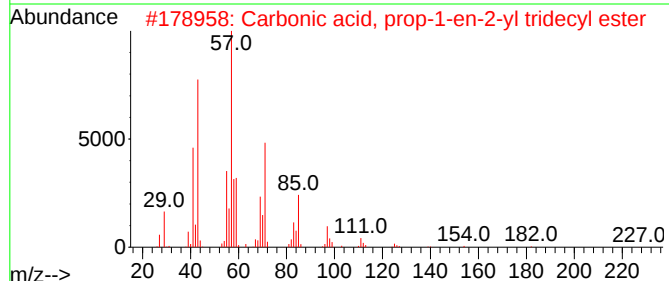
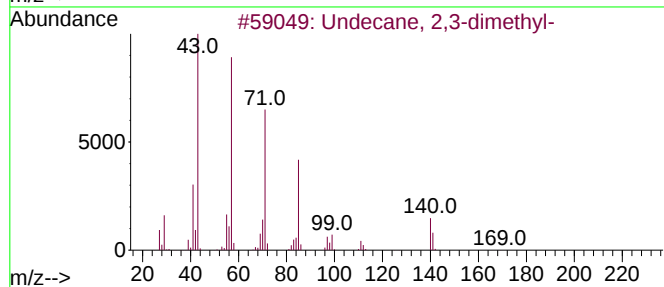
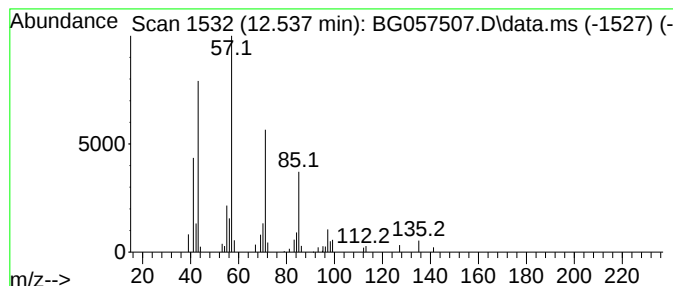
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.537	5.43 ng	56750	Naphthalene-d8	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
3			Hexadecane	226	C16H34	000544-76-3	80
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5			Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
Operator : CG/JU
Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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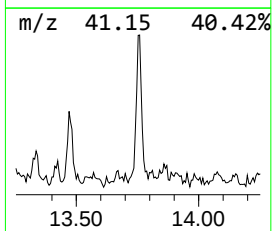
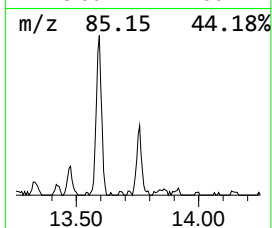
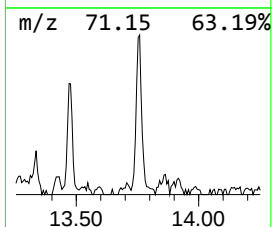
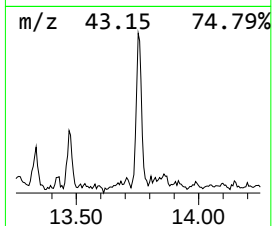
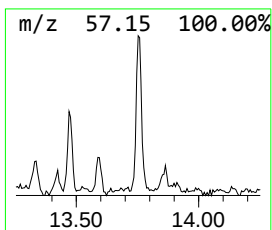
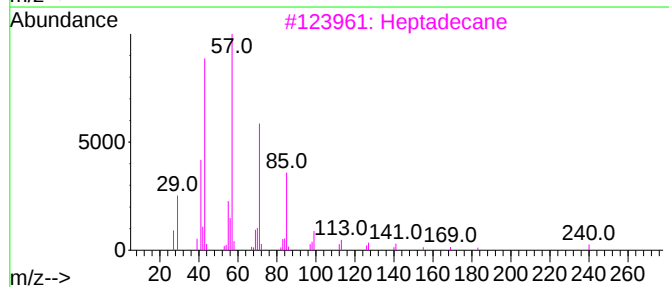
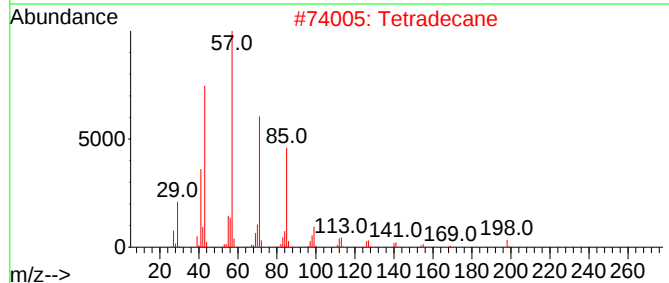
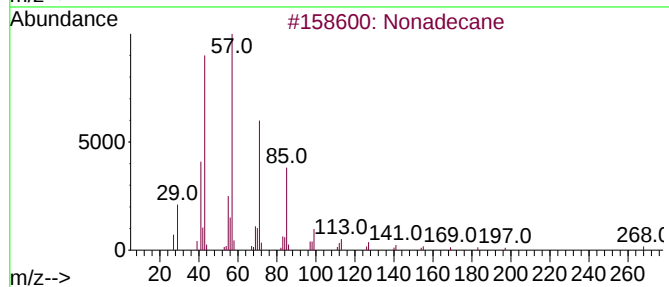
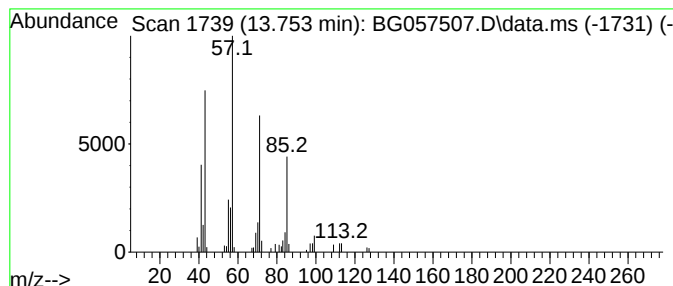
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.753	5.09 ng	71017	Acenaphthene-d10	14.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	80
2			Tetradecane	198	C14H30	000629-59-4	78
3			Heptadecane	240	C17H36	000629-78-7	72
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
Operator : CG/JU
Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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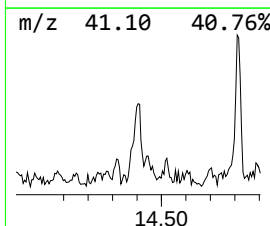
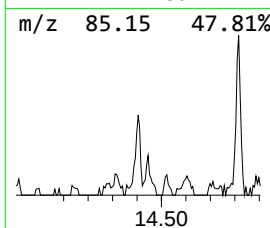
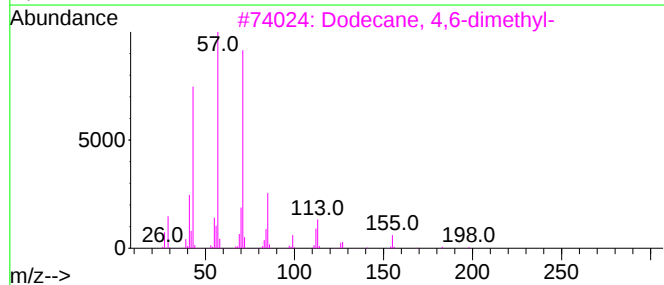
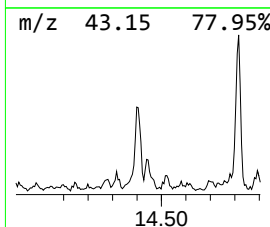
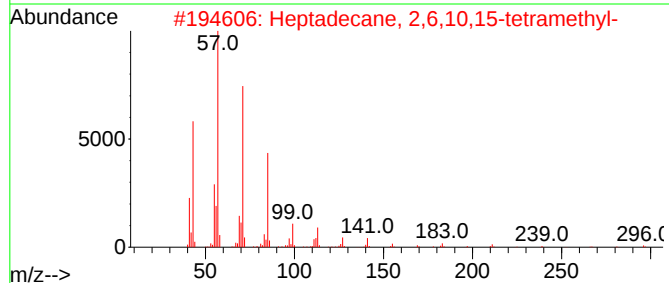
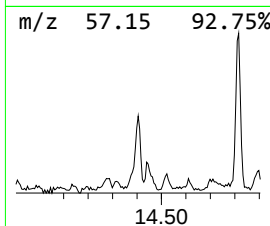
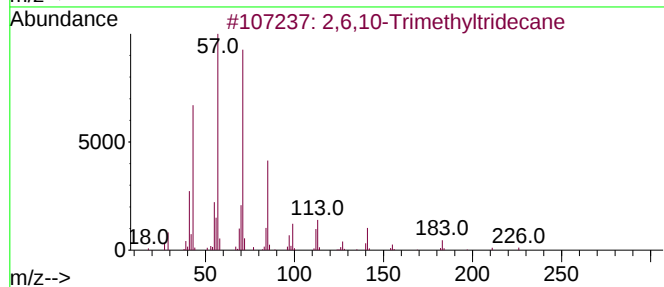
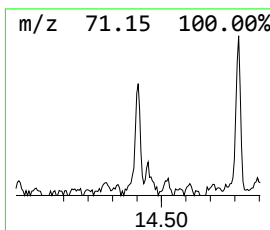
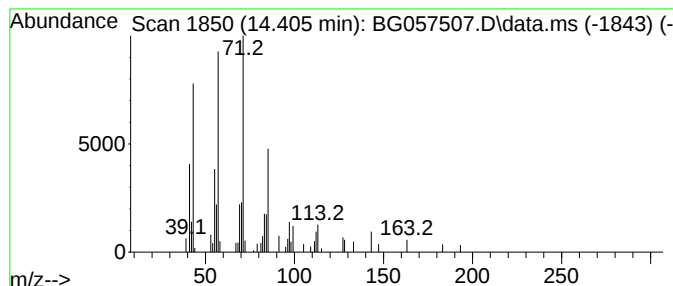
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,6,10-Trimethyltridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.405	4.24 ng	59103	Acenaphthene-d10	14.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
5			Nonadecane	268	C19H40	000629-92-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
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Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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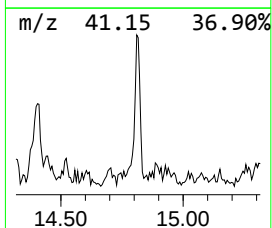
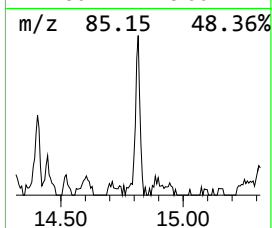
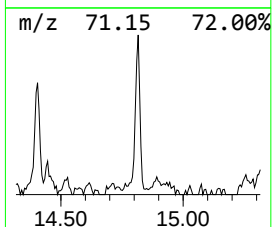
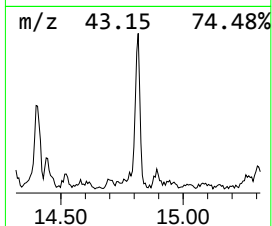
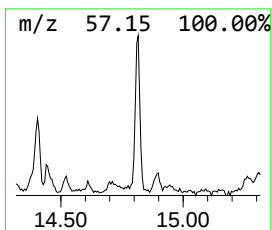
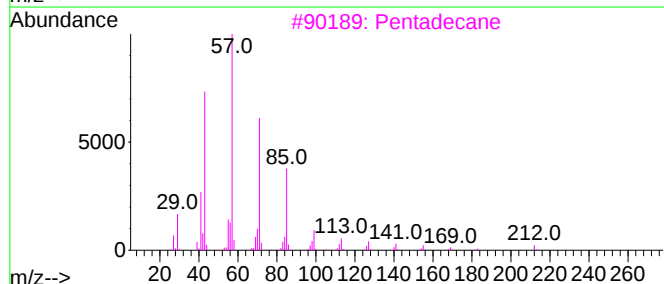
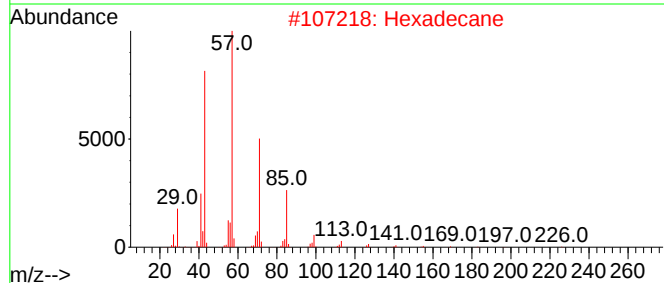
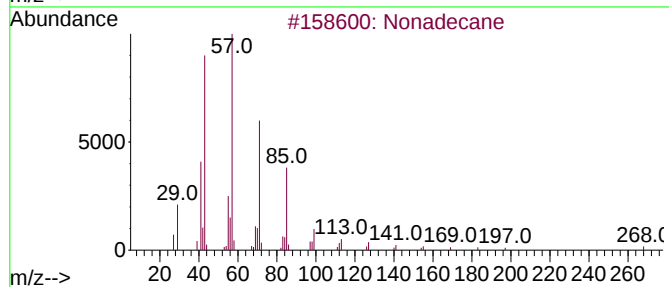
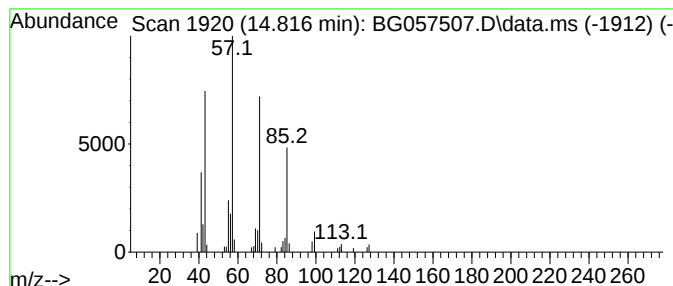
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	4.43 ng	61746	Acenaphthene-d10	14.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Hexadecane	226	C16H34	000544-76-3	80
3			Pentadecane	212	C15H32	000629-62-9	64
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
Operator : CG/JU
Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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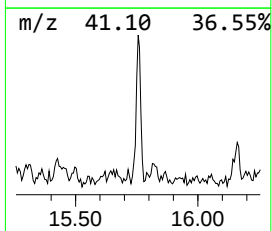
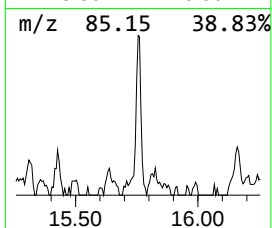
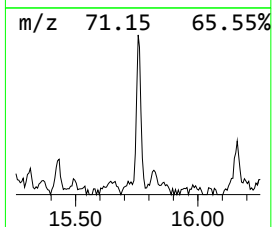
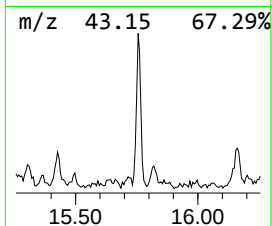
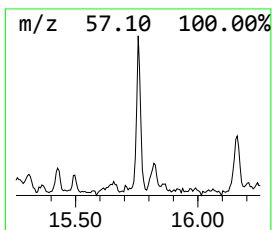
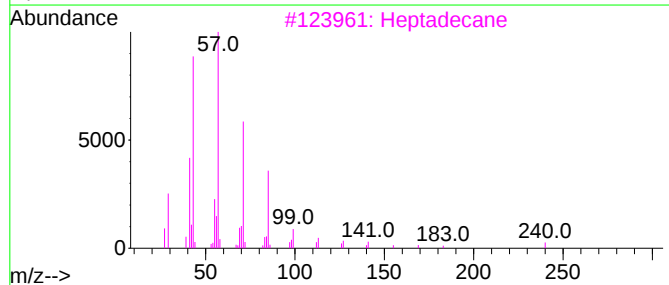
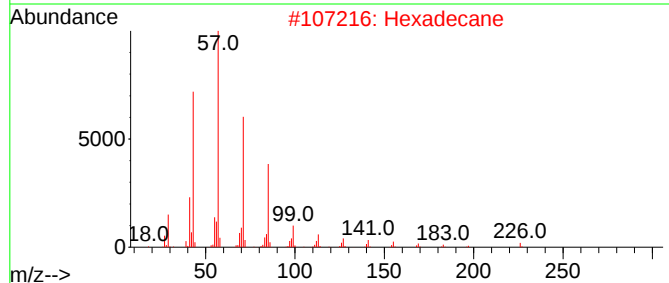
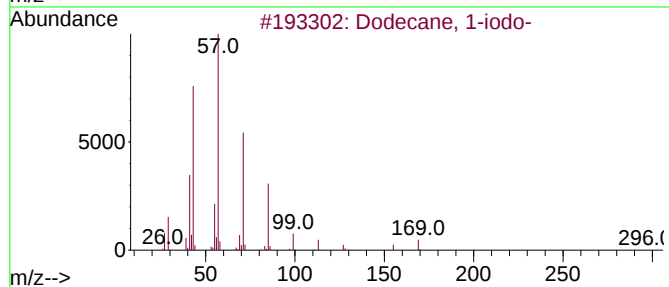
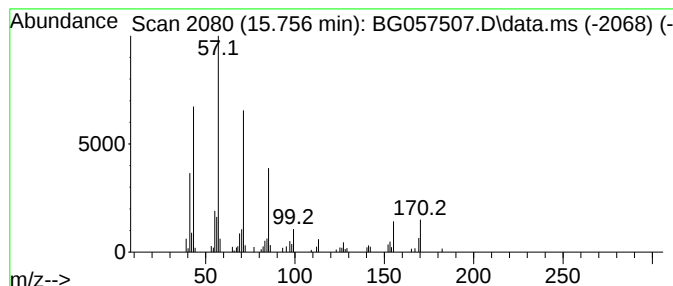
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.756	6.97 ng	97240	Acenaphthene-d10	14.969

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2		Hexadecane	226	C16H34	000544-76-3	72
3		Heptadecane	240	C17H36	000629-78-7	72
4		Octadecane	254	C18H38	000593-45-3	72
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
Operator : CG/JU
Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-BIN

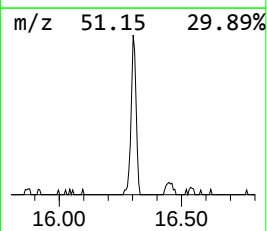
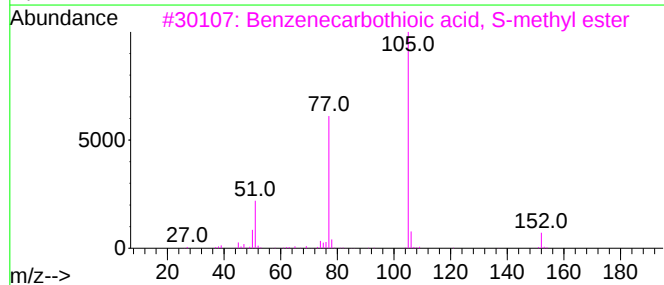
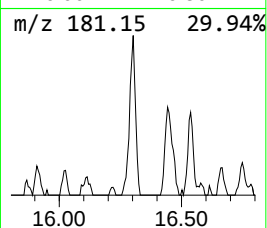
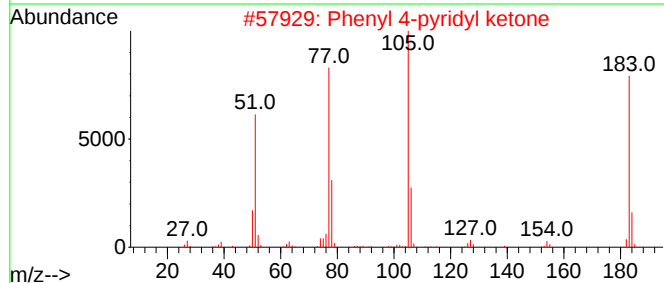
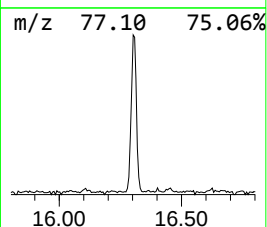
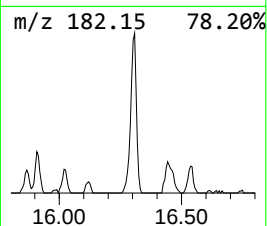
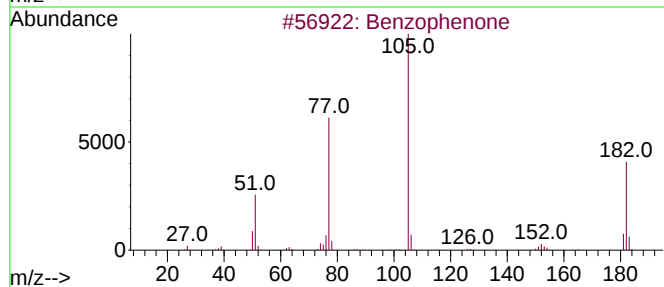
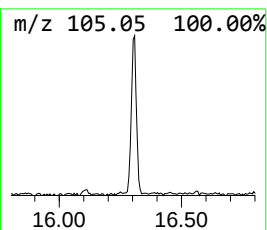
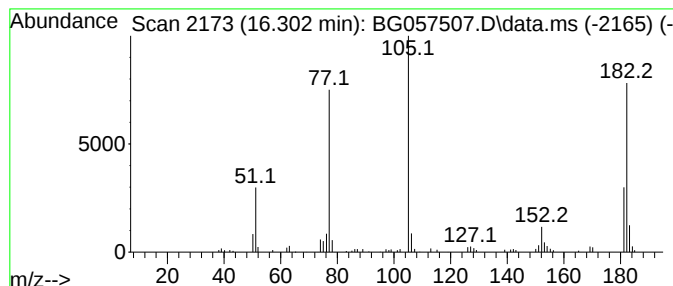
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.302	9.04 ng	126193	Acenaphthene-d10	14.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	45
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
4			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	41
5			Benzoylformic acid	150	C8H6O3	000611-73-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
Operator : CG/JU
Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

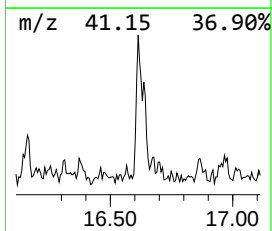
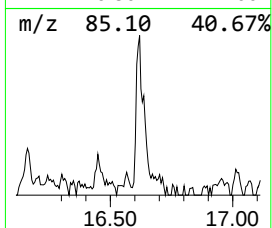
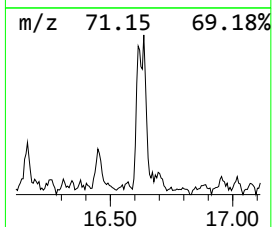
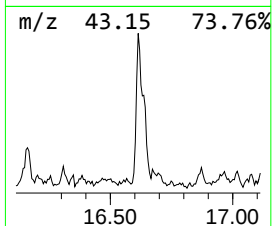
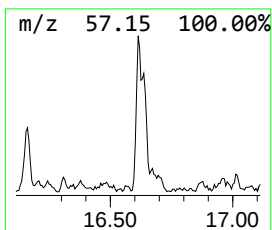
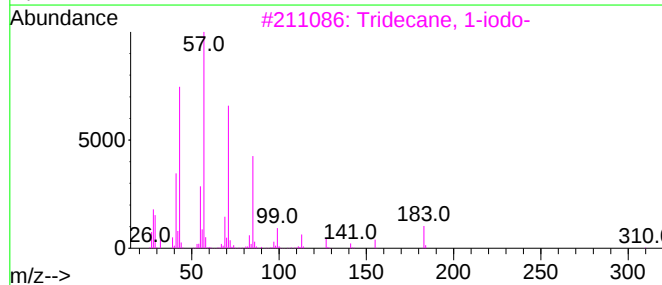
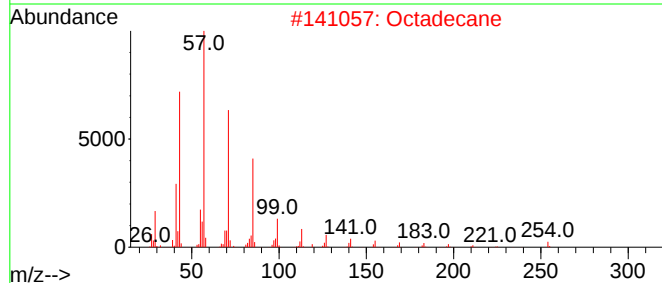
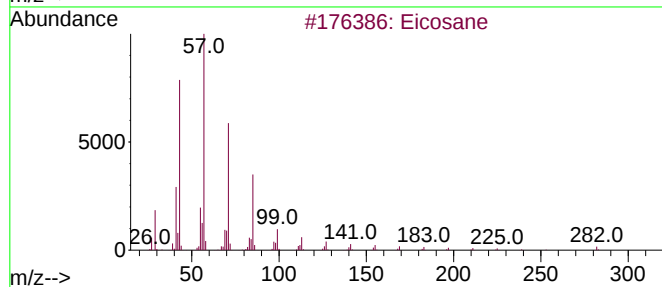
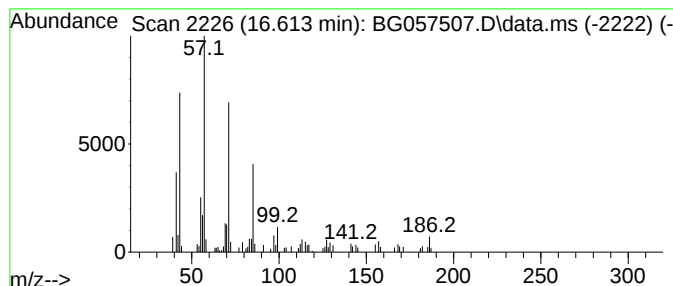
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.613	4.24 ng	73735	Phenanthrene-d10	17.706	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Octadecane	254	C18H38	000593-45-3	80
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
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Sample : 02864-07
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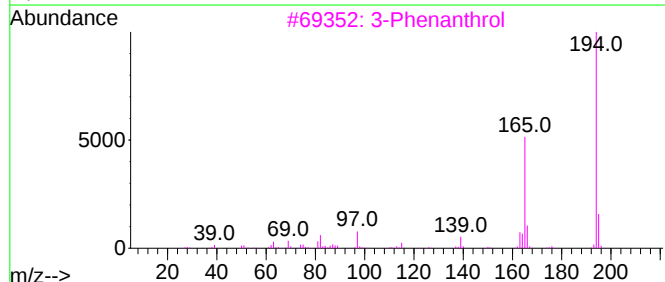
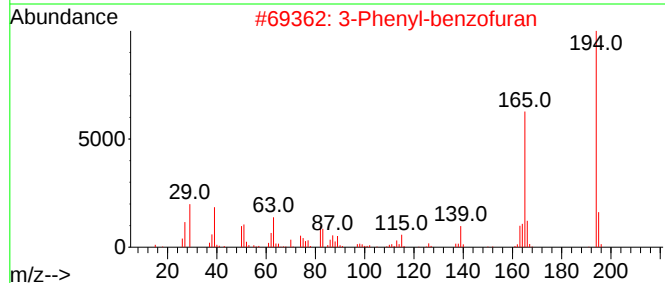
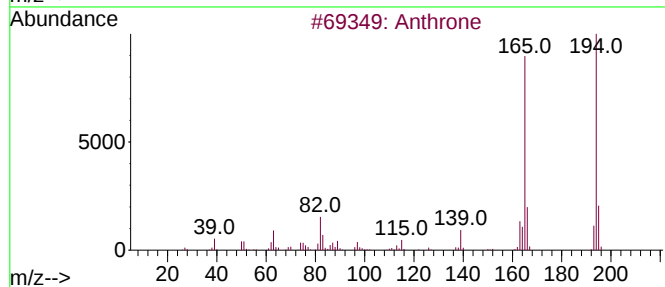
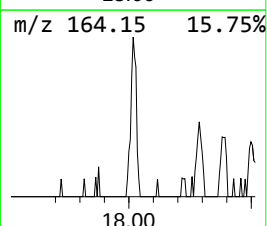
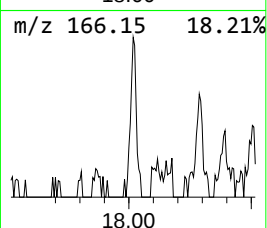
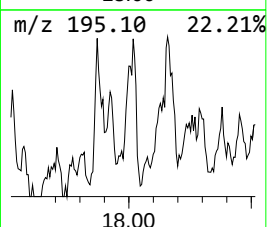
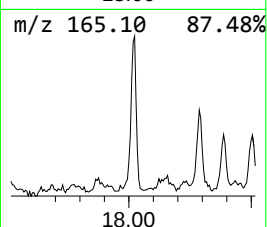
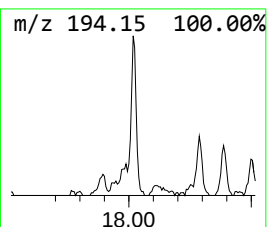
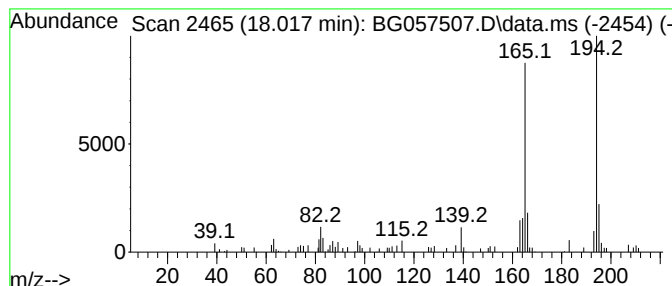
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthrone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.017	5.33 ng	92661	Phenanthrene-d10		17.706	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthrone		194	C14H10O	000090-44-8	96
2	3-Phenyl-benzofuran		194	C14H10O	029909-72-6	93
3	3-Phenanthrol		194	C14H10O	000605-87-8	91
4	9H-Fluoren-9-one, hydrazone		194	C13H10N2	013629-22-6	91
5	1-Phenanthrenol		194	C14H10O	002433-56-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
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Sample : 02864-07
Misc :
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Instrument :
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ClientSampleId :
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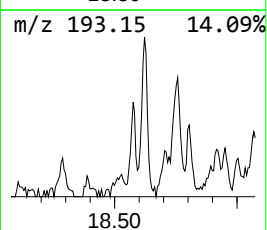
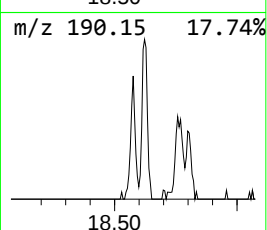
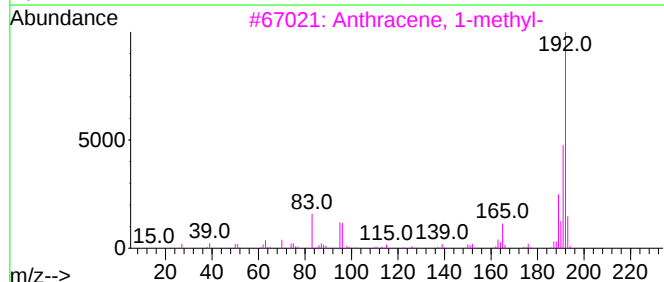
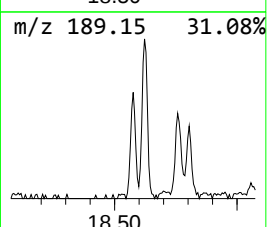
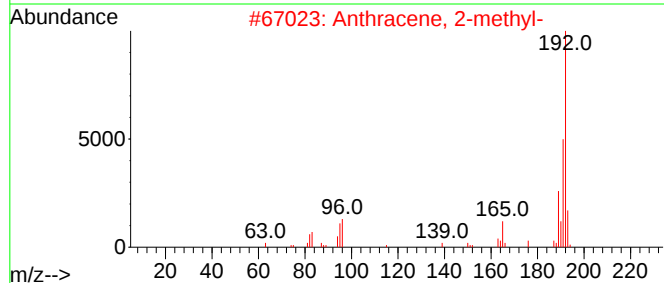
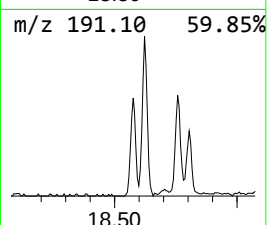
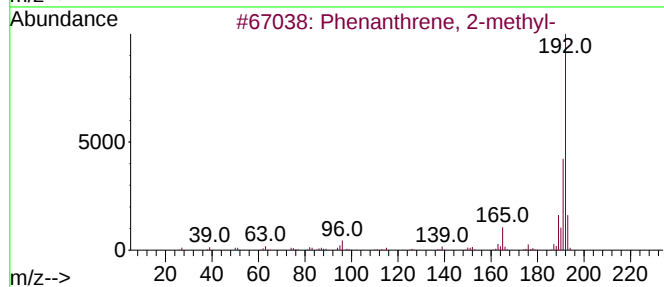
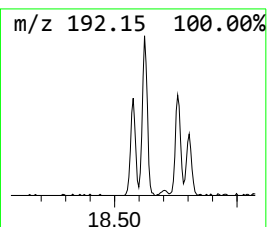
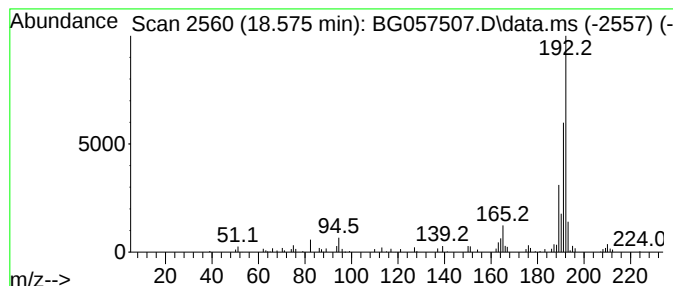
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	4.45 ng	77398	Phenanthrene-d10	17.706

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
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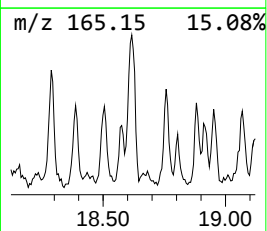
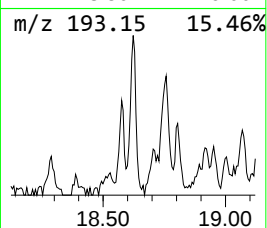
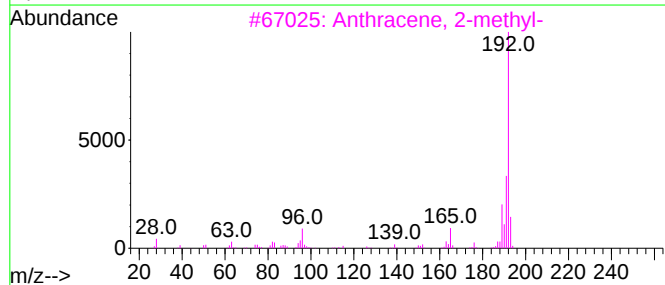
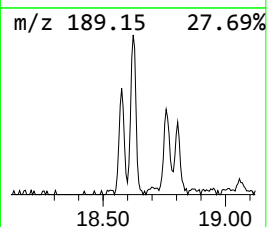
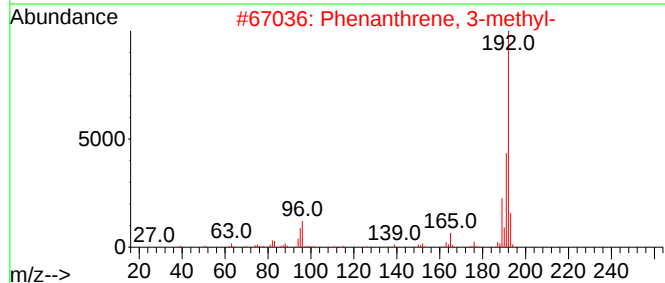
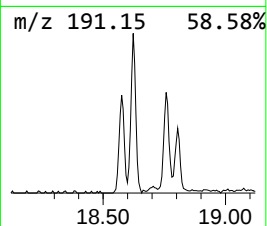
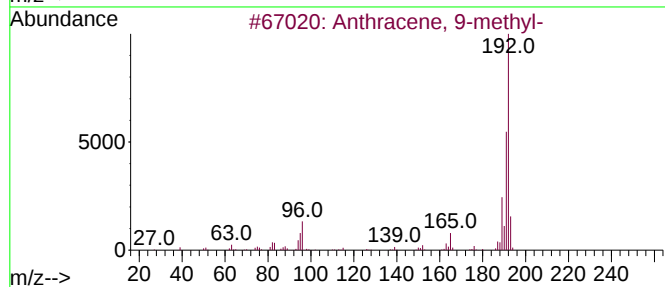
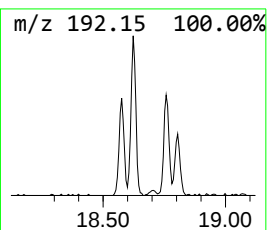
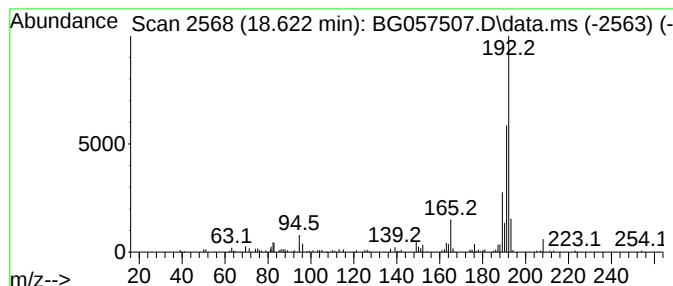
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Anthracene, 9-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	9.10 ng	158135	Phenanthrene-d10	17.706

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
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Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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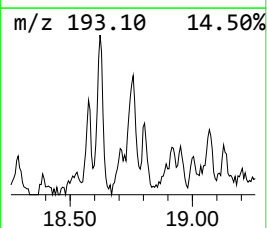
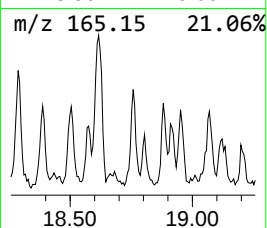
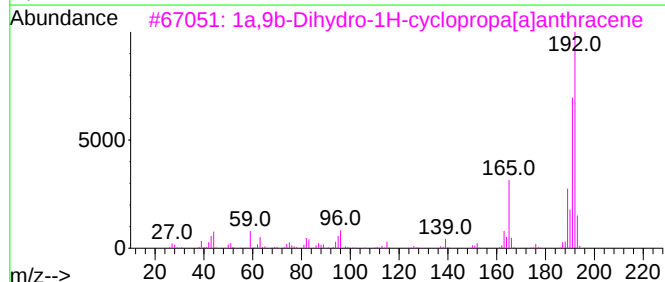
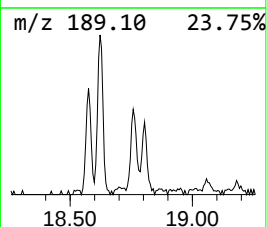
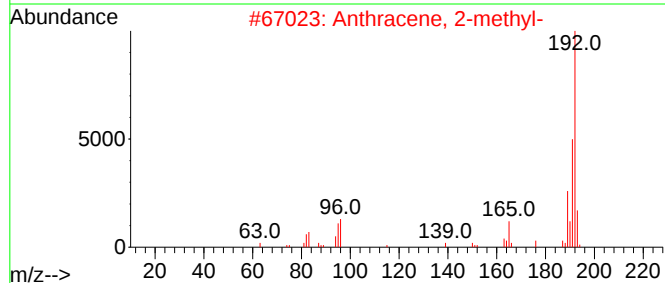
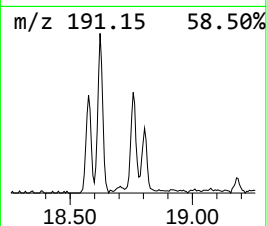
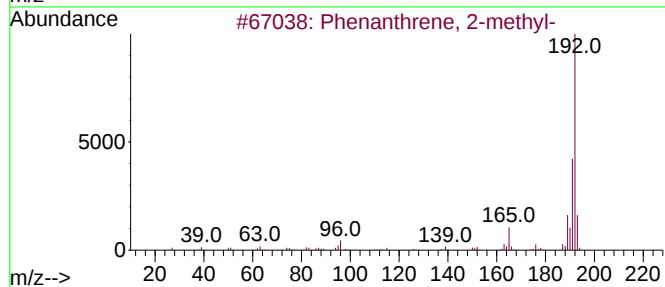
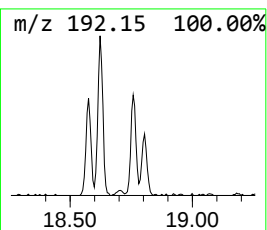
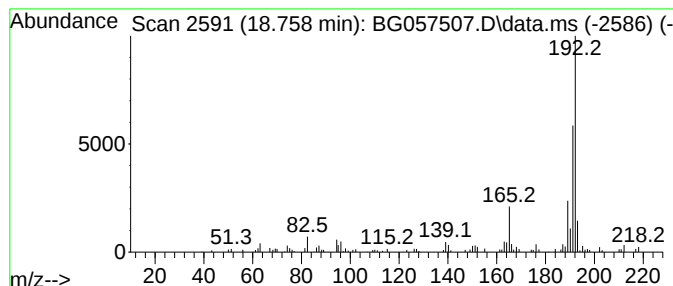
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.758	4.87 ng	84612	Phenanthrene-d10	17.706

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	93
4			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
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ClientSampleId :
SOIL-BIN

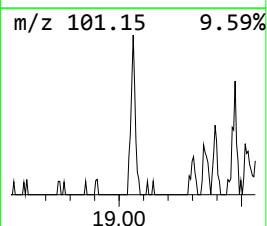
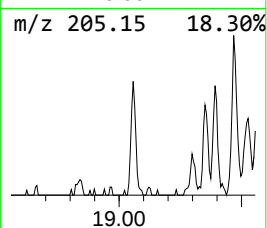
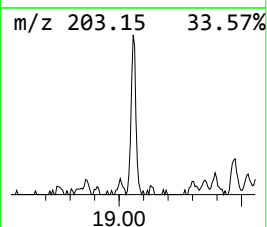
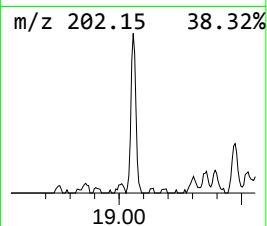
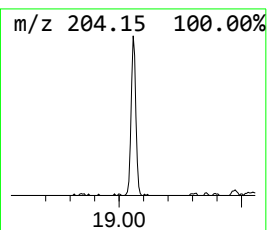
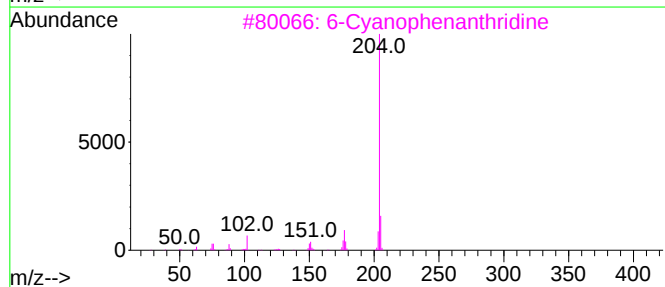
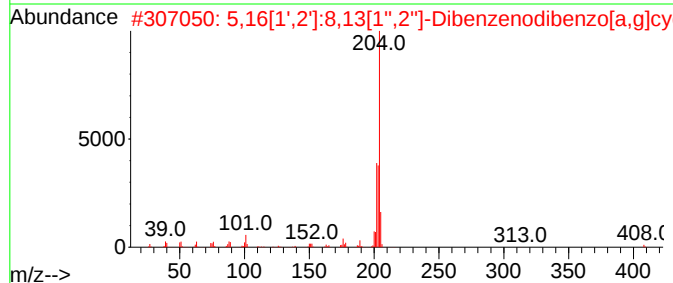
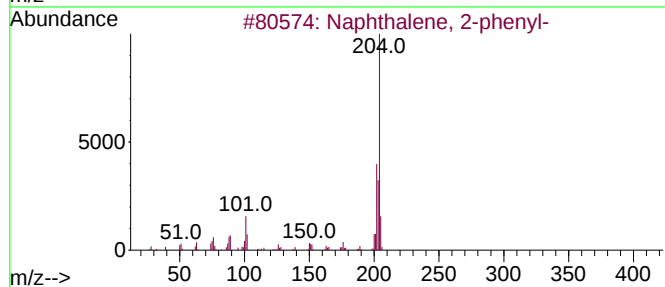
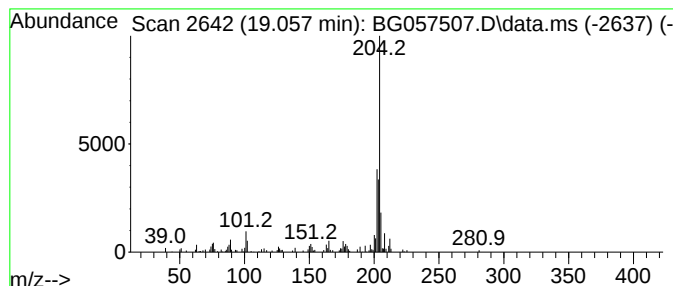
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	6.41 ng	111311	Phenanthrene-d10	17.706

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-BIN

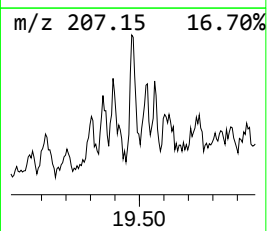
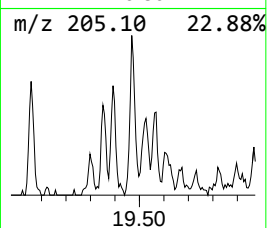
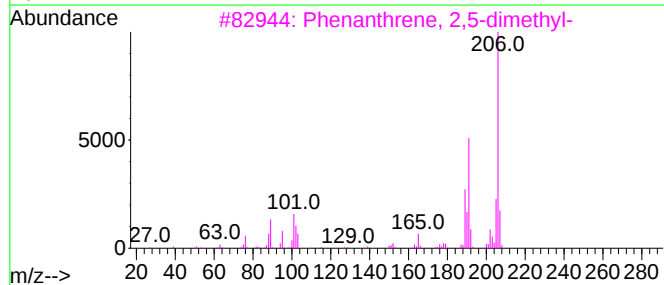
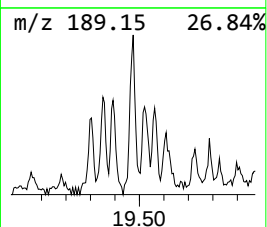
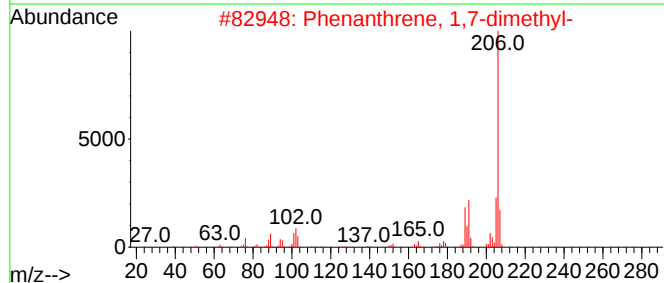
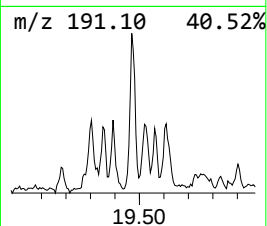
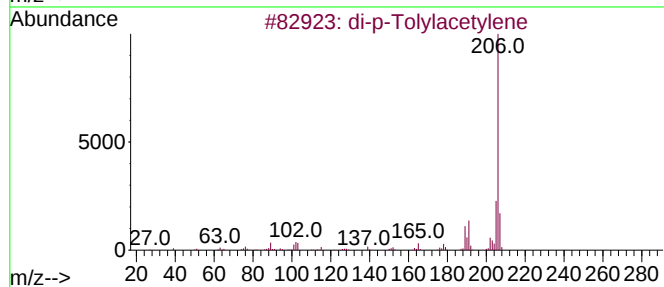
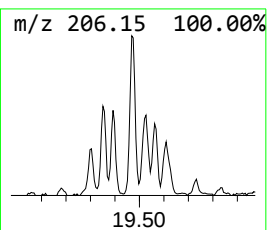
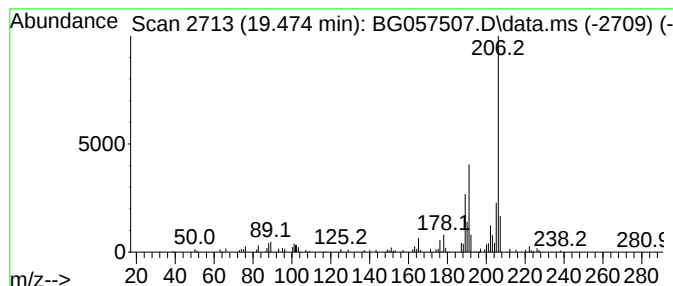
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	4.64 ng	80581	Phenanthrene-d10	17.706

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
Operator : CG/JU
Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

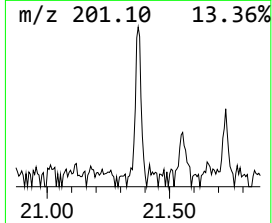
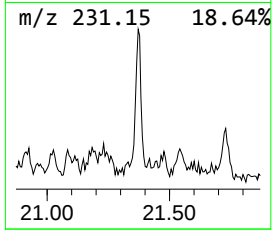
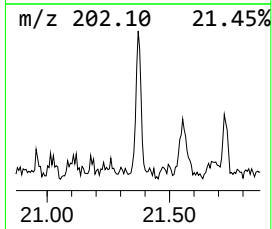
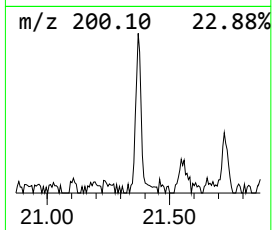
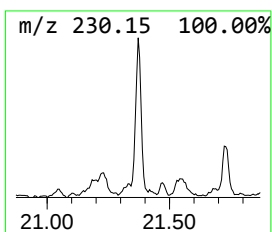
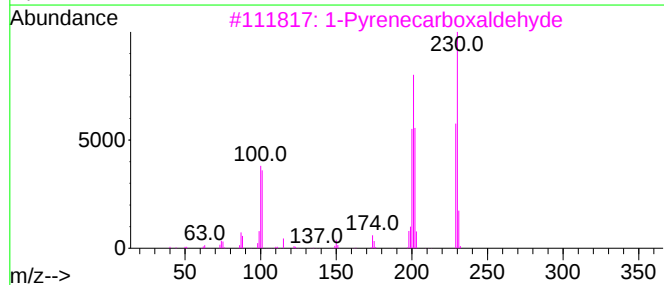
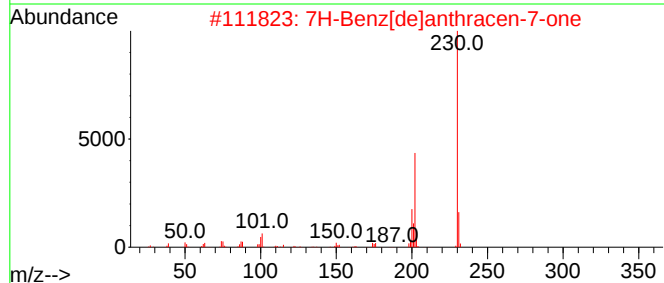
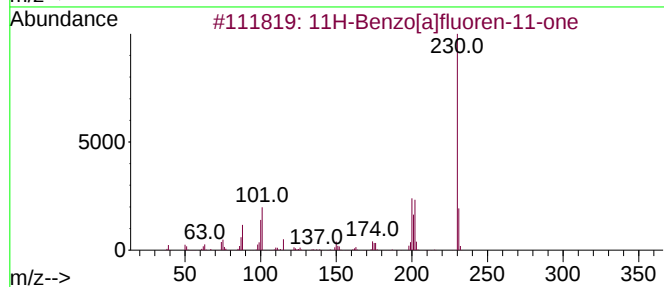
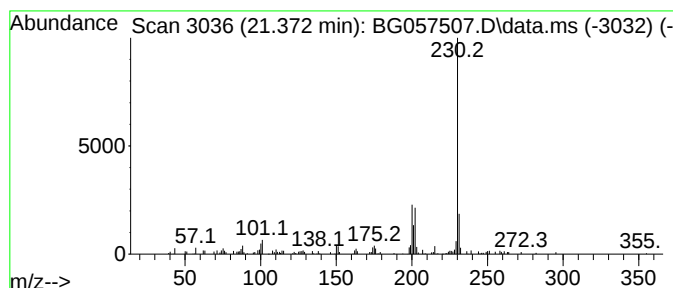
Instrument :
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ClientSampleId :
SOIL-BIN

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 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.372	4.19 ng	92130	Chrysene-d12	22.012	
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	86
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	p-Terphenyl	230	C18H14	000092-94-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057507.D
Acq On : 23 May 2023 00:09
Operator : CG/JU
Sample : 02864-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-BIN

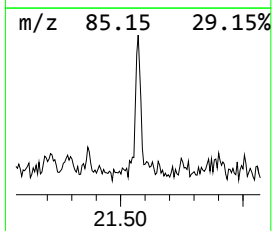
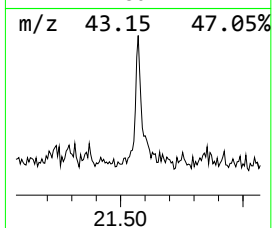
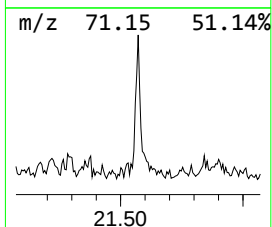
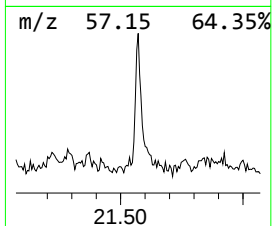
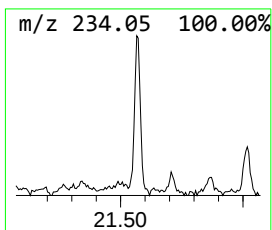
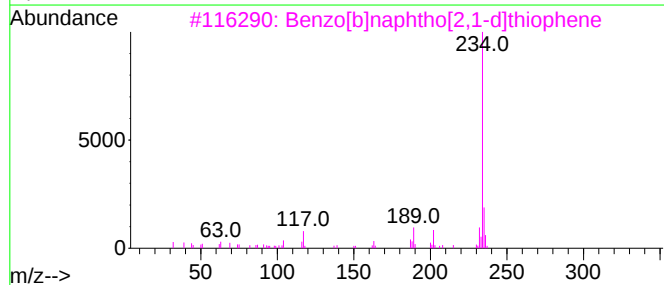
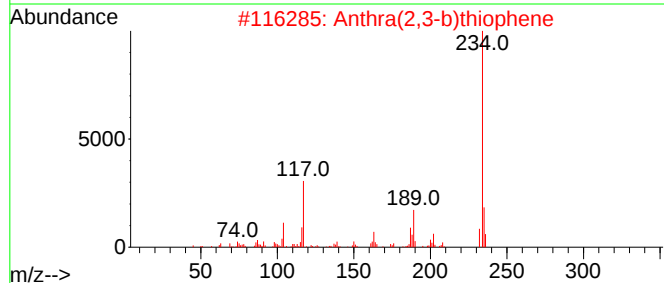
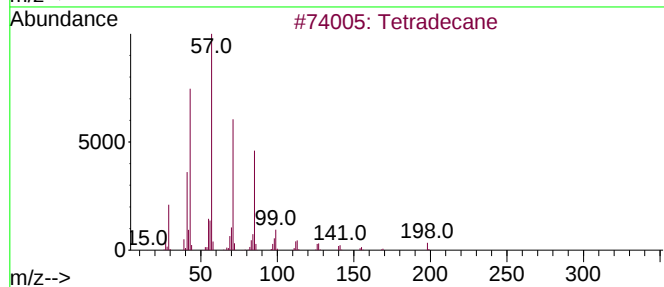
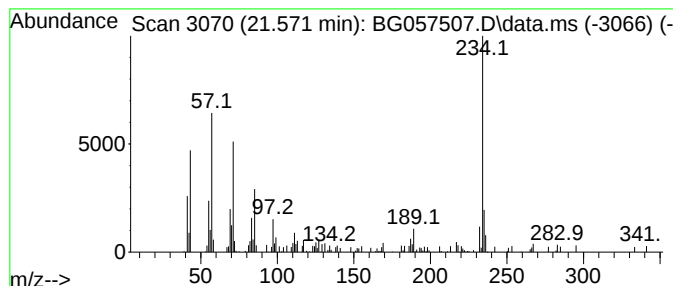
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.571	5.38 ng	118356	Chrysene-d12	22.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	68
2			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	52
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	52
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	52
5			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057507.D
 Acq On : 23 May 2023 00:09
 Operator : CG/JU
 Sample : 02864-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BIN

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
2-Pentanone, 4-...	5.387	6.5	ng	49775	1	8.360	152086	20.0
Tridecane	11.115	3.8	ng	39146	2	11.191	208852	20.0
Pentadecane, 2,...	11.303	4.1	ng	42709	2	11.191	208852	20.0
Octane, 2,6-dim...	12.155	5.7	ng	59463	2	11.191	208852	20.0
Undecane, 2,3-d...	12.537	5.4	ng	56750	2	11.191	208852	20.0
Nonadecane	13.753	5.1	ng	71017	3	14.969	279056	20.0
2,6,10-Trimethy...	14.405	4.2	ng	59103	3	14.969	279056	20.0
Hexadecane	14.816	4.4	ng	61746	3	14.969	279056	20.0
Dodecane, 1-iodo-	15.756	7.0	ng	97240	3	14.969	279056	20.0
Benzophenone	16.302	9.0	ng	126193	3	14.969	279056	20.0
Eicosane	16.613	4.2	ng	73735	4	17.706	347548	20.0
Anthrone	18.017	5.3	ng	92661	4	17.706	347548	20.0
Phenanthrene, 2...	18.575	4.5	ng	77398	4	17.706	347548	20.0
Anthracene, 9-m...	18.622	9.1	ng	158135	4	17.706	347548	20.0
Anthracene, 2-m...	18.758	4.9	ng	84612	4	17.706	347548	20.0
Naphthalene, 2-...	19.057	6.4	ng	111311	4	17.706	347548	20.0
di-p-Tolylacety...	19.474	4.6	ng	80581	4	17.706	347548	20.0
11H-Benzo[a]flu...	21.372	4.2	ng	92130	5	22.012	440207	20.0
Tetradecane	21.571	5.4	ng	118356	5	22.012	440207	20.0