

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056547.D
 Acq On : 3 Feb 2023 20:37
 Operator : CG/JU
 Sample : 01413-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-5-020223

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: BG056547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.309	338	344	355	rVB	54019	87804	1.45%	0.337%
2	5.797	420	427	435	rBV	228596	381053	6.30%	1.462%
3	7.418	694	703	710	rBV	231363	418505	6.92%	1.606%
4	8.270	843	848	862	rVB	157287	281255	4.65%	1.079%
5	8.905	950	956	963	rBV3	36431	63447	1.05%	0.243%
6	9.451	1042	1049	1053	rBV	134061	270785	4.47%	1.039%
7	9.627	1072	1079	1088	rVB7	24221	62015	1.02%	0.238%
8	10.009	1140	1144	1151	rVB4	34702	68857	1.14%	0.264%
9	10.280	1184	1190	1194	rBV4	37633	72470	1.20%	0.278%
10	10.491	1221	1226	1231	rBV2	62539	115716	1.91%	0.444%
11	10.732	1262	1267	1272	rVB	39544	61521	1.02%	0.236%
12	11.037	1312	1319	1325	rBV	106133	207770	3.43%	0.797%
13	11.108	1325	1331	1336	rVB	171724	321069	5.31%	1.232%
14	11.226	1344	1351	1357	rVB4	67005	147602	2.44%	0.566%
15	11.566	1404	1409	1416	rVB3	47777	100821	1.67%	0.387%
16	11.784	1437	1446	1456	rVB7	64525	165816	2.74%	0.636%
17	11.919	1463	1469	1475	rVB5	43620	90388	1.49%	0.347%
18	12.001	1475	1483	1488	rBV3	51328	128974	2.13%	0.495%
19	12.077	1488	1496	1501	rVV5	57734	109667	1.81%	0.421%
20	12.277	1524	1530	1536	rBV2	131916	216929	3.58%	0.833%
21	12.471	1557	1563	1570	rBV2	175553	298420	4.93%	1.145%
22	12.741	1605	1609	1615	rVB	50332	80047	1.32%	0.307%
23	12.982	1644	1650	1655	rVB3	94373	154166	2.55%	0.592%
24	13.241	1689	1694	1706	rVB8	42926	158986	2.63%	0.610%
25	13.405	1716	1722	1726	rBV4	79693	135752	2.24%	0.521%
26	13.517	1735	1741	1747	rBV	477659	713513	11.79%	2.738%
27	13.687	1764	1770	1775	rBV	224999	330355	5.46%	1.268%
28	13.834	1791	1795	1800	rVB2	76341	123438	2.04%	0.474%
29	14.169	1847	1852	1855	rBV6	40889	80193	1.33%	0.308%
30	14.210	1855	1859	1863	rVV4	73219	133042	2.20%	0.511%
31	14.257	1863	1867	1872	rVV4	61215	117940	1.95%	0.453%
32	14.316	1873	1877	1878	rVV4	66961	87104	1.44%	0.334%
33	14.340	1878	1881	1885	rVV3	112797	163072	2.69%	0.626%
34	14.392	1885	1890	1896	rVV3	62598	122778	2.03%	0.471%
35	14.457	1896	1901	1906	rVB3	74267	118592	1.96%	0.455%
36	14.633	1924	1931	1938	rBV9	29153	84439	1.40%	0.324%

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Integrator: RTE

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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

37	14.751	1946	1951	1959	rVB	246488	338242	5.59%	1.298%
38	14.892	1970	1975	1981	rVB	323135	509229	8.41%	1.954%
39	15.086	2004	2008	2019	rBV4	40462	81821	1.35%	0.314%
40	15.362	2050	2055	2058	rBV3	73625	127541	2.11%	0.489%
41	15.497	2074	2078	2082	rBV5	47309	98000	1.62%	0.376%
42	15.697	2106	2112	2116	rBV	249108	326607	5.40%	1.253%
43	16.096	2171	2180	2184	rBV4	109211	237231	3.92%	0.910%
44	16.190	2192	2196	2201	rBV5	45128	78144	1.29%	0.300%
45	16.314	2214	2217	2222	rVB5	48815	72183	1.19%	0.277%
46	16.378	2222	2228	2234	rBV	303977	491289	8.12%	1.885%
47	16.555	2253	2258	2261	rBV	251859	397662	6.57%	1.526%
48	17.054	2341	2343	2350	rVB6	37930	61890	1.02%	0.238%
49	17.342	2388	2392	2396	rVB	221892	265417	4.39%	1.019%
50	17.395	2397	2401	2405	rVB	103676	131022	2.16%	0.503%
51	17.636	2436	2442	2446	rBV	401686	647142	10.69%	2.484%
52	17.677	2446	2449	2454	rVB	114279	159734	2.64%	0.613%
53	17.818	2470	2473	2479	rVB7	38674	65542	1.08%	0.252%
54	18.082	2514	2518	2523	rVB	199687	249104	4.12%	0.956%
55	18.258	2543	2548	2554	rVB	852956	1108774	18.32%	4.255%
56	18.482	2582	2586	2595	rBV3	109475	227466	3.76%	0.873%
57	18.764	2630	2634	2638	rVB	182794	198190	3.27%	0.761%
58	19.216	2707	2711	2718	rVB6	44613	73622	1.22%	0.283%
59	19.387	2734	2740	2743	rBV	4427806	6052083	100.00%	23.226%
60	19.416	2743	2745	2756	rVB2	2716517	3675659	60.73%	14.106%
61	19.539	2762	2766	2771	rBV	560883	649621	10.73%	2.493%
62	19.598	2772	2776	2778	rBV3	100531	126489	2.09%	0.485%
63	19.669	2784	2788	2793	rVB	182930	262122	4.33%	1.006%
64	19.956	2833	2837	2840	rVB2	112970	128897	2.13%	0.495%
65	19.998	2841	2844	2846	rVV2	47109	66993	1.11%	0.257%
66	20.033	2846	2850	2857	rVB	183761	271655	4.49%	1.043%
67	20.209	2875	2880	2885	rVB	822402	1036150	17.12%	3.976%
68	20.479	2923	2926	2929	rBV	87176	106506	1.76%	0.409%
69	20.620	2946	2950	2953	rBV2	66110	83119	1.37%	0.319%
70	21.925	3165	3172	3177	rBV2	419740	748800	12.37%	2.874%
71	25.350	3749	3755	3770	rVB2	211302	629117	10.40%	2.414%

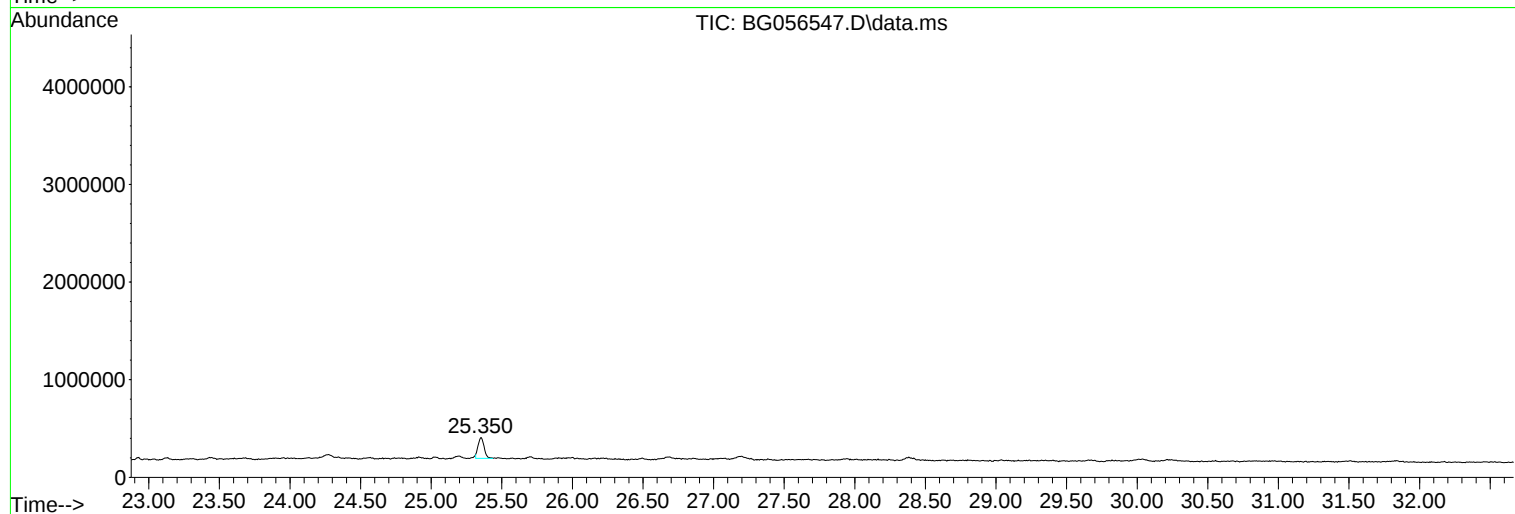
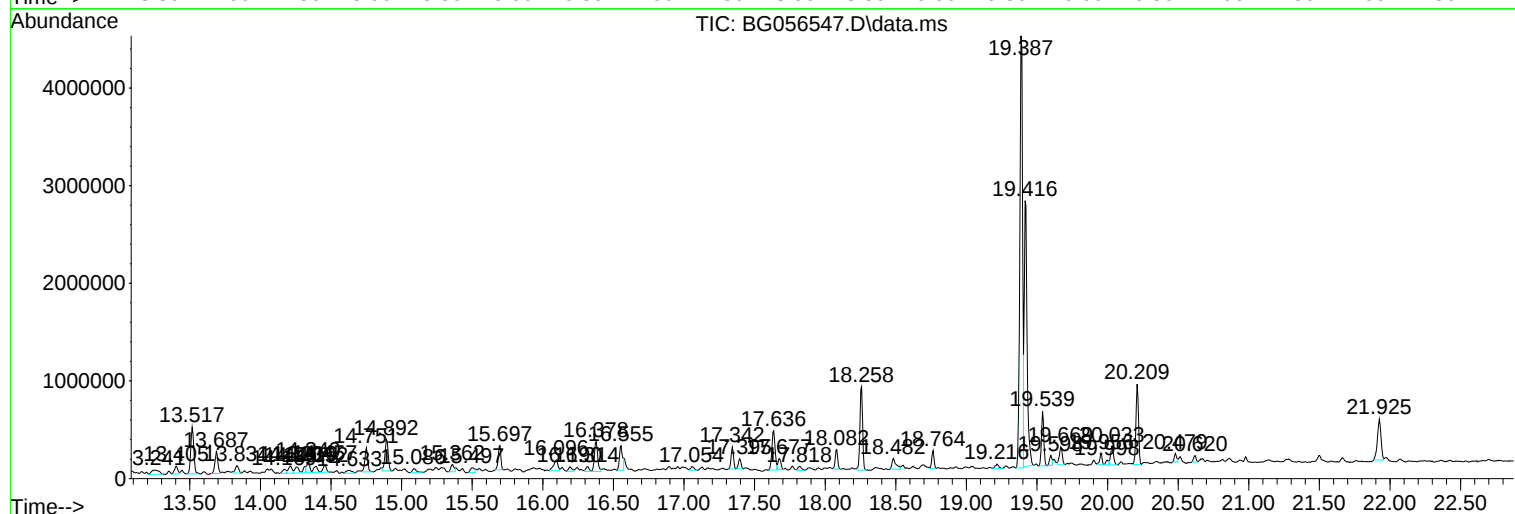
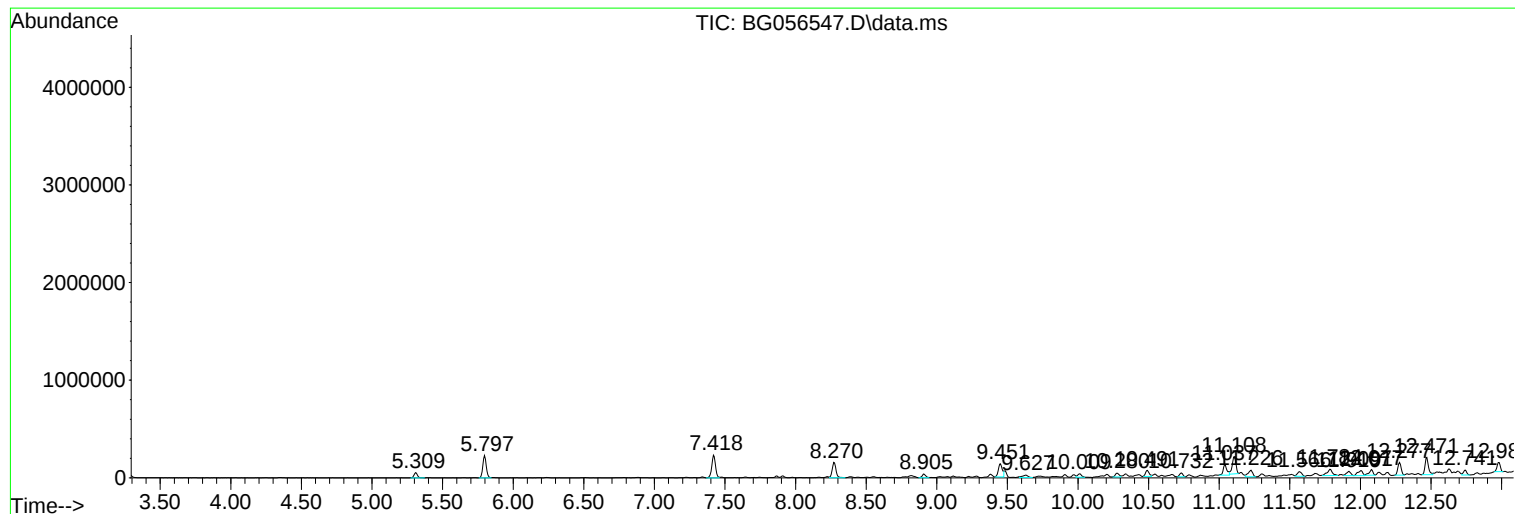
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-020223

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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Operator : CG/JU
Sample : 01413-01 2X
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-020223

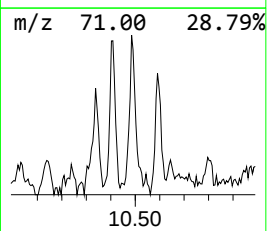
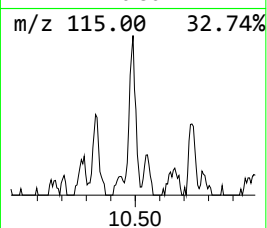
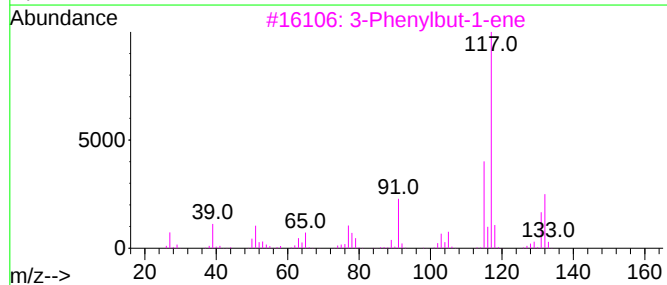
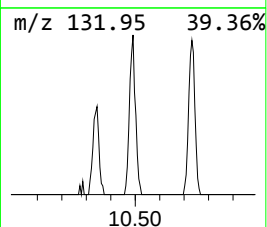
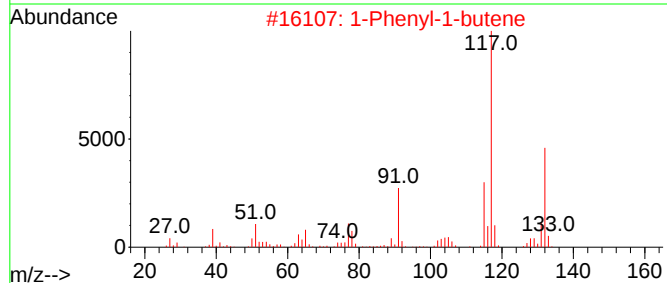
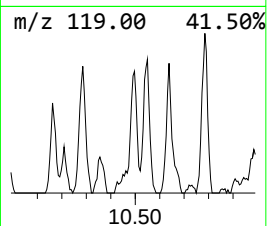
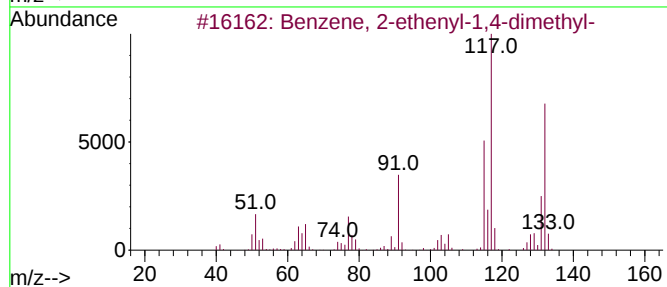
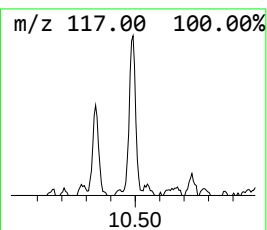
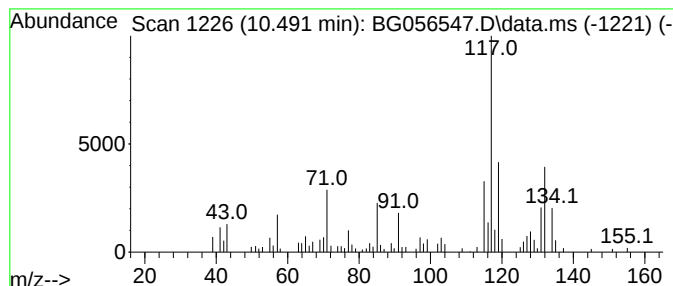
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.491	7.21 ng	115716	Naphthalene-d8	11.102

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	78
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4			2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60



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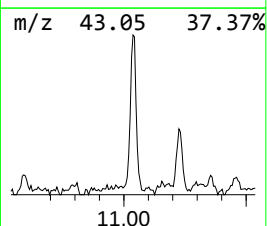
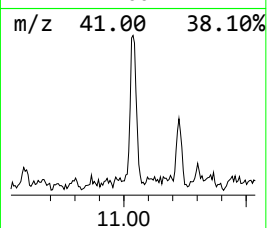
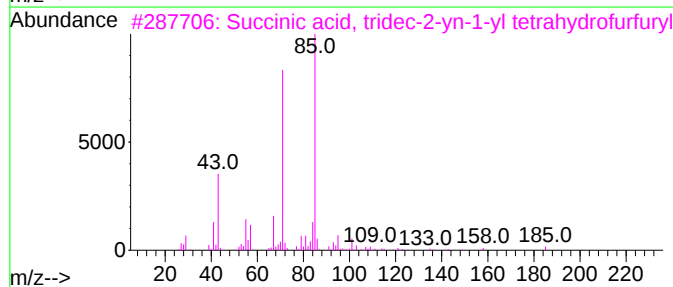
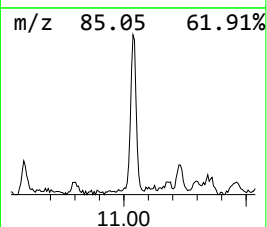
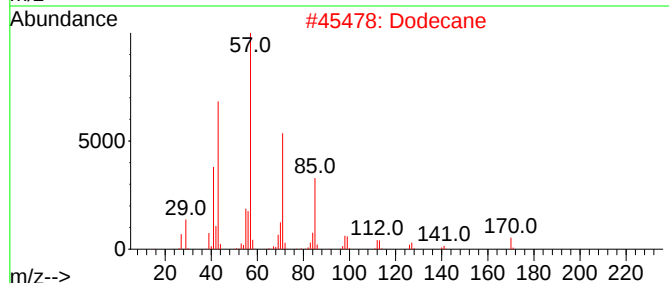
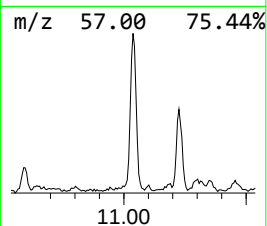
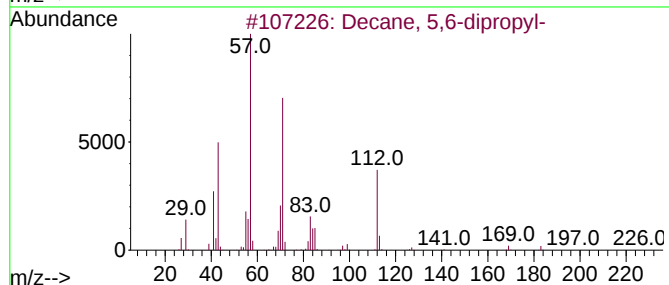
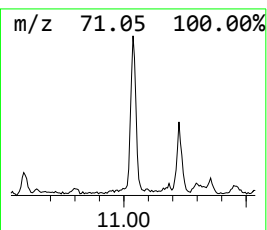
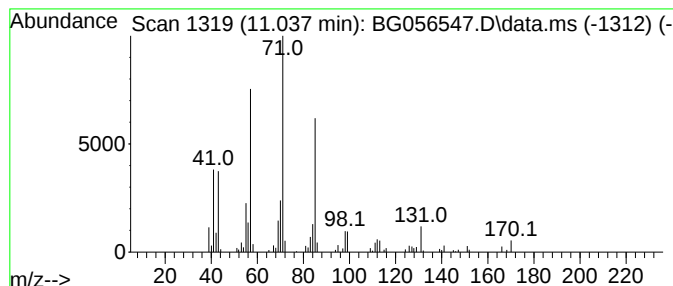
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 5,6-dipropyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.038	12.94 ng	207770	Naphthalene-d8	11.102	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	53
2	Dodecane	170	C12H26	000112-40-3	53
3	Succinic acid, tridec-2-yn-1-yl ...	380	C22H36O5	1000390-72-9	50
4	Sulfurous acid, dodecyl 2-pentyl...	320	C17H36O3S	1000309-16-1	47
5	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1010309-15-8	47



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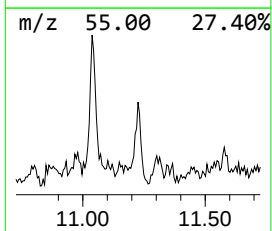
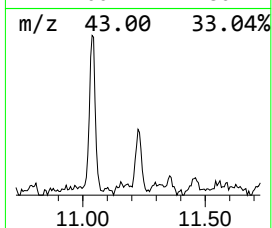
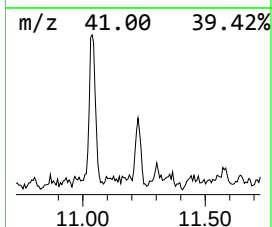
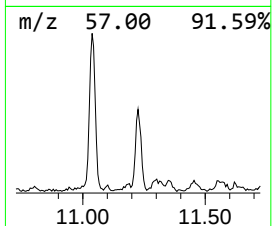
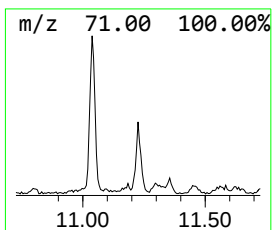
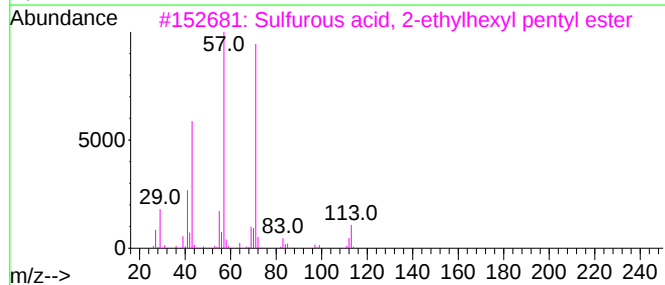
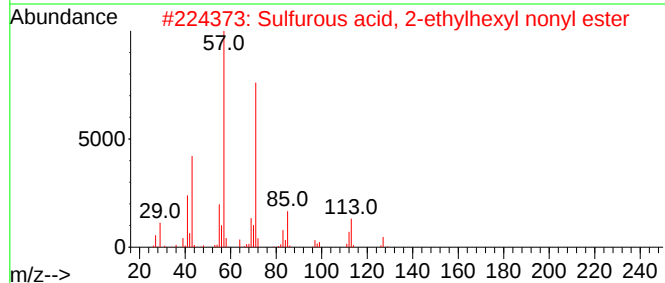
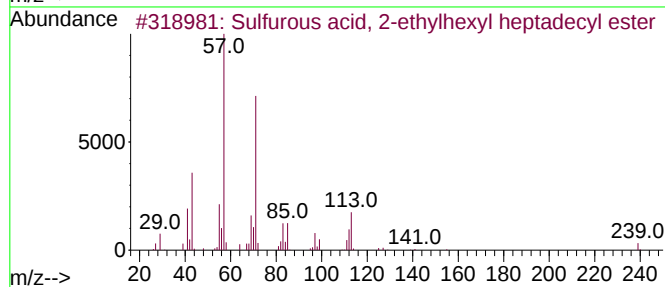
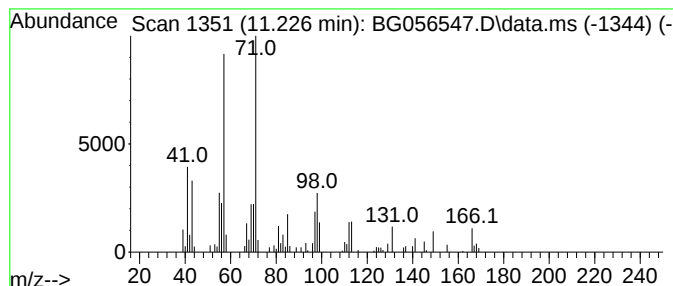
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Sulfurous acid, 2-ethylhexy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.226	9.19 ng	147602	Naphthalene-d8	11.102

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	50
3			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	43
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	43
5			Sulfurous acid, dodecyl 2-pentyl...	320	C17H36O3S	1000309-16-1	43



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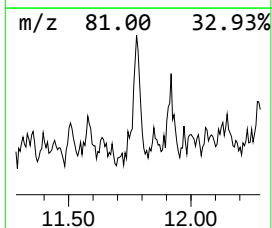
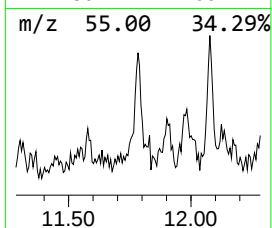
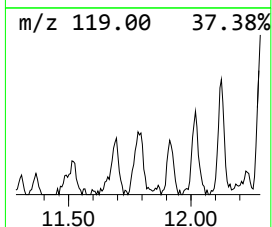
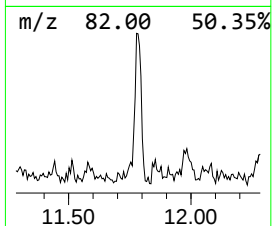
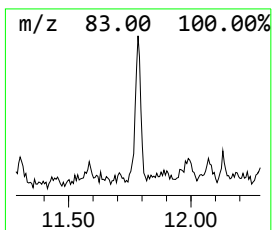
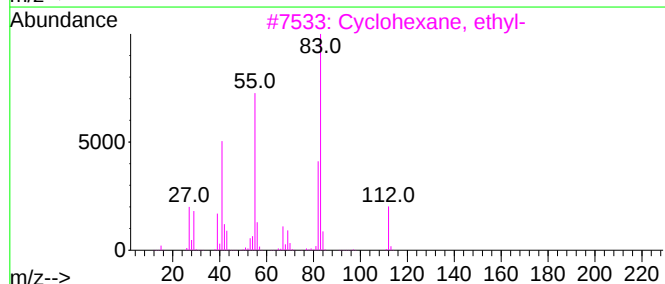
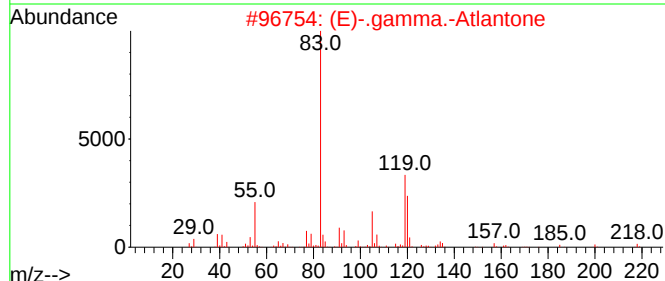
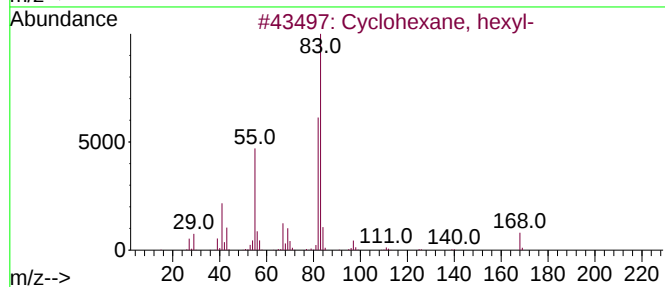
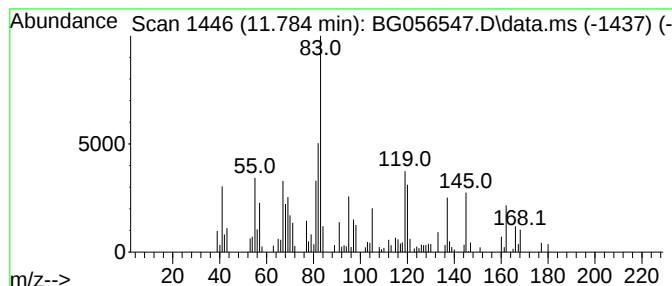
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown11.784 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.784	10.33 ng	165816	Naphthalene-d8	11.102

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
2			(E)-.gamma.-Atlantone	218	C15H22O	108549-47-9	35
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	35
4			2-Butyl-.delta.1-pyrroline	125	C8H15N	064319-86-4	35
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
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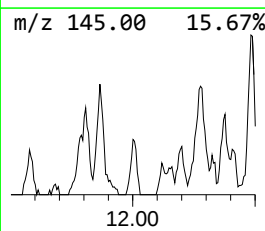
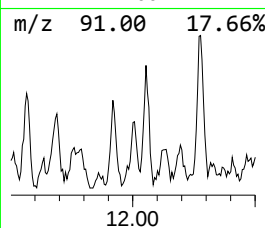
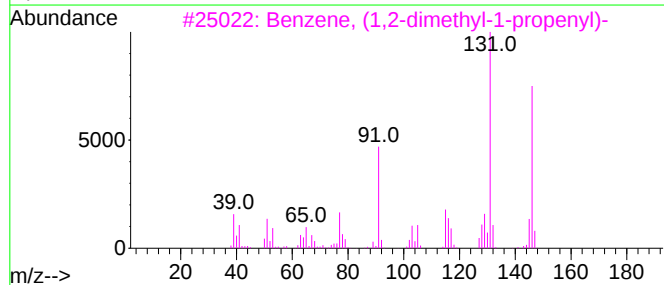
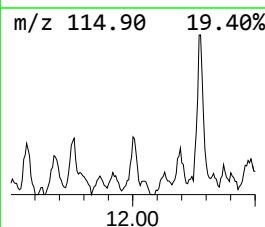
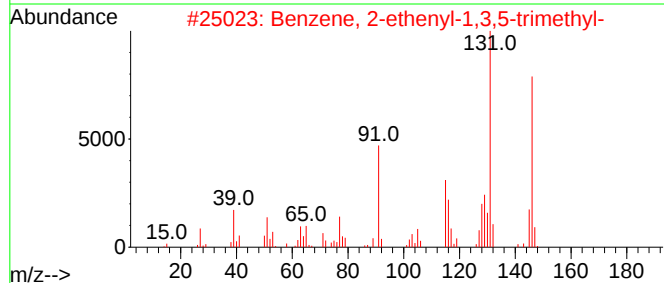
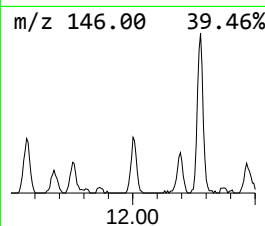
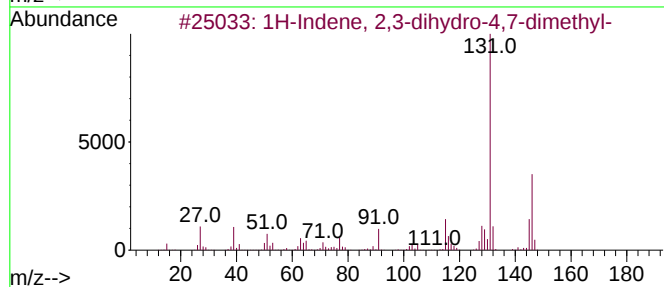
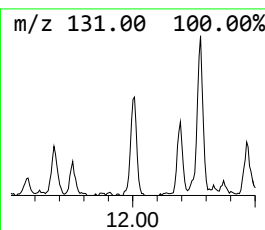
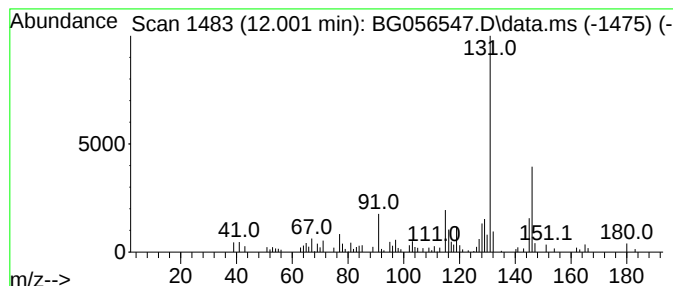
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.001	8.03 ng	128974	Naphthalene-d8	11.102	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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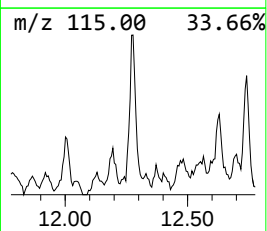
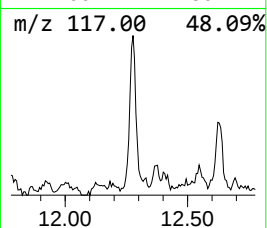
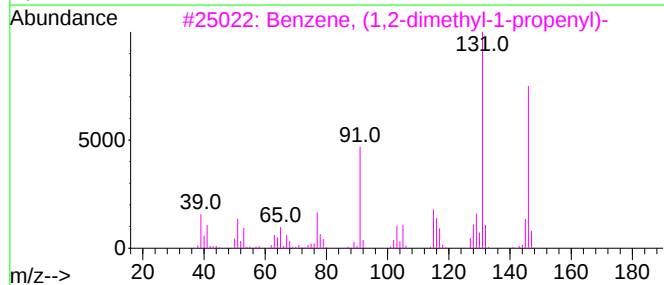
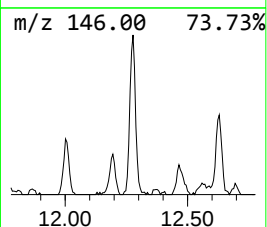
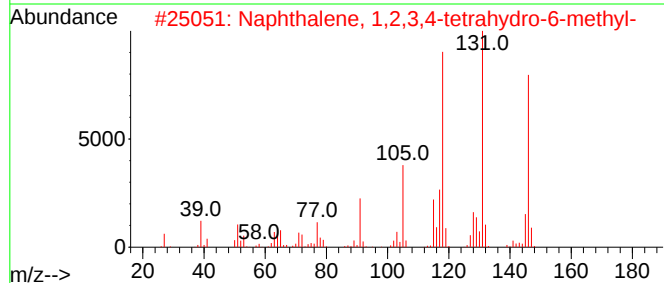
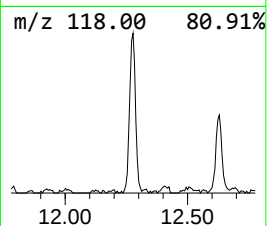
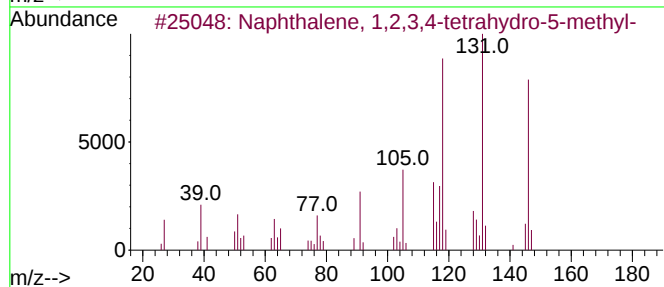
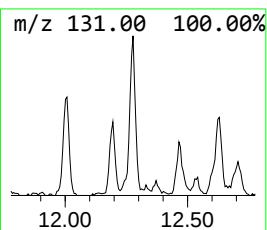
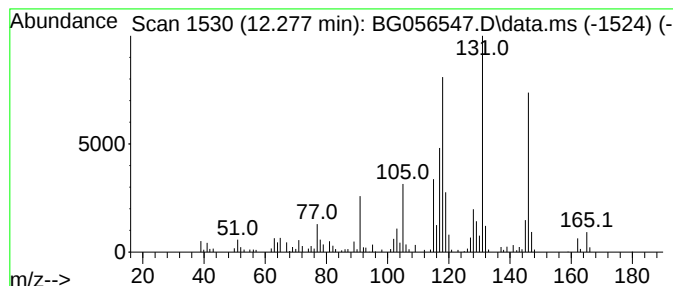
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.277	13.51 ng	216929	Naphthalene-d8	11.102
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 97
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 96
3		Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3 90
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146 C11H14	1010189-31-0 72
5		Benzene, 1-methyl-3-(1-methyl-2-...	146 C11H14	052161-57-6 55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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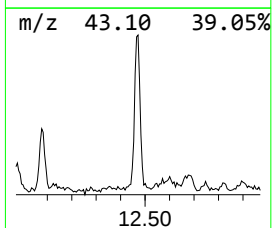
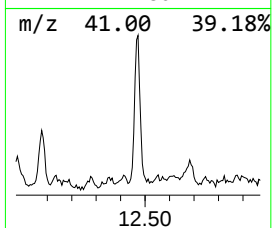
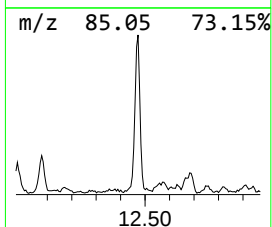
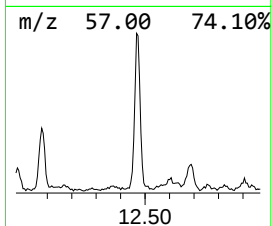
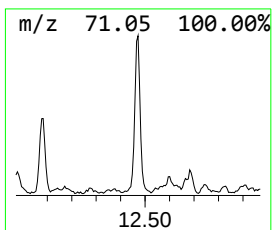
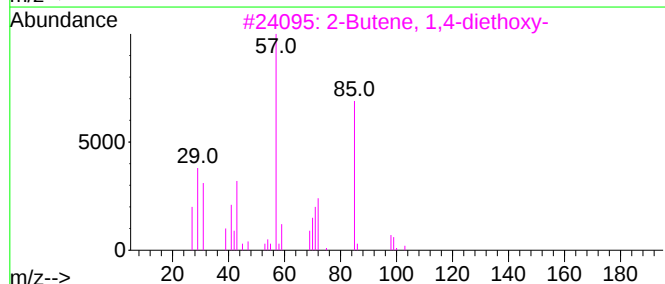
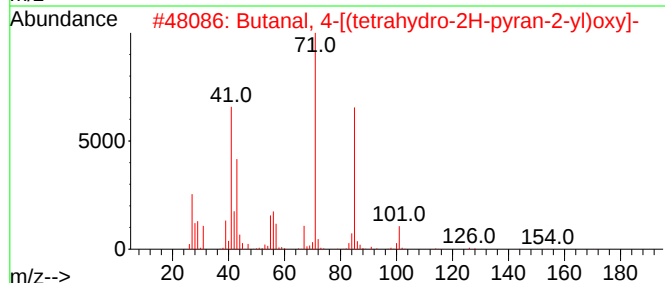
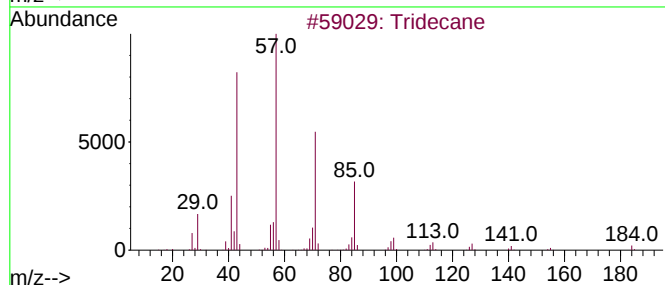
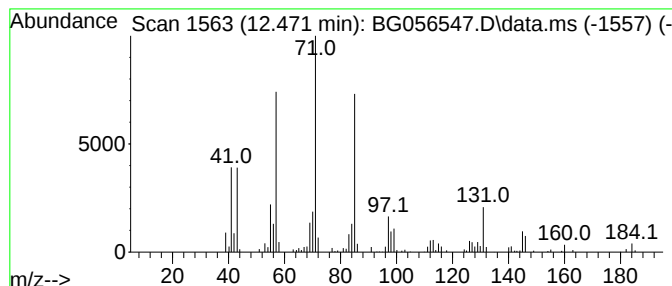
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	18.59 ng	298420	Naphthalene-d8	11.102

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	53
2			Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	50
3			2-Butene, 1,4-diethoxy-	144	C8H16O2	007250-85-3	38
4			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	38
5			3-Octyl 2-methylbutyrate	214	C13H26O2	1000433-23-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
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Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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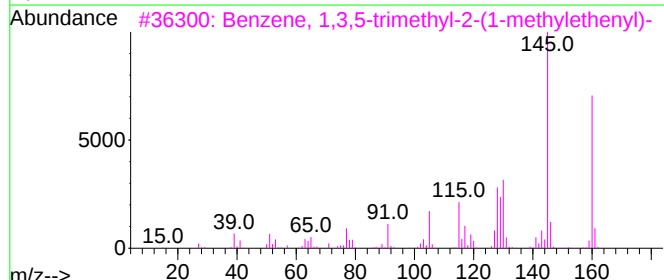
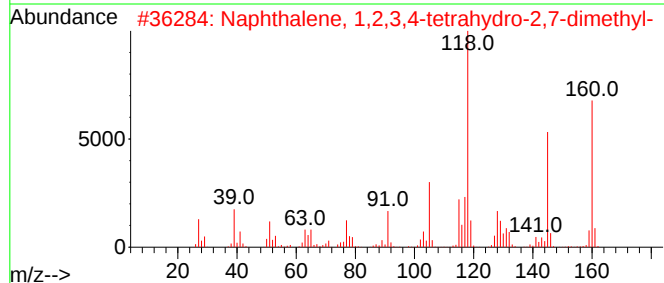
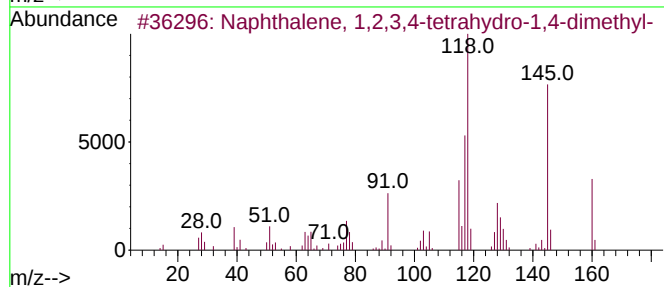
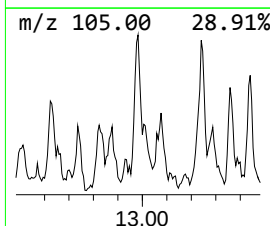
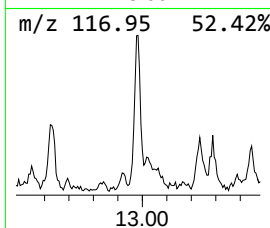
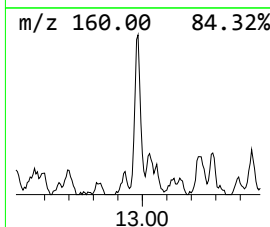
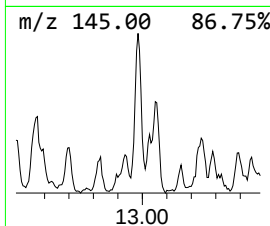
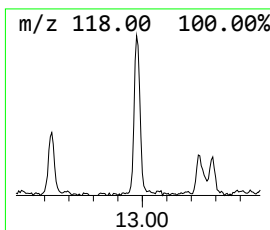
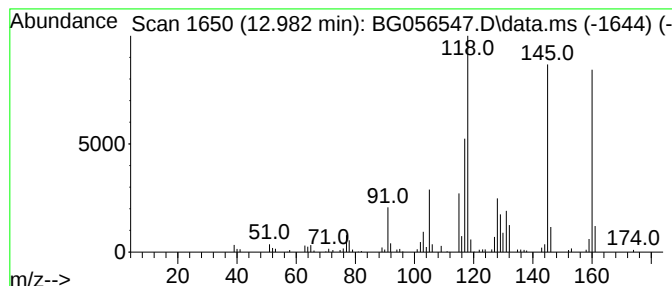
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.982	9.60 ng	154166	Naphthalene-d8	11.102

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	86
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	83
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
4			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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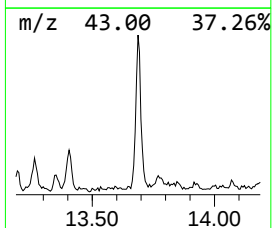
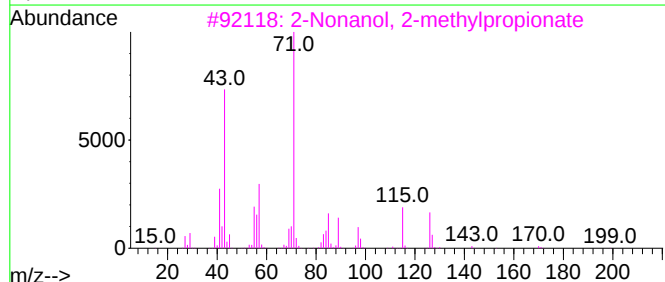
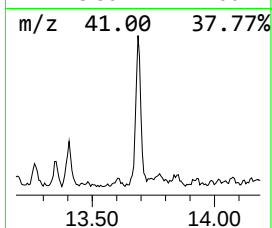
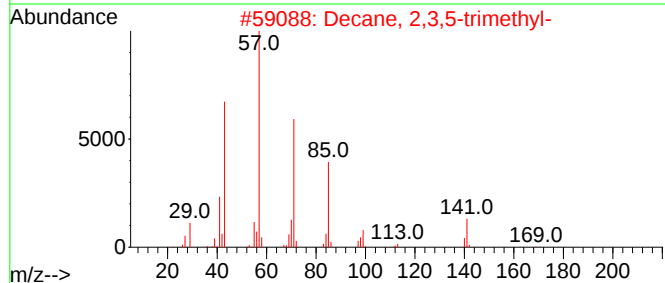
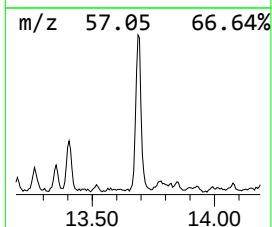
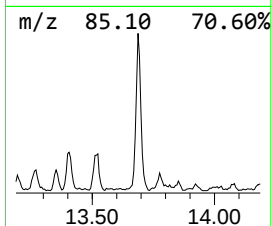
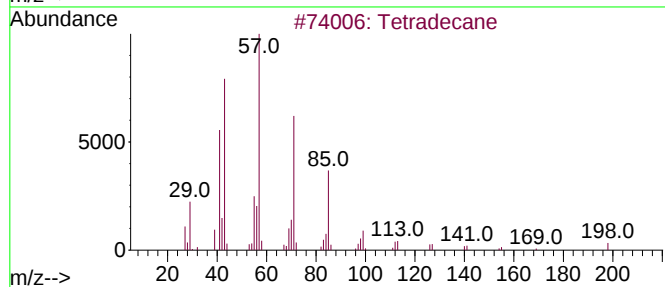
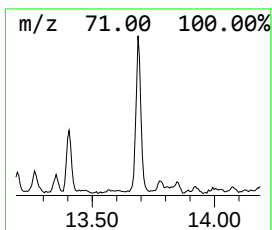
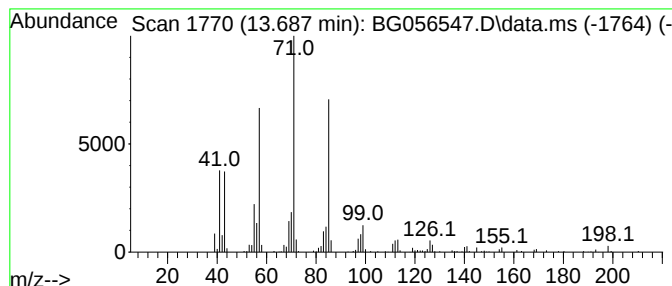
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.687	12.97 ng	330355	Acenaphthene-d10		14.892	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	78
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	72
3	2-Nonanol, 2-methylpropionate		214	C13H26O2	069121-76-2	47
4	Butyric acid, 2-tridecyl ester		270	C17H34O2	055193-07-2	47
5	Oxalic acid, 6-ethyloct-3-yl hep...		328	C19H36O4	1000309-34-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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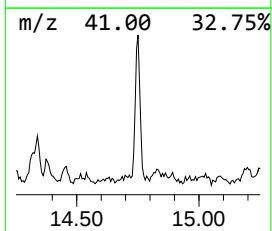
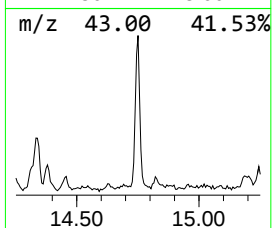
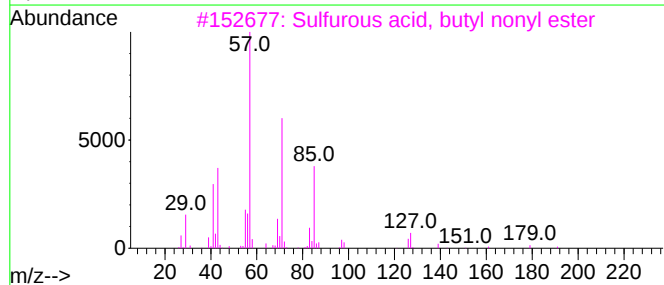
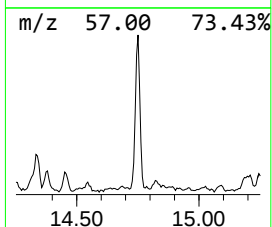
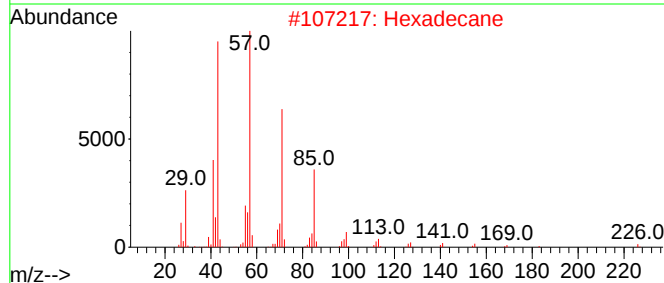
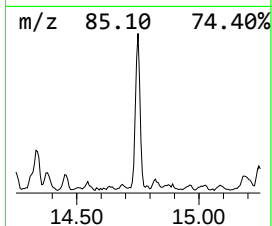
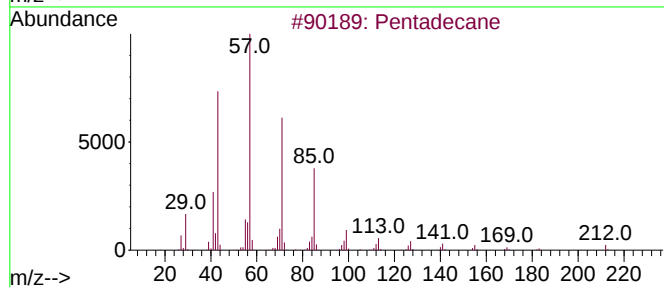
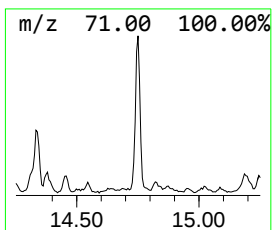
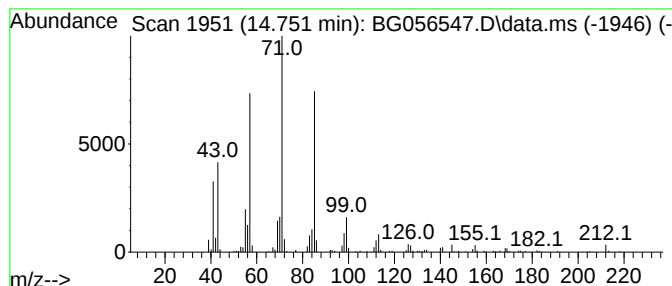
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	13.28 ng	338242	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Hexadecane	226	C16H34	000544-76-3	72
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
4			Succinic acid, 3-chlorophenyl te...	312	C15H17ClO5	1000390-72-2	64
5			Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
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Operator : CG/JU
Sample : 01413-01 2X
Misc :
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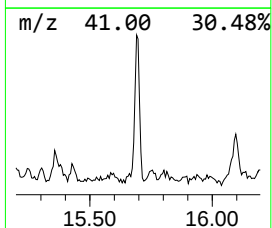
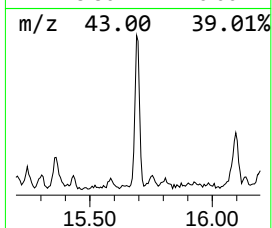
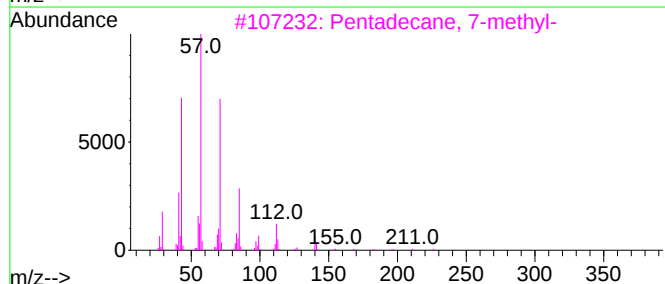
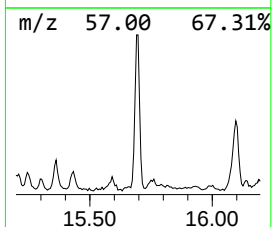
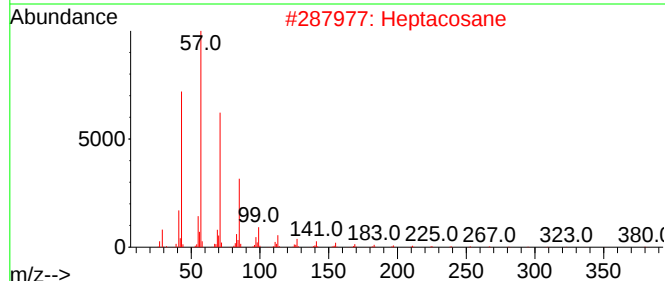
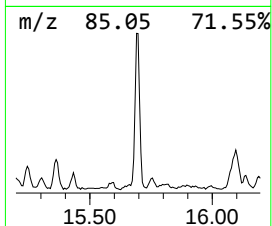
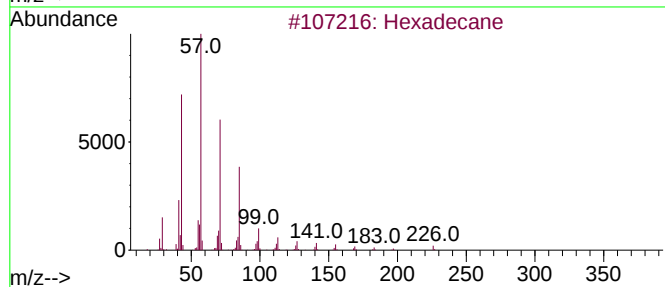
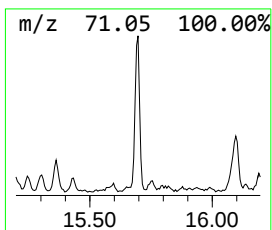
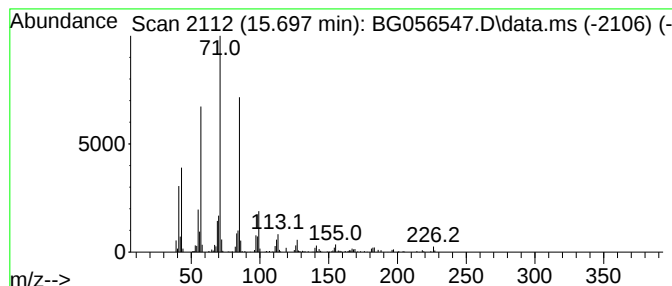
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ClientSampleId :
TR-5-020223

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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 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.697	12.83 ng	326607	Acenaphthene-d10		14.892	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Heptacosane		380	C27H56	000593-49-7	90
3	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	86
4	Nonadecane		268	C19H40	000629-92-5	86
5	Eicosane		282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-020223

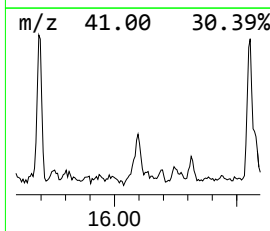
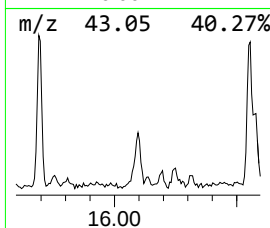
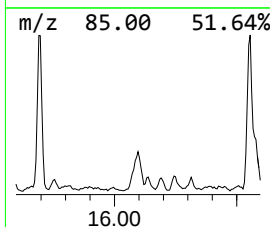
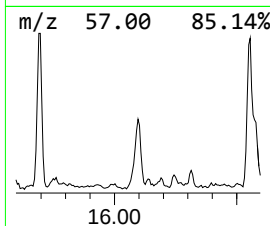
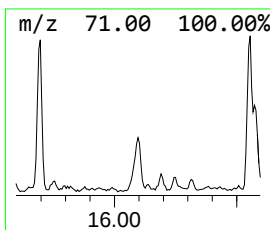
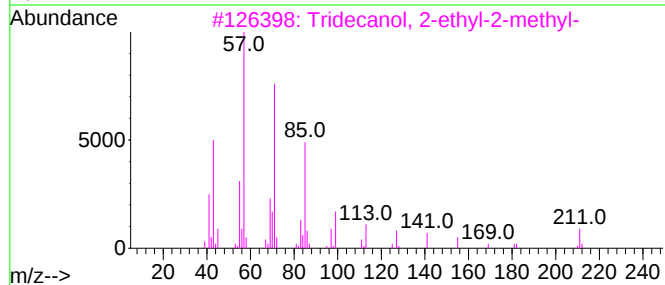
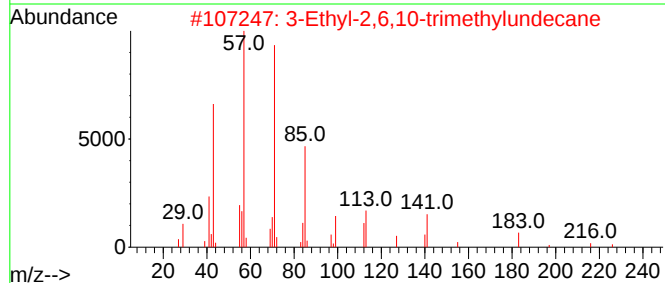
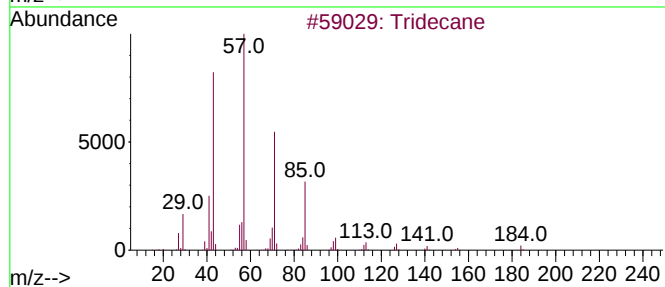
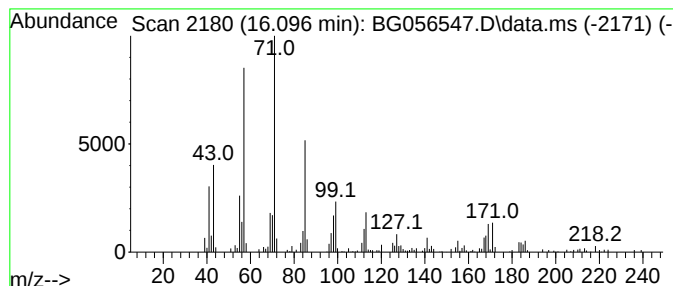
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3-Ethyl-2,6,10-trimethylund... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.096	9.32 ng	237231	Acenaphthene-d10	14.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	64
2			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64
3			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	59
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-5-020223

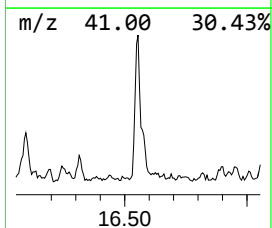
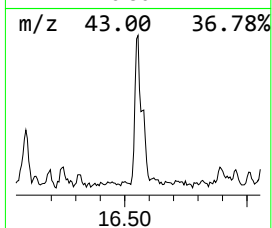
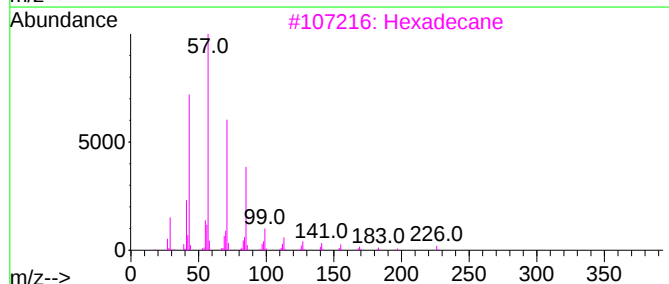
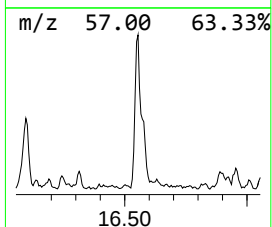
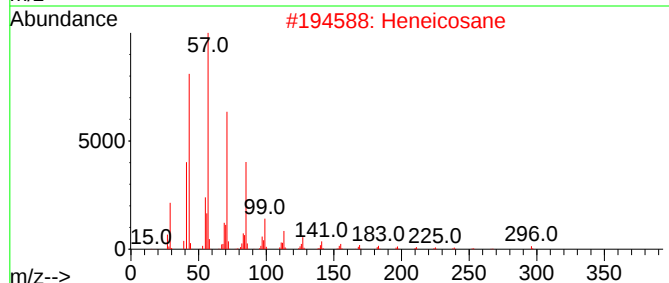
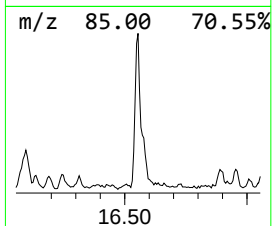
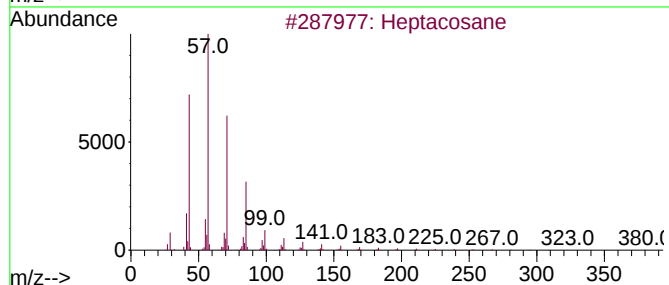
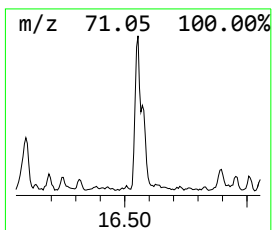
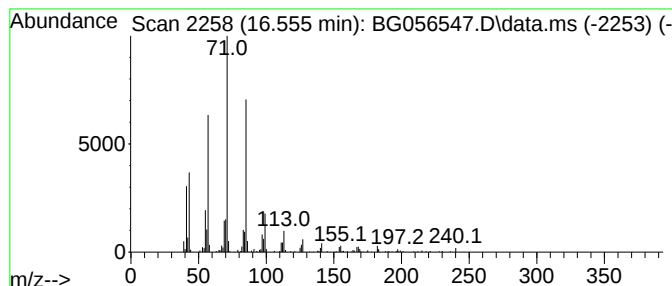
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.555	12.29 ng	397662	Phenanthrene-d10	17.636

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heneicosane	296	C21H44	000629-94-7	86
3			Hexadecane	226	C16H34	000544-76-3	83
4			Heptadecane	240	C17H36	000629-78-7	60
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-020223

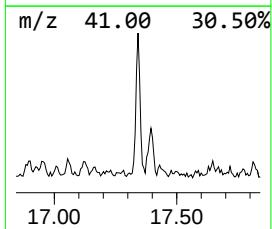
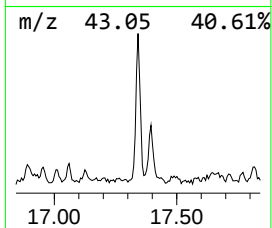
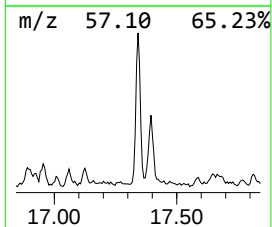
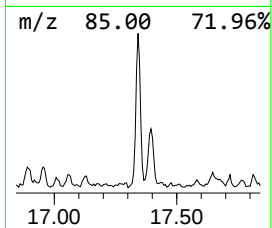
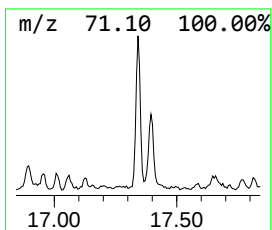
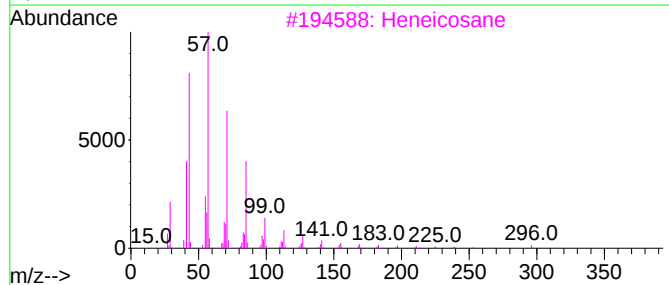
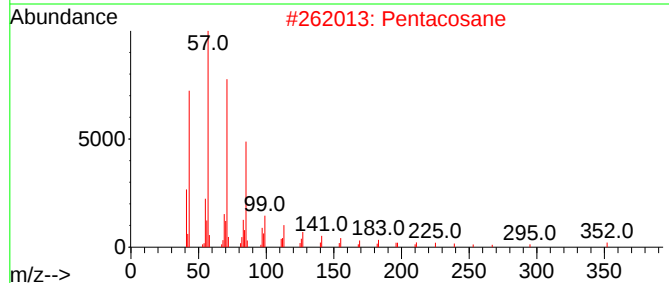
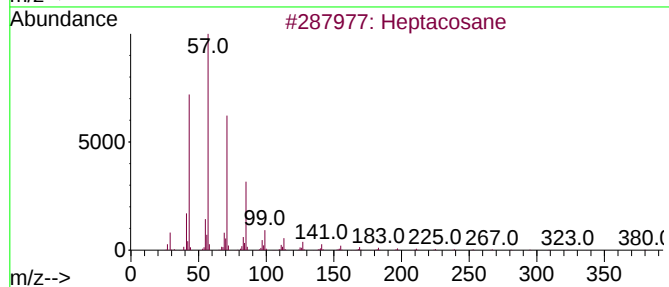
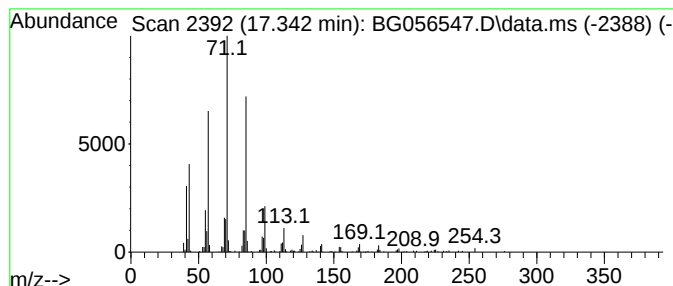
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.342	8.20 ng	265417	Phenanthrene-d10	17.636

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	87
2		Pentacosane	352	C25H52	000629-99-2	86
3		Heneicosane	296	C21H44	000629-94-7	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

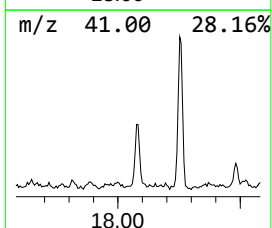
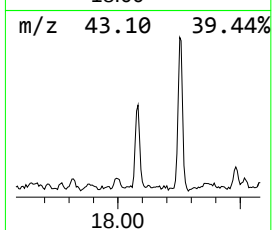
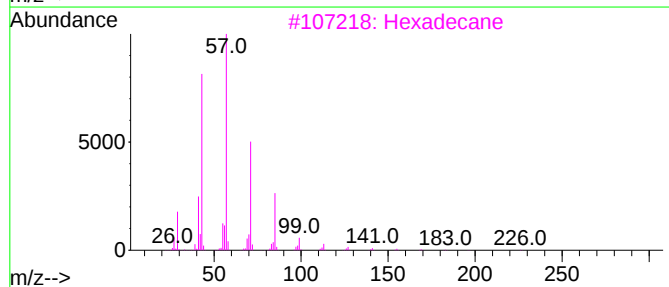
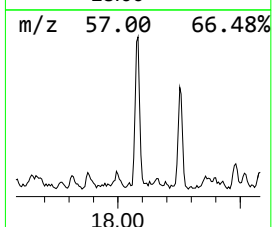
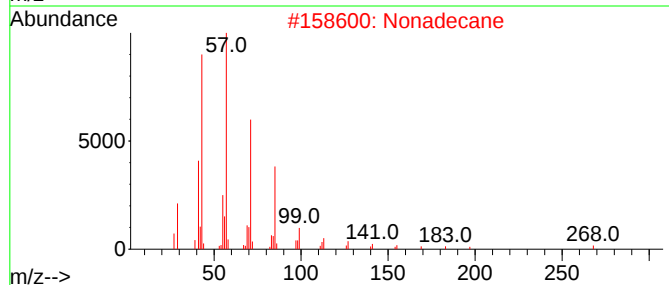
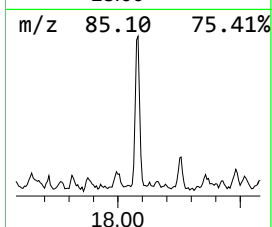
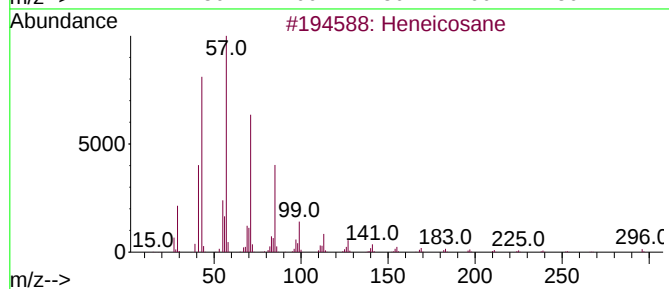
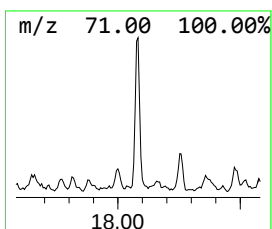
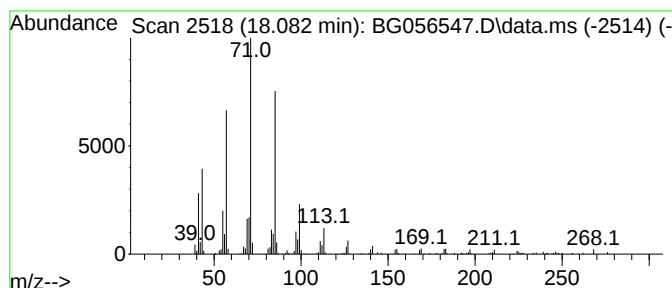
Instrument :
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ClientSampleId :
TR-5-020223

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 15 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.082	7.70 ng	249104	Phenanthrene-d10		17.636	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Nonadecane		268	C19H40	000629-92-5	86
3	Hexadecane		226	C16H34	000544-76-3	83
4	Undecane, 2,9-dimethyl-		184	C13H28	017301-26-7	72
5	Heptadecane		240	C17H36	000629-78-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
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Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

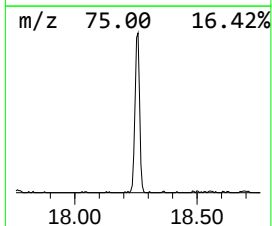
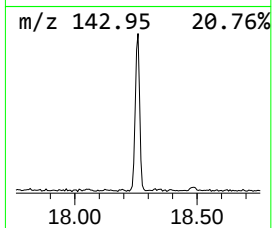
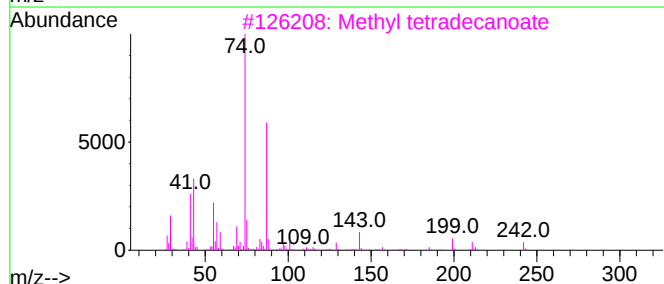
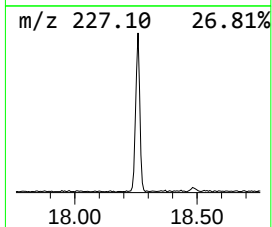
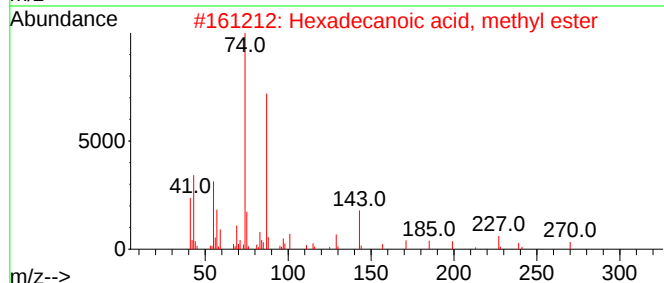
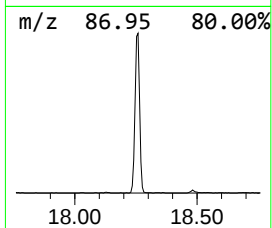
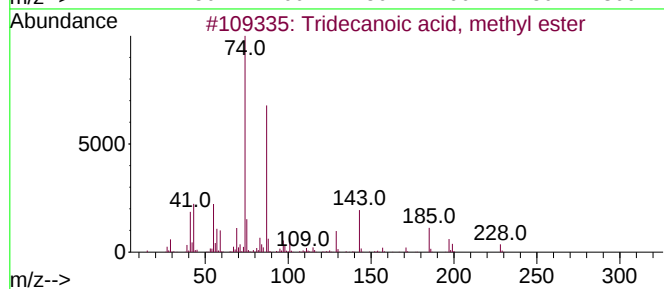
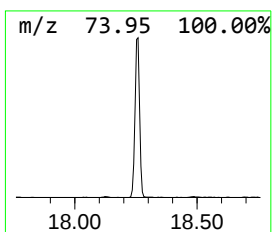
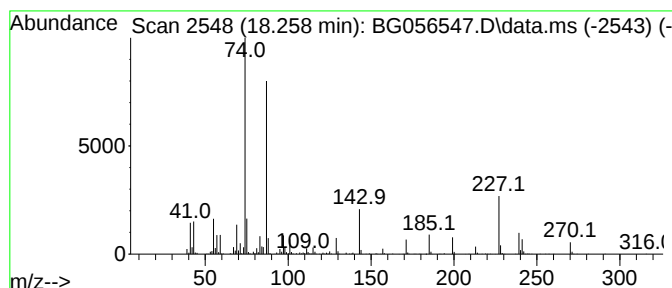
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.258	34.27 ng	1108770	Phenanthrene-d10		17.636	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester		228	C14H28O2	001731-88-0	95
2	Hexadecanoic acid, methyl ester		270	C17H34O2	000112-39-0	90
3	Methyl tetradecanoate		242	C15H30O2	000124-10-7	89
4	Pentadecanoic acid, 14-methyl-, ...		270	C17H34O2	005129-60-2	76
5	Decanoic acid, methyl ester		186	C11H22O2	000110-42-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
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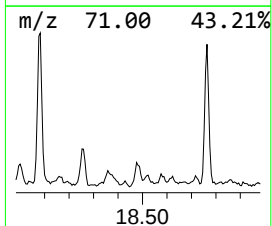
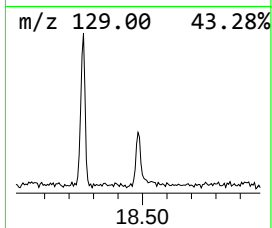
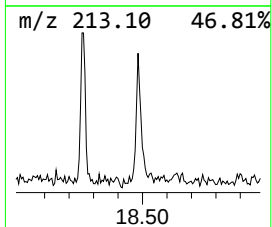
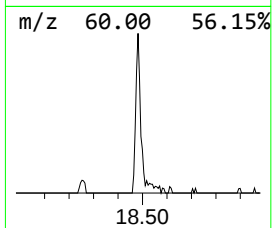
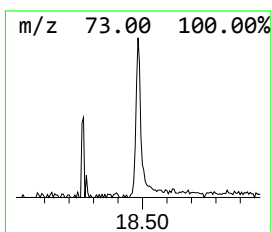
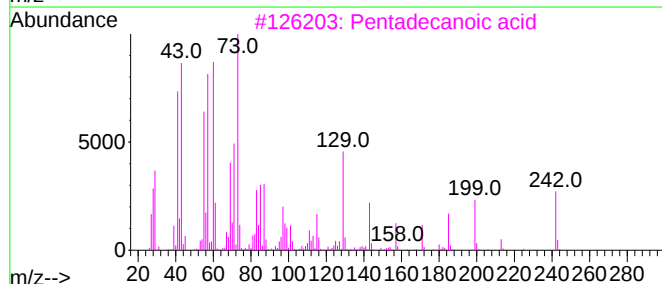
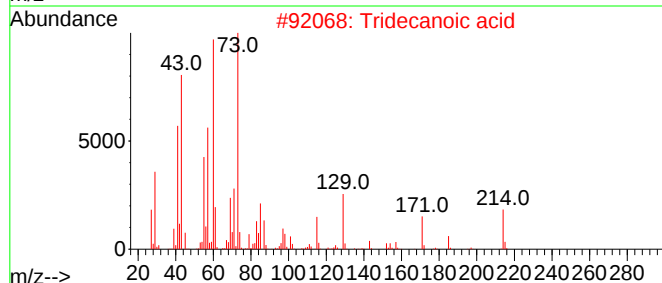
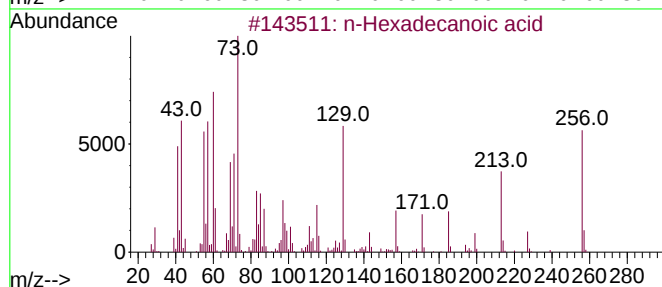
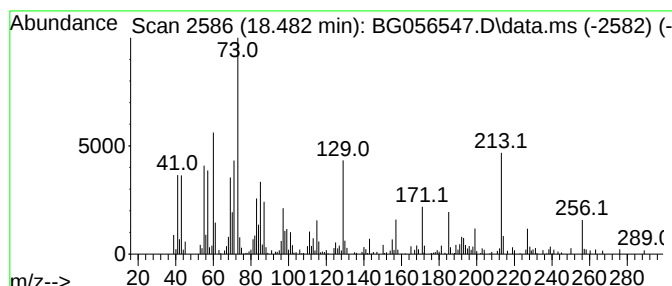
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.482	7.03 ng	227466	Phenanthrene-d10	17.636	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-020223

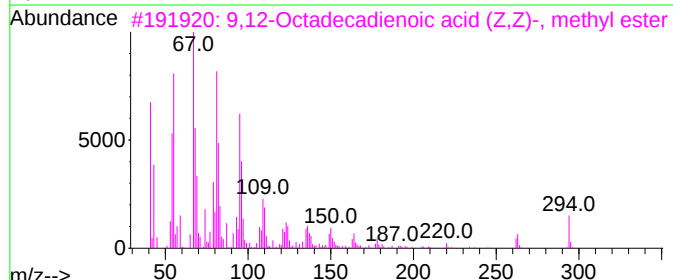
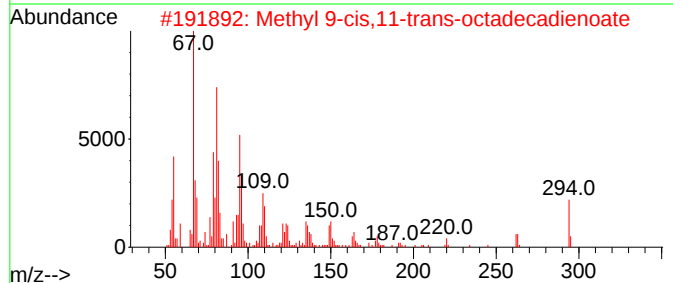
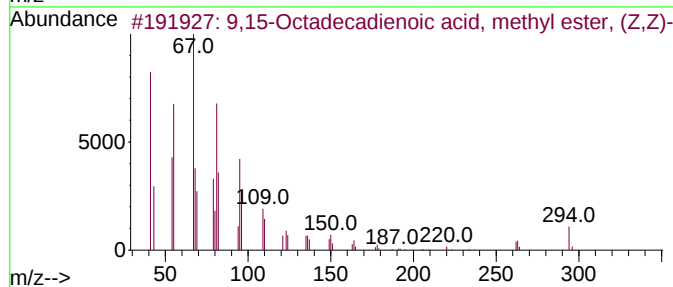
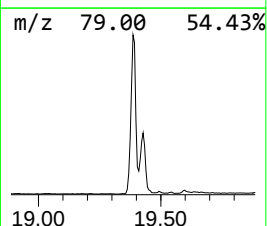
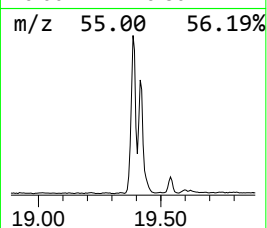
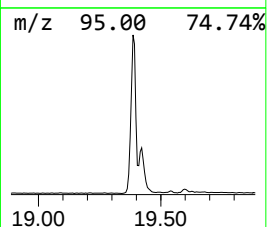
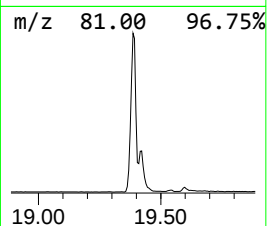
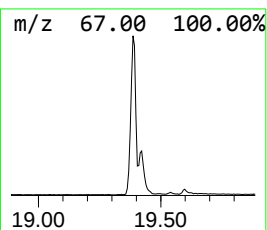
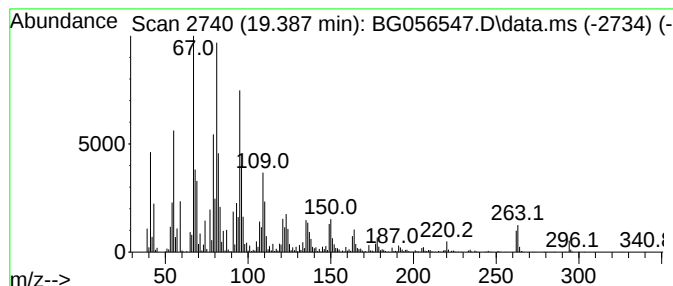
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.387	187.04 ng	6052080	Phenanthrene-d10	17.636

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	97
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96
4		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	91
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

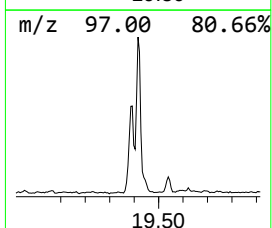
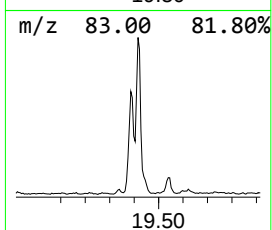
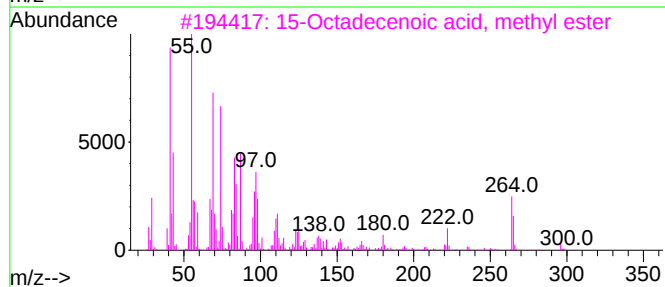
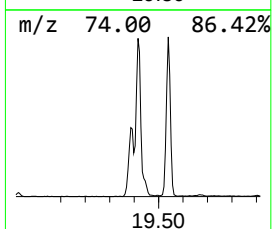
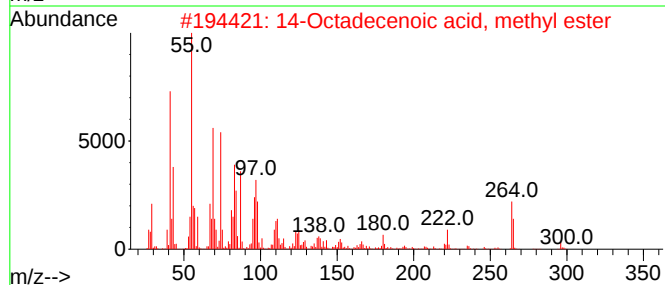
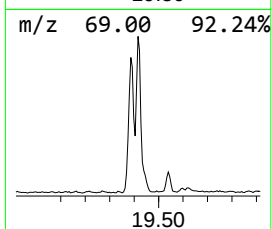
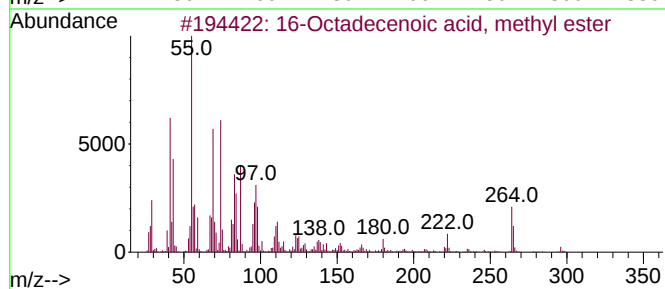
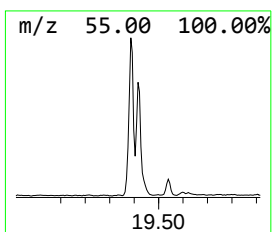
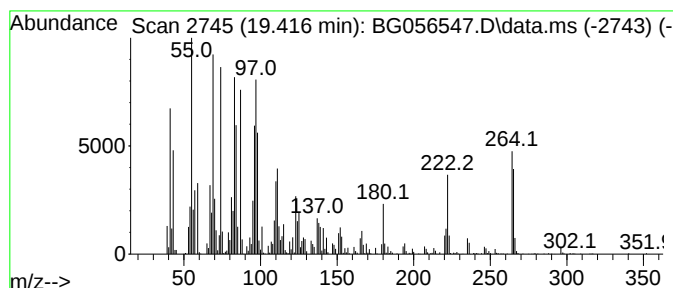
Instrument :
BNA_G
ClientSampleId :
TR-5-020223

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 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.416	113.60 ng	3675660	Phenanthrene-d10	17.636		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97
5		(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

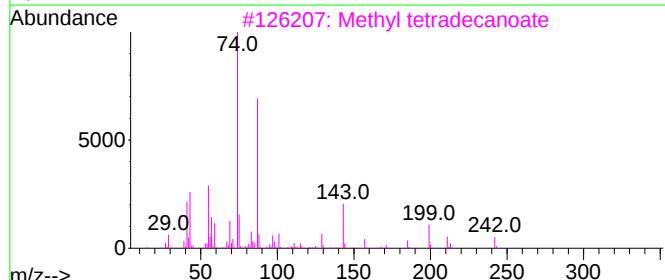
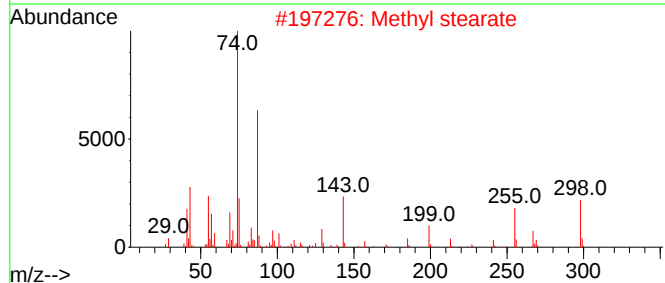
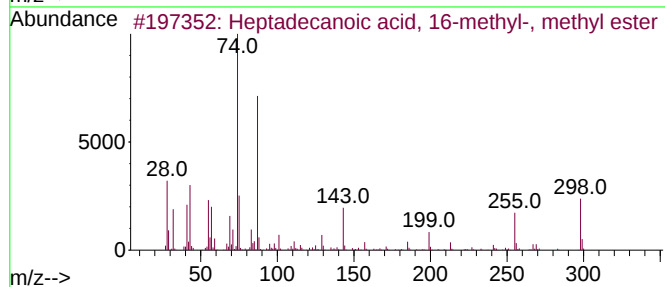
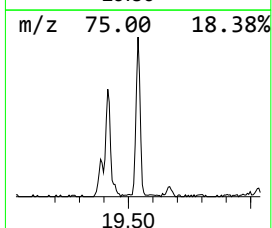
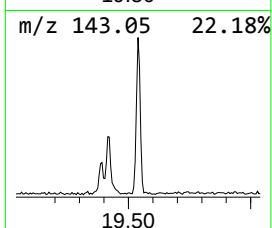
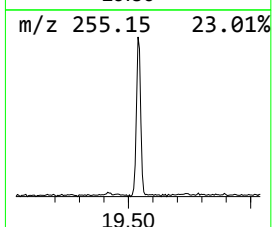
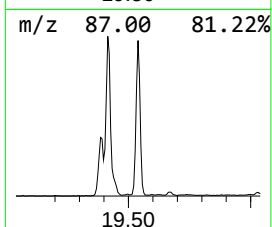
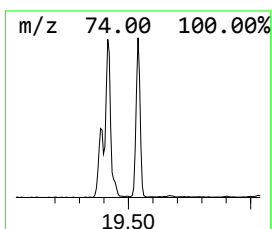
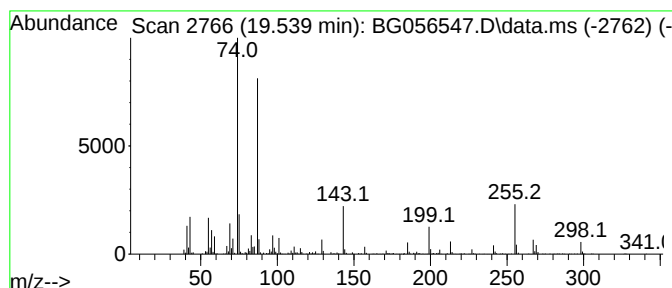
Instrument :
BNA_G
ClientSampleId :
TR-5-020223

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 20 Heptadecanoic acid, 16-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.539	20.08 ng	649621	Phenanthrene-d10		17.636	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	95
2		Methyl stearate	298	C19H38O2	000112-61-8	95
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056547.D
Acq On : 3 Feb 2023 20:37
Operator : CG/JU
Sample : 01413-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-020223

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
Benzene, 2-ethe...	10.491	7.2	ng	115716	2	11.102	321069	20.0
Decane, 5,6-dip...	11.038	12.9	ng	207770	2	11.102	321069	20.0
Sulfurous acid,...	11.226	9.2	ng	147602	2	11.102	321069	20.0
unknown11.784	11.784	10.3	ng	165816	2	11.102	321069	20.0
1H-Indene, 2,3-...	12.001	8.0	ng	128974	2	11.102	321069	20.0
Naphthalene, 1,...	12.277	13.5	ng	216929	2	11.102	321069	20.0
Tridecane	12.471	18.6	ng	298420	2	11.102	321069	20.0
Naphthalene, 1,...	12.982	9.6	ng	154166	2	11.102	321069	20.0
Tetradecane	13.687	13.0	ng	330355	3	14.892	509229	20.0
Pentadecane	14.751	13.3	ng	338242	3	14.892	509229	20.0
Hexadecane	15.697	12.8	ng	326607	3	14.892	509229	20.0
3-Ethyl-2,6,10-...	16.096	9.3	ng	237231	3	14.892	509229	20.0
Heptacosane	16.555	12.3	ng	397662	4	17.636	647142	20.0
Pentacosane	17.342	8.2	ng	265417	4	17.636	647142	20.0
Heneicosane	18.082	7.7	ng	249104	4	17.636	647142	20.0
Tridecanoic aci...	18.258	34.3	ng	1108770	4	17.636	647142	20.0
n-Hexadecanoic ...	18.482	7.0	ng	227466	4	17.636	647142	20.0
9,15-Octadecadi...	19.387	187.0	ng	6052080	4	17.636	647142	20.0
16-Octadecenoic...	19.416	113.6	ng	3675660	4	17.636	647142	20.0
Heptadecanoic a...	19.539	20.1	ng	649621	4	17.636	647142	20.0