

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056549.D
 Acq On : 3 Feb 2023 21:58
 Operator : CG/JU
 Sample : 01401-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-212023

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-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056549.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.312	339	344	352	rBV2	16479	27094	2.06%	0.283%
2	5.799	421	427	438	rBB	64588	114893	8.75%	1.200%
3	7.421	695	703	711	rBV	67499	123896	9.44%	1.294%
4	8.273	842	848	858	rVB	160765	277039	21.10%	2.894%
5	8.819	937	941	950	rVB5	5929	14571	1.11%	0.152%
6	8.913	952	957	961	rBV3	10586	15616	1.19%	0.163%
7	9.383	1032	1037	1041	rBV3	9056	15637	1.19%	0.163%
8	9.454	1041	1049	1060	rVB2	43637	109789	8.36%	1.147%
9	10.012	1140	1144	1152	rVB5	10768	20197	1.54%	0.211%
10	10.282	1184	1190	1194	rBV6	11233	18464	1.41%	0.193%
11	10.494	1220	1226	1230	rBV4	16997	29250	2.23%	0.306%
12	10.735	1262	1267	1272	rBV2	10363	14957	1.14%	0.156%
13	10.787	1272	1276	1283	rVB4	5912	13338	1.02%	0.139%
14	10.870	1283	1290	1296	rBV7	5353	14479	1.10%	0.151%
15	11.040	1314	1319	1323	rBV2	24787	37937	2.89%	0.396%
16	11.111	1323	1331	1337	rVB	193210	354373	27.00%	3.701%
17	11.228	1344	1351	1358	rVB5	17251	39445	3.00%	0.412%
18	11.305	1358	1364	1369	rBV7	7487	16498	1.26%	0.172%
19	11.569	1404	1409	1415	rVB8	13173	26934	2.05%	0.281%
20	11.686	1424	1429	1435	rBV7	7023	13635	1.04%	0.142%
21	11.786	1438	1446	1455	rVB9	17678	47386	3.61%	0.495%
22	11.921	1463	1469	1475	rVB6	13055	25257	1.92%	0.264%
23	12.004	1480	1483	1487	rVV4	13129	21655	1.65%	0.226%
24	12.080	1487	1496	1500	rVB4	14597	32050	2.44%	0.335%
25	12.133	1500	1505	1510	rBV7	10434	18551	1.41%	0.194%
26	12.186	1510	1514	1521	rVB4	7781	15946	1.21%	0.167%
27	12.280	1524	1530	1536	rVV3	32368	54272	4.13%	0.567%
28	12.468	1556	1562	1571	rBV4	43472	84592	6.44%	0.884%
29	12.632	1586	1590	1593	rBV3	9390	13705	1.04%	0.143%
30	12.985	1646	1650	1655	rVB3	27419	39563	3.01%	0.413%
31	13.249	1689	1695	1697	rBV5	14393	25267	1.92%	0.264%
32	13.355	1709	1713	1716	rBV5	10816	13775	1.05%	0.144%
33	13.402	1716	1721	1725	rVV3	23293	38476	2.93%	0.402%
34	13.520	1735	1741	1751	rVB	168582	265022	20.19%	2.768%
35	13.602	1751	1755	1761	rVB7	10927	17453	1.33%	0.182%
36	13.690	1764	1770	1775	rBV	63787	100637	7.67%	1.051%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.837	1789	1795	1800	rVB3	23225	39159	2.98%	0.409%
38	14.172	1846	1852	1855	rBV8	15817	32893	2.51%	0.344%
39	14.213	1855	1859	1863	rVV6	24078	42097	3.21%	0.440%
40	14.254	1863	1866	1872	rVV8	19883	40267	3.07%	0.421%
41	14.319	1872	1877	1878	rVV4	22674	31331	2.39%	0.327%
42	14.342	1878	1881	1885	rVV3	37610	52746	4.02%	0.551%
43	14.395	1885	1890	1895	rVV7	24292	45343	3.45%	0.474%
44	14.454	1895	1900	1905	rVB7	21307	37674	2.87%	0.393%
45	14.630	1924	1930	1933	rBV6	14177	29295	2.23%	0.306%
46	14.748	1946	1950	1957	rVB	76905	108888	8.30%	1.137%
47	14.894	1967	1975	1982	rVB	319763	538744	41.04%	5.627%
48	15.018	1993	1996	2002	rVB7	14953	28683	2.19%	0.300%
49	15.094	2004	2009	2012	rBV6	11838	19324	1.47%	0.202%
50	15.206	2022	2028	2031	rBV8	10553	20787	1.58%	0.217%
51	15.241	2031	2034	2038	rVV5	13673	19065	1.45%	0.199%
52	15.359	2049	2054	2057	rBV3	28456	45497	3.47%	0.475%
53	15.429	2064	2066	2071	rVB5	17686	23764	1.81%	0.248%
54	15.505	2074	2079	2084	rBV9	18374	45173	3.44%	0.472%
55	15.694	2106	2111	2116	rBV	89015	116838	8.90%	1.220%
56	15.805	2126	2130	2132	rBV5	10008	14613	1.11%	0.153%
57	16.099	2172	2180	2184	rBV5	40350	78076	5.95%	0.815%
58	16.193	2193	2196	2200	rBV6	14762	22467	1.71%	0.235%
59	16.316	2214	2217	2221	rVB5	20598	27331	2.08%	0.285%
60	16.381	2223	2228	2233	rBV	91195	151171	11.52%	1.579%
61	16.551	2253	2257	2269	rBV	92160	190085	14.48%	1.985%
62	17.057	2341	2343	2350	rVB8	14379	22888	1.74%	0.239%
63	17.121	2352	2354	2358	rBV5	10614	16383	1.25%	0.171%
64	17.345	2388	2392	2396	rVB	84075	101862	7.76%	1.064%
65	17.397	2397	2401	2404	rVB3	38482	49749	3.79%	0.520%
66	17.638	2435	2442	2446	rBV	423776	642598	48.95%	6.712%
67	17.679	2447	2449	2453	rVB	44633	48822	3.72%	0.510%
68	17.773	2462	2465	2469	rBV6	12544	14770	1.13%	0.154%
69	17.815	2469	2472	2474	rBV4	15568	17808	1.36%	0.186%
70	18.079	2513	2517	2522	rBV	82499	107387	8.18%	1.122%
71	18.132	2523	2526	2531	rVB7	29448	34846	2.65%	0.364%
72	18.255	2543	2547	2554	rVB	393126	483493	36.83%	5.050%
73	18.484	2582	2586	2595	rVB3	77686	154996	11.81%	1.619%
74	18.766	2630	2634	2639	rVB	76913	94048	7.16%	0.982%
75	19.383	2734	2739	2741	rBV2	686766	805692	61.38%	8.415%
76	19.413	2741	2744	2755	rVB	1063303	1312690	100.00%	13.711%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.542	2762	2766	2771	rBV	204228	258244	19.67%	2.697%
78	19.601	2773	2776	2778	rVV3	74263	98669	7.52%	1.031%
79	19.624	2778	2780	2784	rVB	115241	128996	9.83%	1.347%
80	19.953	2834	2836	2840	rVB	67141	70087	5.34%	0.732%
81	20.212	2876	2880	2884	rVB	287202	358499	27.31%	3.744%
82	20.482	2923	2926	2938	rBV5	79518	193465	14.74%	2.021%
83	21.927	3168	3172	3178	rVB2	376288	645260	49.16%	6.740%

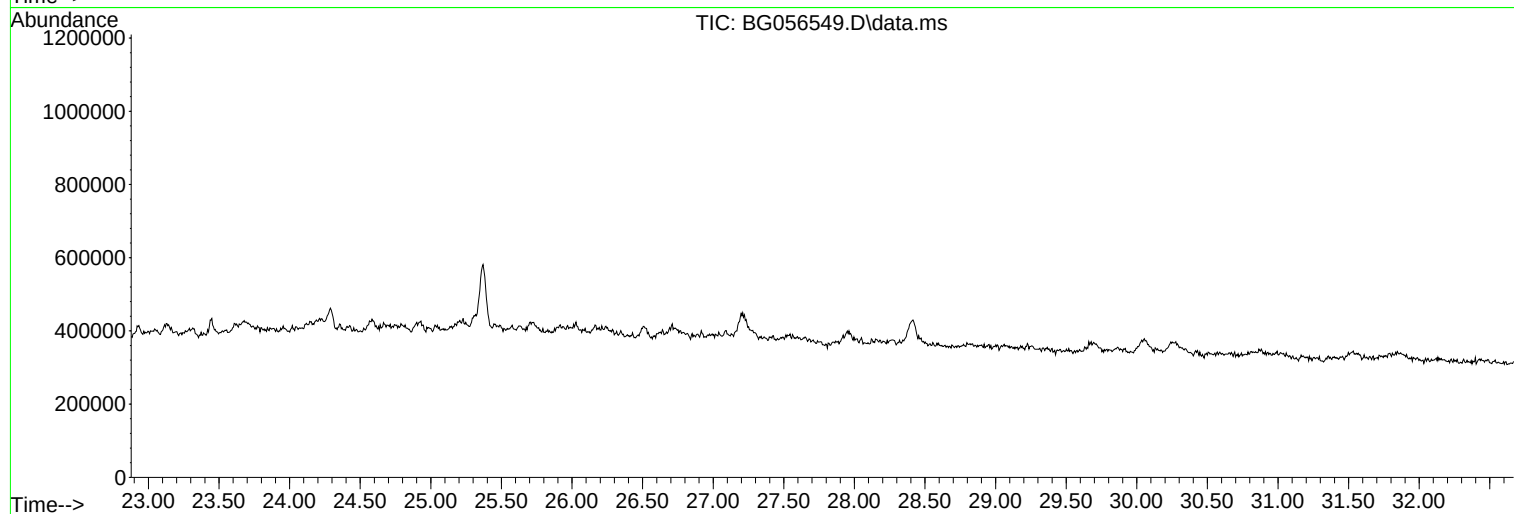
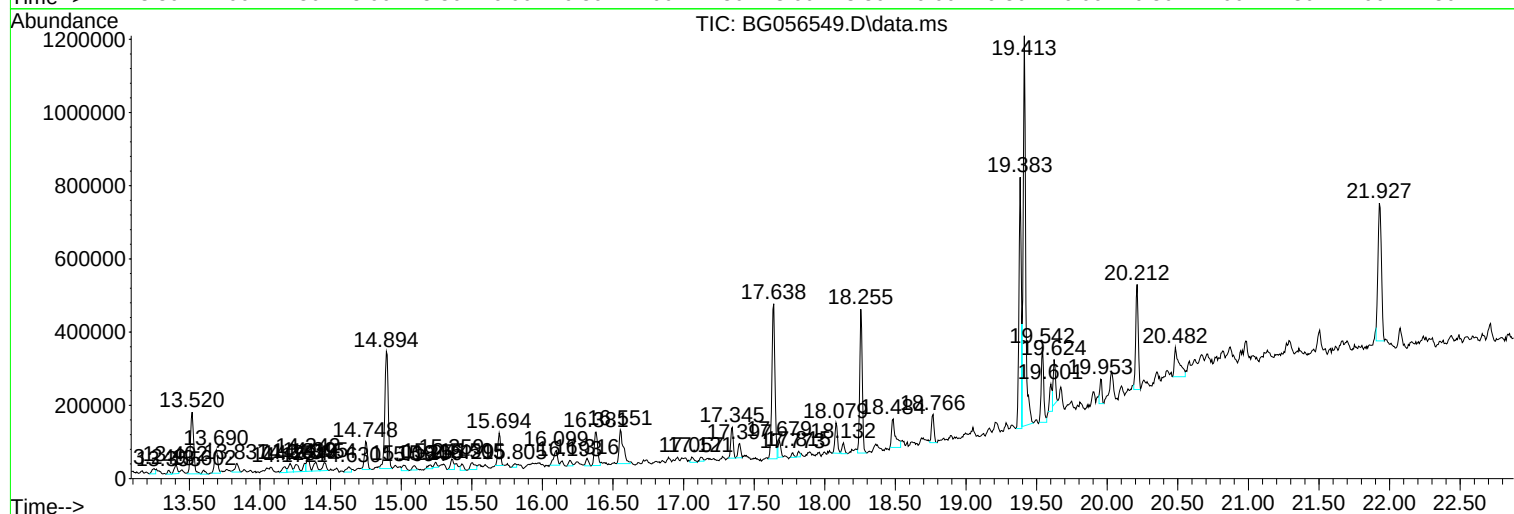
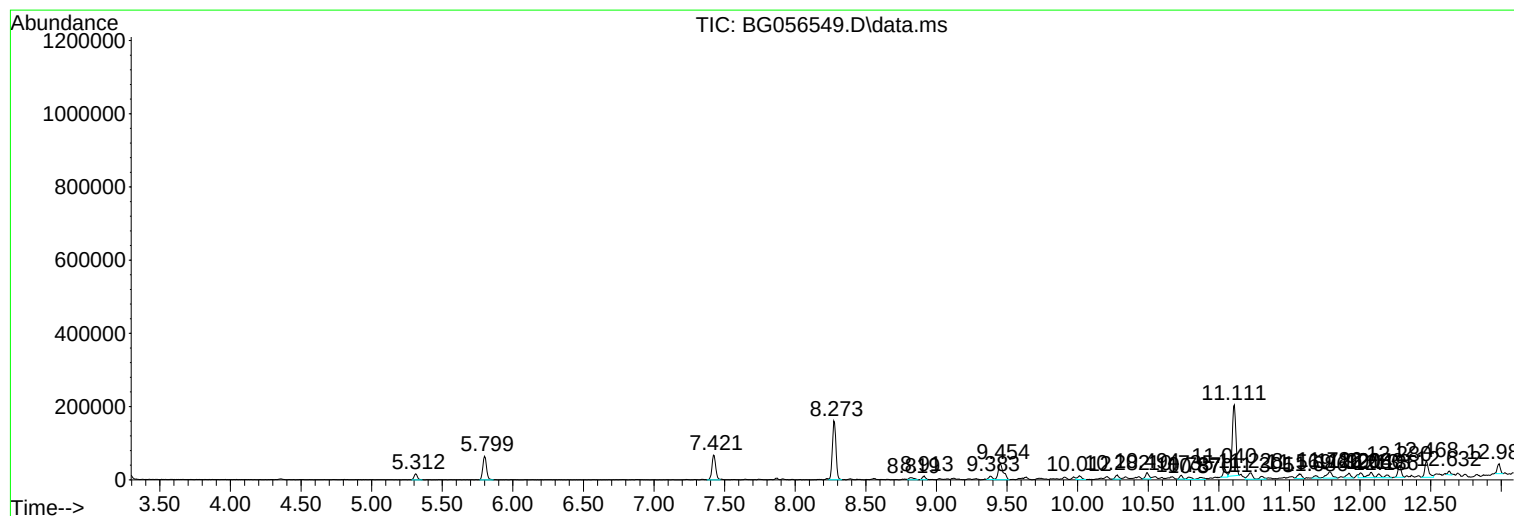
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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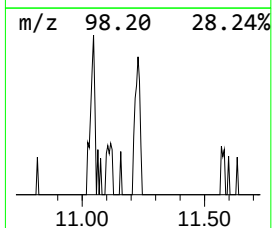
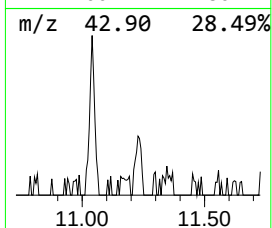
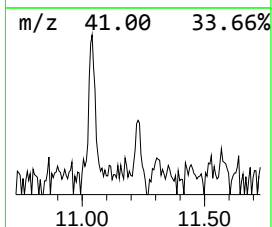
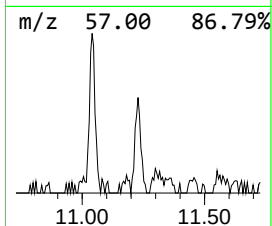
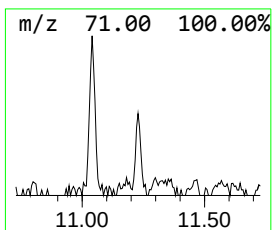
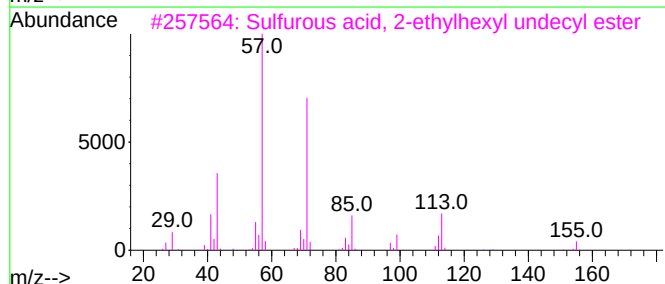
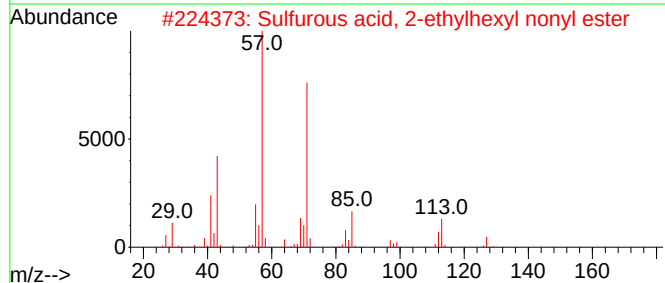
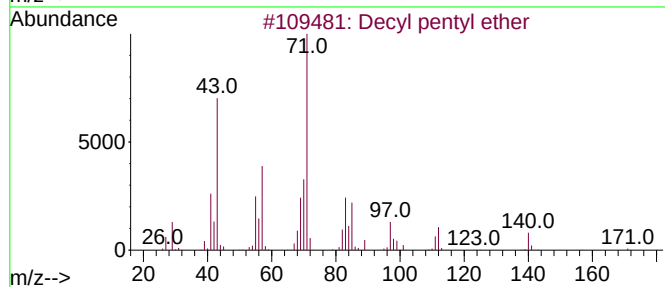
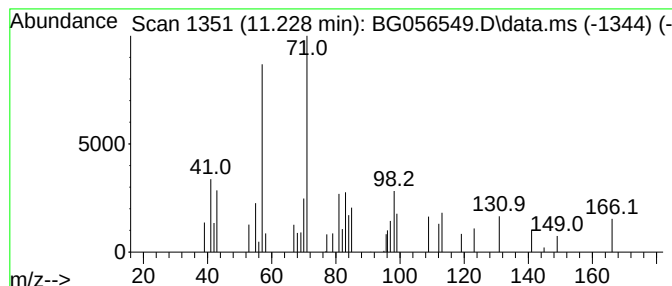
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown11.228 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.228	2.23 ng	39445	Naphthalene-d8	11.111

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decyl pentyl ether	228	C15H32O	1000406-41-5	47
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	40
3			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	38
4			Succinic acid, cyclohexylmethyl ...	298	C16H26O5	1000390-72-0	38
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38



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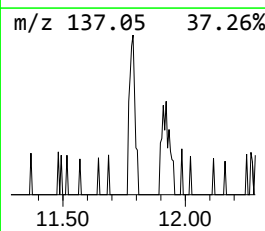
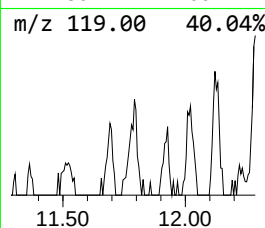
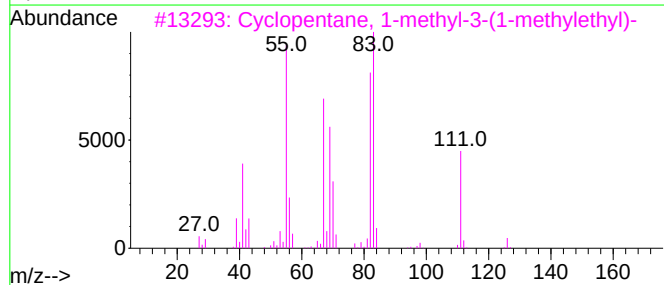
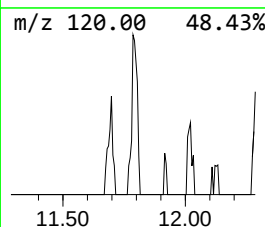
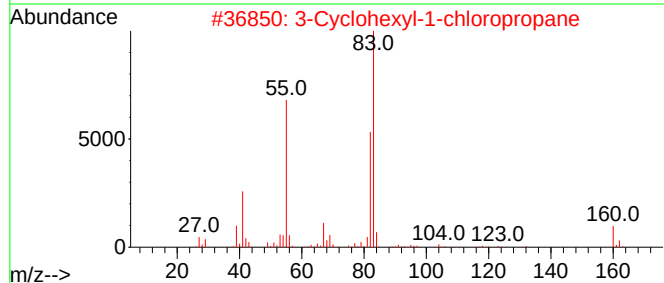
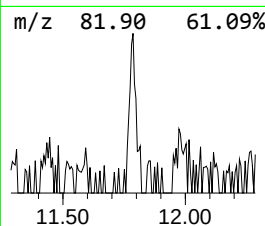
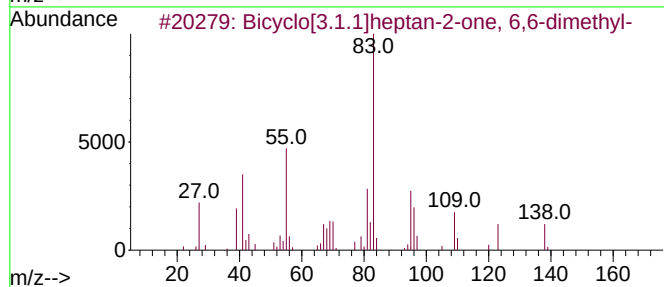
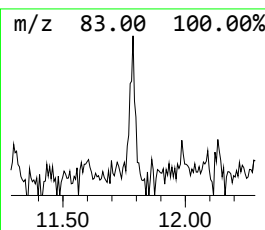
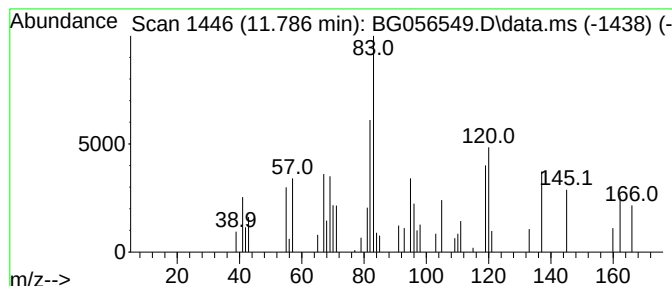
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown11.786 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	2.67 ng	47386	Naphthalene-d8	11.111

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	27
2			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	22
3			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	22
4			Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	22
5			Cyclohexanone, 2,2,5,5-tetrameth...	166	C11H18O	035505-97-6	18



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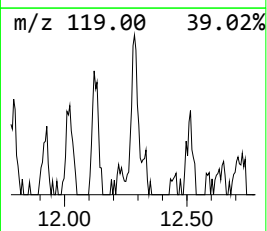
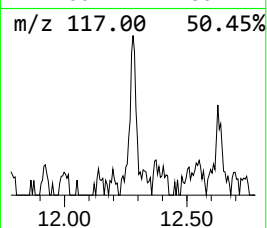
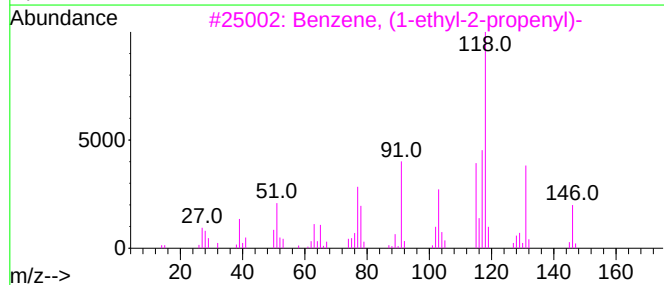
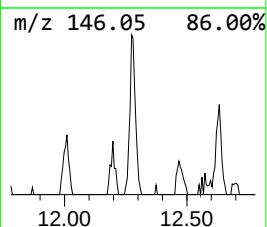
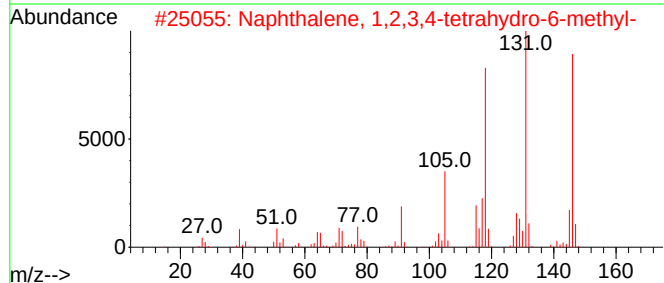
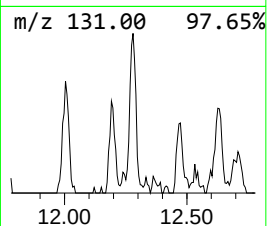
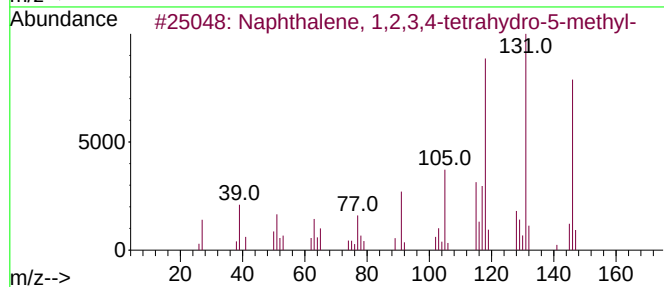
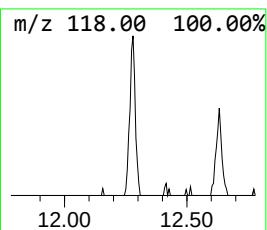
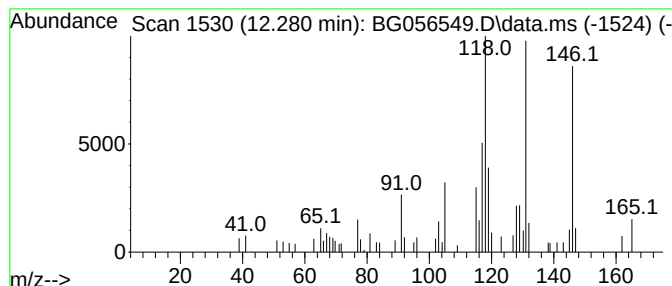
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	3.06 ng	54272	Naphthalene-d8	11.111

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	76
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50



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OK-1-212023

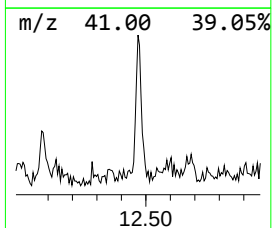
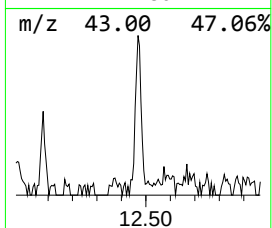
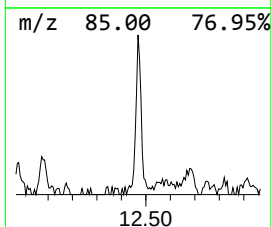
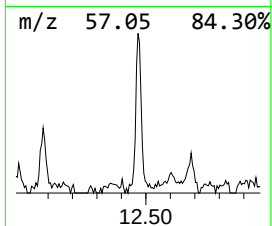
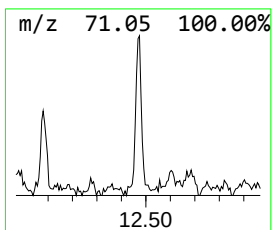
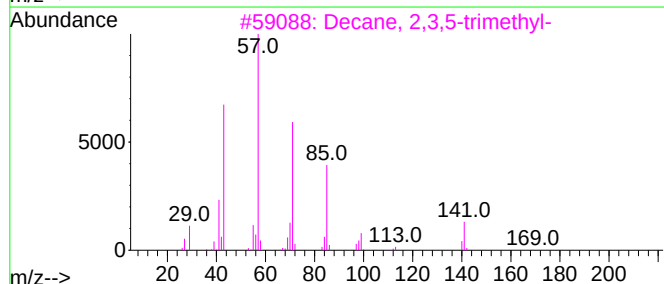
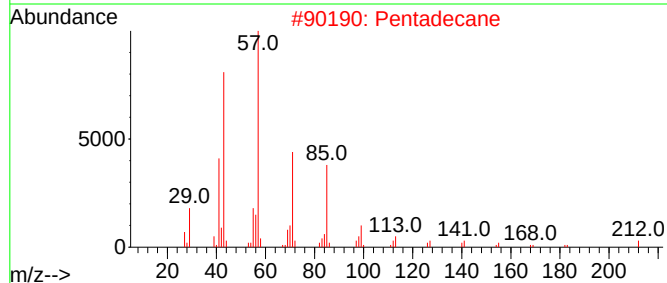
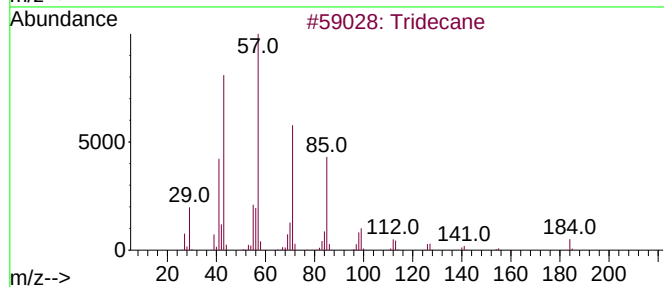
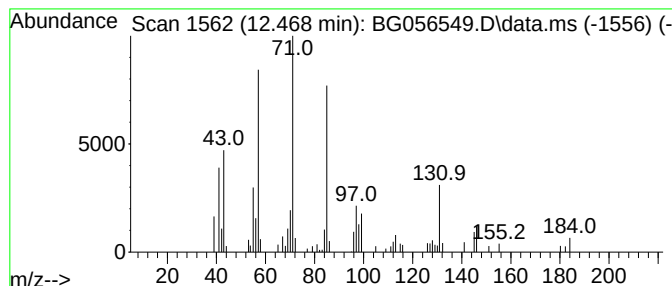
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	4.77 ng	84592	Naphthalene-d8	11.111

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	70
2			Pentadecane	212	C15H32	000629-62-9	58
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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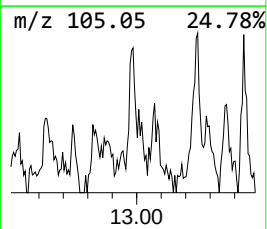
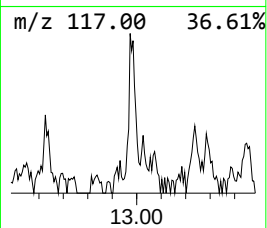
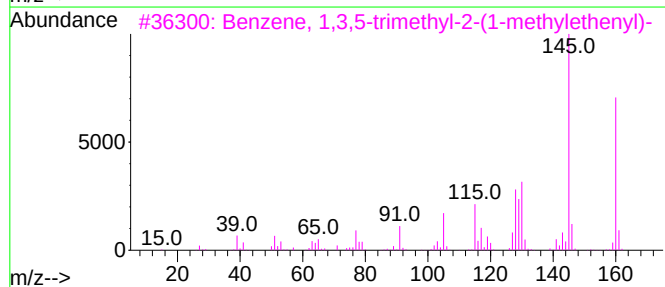
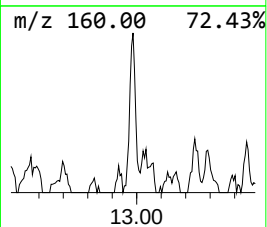
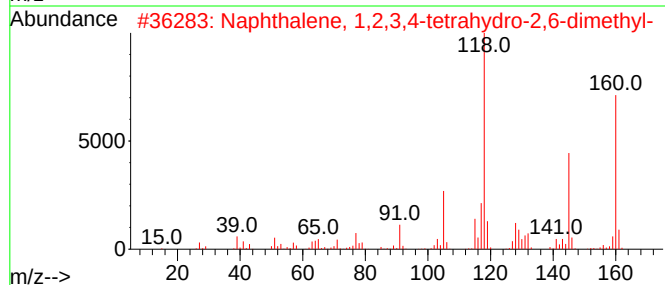
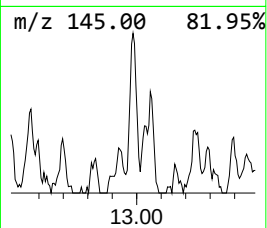
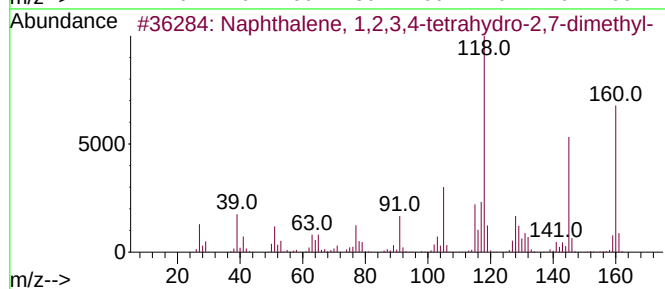
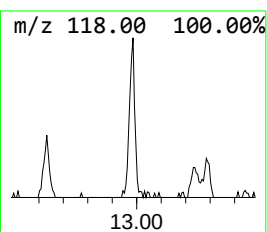
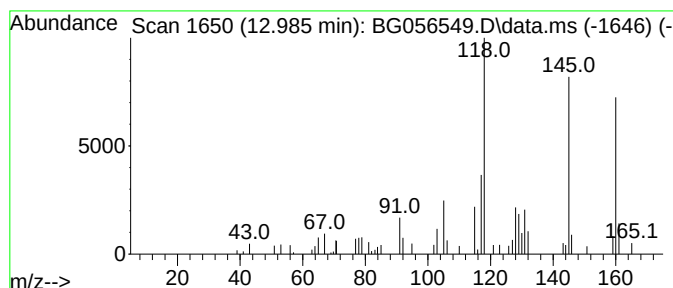
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.985	2.23 ng	39563	Naphthalene-d8	11.111

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	83
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
4			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
5			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-1-212023

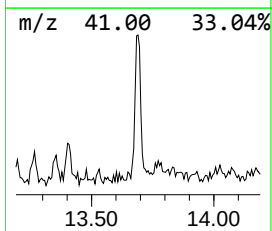
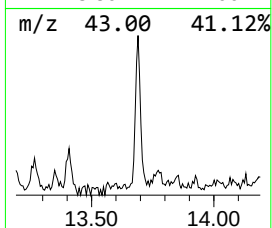
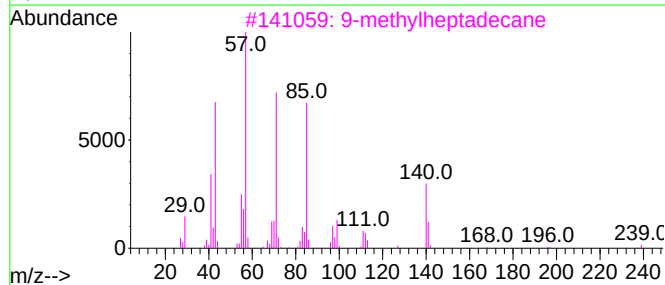
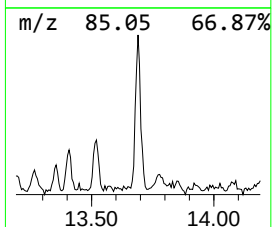
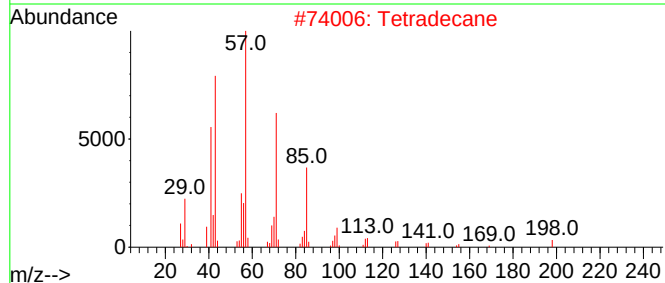
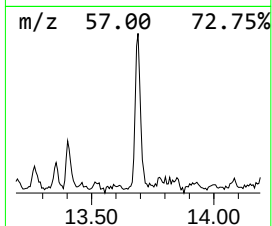
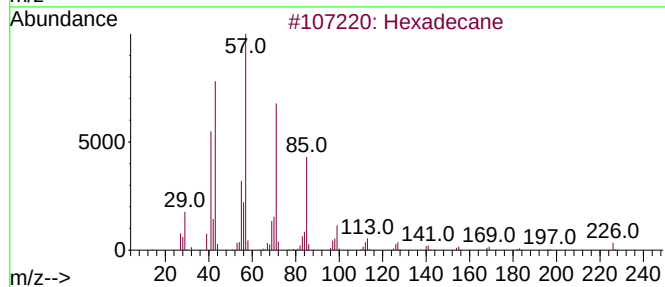
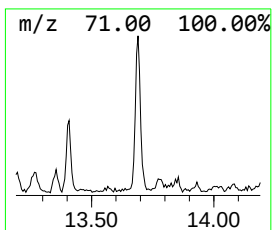
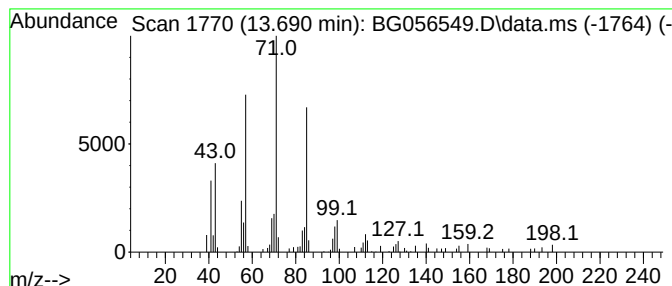
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	3.74 ng	100637	Acenaphthene-d10	14.894

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Tetradecane	198	C14H30	000629-59-4	72
3			9-methylheptadecane	254	C18H38	026741-18-4	72
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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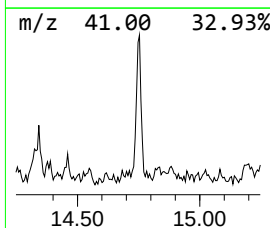
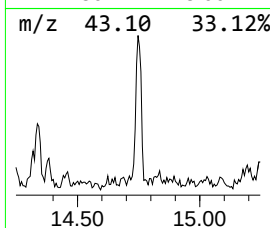
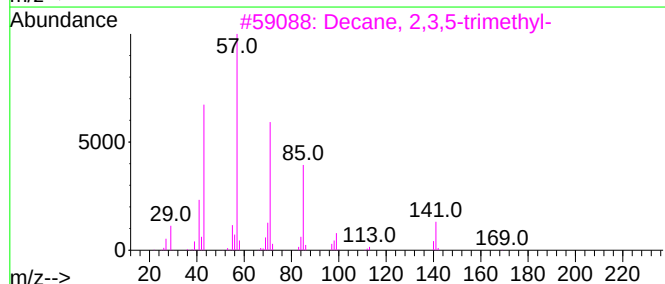
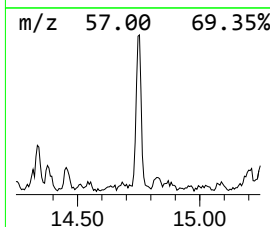
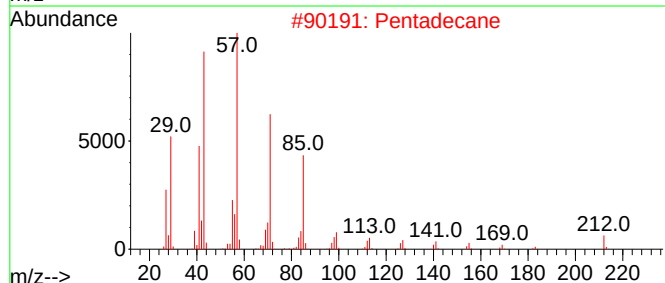
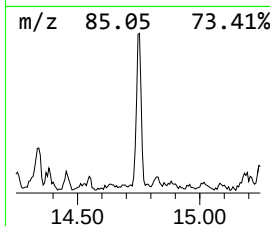
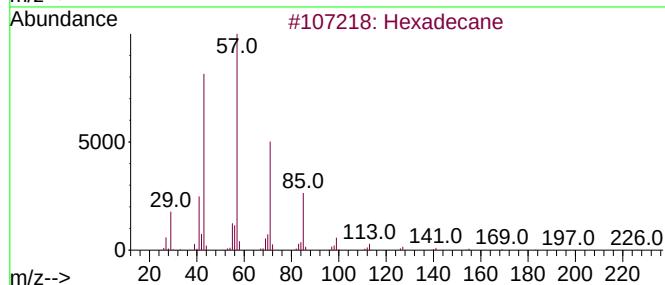
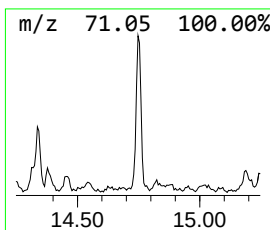
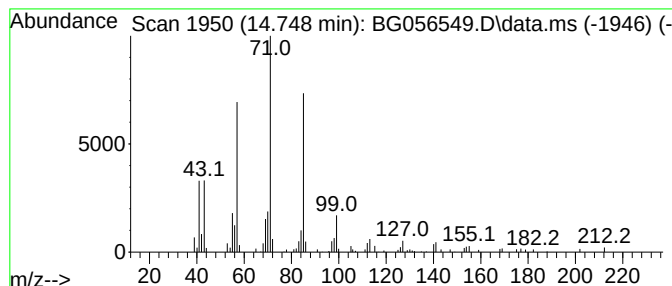
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.748	4.04 ng	108888	Acenaphthene-d10	14.894

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	78
2			Pentadecane	212	C15H32	000629-62-9	53
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
4			Tetradecane	198	C14H30	000629-59-4	47
5			Thiazole, 4-ethyl-2,5-dimethyl-	141	C7H11NS	032272-57-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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Sample : 01401-01 5X
Misc :
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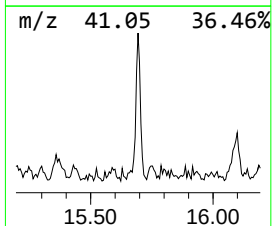
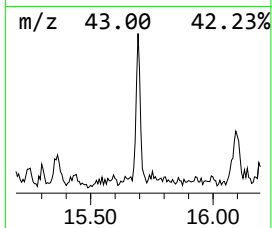
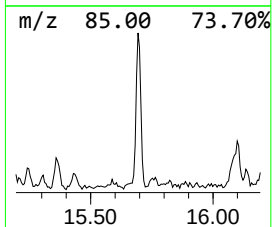
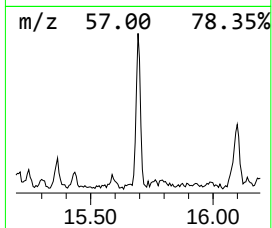
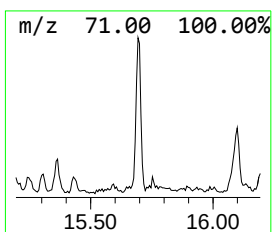
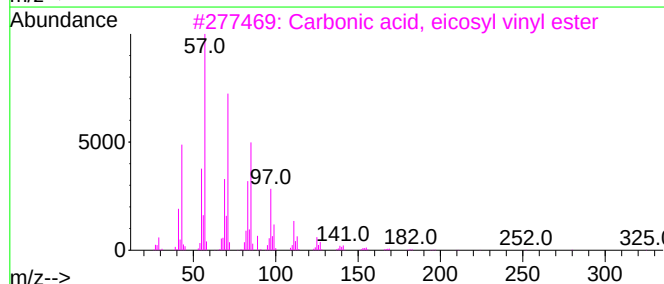
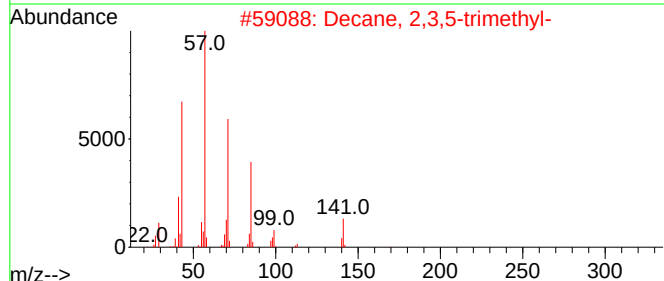
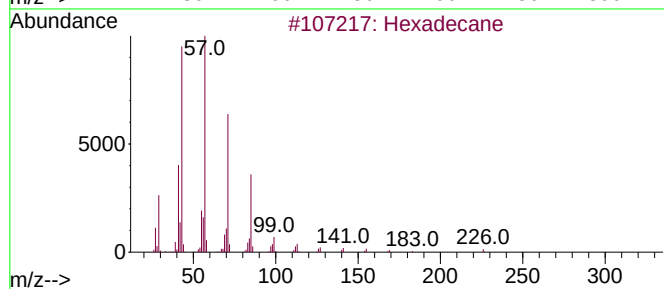
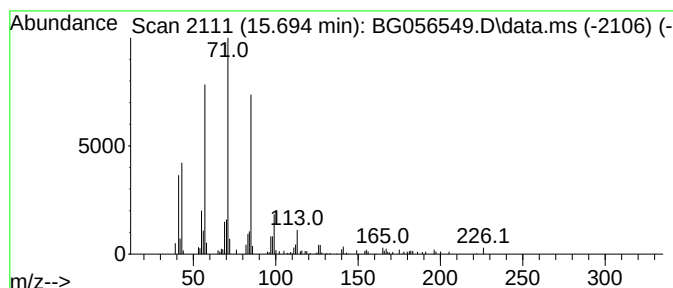
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.694	4.34 ng	116838	Acenaphthene-d10		14.894	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	86
3	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	72
4	Pentadecane, 4-methyl-		226	C16H34	002801-87-8	62
5	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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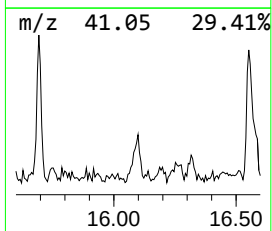
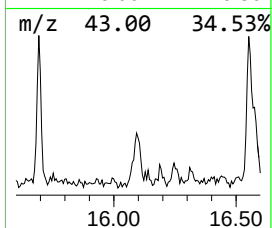
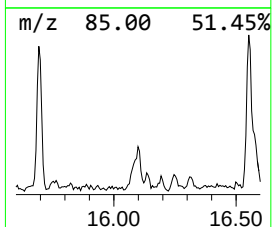
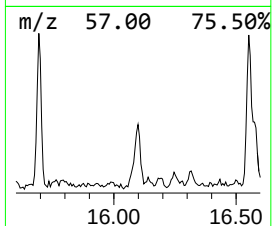
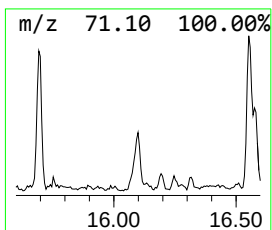
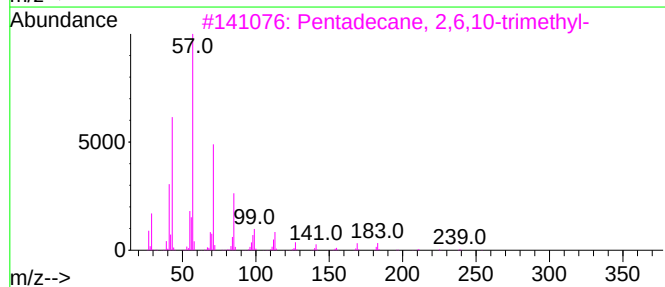
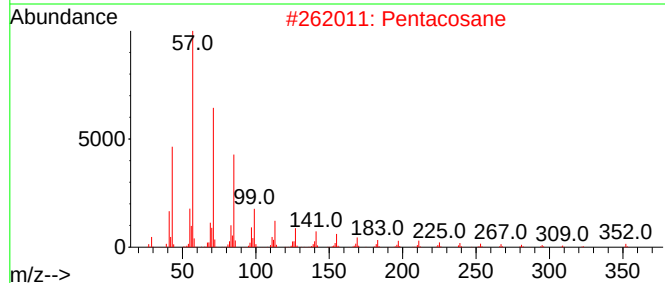
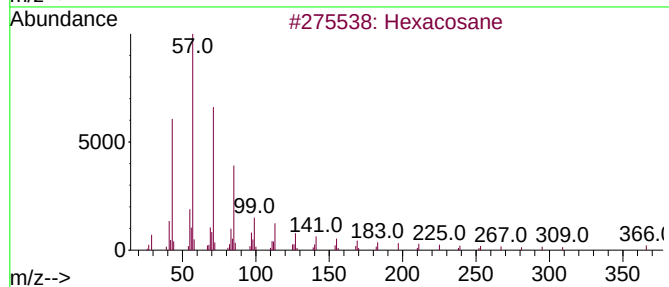
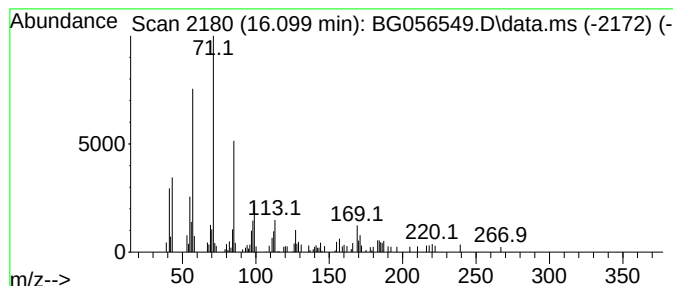
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.099	2.90 ng	78076	Acenaphthene-d10	14.894

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	80
2			Pentacosane	352	C25H52	000629-99-2	80
3			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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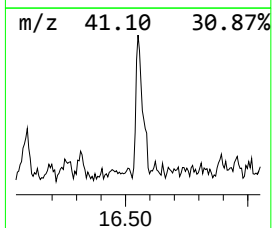
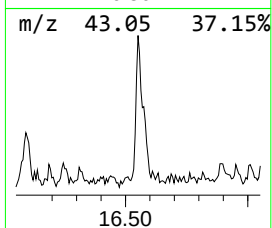
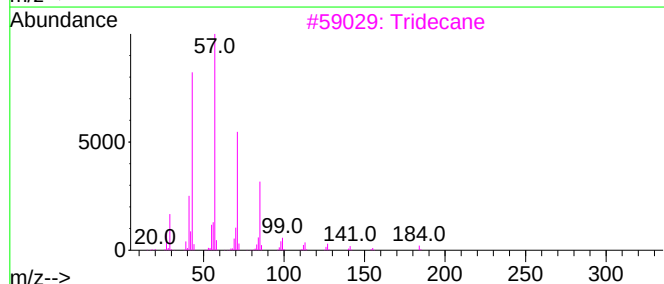
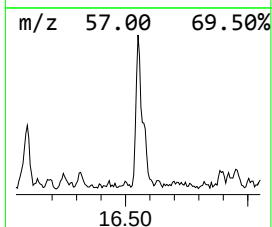
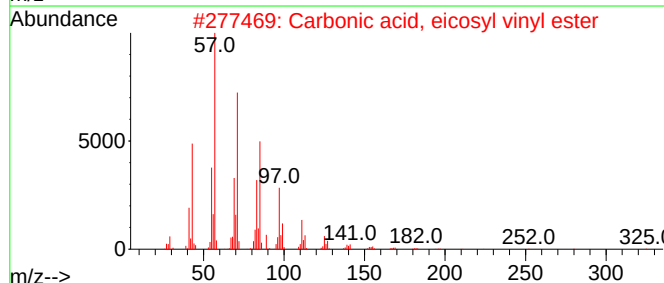
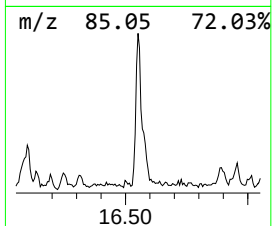
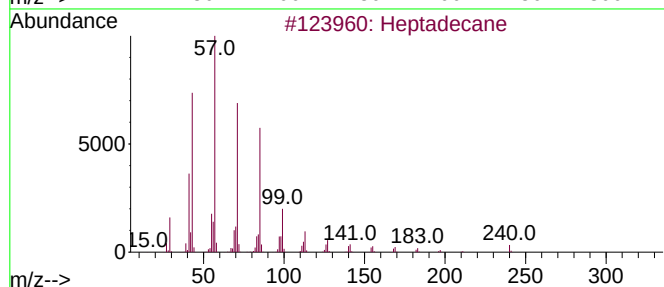
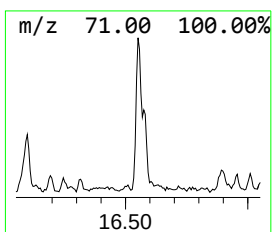
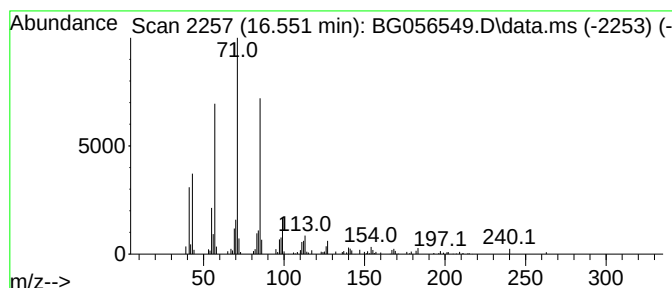
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	5.92 ng	190085	Phenanthrene-d10	17.638

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
3		Tridecane	184	C13H28	000629-50-5	83
4		Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	83
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
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Operator : CG/JU
Sample : 01401-01 5X
Misc :
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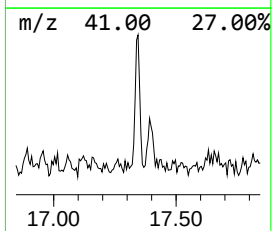
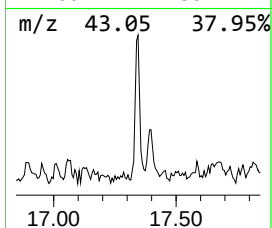
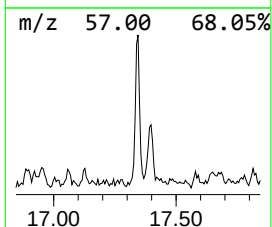
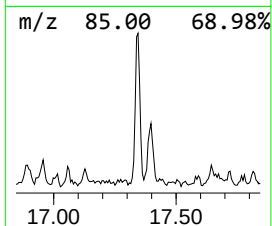
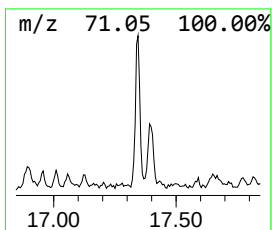
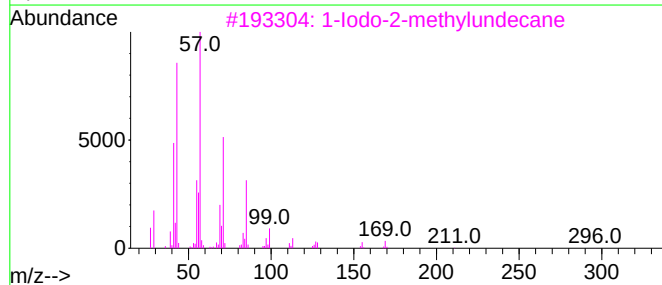
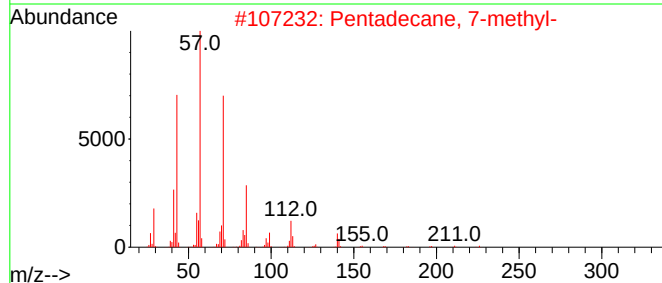
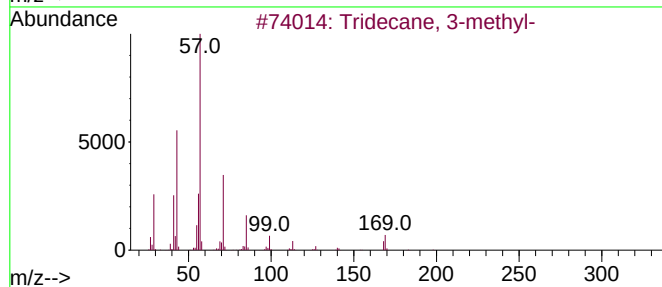
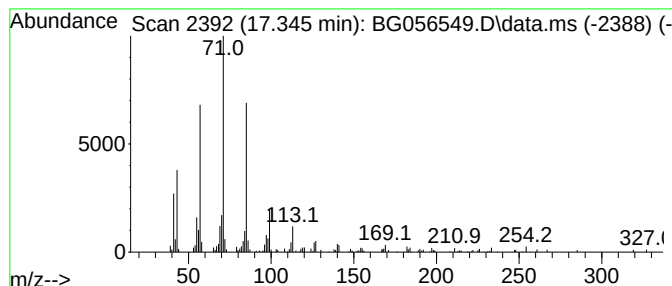
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ClientSampleId :
OK-1-212023

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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 Tridecane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.345	3.17 ng	101862	Phenanthrene-d10		17.638	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-		198	C14H30	006418-41-3	87
2	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	80
3	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	78
4	Heptadecane		240	C17H36	000629-78-7	78
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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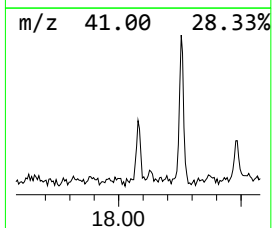
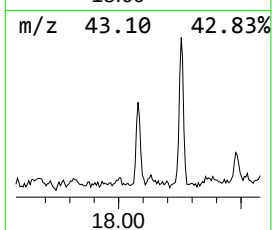
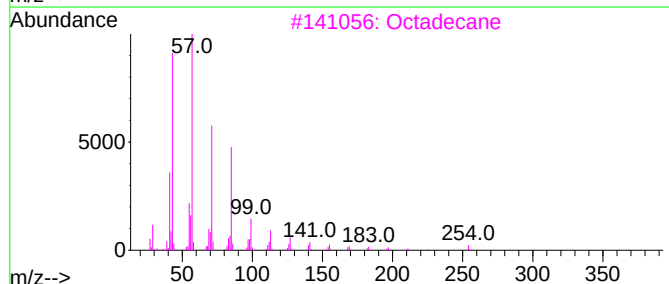
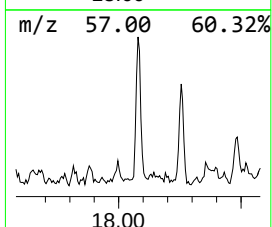
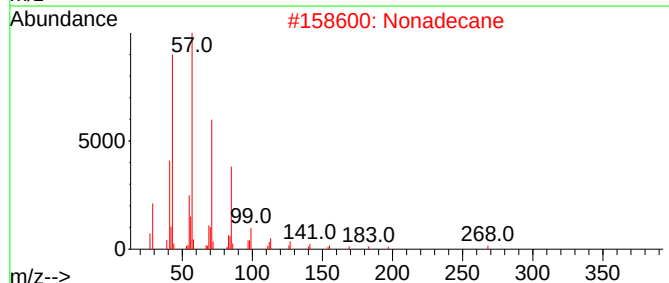
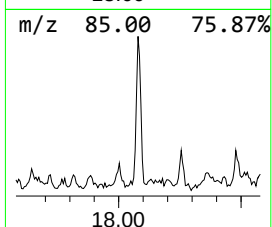
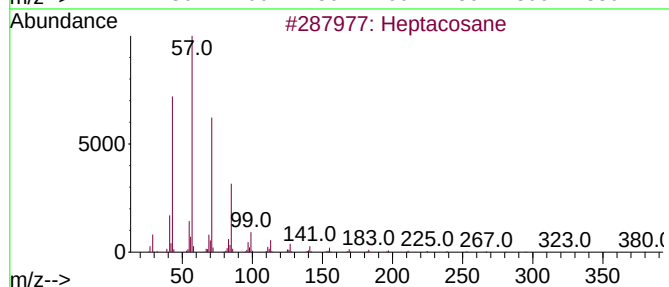
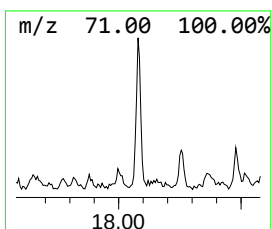
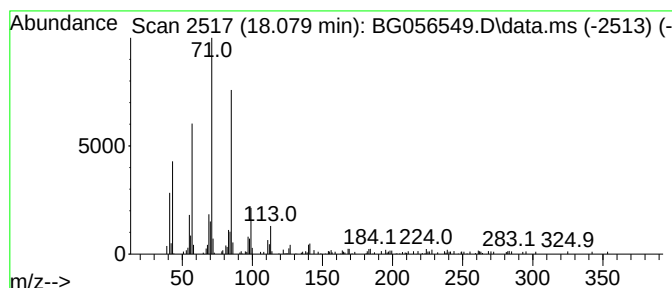
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.079	3.34 ng	107387	Phenanthrene-d10	17.638

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

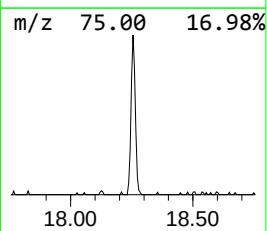
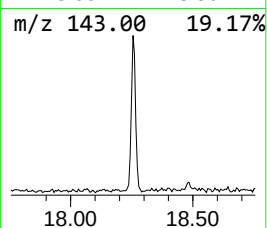
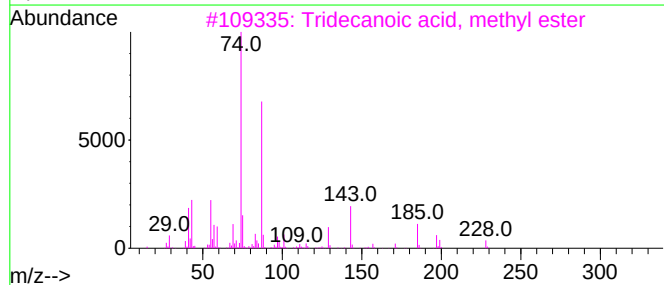
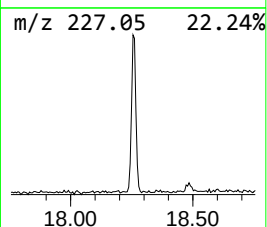
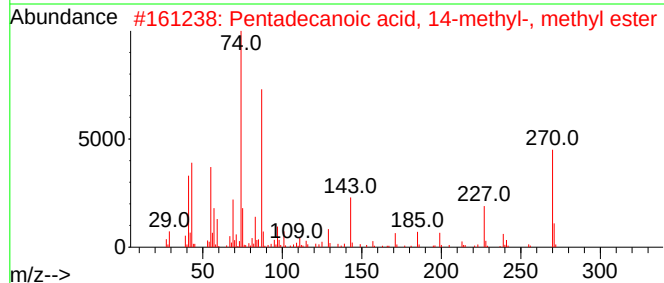
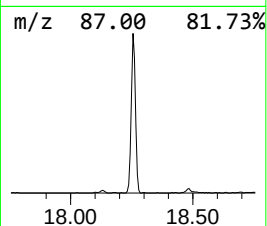
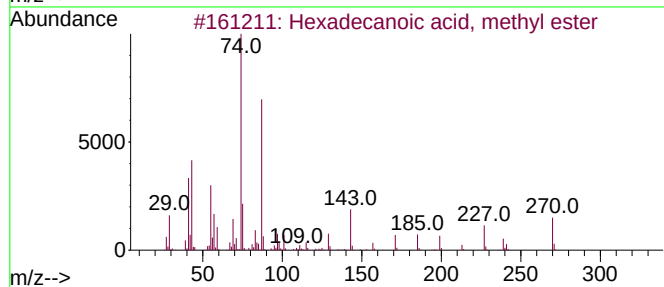
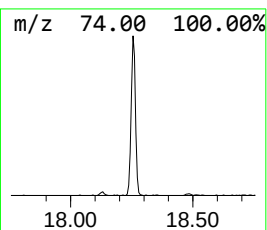
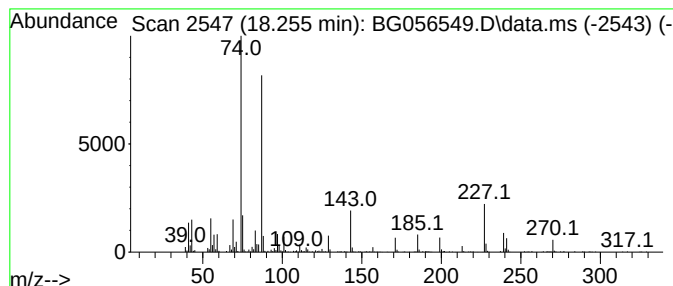
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.255	15.05 ng	483493	Phenanthrene-d10	17.638	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Methyl stearate	298	C19H38O2	000112-61-8	72
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

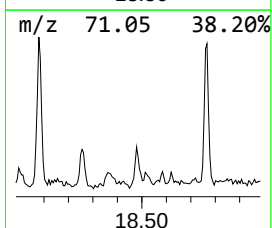
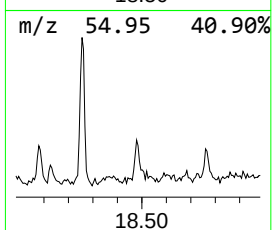
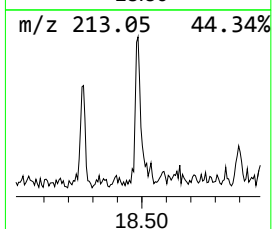
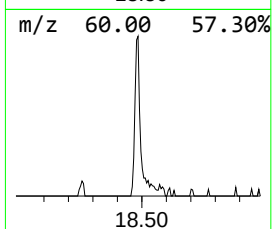
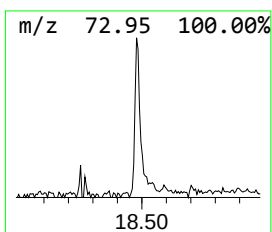
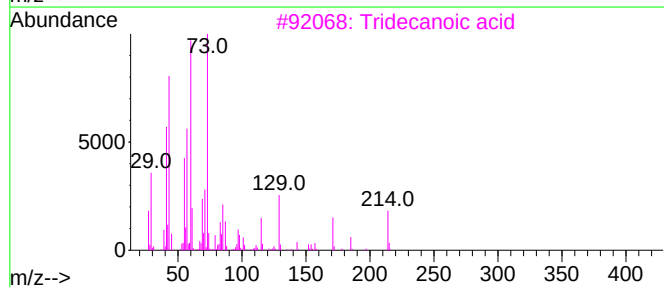
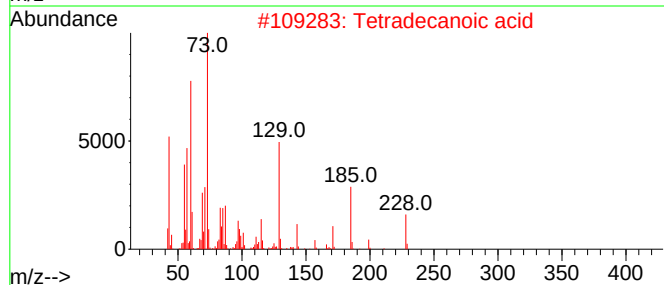
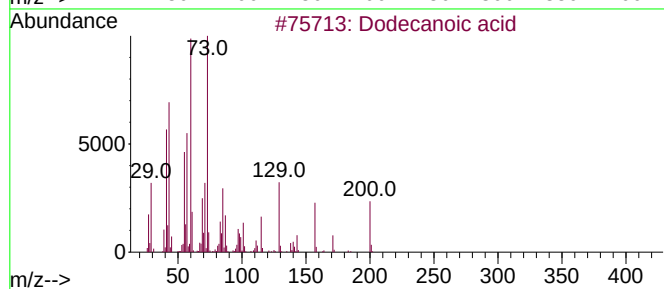
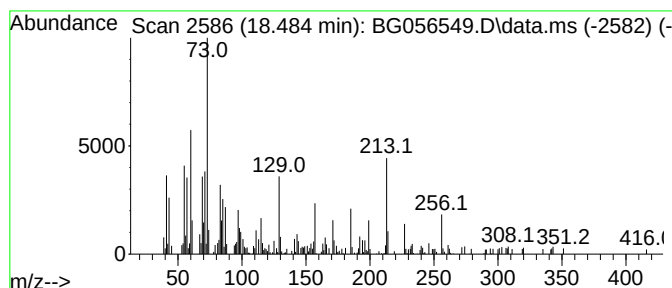
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.484	4.82 ng	154996	Phenanthrene-d10		17.638	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecanoic acid		200	C12H24O2	000143-07-7	64
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	60
3	Tridecanoic acid		214	C13H26O2	000638-53-9	55
4	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	53
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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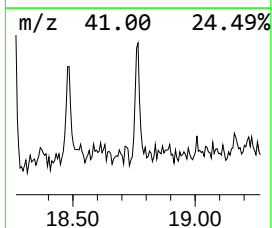
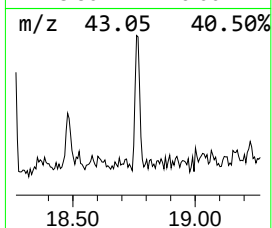
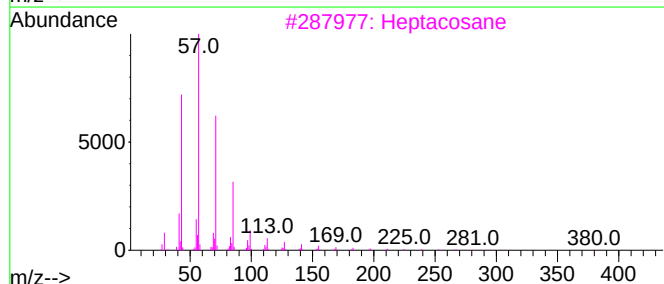
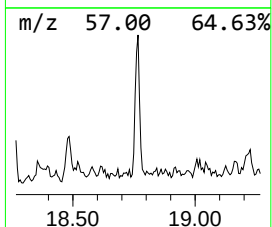
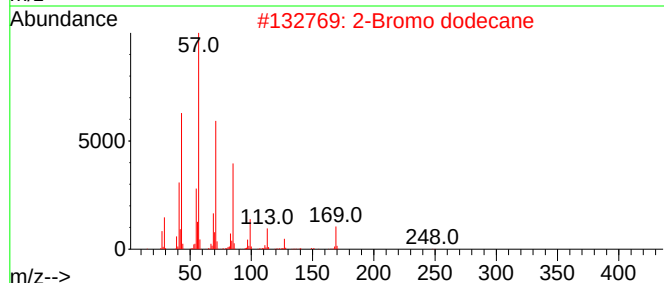
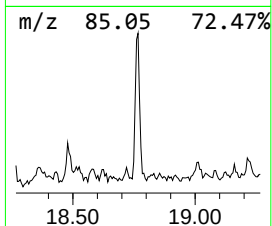
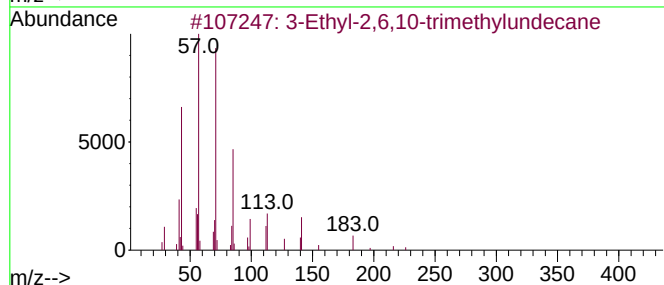
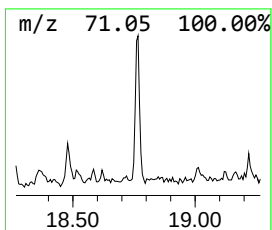
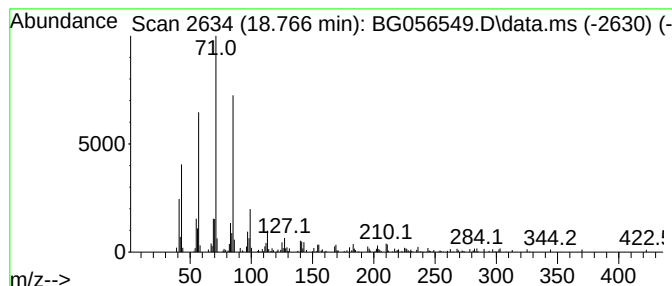
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 3-Ethyl-2,6,10-trimethylund... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.766	2.93 ng	94048	Phenanthrene-d10	17.638

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Nonadecane	268	C19H40	000629-92-5	86
5		Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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Sample : 01401-01 5X
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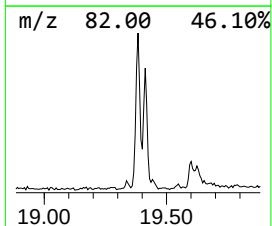
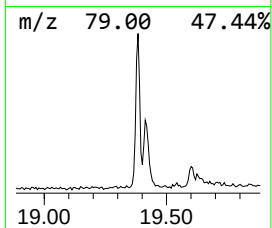
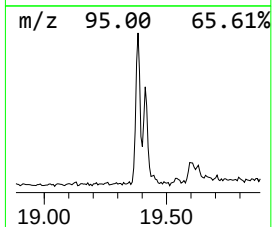
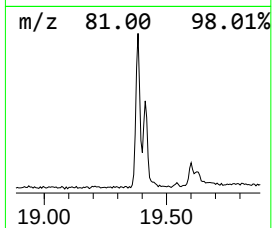
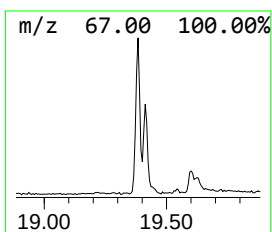
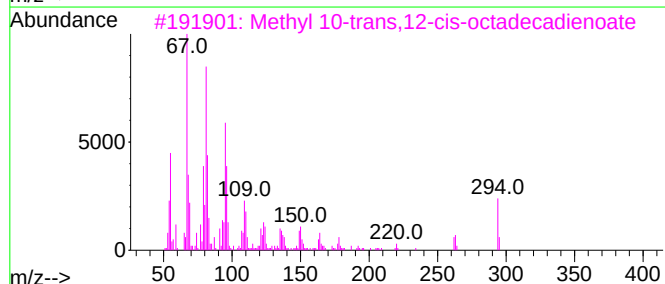
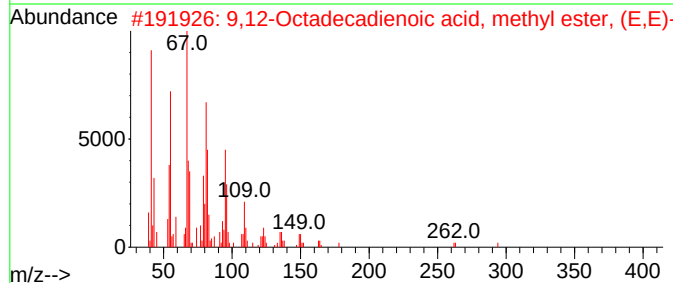
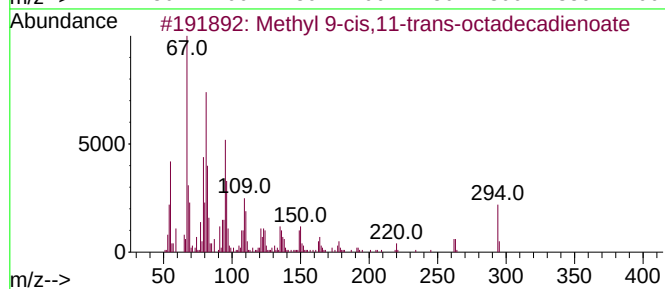
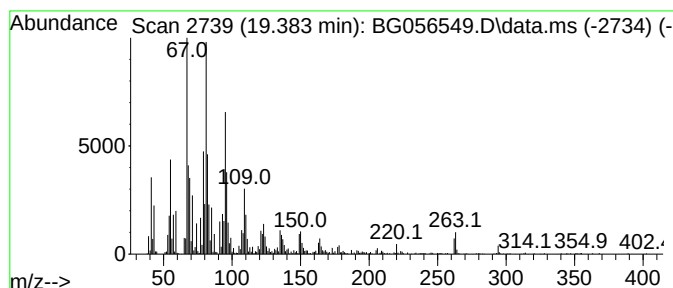
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Methyl 9-cis,11-trans-octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.383	25.08 ng	805692	Phenanthrene-d10	17.638	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	96
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	94
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	94
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	93
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
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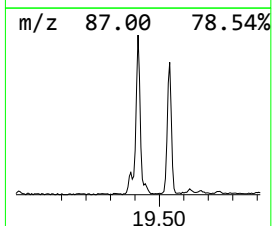
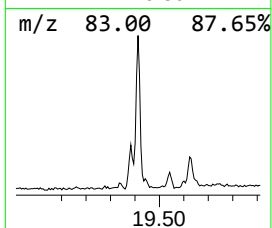
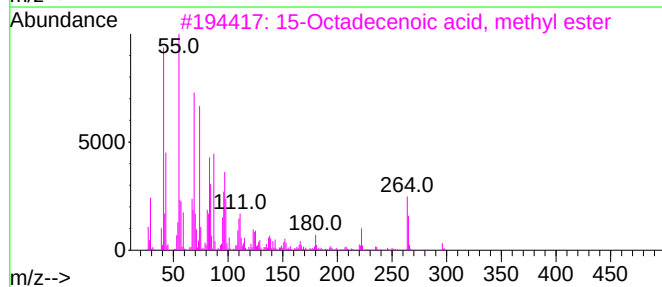
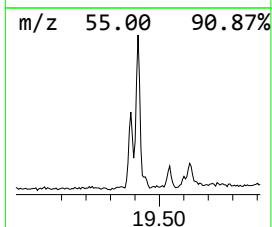
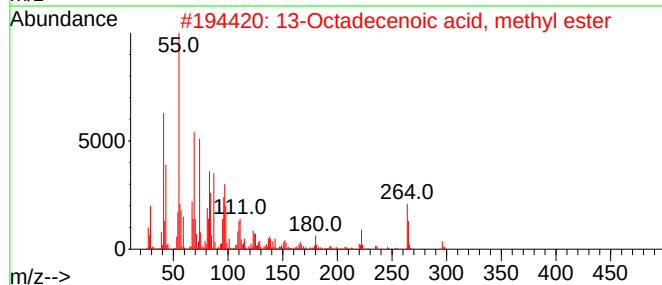
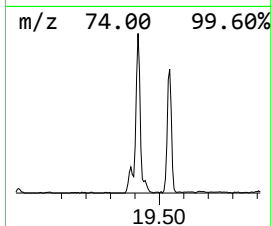
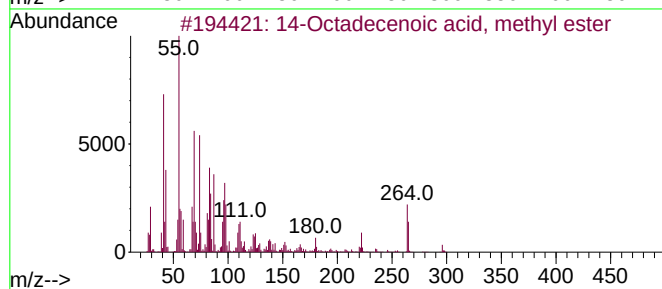
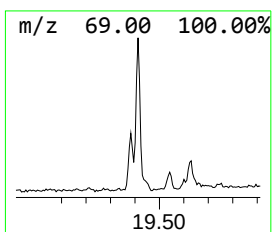
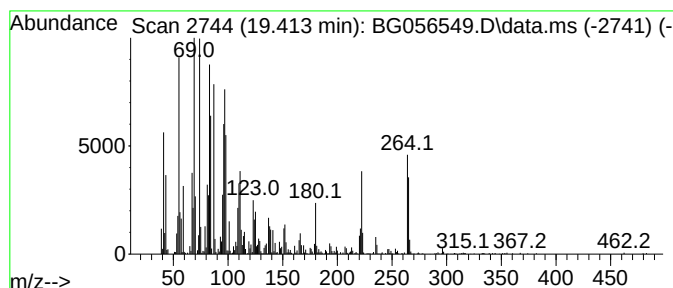
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 14-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.413	40.86 ng	1312690	Phenanthrene-d10	17.638

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-1-212023

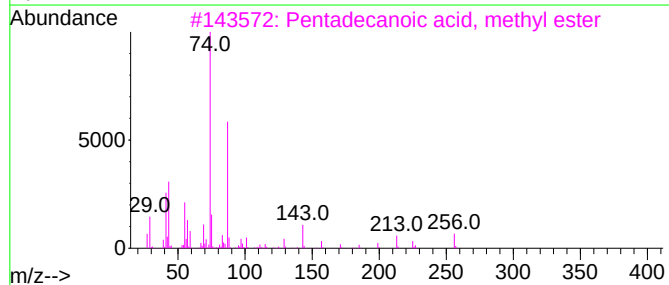
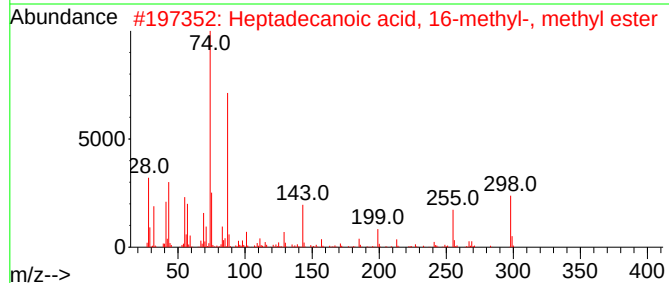
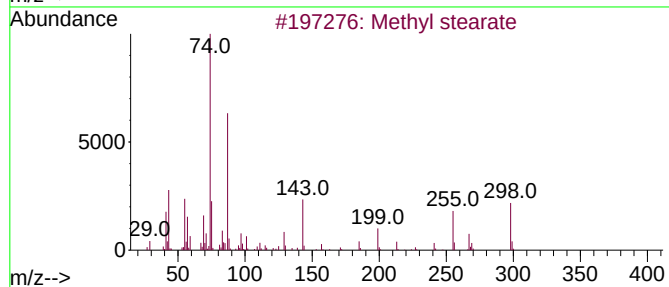
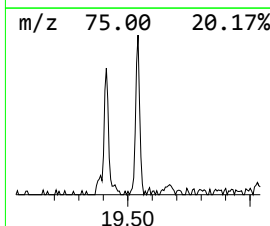
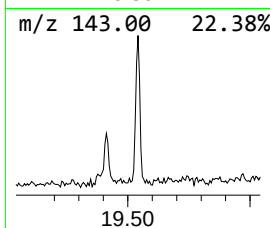
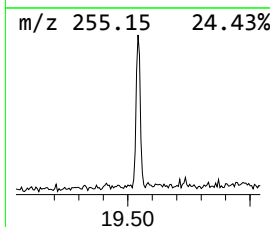
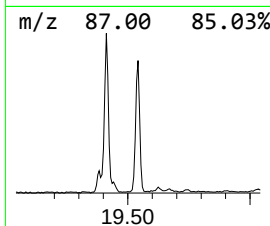
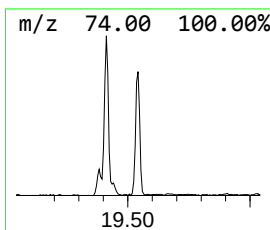
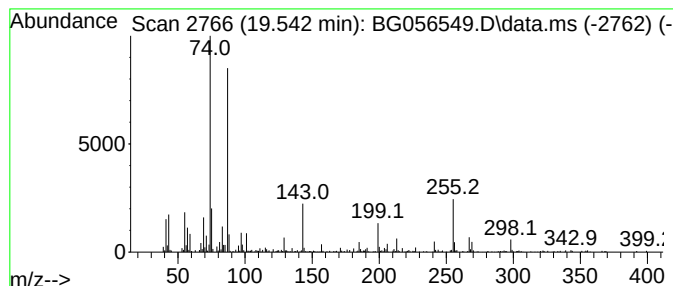
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.542	8.04 ng	258244	Phenanthrene-d10	17.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	95
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
4			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	74
5			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

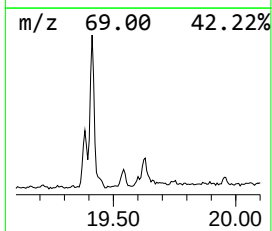
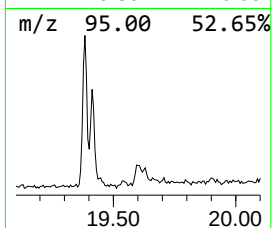
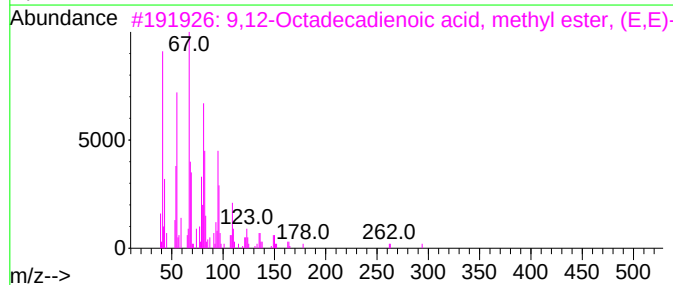
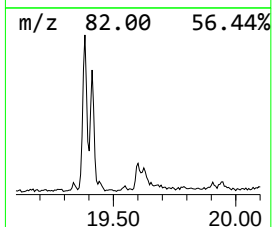
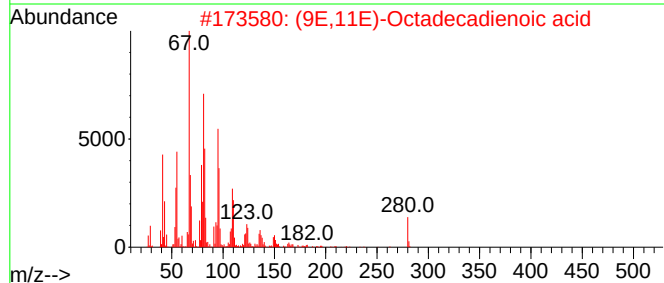
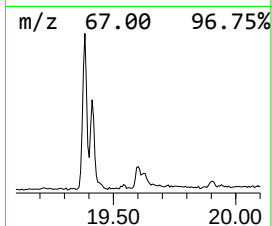
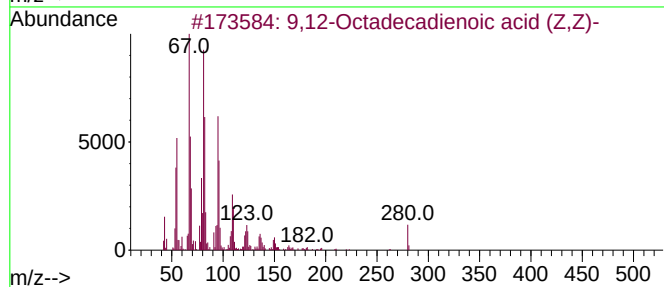
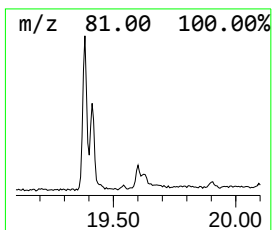
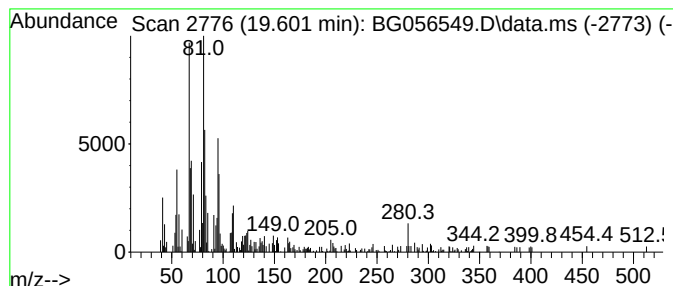
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ClientSampleId :
OK-1-212023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.601	3.07 ng	98669	Phenanthrene-d10	17.638	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
2	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	93
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	92
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	91
5	Linoelaidic acid	280	C18H32O2	000506-21-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-1-212023

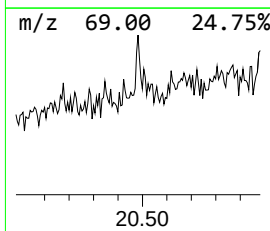
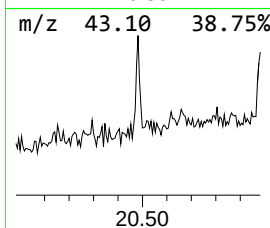
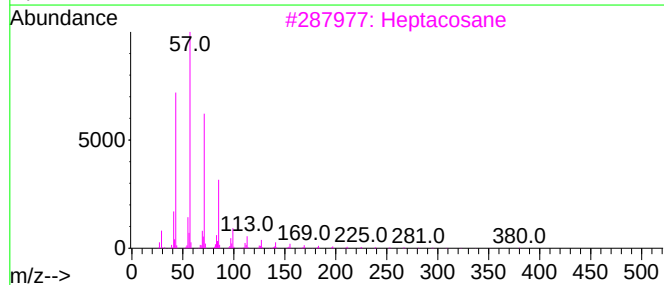
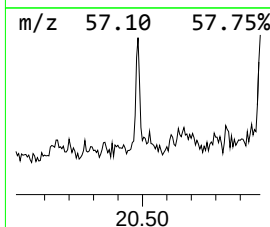
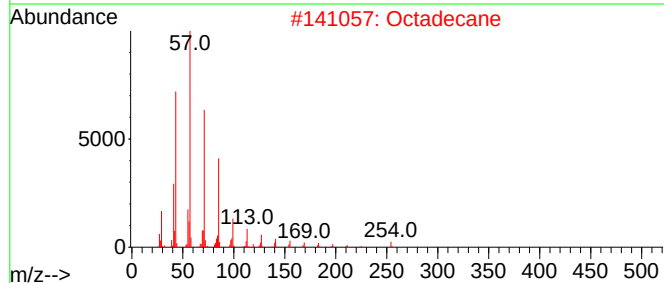
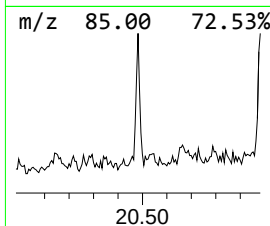
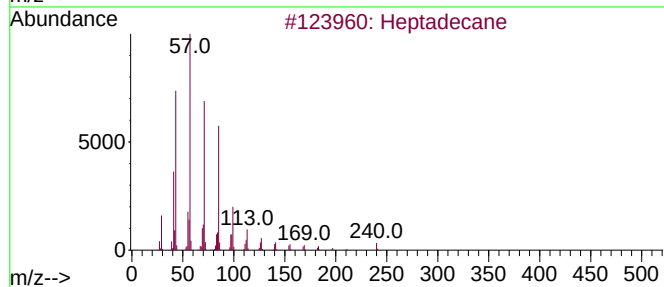
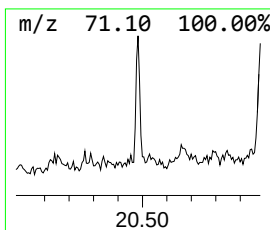
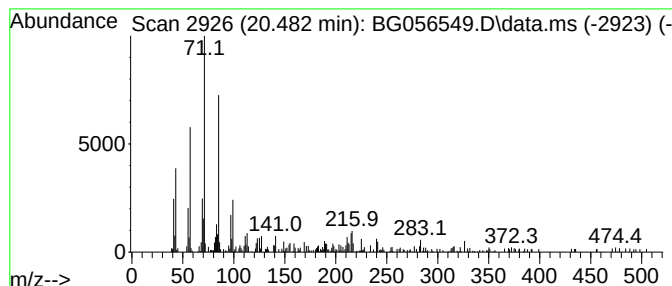
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.482	6.00 ng	193465	Chrysene-d12	21.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	87
2		Octadecane	254	C18H38	000593-45-3	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Pentadecane	212	C15H32	000629-62-9	76
5		Eicosane	282	C20H42	000112-95-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
Acq On : 3 Feb 2023 21:58
Operator : CG/JU
Sample : 01401-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-1-212023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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
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unknown11.786	11.786	2.7	ng	47386	2	11.111	354373	20.0
Naphthalene, 1,...	12.280	3.1	ng	54272	2	11.111	354373	20.0
Tridecane	12.468	4.8	ng	84592	2	11.111	354373	20.0
Naphthalene, 1,...	12.985	2.2	ng	39563	2	11.111	354373	20.0
Hexadecane	13.690	3.7	ng	100637	3	14.894	538744	20.0
Pentadecane	14.748	4.0	ng	108888	3	14.894	538744	20.0
Decane, 2,3,5-t...	15.694	4.3	ng	116838	3	14.894	538744	20.0
Hexacosane	16.099	2.9	ng	78076	3	14.894	538744	20.0
Heptadecane	16.551	5.9	ng	190085	4	17.638	642598	20.0
Tridecane, 3-me...	17.345	3.2	ng	101862	4	17.638	642598	20.0
Heptacosane	18.079	3.3	ng	107387	4	17.638	642598	20.0
Hexadecanoic ac...	18.255	15.1	ng	483493	4	17.638	642598	20.0
Dodecanoic acid	18.484	4.8	ng	154996	4	17.638	642598	20.0
3-Ethyl-2,6,10-...	18.766	2.9	ng	94048	4	17.638	642598	20.0
Methyl 9-cis,11...	19.383	25.1	ng	805692	4	17.638	642598	20.0
14-Octadecenoic...	19.413	40.9	ng	1312690	4	17.638	642598	20.0
Methyl stearate	19.542	8.0	ng	258244	4	17.638	642598	20.0
9,12-Octadecadi...	19.601	3.1	ng	98669	4	17.638	642598	20.0
Octadecane	20.482	6.0	ng	193465	5	21.927	645260	20.0