

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048665.D
 Acq On : 12 Apr 2021 17:52
 Operator : CG/JU
 Sample : M1946-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB11

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-BG033021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048665.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.165	305	311	315	rVB3	13621	20691	1.03%	0.127%
2	5.641	384	392	403	rBV	311492	484571	24.07%	2.972%
3	7.251	659	666	679	rBV	176467	319497	15.87%	1.959%
4	8.091	801	809	815	rBV	144235	236502	11.75%	1.450%
5	8.150	815	819	824	rVB2	13899	22366	1.11%	0.137%
6	9.266	1001	1009	1019	rVB	475142	847084	42.08%	5.195%
7	9.824	1099	1104	1114	rVB6	13916	30835	1.53%	0.189%
8	10.088	1144	1149	1154	rBV9	16321	28669	1.42%	0.176%
9	10.247	1169	1176	1181	rVB7	10010	25729	1.28%	0.158%
10	10.329	1181	1190	1194	rBV8	17026	36457	1.81%	0.224%
11	10.435	1200	1208	1213	rVB8	18059	38943	1.93%	0.239%
12	10.623	1233	1240	1246	rBV8	18109	40050	1.99%	0.246%
13	10.688	1246	1251	1258	rBV8	23313	57722	2.87%	0.354%
14	10.876	1278	1283	1286	rBV2	80187	134777	6.70%	0.827%
15	10.917	1286	1290	1298	rVB	186036	346809	17.23%	2.127%
16	10.987	1298	1302	1305	rBV5	14702	22375	1.11%	0.137%
17	11.064	1309	1315	1321	rVB2	140989	253806	12.61%	1.557%
18	11.134	1321	1327	1332	rBV8	32205	80706	4.01%	0.495%
19	11.405	1367	1373	1378	rVB8	32348	62173	3.09%	0.381%
20	11.457	1378	1382	1384	rBV5	18371	28599	1.42%	0.175%
21	11.575	1398	1402	1403	rBV3	25192	31786	1.58%	0.195%
22	11.616	1404	1409	1415	rVV5	83208	182111	9.05%	1.117%
23	11.669	1415	1418	1424	rVB7	35332	59641	2.96%	0.366%
24	11.745	1426	1431	1436	rVB4	67995	108586	5.39%	0.666%
25	11.822	1437	1444	1453	rVB6	98300	219048	10.88%	1.343%
26	11.927	1453	1462	1466	rBV2	307059	513178	25.49%	3.147%
27	11.969	1466	1469	1473	rVV6	47548	73644	3.66%	0.452%
28	12.016	1473	1477	1484	rVB9	38353	80793	4.01%	0.496%
29	12.192	1504	1507	1512	rBV7	28999	38818	1.93%	0.238%
30	12.321	1523	1529	1534	rBV2	319156	488885	24.29%	2.998%
31	12.538	1559	1566	1572	rVB4	111693	245332	12.19%	1.505%
32	12.715	1593	1596	1600	rVB3	36812	45831	2.28%	0.281%
33	12.950	1631	1636	1640	rBV3	108611	182608	9.07%	1.120%
34	13.014	1640	1647	1651	rVV4	100365	229772	11.41%	1.409%
35	13.056	1651	1654	1658	rVB3	57438	69758	3.47%	0.428%
36	13.126	1662	1666	1671	rVB2	114314	170140	8.45%	1.043%

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

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37	13.214	1677	1681	1686	rVV	81745	105819	5.26%	0.649%
38	13.267	1686	1690	1695	rVB	362263	505169	25.10%	3.098%
39	13.367	1697	1707	1714	rVB	1137015	1881877	93.49%	11.542%
40	13.555	1732	1739	1748	rBV2	437808	756672	37.59%	4.641%
41	13.790	1777	1779	1784	rVB5	41402	58377	2.90%	0.358%
42	13.943	1802	1805	1809	rBV5	27014	43738	2.17%	0.268%
43	14.078	1824	1828	1832	rVV6	45530	81144	4.03%	0.498%
44	14.119	1832	1835	1839	rVB4	51703	64902	3.22%	0.398%
45	14.207	1840	1850	1854	rVV2	323920	600732	29.84%	3.684%
46	14.248	1854	1857	1864	rVB3	89170	159777	7.94%	0.980%
47	14.331	1867	1871	1876	rVB2	61013	89516	4.45%	0.549%
48	14.389	1876	1881	1883	rBV6	25147	36862	1.83%	0.226%
49	14.419	1883	1886	1892	rVB5	34795	45846	2.28%	0.281%
50	14.489	1893	1898	1903	rBV9	20400	47520	2.36%	0.291%
51	14.571	1907	1912	1916	rVB5	49261	80177	3.98%	0.492%
52	14.624	1916	1921	1929	rVB2	233448	318919	15.84%	1.956%
53	14.701	1930	1934	1936	rVV4	35669	50098	2.49%	0.307%
54	14.748	1936	1942	1952	rVB	254310	440940	21.90%	2.704%
55	14.830	1952	1956	1961	rBV6	16229	25337	1.26%	0.155%
56	15.071	1993	1997	2003	rVB8	18465	38018	1.89%	0.233%
57	15.124	2003	2006	2011	rVV5	25971	34361	1.71%	0.211%
58	15.177	2013	2015	2019	rVB5	19262	23619	1.17%	0.145%
59	15.241	2021	2026	2033	rVV6	36464	77041	3.83%	0.472%
60	15.570	2080	2082	2088	rVB4	25292	29903	1.49%	0.183%
61	15.982	2143	2152	2157	rBV6	25977	55801	2.77%	0.342%
62	16.234	2189	2195	2206	rVB	845571	1246092	61.90%	7.642%
63	17.497	2403	2410	2418	rBV	314900	478742	23.78%	2.936%
64	18.379	2556	2560	2564	rVB3	36491	49244	2.45%	0.302%
65	19.648	2773	2776	2780	rVV5	20391	28876	1.43%	0.177%
66	20.036	2836	2842	2846	rVB8	20816	38622	1.92%	0.237%
67	20.106	2848	2854	2860	rVV	1631352	2013005	100.00%	12.346%
68	21.410	3072	3076	3082	rBV3	54266	89784	4.46%	0.551%
69	21.792	3135	3141	3148	rBV2	296540	501910	24.93%	3.078%
70	25.135	3701	3710	3711	rBV2	177051	348340	17.30%	2.136%

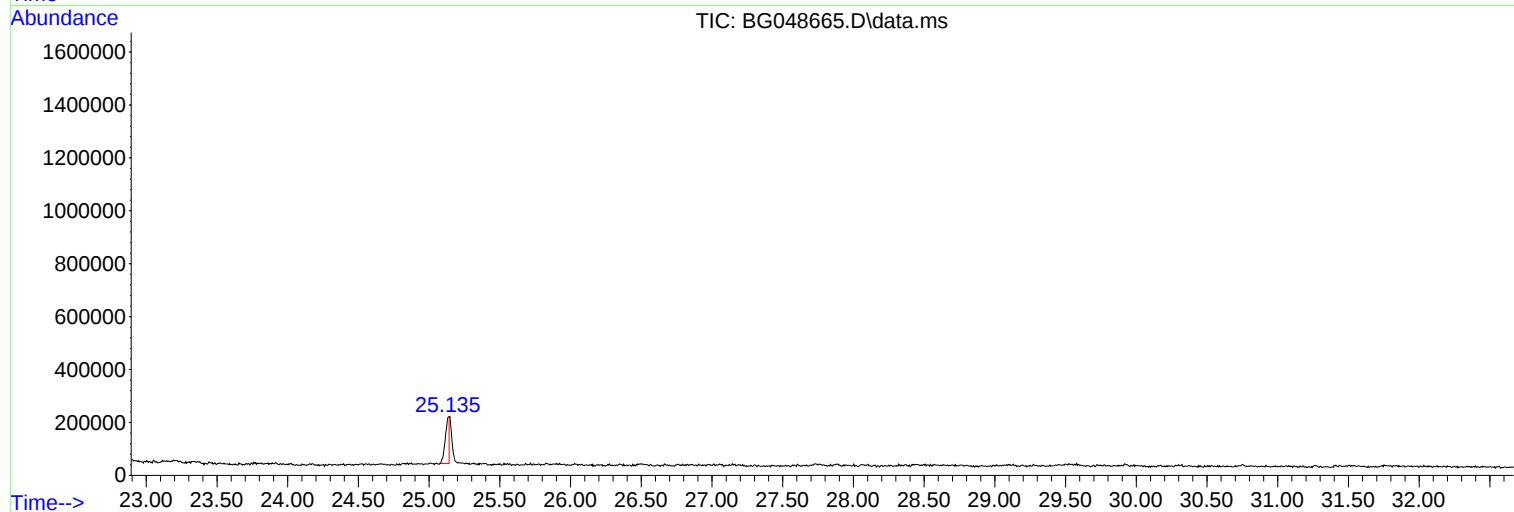
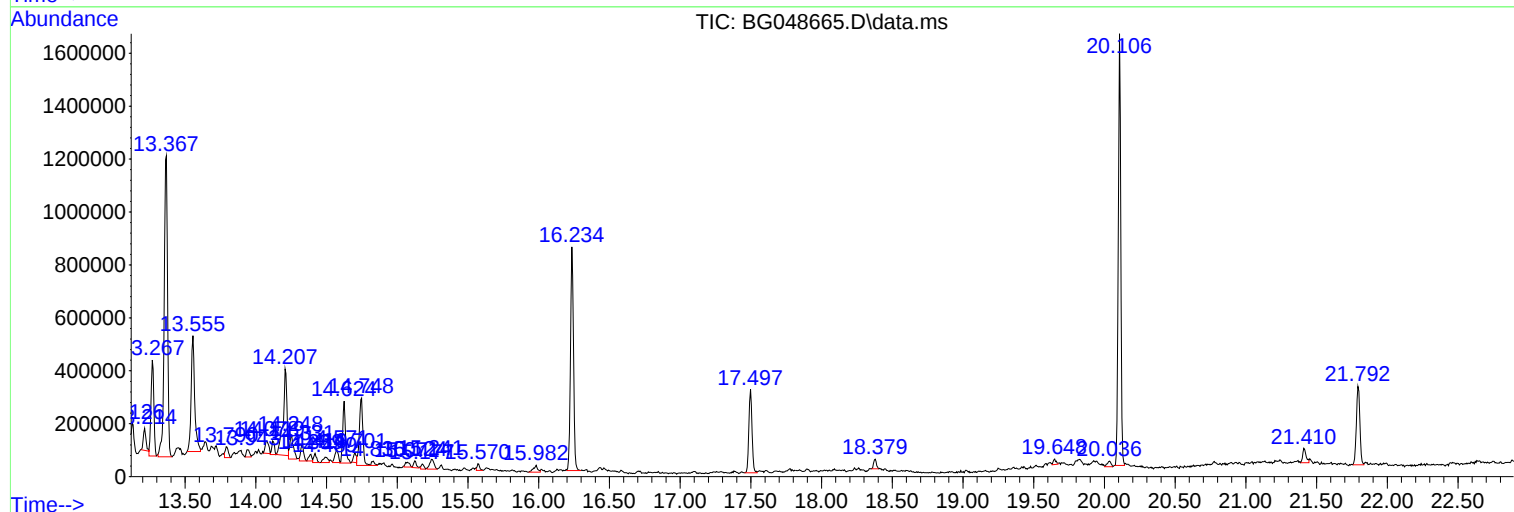
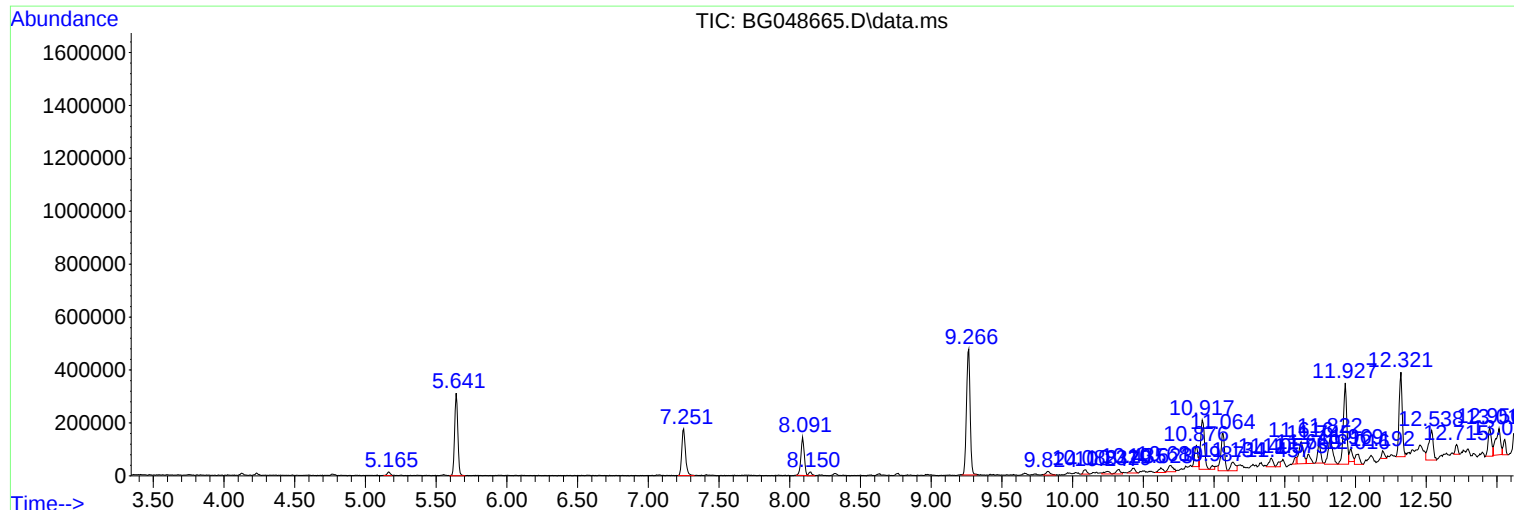
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BG048665.D
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Operator : CG/JU
Sample : M1946-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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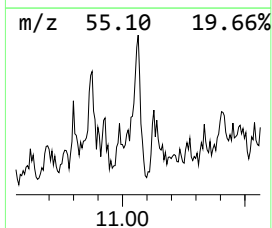
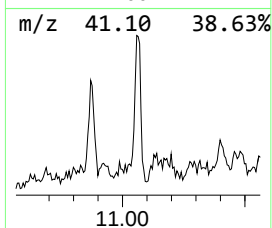
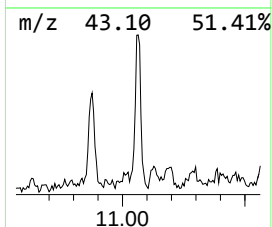
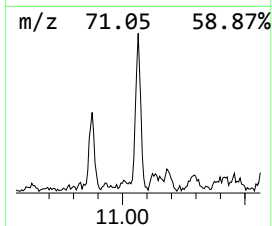
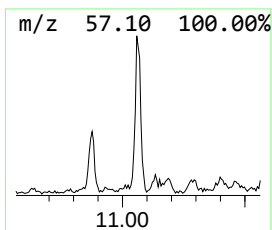
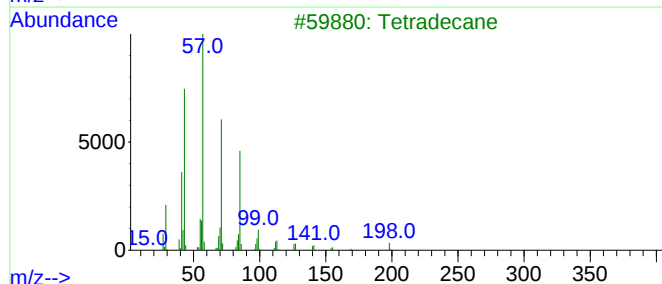
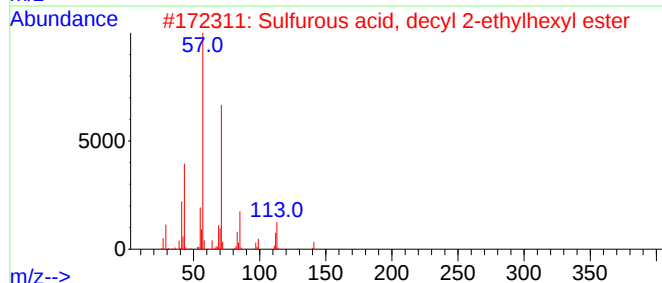
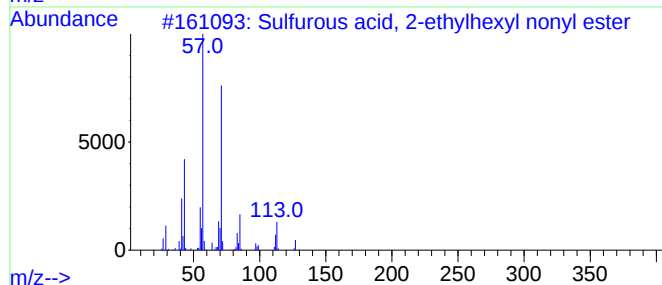
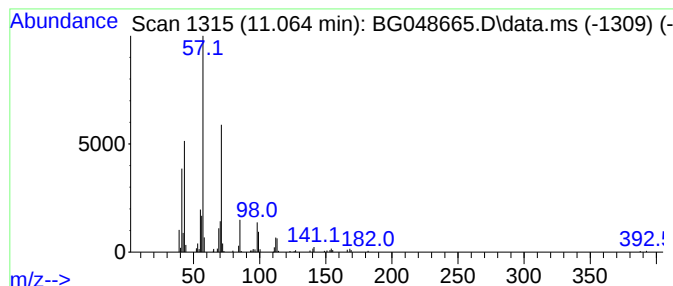
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.064	14.64 ng	253806	Naphthalene-d8	10.917

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3			Tetradecane	198	C14H30	000629-59-4	59
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



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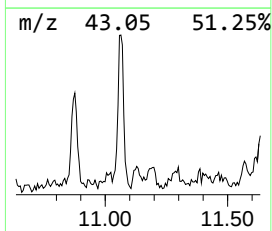
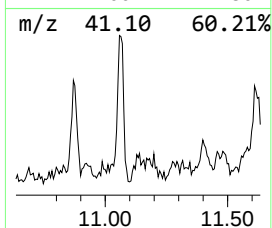
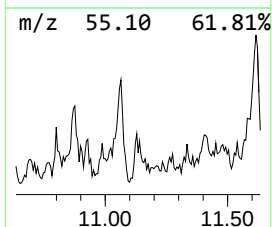
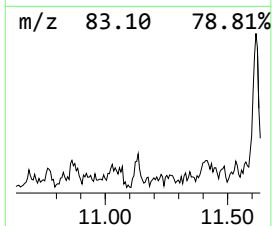
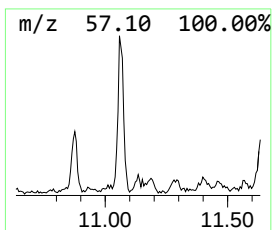
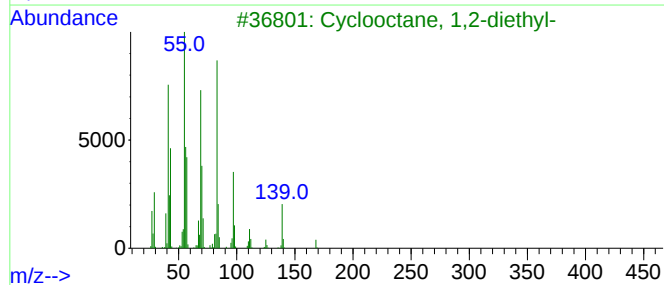
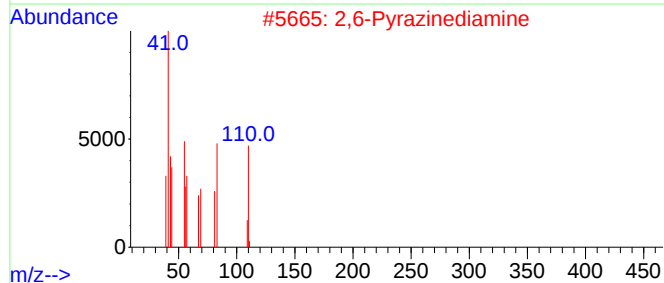
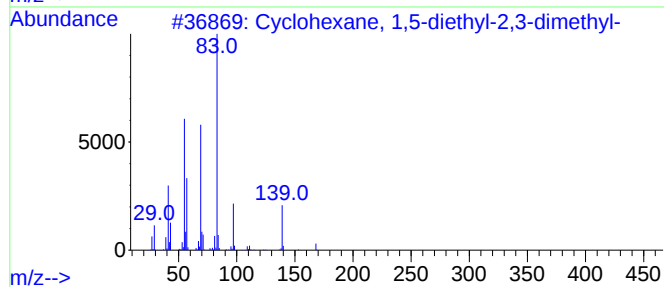
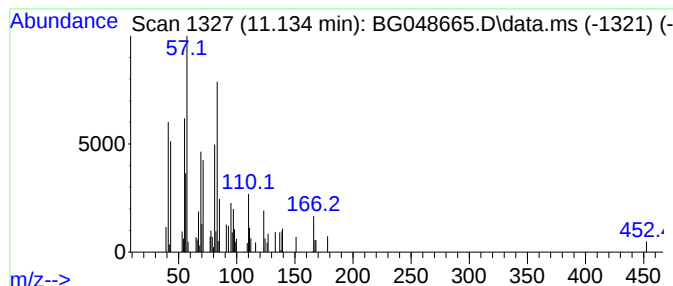
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown11.134 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.134	4.65 ng	80706	Naphthalene-d8	10.917

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,5-diethyl-2,3-dimethyl-	168	C12H24	074663-66-4	38
2			2,6-Pyrazinediamine	110	C4H6N4	041536-80-5	30
3			Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	27
4			2-Isopropyl-5-methylcyclohexylme...	170	C11H22O	1000223-18-0	27
5			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	22



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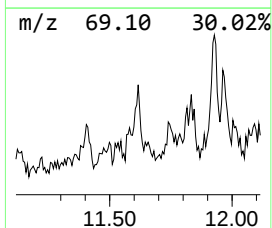
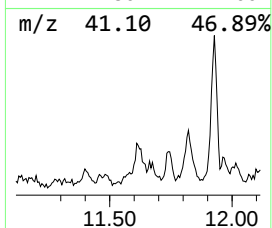
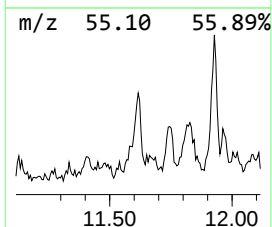
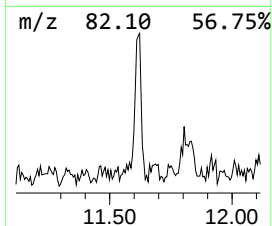
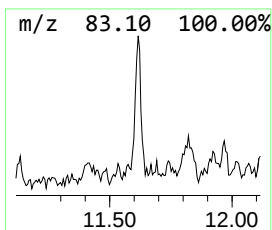
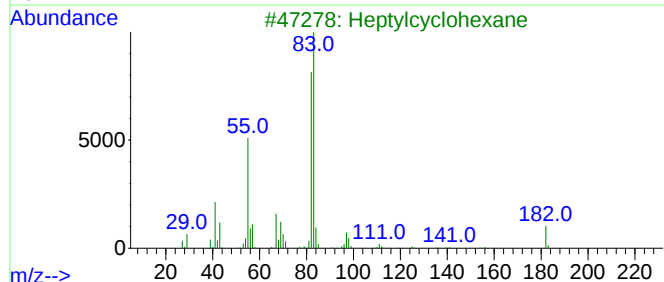
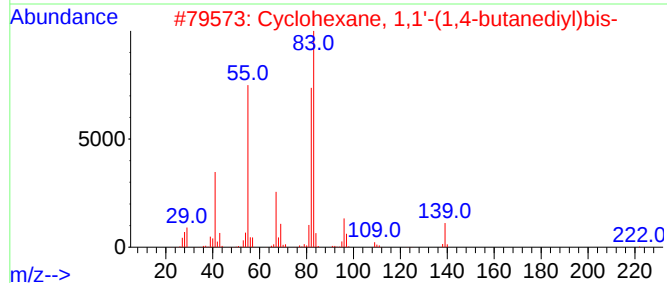
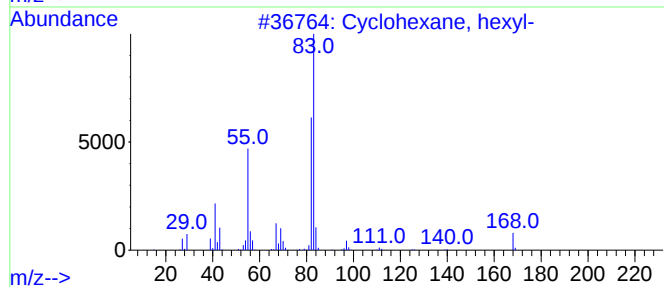
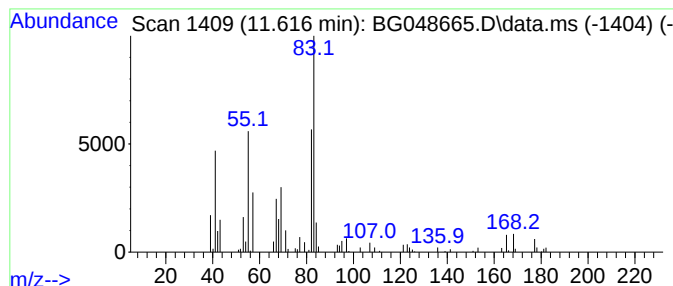
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	10.50 ng	182111	Naphthalene-d8	10.917

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
2			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	64
3			Heptylcyclohexane	182	C13H26	005617-41-4	59
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	59



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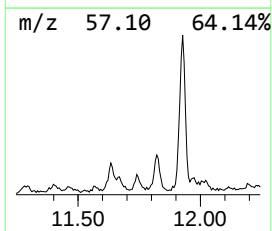
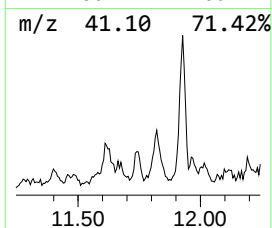
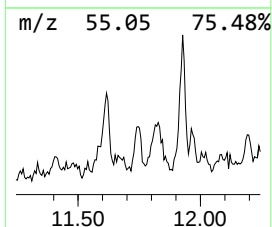
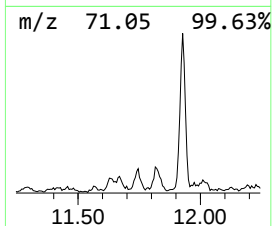
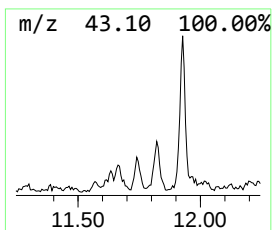
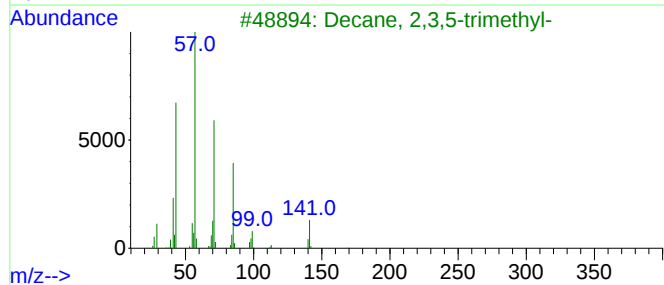
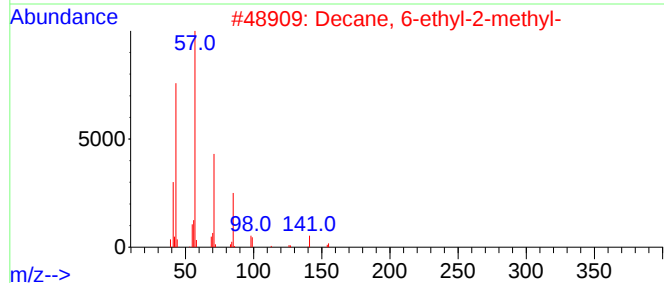
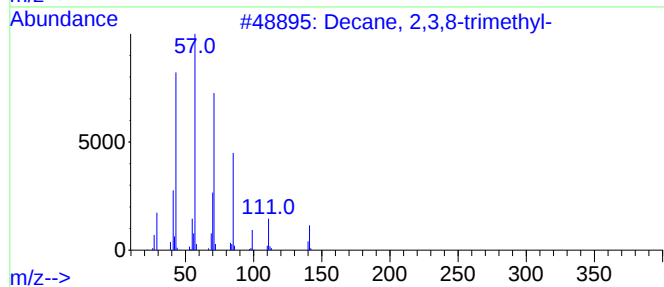
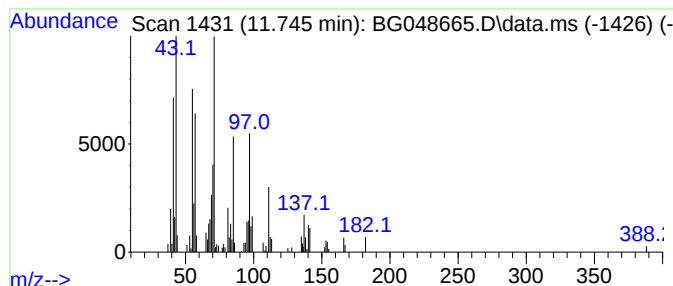
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,3,8-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	6.26 ng	108586	Naphthalene-d8	10.917

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
2			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	38
5			Octacosanol	410	C28H58O	000557-61-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
Operator : CG/JU
Sample : M1946-06
Misc :
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Instrument :
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ClientSampleId :
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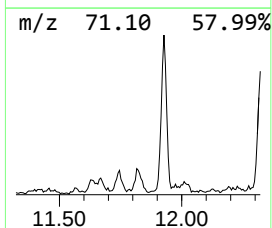
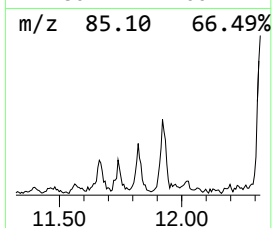
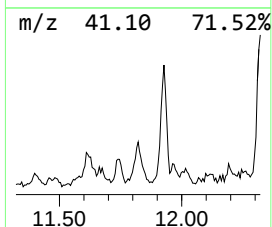
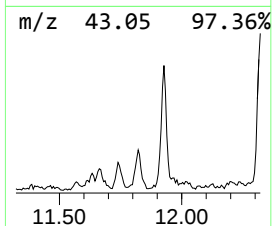
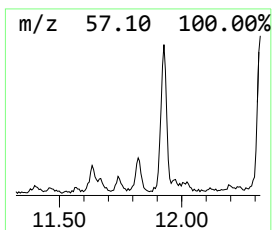
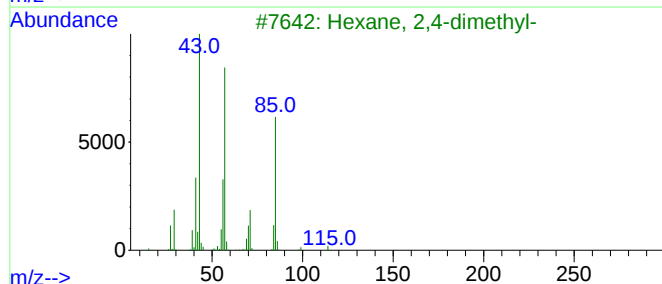
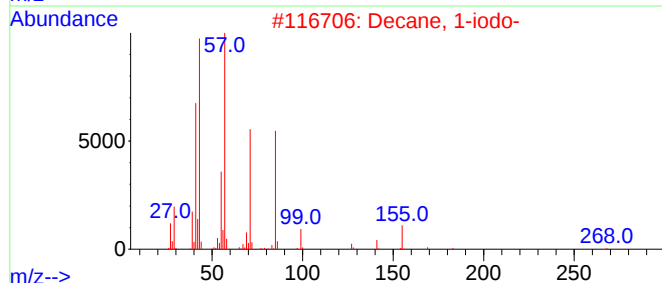
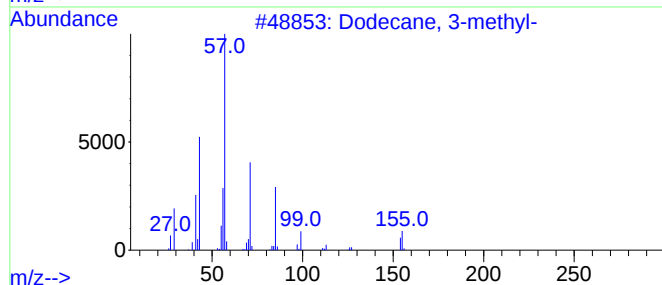
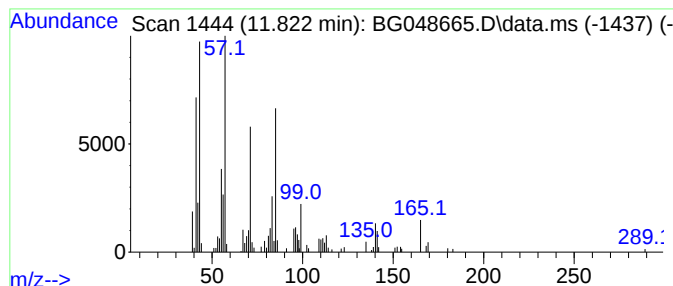
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown11.822 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	12.63 ng	219048	Naphthalene-d8	10.917

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
2			Decane, 1-iodo-	268	C10H21I	002050-77-3	43
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
4			9-methylheptadecane	254	C18H38	026741-18-4	38
5			5,15-Dimethylnonadecane	296	C21H44	1000131-09-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
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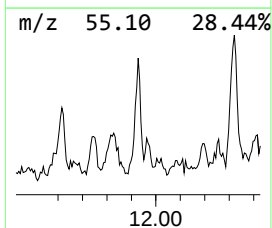
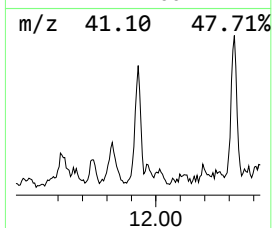
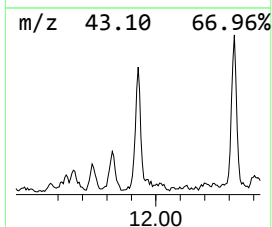
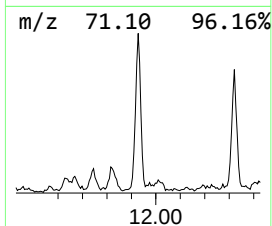
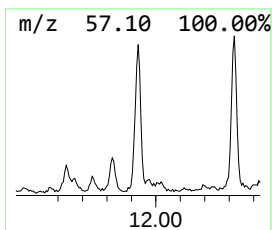
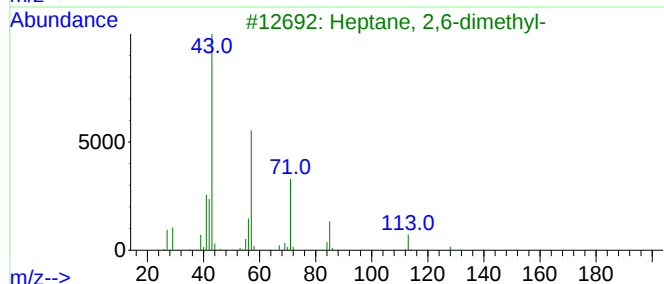
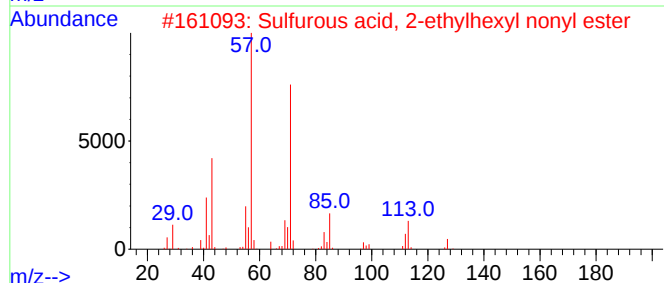
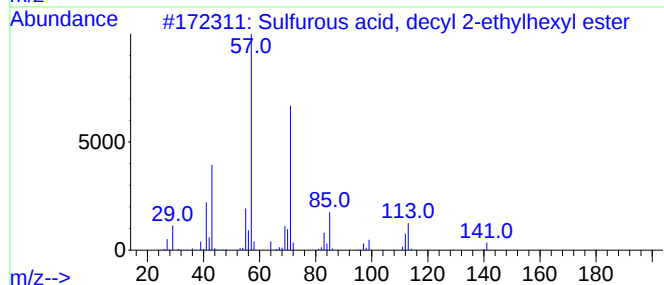
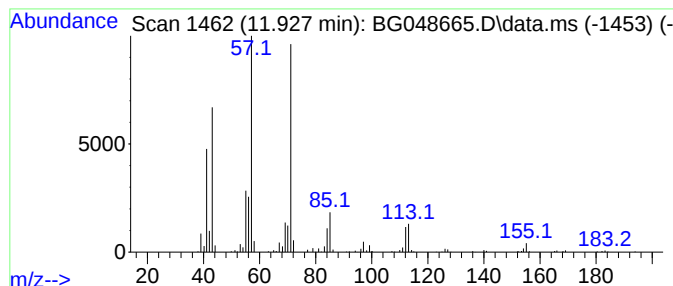
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Sulfurous acid, decyl 2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	29.59 ng	513178	Naphthalene-d8	10.917

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
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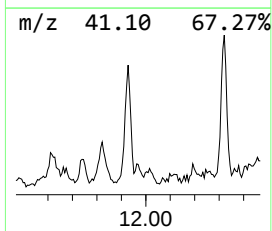
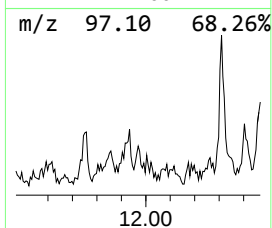
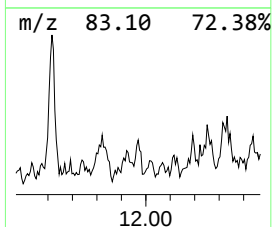
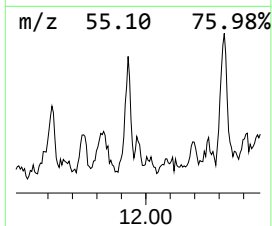
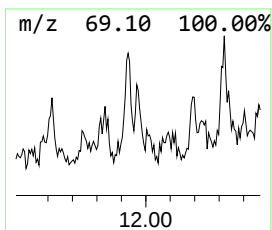
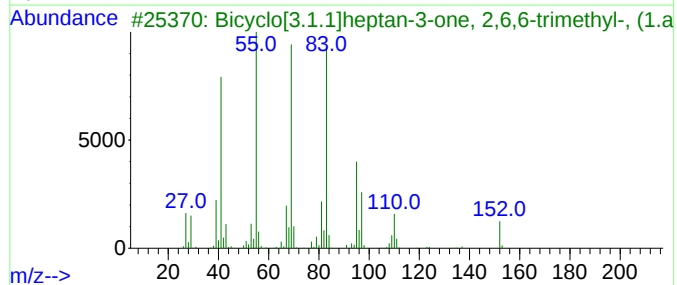
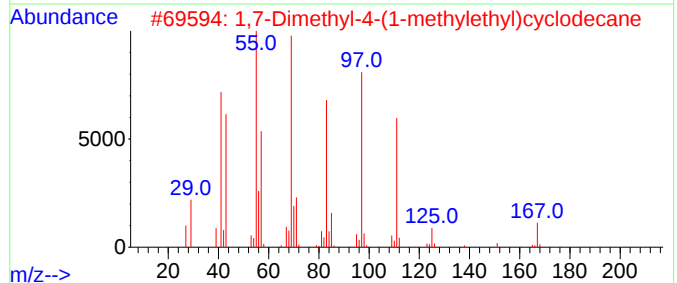
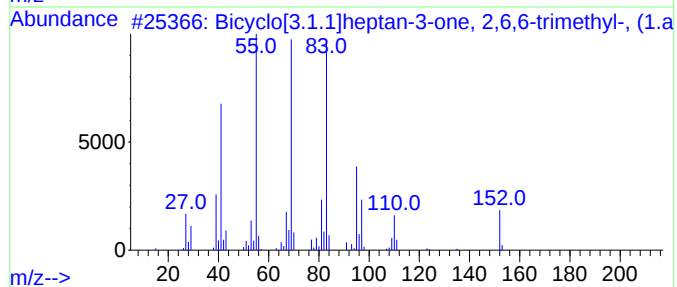
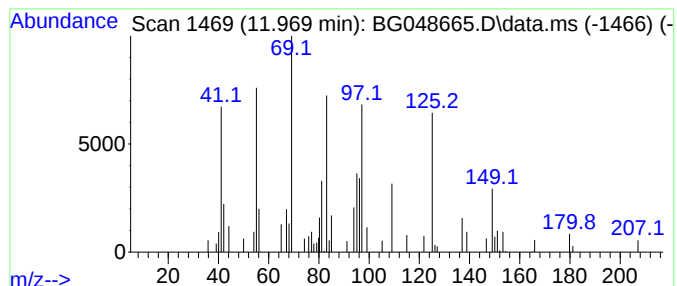
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown11.969 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	4.25 ng	73644	Naphthalene-d8	10.917

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
2			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
3			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
4			Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	38
5			1,2-Dodecanediol	202	C12H26O2	001119-87-5	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
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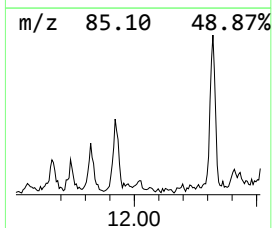
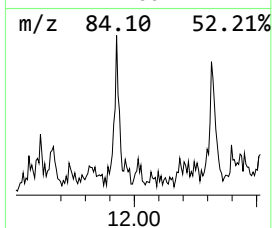
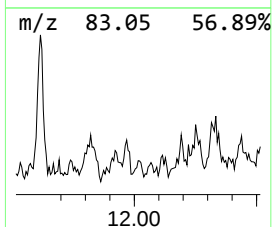
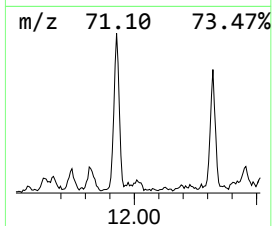
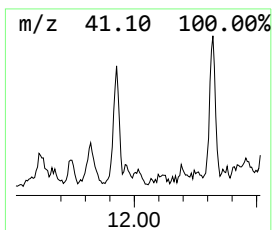
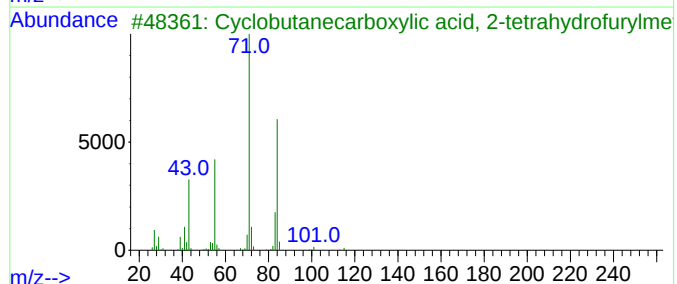
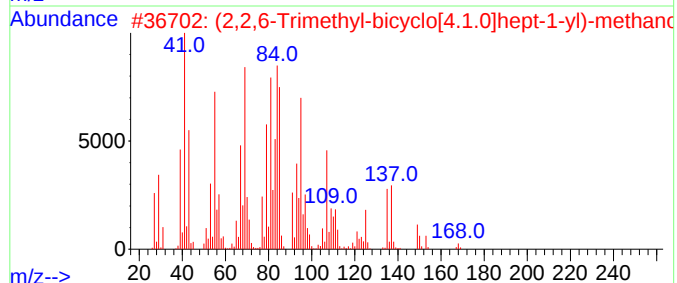
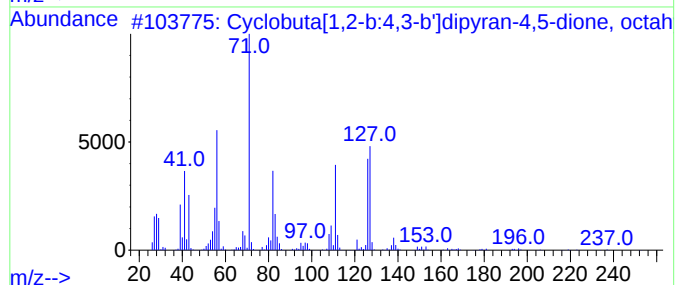
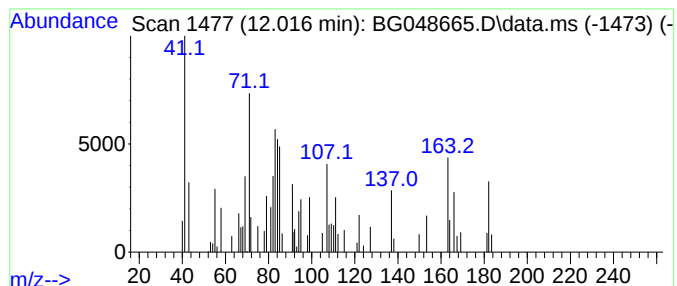
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown12.016 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	4.66 ng	80793	Naphthalene-d8	10.917

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobuta[1,2-b:4,3-b']dipyrans-4...	252	C14H20O4	054637-09-1	14
2			(2,2,6-Trimethyl-bicyclo[4.1.0]h...	168	C11H20O	078996-11-9	12
3			Cyclobutanecarboxylic acid, 2-te...	184	C10H16O3	1000282-21-9	12
4			trans-3-Penten-2-ol	86	C5H10O	003899-34-1	9
5			Cyclododecanone	182	C12H22O	000830-13-7	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
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ClientSampleId :
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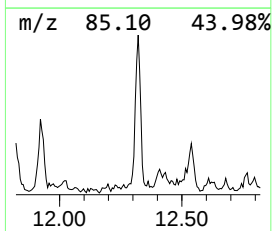
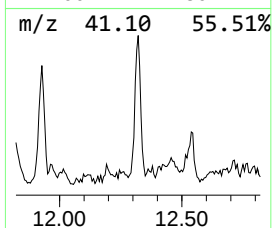
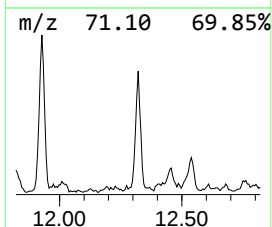
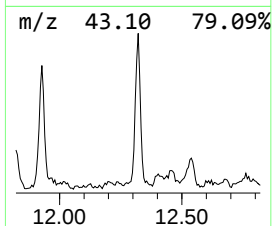
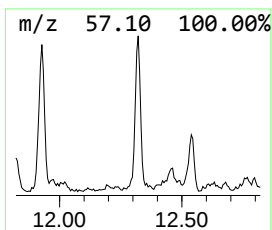
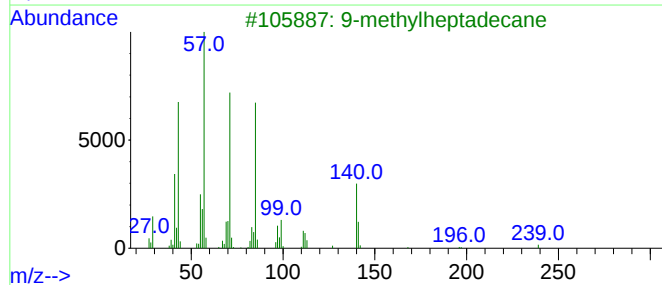
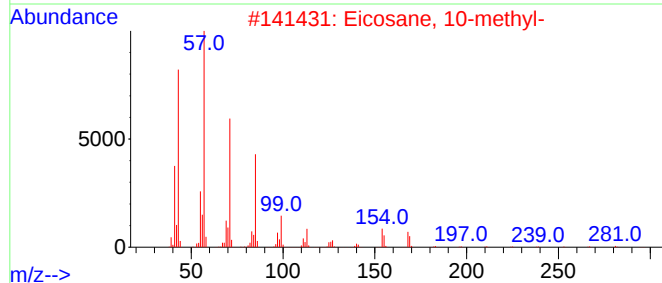
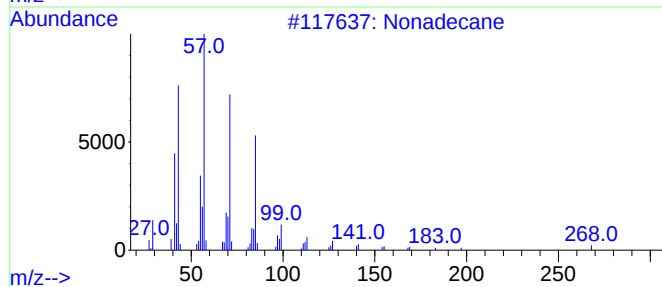
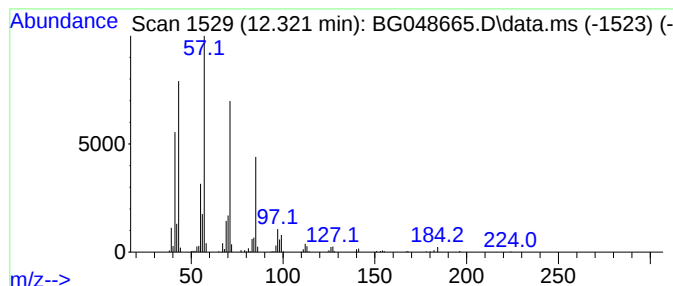
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.321	28.19 ng	488885	Naphthalene-d8	10.917

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
3			9-methylheptadecane	254	C18H38	026741-18-4	78
4			10-Methylnonadecane	282	C20H42	056862-62-5	78
5			Tridecane	184	C13H28	000629-50-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
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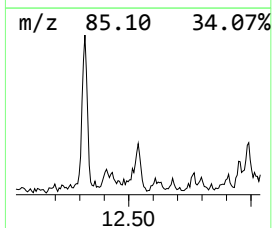
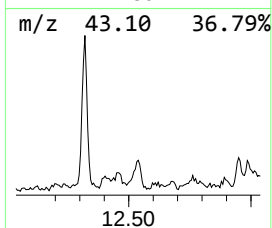
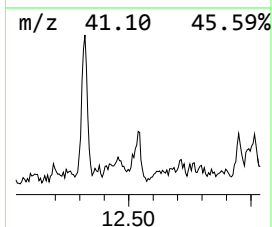
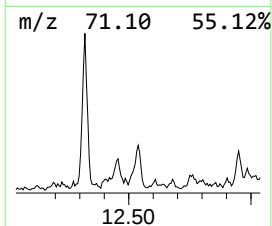
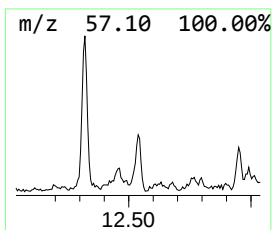
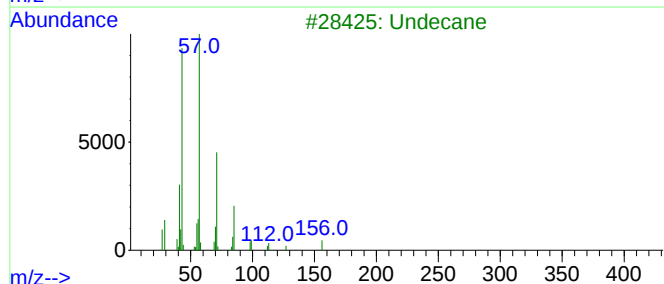
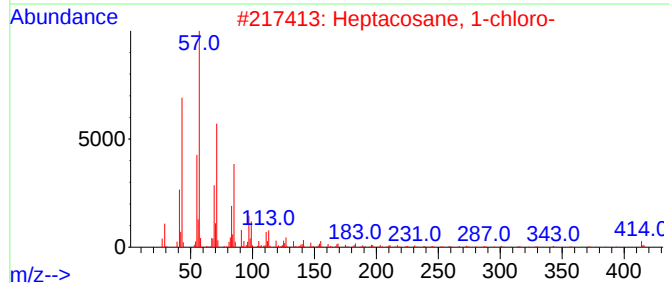
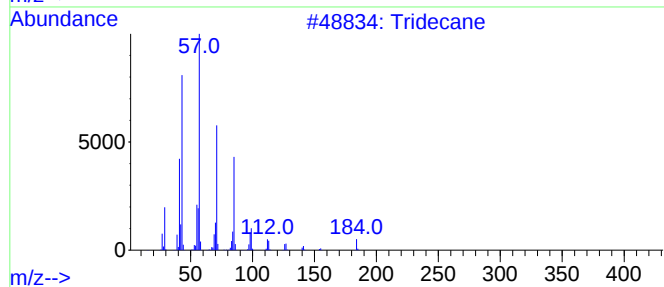
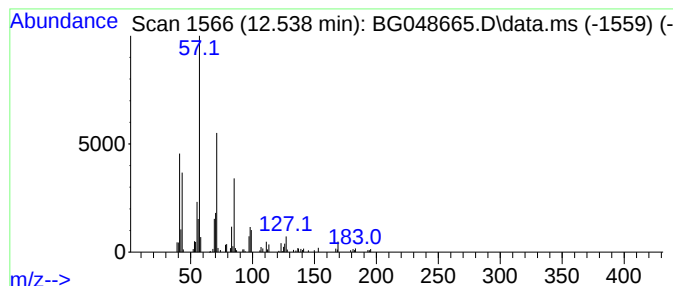
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	14.15 ng	245332	Naphthalene-d8	10.917

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	78
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
3		Undecane	156	C11H24	001120-21-4	64
4		Eicosane	282	C20H42	000112-95-8	64
5		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
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Sample : M1946-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

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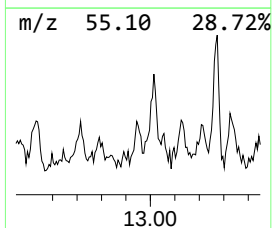
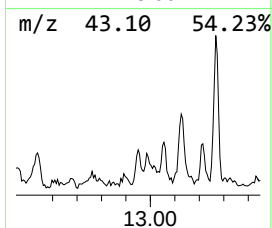
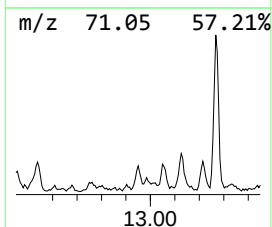
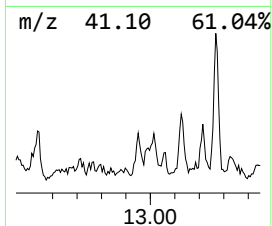
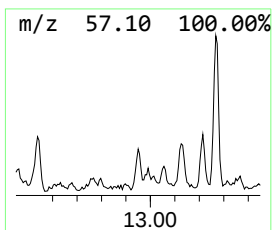
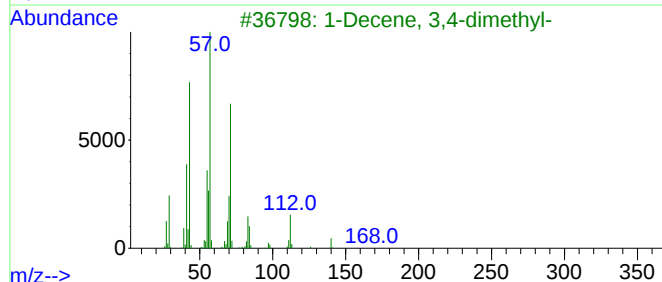
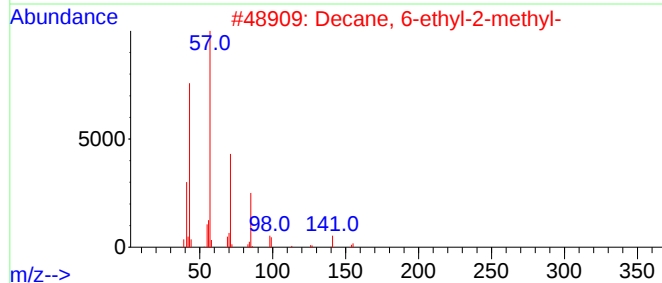
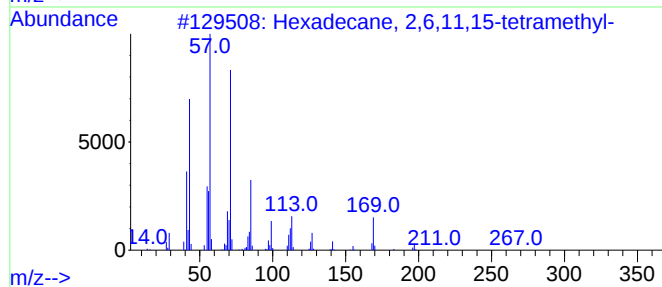
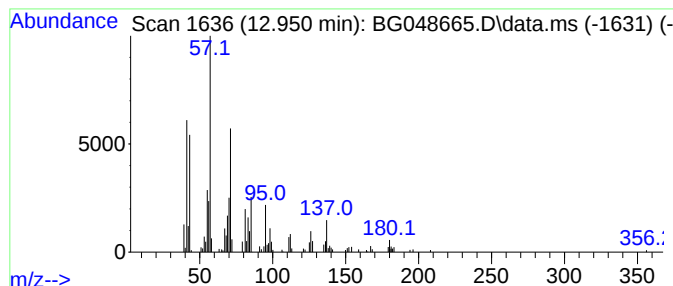
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.950 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	8.28 ng	182608	Acenaphthene-d10	14.742

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	47
2			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
3			1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	47
4			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	43
5			Heptane, 3-[(ethenyl)oxy)methyl]-	156	C10H20O	000103-44-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
Operator : CG/JU
Sample : M1946-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

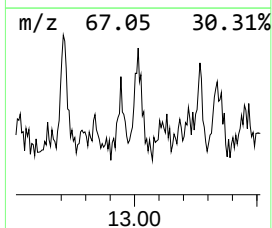
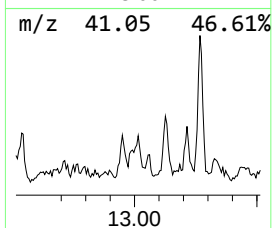
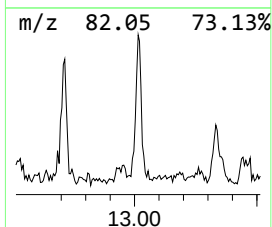
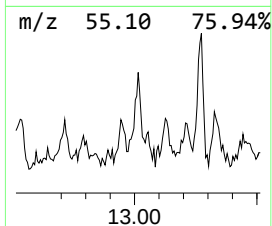
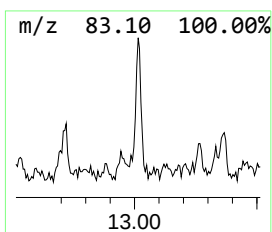
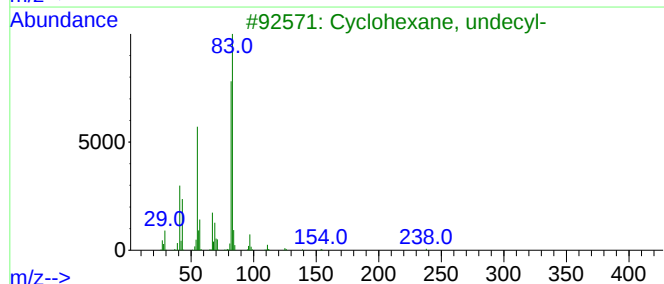
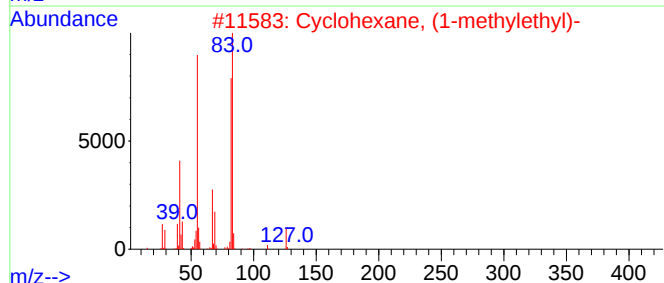
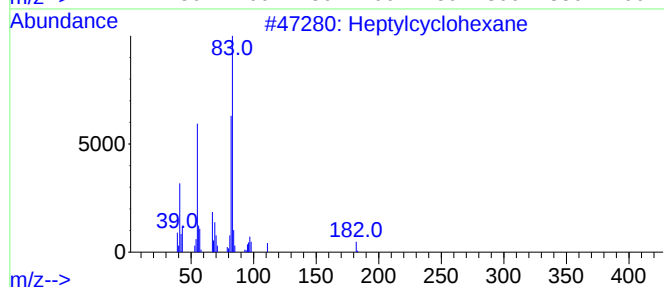
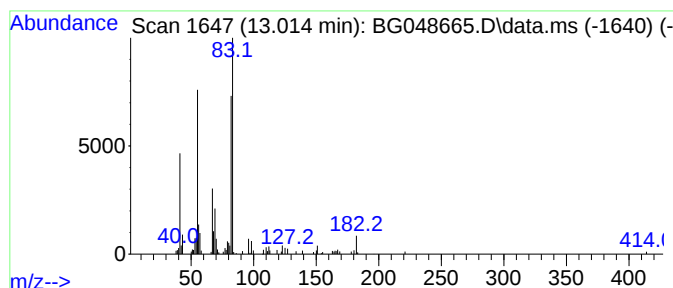
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptylcyclohexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.014	10.42 ng	229772	Acenaphthene-d10	14.742	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	80
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	78
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
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Sample : M1946-06
Misc :
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Instrument :
BNA_G
ClientSampleId :
FS-SB11

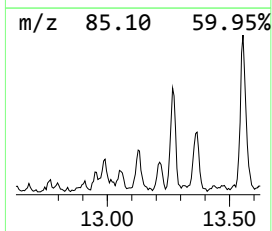
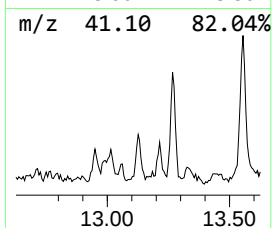
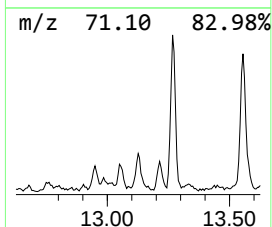
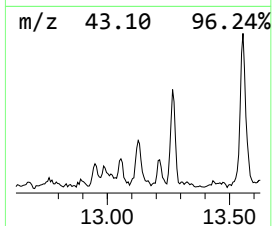
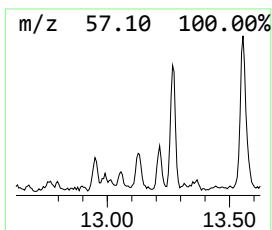
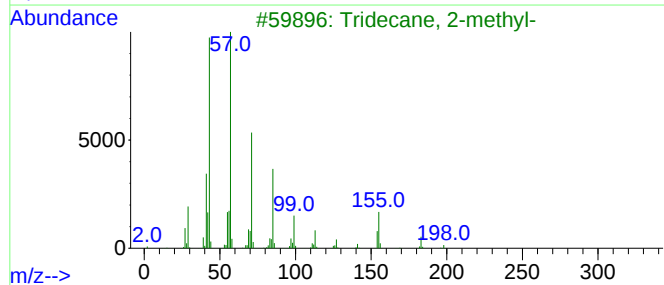
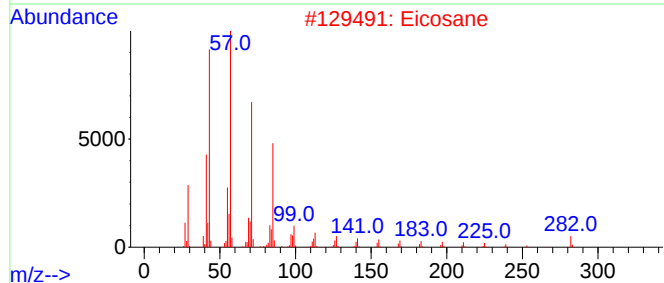
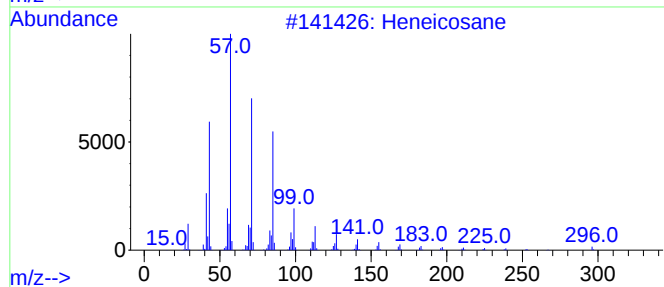
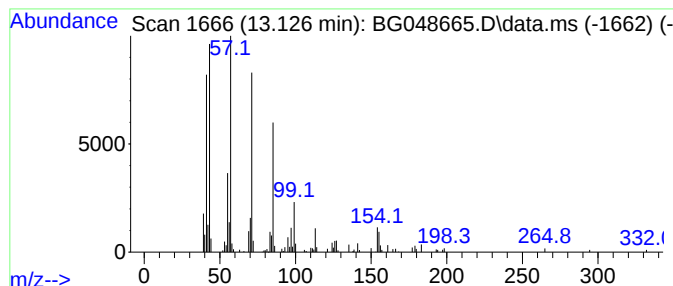
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.126	7.72 ng	170140	Acenaphthene-d10	14.742

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	86
2			Eicosane	282	C20H42	000112-95-8	83
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
4			Heptadecane	240	C17H36	000629-78-7	80
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
Operator : CG/JU
Sample : M1946-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

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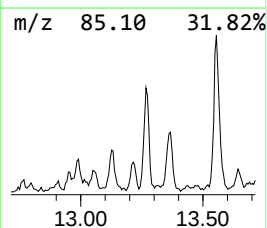
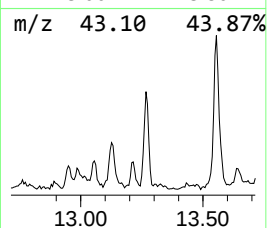
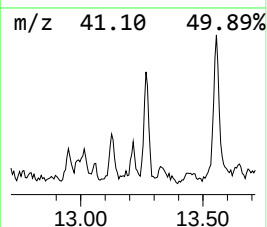
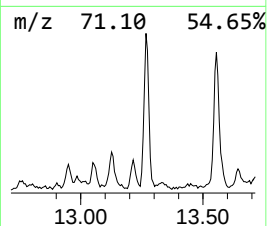
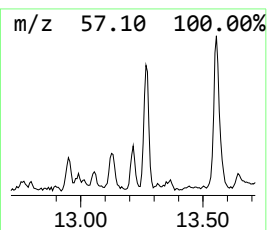
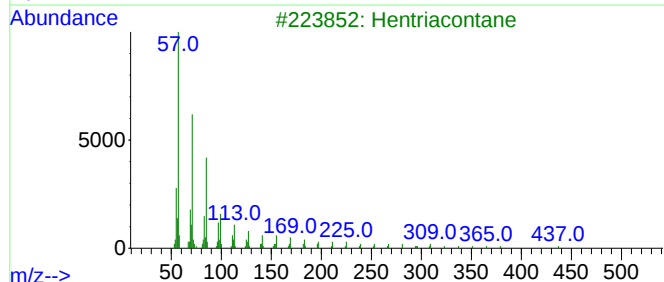
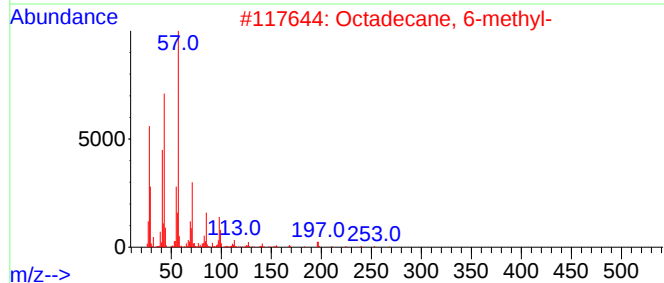
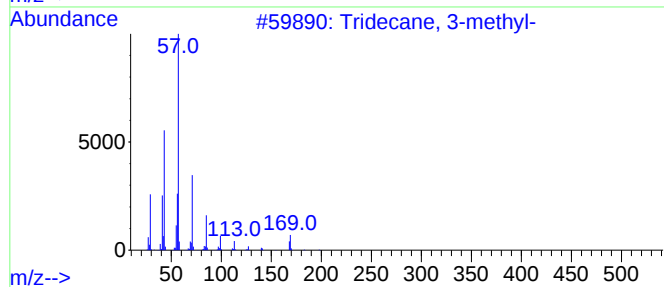
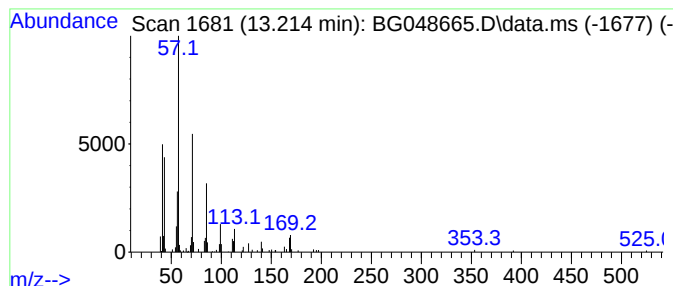
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.214	4.80 ng	105819	Acenaphthene-d10	14.742

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	78
2			Octadecane, 6-methyl-	268	C19H40	010544-96-4	72
3			Hentriacontane	437	C31H64	000630-04-6	72
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
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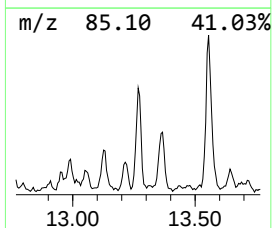
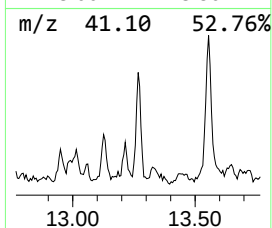
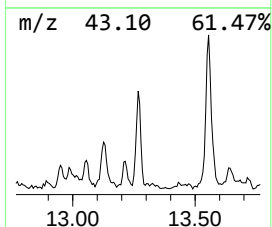
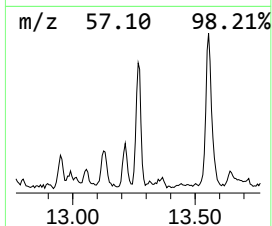
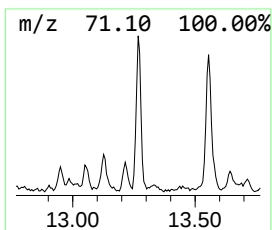
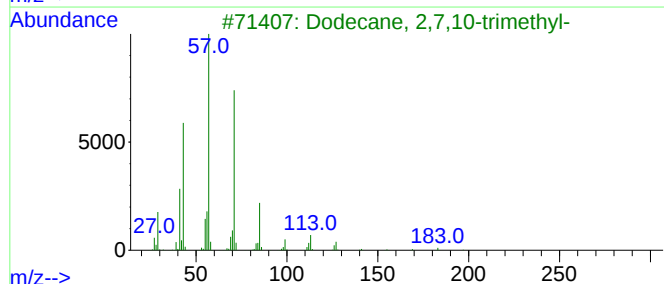
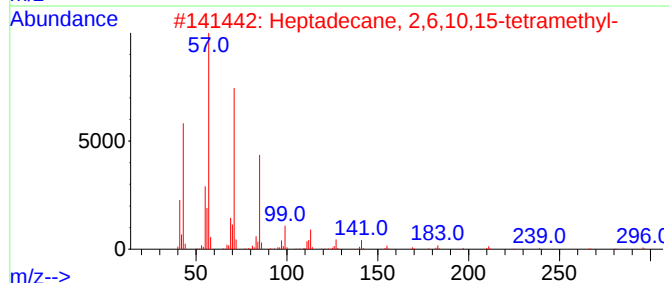
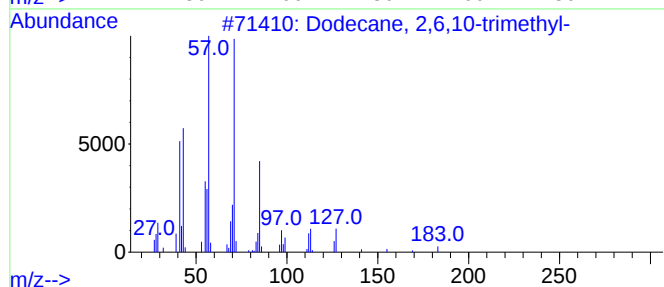
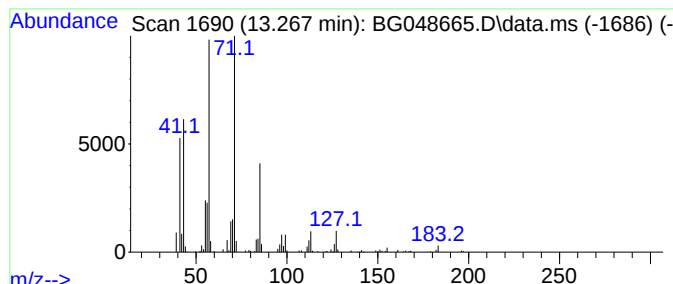
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.267	22.91 ng	505169	Acenaphthene-d10	14.742

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
4		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	53
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
Operator : CG/JU
Sample : M1946-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

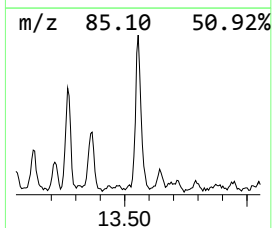
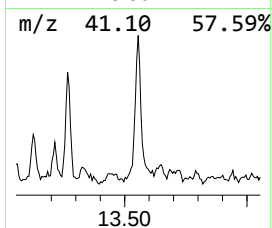
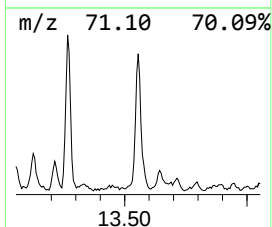
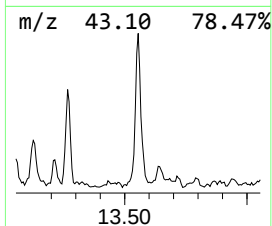
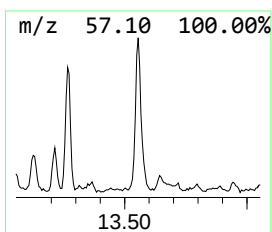
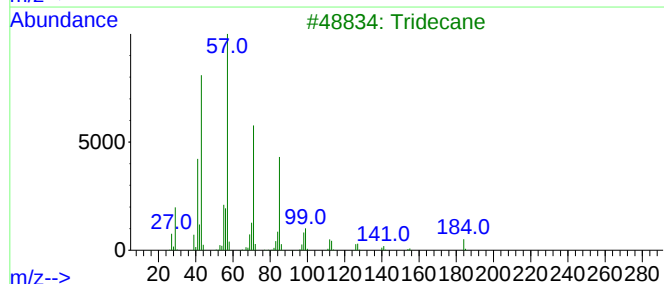
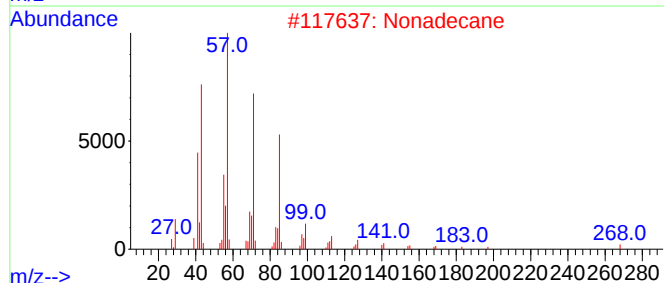
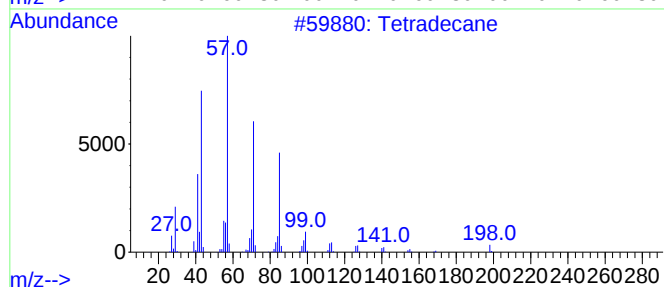
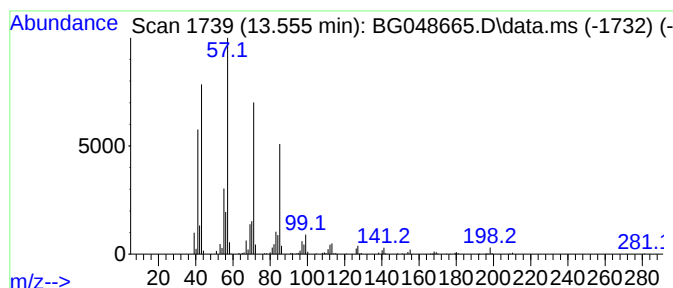
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.555	34.32 ng	756672	Acenaphthene-d10		14.742	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	96
2	Nonadecane		268	C19H40	000629-92-5	91
3	Tridecane		184	C13H28	000629-50-5	91
4	Hexadecane		226	C16H34	000544-76-3	80
5	Pentadecane		212	C15H32	000629-62-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
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Acq On : 12 Apr 2021 17:52
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ClientSampleId :
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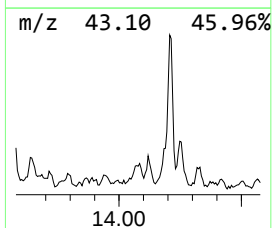
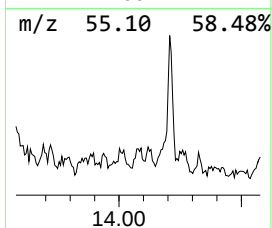
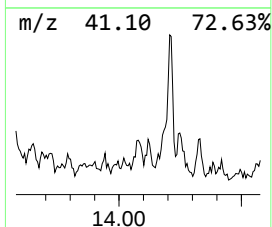
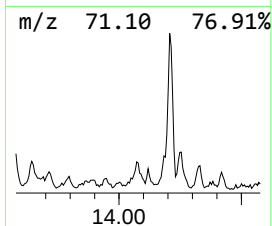
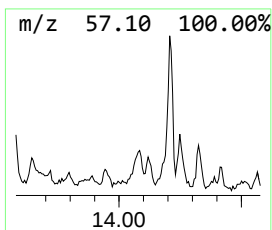
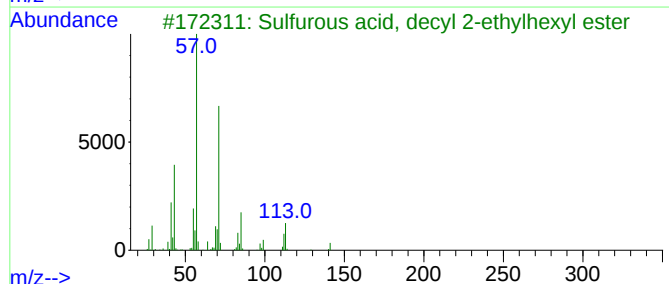
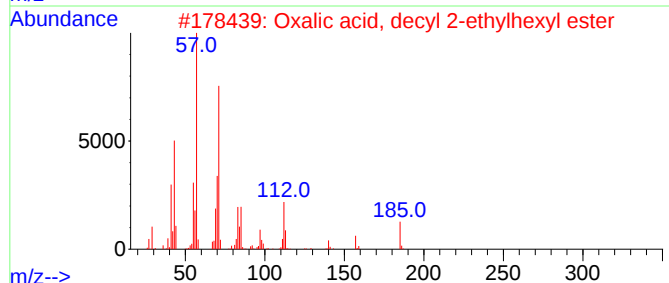
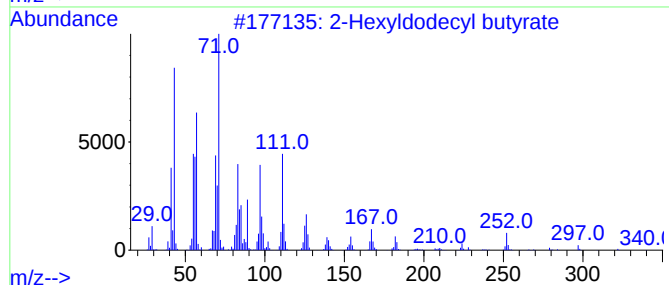
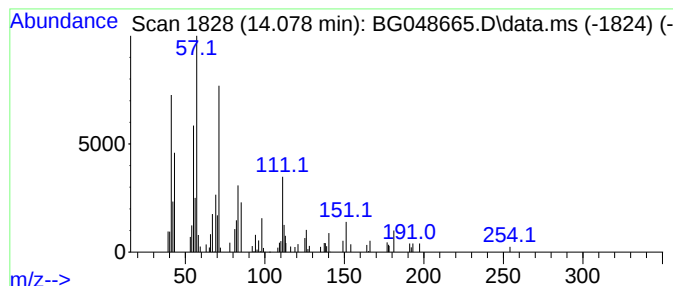
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2-Hexyldodecyl butyrate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.078	3.68 ng	81144	Acenaphthene-d10	14.742

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexyldodecyl butyrate	340	C22H44O2	1000368-56-1	64
2			Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	53
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	47
5			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
Operator : CG/JU
Sample : M1946-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

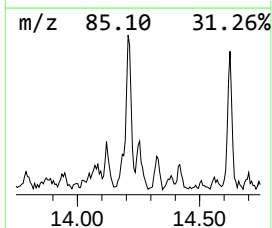
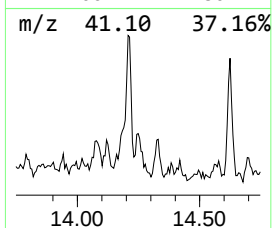
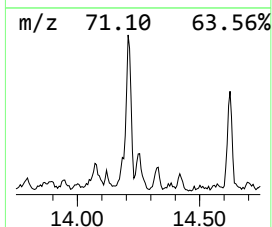
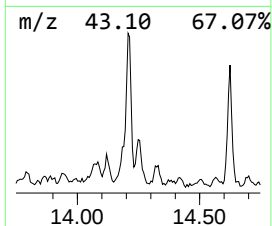
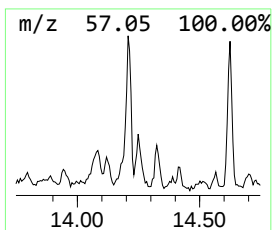
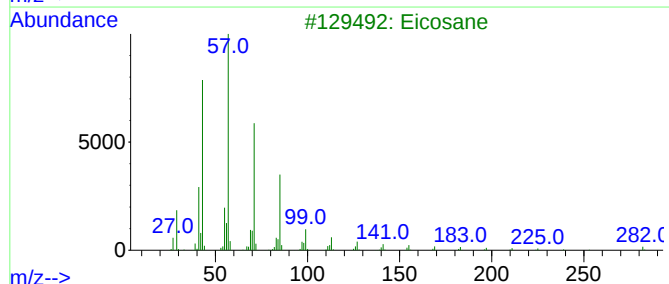
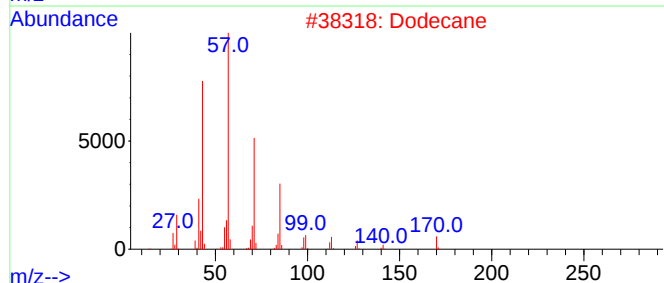
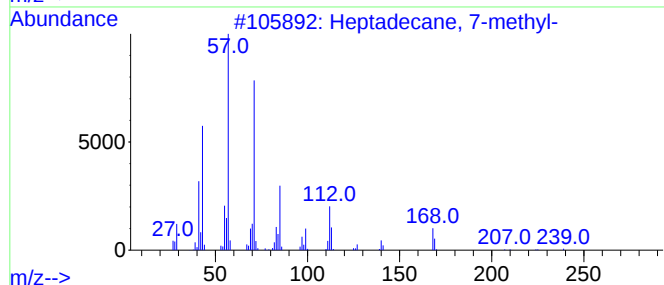
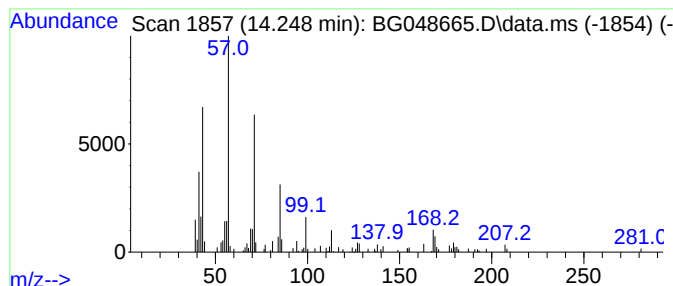
Instrument :
BNA_G
ClientSampleId :
FS-SB11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.248	7.25 ng	159777	Acenaphthene-d10	14.742	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
2	Dodecane	170	C12H26	000112-40-3	76
3	Eicosane	282	C20H42	000112-95-8	74
4	Heneicosane	296	C21H44	000629-94-7	74
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
Operator : CG/JU
Sample : M1946-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB11

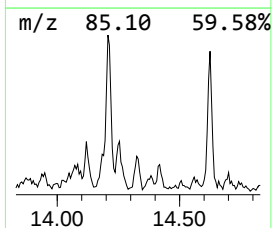
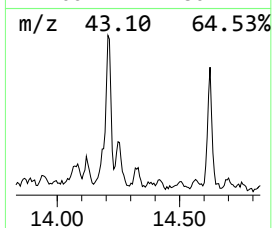
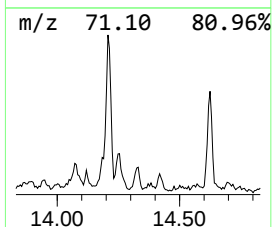
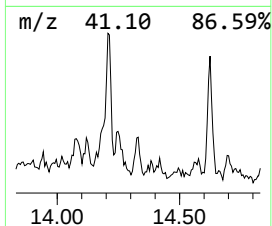
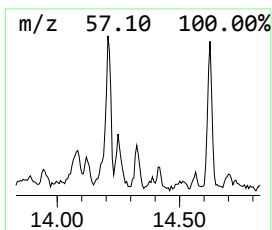
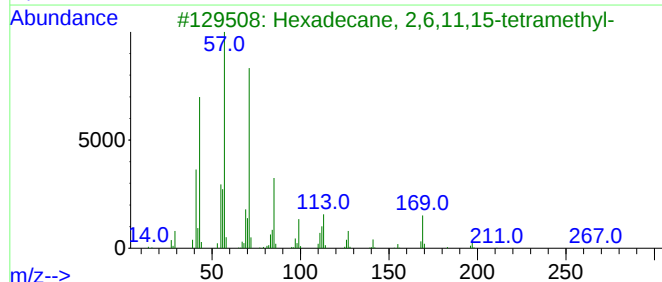
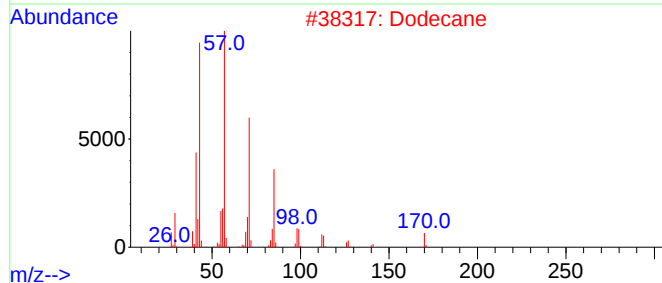
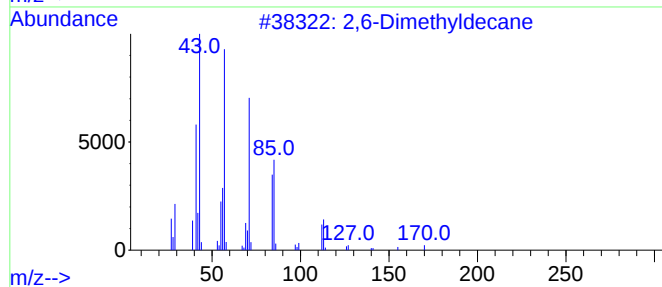
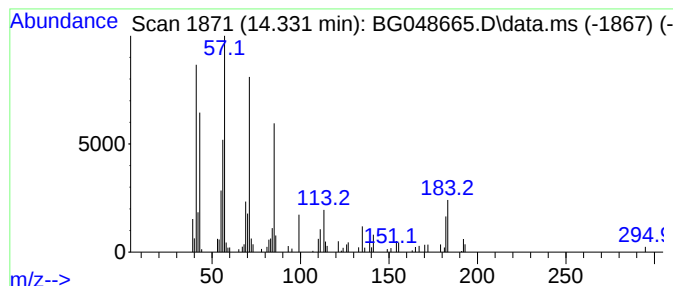
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2,6-Dimethyldecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.331	4.06 ng	89516	Acenaphthene-d10	14.742

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	58	
2	Dodecane	170	C12H26	000112-40-3	49	
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	49	
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47	
5	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	46	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
Operator : CG/JU
Sample : M1946-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB11

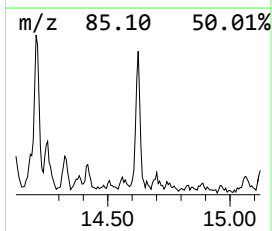
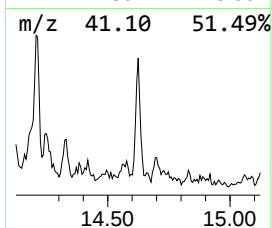
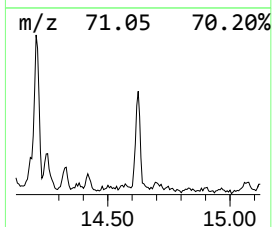
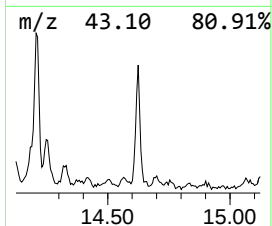
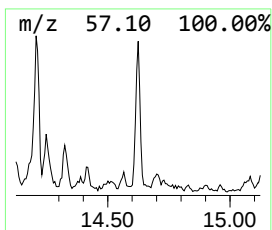
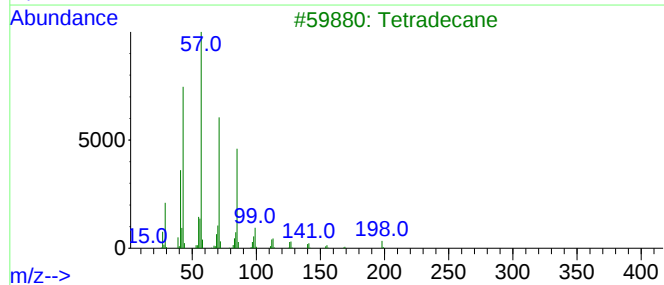
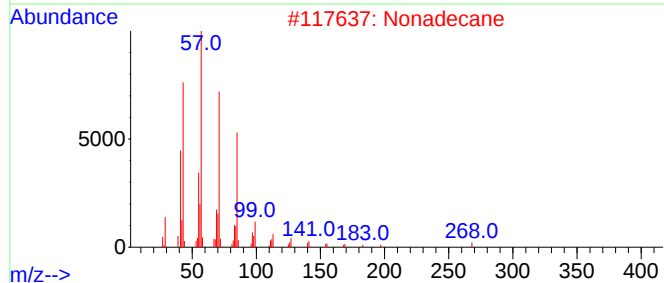
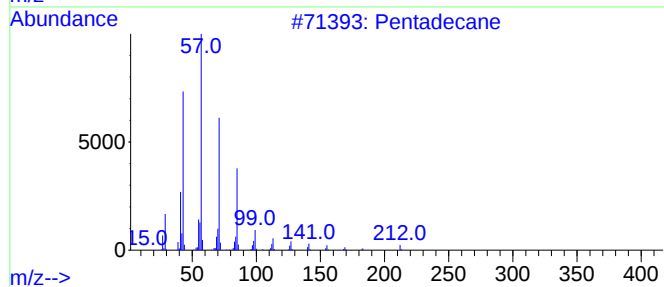
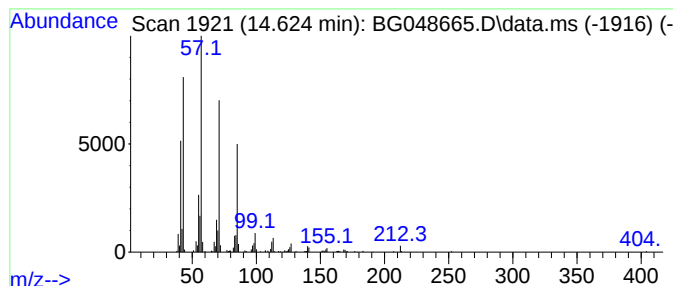
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.624	14.47 ng	318919	Acenaphthene-d10	14.742

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	94
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tetradecane	198	C14H30	000629-59-4	87
4		Tridecane	184	C13H28	000629-50-5	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048665.D
Acq On : 12 Apr 2021 17:52
Operator : CG/JU
Sample : M1946-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid,...	11.064	14.6	ng	253806	2	10.917	346809	20.0
unknown11.134	11.134	4.7	ng	80706	2	10.917	346809	20.0
Cyclohexane, he...	11.616	10.5	ng	182111	2	10.917	346809	20.0
Decane, 2,3,8-t...	11.745	6.3	ng	108586	2	10.917	346809	20.0
unknown11.822	11.822	12.6	ng	219048	2	10.917	346809	20.0
Sulfurous acid,...	11.927	29.6	ng	513178	2	10.917	346809	20.0
unknown11.969	11.969	4.3	ng	73644	2	10.917	346809	20.0
unknown12.016	12.016	4.7	ng	80793	2	10.917	346809	20.0
Nonadecane	12.321	28.2	ng	488885	2	10.917	346809	20.0
Tridecane	12.539	14.2	ng	245332	2	10.917	346809	20.0
unknown12.950	12.950	8.3	ng	182608	3	14.742	440940	20.0
Heptylcyclohexane	13.014	10.4	ng	229772	3	14.742	440940	20.0
Heneicosane	13.126	7.7	ng	170140	3	14.742	440940	20.0
Tridecane, 3-me...	13.214	4.8	ng	105819	3	14.742	440940	20.0
Dodecane, 2,6,1...	13.267	22.9	ng	505169	3	14.742	440940	20.0
Tetradecane	13.555	34.3	ng	756672	3	14.742	440940	20.0
2-Hexyldodecyl ...	14.078	3.7	ng	81144	3	14.742	440940	20.0
Heptadecane, 7-...	14.248	7.3	ng	159777	3	14.742	440940	20.0
2,6-Dimethyldecane	14.331	4.1	ng	89516	3	14.742	440940	20.0
Pentadecane	14.624	14.5	ng	318919	3	14.742	440940	20.0