

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048501.D
 Acq On : 25 Mar 2021 14:22
 Operator : CG/JU
 Sample : M1749-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB-15-11-13

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-BG031821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048501.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.180	306	313	321	rBV	30328	54300	1.80%	0.120%
2	5.650	386	393	401	rBV	1025554	1609196	53.21%	3.562%
3	7.254	657	666	679	rBV	1052452	1802228	59.59%	3.989%
4	8.100	800	810	816	rBV2	206141	369065	12.20%	0.817%
5	8.335	843	850	857	rBV2	35062	61399	2.03%	0.136%
6	8.641	897	902	915	rVB3	27111	66072	2.18%	0.146%
7	8.770	918	924	929	rBV	33762	55962	1.85%	0.124%
8	9.263	1000	1008	1017	rBV	625733	1116962	36.93%	2.473%
9	9.839	1101	1106	1111	rVB3	40076	64322	2.13%	0.142%
10	10.033	1134	1139	1145	rVB3	23704	37982	1.26%	0.084%
11	10.092	1145	1149	1156	rBV5	54359	106141	3.51%	0.235%
12	10.250	1172	1176	1183	rVB2	45315	79506	2.63%	0.176%
13	10.327	1183	1189	1195	rBV2	77201	159286	5.27%	0.353%
14	10.438	1200	1208	1213	rVB5	74240	161374	5.34%	0.357%
15	10.503	1213	1219	1224	rBV7	25375	68150	2.25%	0.151%
16	10.638	1234	1242	1246	rBV8	47242	114778	3.80%	0.254%
17	10.697	1247	1252	1261	rVV6	68738	174396	5.77%	0.386%
18	10.773	1261	1265	1268	rVV5	27898	44236	1.46%	0.098%
19	10.809	1268	1271	1274	rVV3	55457	94868	3.14%	0.210%
20	10.885	1278	1284	1287	rVV2	392206	713084	23.58%	1.579%
21	10.926	1287	1291	1298	rVB	273978	546620	18.07%	1.210%
22	11.073	1310	1316	1322	rVB	549560	950646	31.43%	2.104%
23	11.138	1322	1327	1334	rBV7	110365	296122	9.79%	0.656%
24	11.343	1358	1362	1366	rVB4	37414	49255	1.63%	0.109%
25	11.414	1369	1374	1379	rVB5	102175	191783	6.34%	0.425%
26	11.473	1379	1384	1386	rBV4	56691	108379	3.58%	0.240%
27	11.543	1392	1396	1398	rBV4	35539	51603	1.71%	0.114%
28	11.584	1399	1403	1404	rVV3	119737	161360	5.34%	0.357%
29	11.625	1405	1410	1415	rVV4	352965	827803	27.37%	1.832%
30	11.678	1416	1419	1425	rVV3	183727	345767	11.43%	0.765%
31	11.749	1426	1431	1437	rVV2	286283	538426	17.80%	1.192%
32	11.831	1440	1445	1453	rVV2	416752	830054	27.45%	1.837%
33	11.937	1455	1463	1467	rVV	1085803	1878824	62.13%	4.159%
34	11.972	1467	1469	1474	rVV3	174157	300805	9.95%	0.666%
35	12.025	1474	1478	1483	rVB4	125166	234910	7.77%	0.520%
36	12.201	1504	1508	1511	rBV3	103651	154246	5.10%	0.341%

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37	12.330	1524	1530	1536	rBV2	1194095	1894138	62.63%	4.193%
38	12.413	1541	1544	1547	rVV3	106587	208020	6.88%	0.460%
39	12.460	1550	1552	1560	rVV7	212469	468274	15.48%	1.037%
40	12.548	1560	1567	1572	rVB3	407298	844557	27.93%	1.870%
41	12.718	1593	1596	1601	rVB4	114379	159786	5.28%	0.354%
42	12.953	1631	1636	1640	rBV2	371282	630488	20.85%	1.396%
43	13.059	1651	1654	1658	rVB2	254627	332512	11.00%	0.736%
44	13.135	1662	1667	1673	rVV	460611	725418	23.99%	1.606%
45	13.218	1677	1681	1686	rVV	372665	590653	19.53%	1.307%
46	13.276	1686	1691	1696	rVB	1199784	1660899	54.92%	3.677%
47	13.364	1697	1706	1713	rVB	1292085	2268210	75.00%	5.021%
48	13.447	1716	1720	1727	rBV7	88648	243919	8.07%	0.540%
49	13.558	1733	1739	1749	rBV	1462666	2490665	82.36%	5.513%
50	13.646	1752	1754	1759	rVB3	144707	176522	5.84%	0.391%
51	13.799	1776	1780	1785	rVB3	129445	215591	7.13%	0.477%
52	13.946	1802	1805	1810	rVB2	111580	163516	5.41%	0.362%
53	13.993	1811	1813	1816	rBV3	47841	73815	2.44%	0.163%
54	14.081	1823	1828	1832	rBV3	182210	367793	12.16%	0.814%
55	14.122	1832	1835	1839	rVV2	202961	280948	9.29%	0.622%
56	14.216	1840	1851	1855	rVV	1146743	2227358	73.65%	4.931%
57	14.252	1855	1857	1866	rVV	328904	530514	17.54%	1.174%
58	14.328	1866	1870	1876	rVV	229483	320720	10.61%	0.710%
59	14.387	1877	1880	1883	rVV4	86523	120904	4.00%	0.268%
60	14.422	1883	1886	1891	rVB2	114084	156618	5.18%	0.347%
61	14.575	1908	1912	1916	rVB3	149032	234084	7.74%	0.518%
62	14.628	1916	1921	1929	rVB	738544	1053876	34.85%	2.333%
63	14.704	1929	1934	1936	rBV3	142688	231774	7.66%	0.513%
64	14.739	1936	1940	1947	rVB	423092	721756	23.87%	1.598%
65	14.827	1952	1955	1959	rBV5	45621	60096	1.99%	0.133%
66	14.963	1976	1978	1983	rVB5	38331	54531	1.80%	0.121%
67	15.062	1992	1995	1997	rBV2	62173	81669	2.70%	0.181%
68	15.127	2002	2006	2011	rVV2	98234	133858	4.43%	0.296%
69	15.180	2012	2015	2019	rVB4	58763	75146	2.48%	0.166%
70	15.245	2020	2026	2032	rVV5	117054	253725	8.39%	0.562%
71	15.309	2034	2037	2041	rVB	59115	76713	2.54%	0.170%
72	15.474	2059	2065	2071	rVB8	31021	65638	2.17%	0.145%
73	15.574	2079	2082	2087	rVB3	50436	65601	2.17%	0.145%
74	15.632	2088	2092	2097	rVV6	40069	77735	2.57%	0.172%
75	15.679	2097	2100	2107	rVB7	26854	59833	1.98%	0.132%
76	15.985	2144	2152	2156	rBV3	94072	198919	6.58%	0.440%

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77	16.079	2164	2168	2173	rVB2	33711	42327	1.40%	0.094%
78	16.132	2173	2177	2183	rBV5	23335	38375	1.27%	0.085%
79	16.226	2185	2193	2200	rVB	1335279	2089413	69.09%	4.625%
80	16.467	2230	2234	2241	rVB3	49948	91156	3.01%	0.202%
81	16.702	2270	2274	2280	rVB6	26924	47310	1.56%	0.105%
82	16.784	2283	2288	2291	rVV7	31772	54701	1.81%	0.121%
83	17.248	2361	2367	2371	rBV8	20732	40933	1.35%	0.091%
84	17.489	2402	2408	2412	rBV	476194	732700	24.23%	1.622%
85	17.530	2412	2415	2424	rVV	122918	208930	6.91%	0.462%
86	17.607	2424	2428	2435	rVB4	35288	76834	2.54%	0.170%
87	18.370	2553	2558	2563	rBV2	232425	312614	10.34%	0.692%
88	18.411	2563	2565	2573	rVB7	25227	42480	1.40%	0.094%
89	19.528	2750	2755	2765	rVB2	240671	525766	17.39%	1.164%
90	19.634	2769	2773	2779	rBV2	79516	113173	3.74%	0.251%
91	19.722	2785	2788	2792	rVB3	29908	35309	1.17%	0.078%
92	19.904	2814	2819	2827	rVB	145978	210563	6.96%	0.466%
93	20.098	2846	2852	2860	rVB	2419130	3024196	100.00%	6.695%
94	20.773	2963	2967	2971	rVB2	85080	99311	3.28%	0.220%
95	21.408	3070	3075	3086	rBV2	197719	383593	12.68%	0.849%
96	21.778	3130	3138	3144	rBV	509841	944146	31.22%	2.090%
97	21.825	3144	3146	3153	rVB	49492	67105	2.22%	0.149%
98	24.046	3520	3524	3531	rVB2	23665	52472	1.74%	0.116%
99	24.933	3672	3675	3686	rVB3	34155	97265	3.22%	0.215%
100	25.110	3696	3705	3718	rVB	285335	826921	27.34%	1.831%

Sum of corrected areas: 45174295

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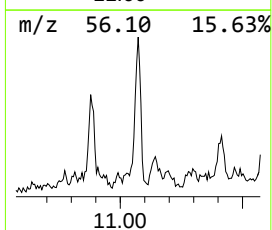
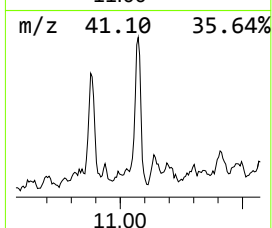
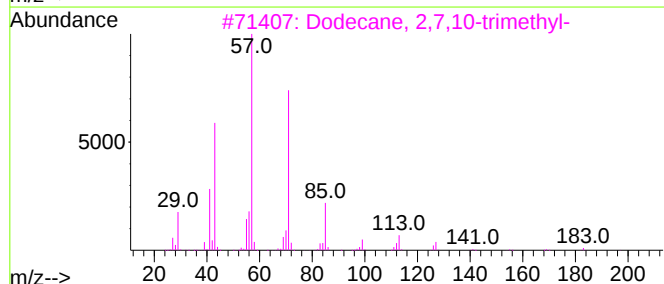
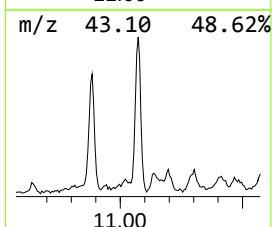
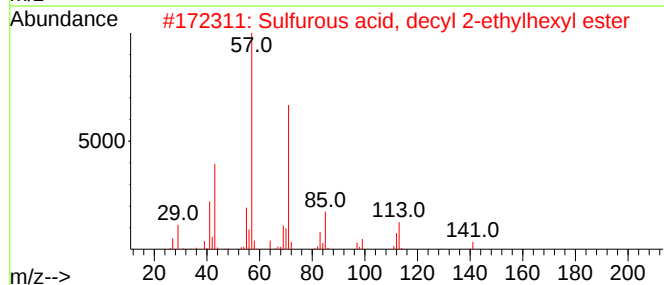
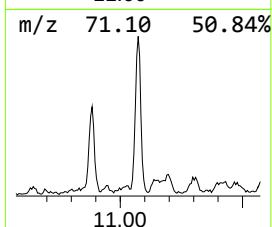
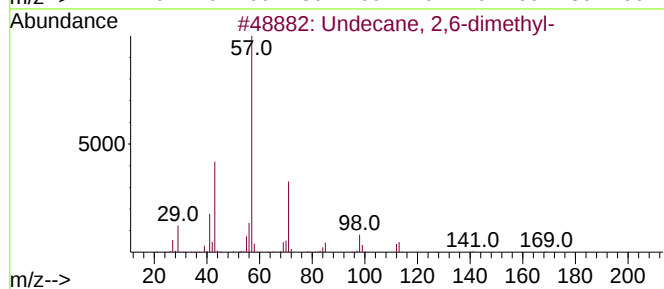
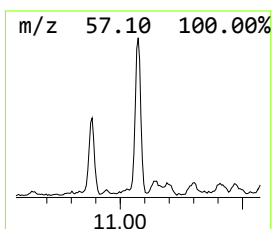
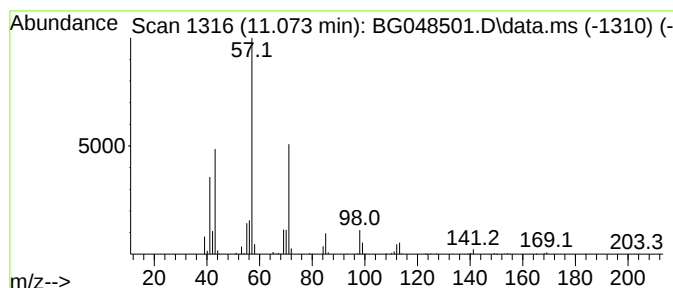
Instrument :
BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.073	34.78 ng	950646	Naphthalene-d8	10.920	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
5	Hexadecane	226	C16H34	000544-76-3	53



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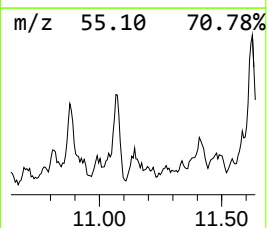
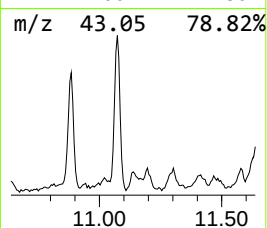
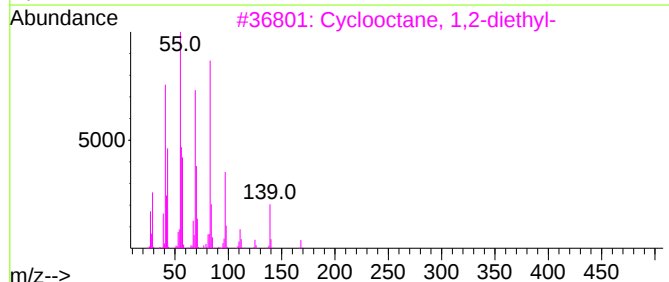
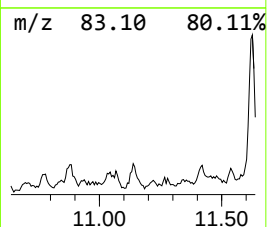
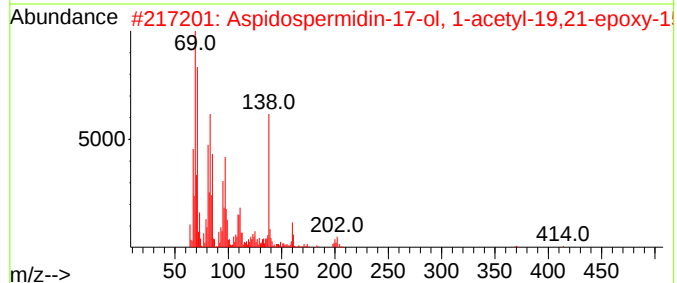
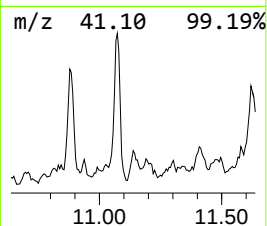
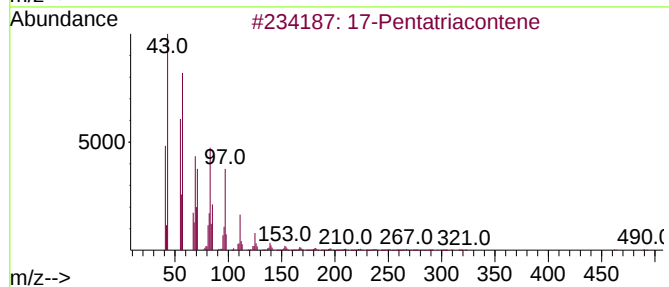
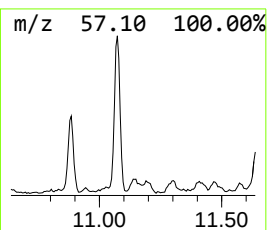
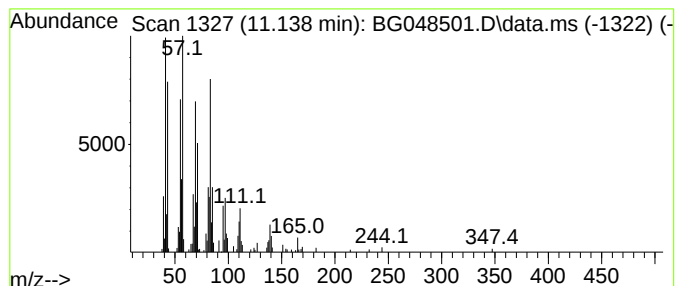
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 17-Pentatriacontene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.138	10.83 ng	296122	Naphthalene-d8	10.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	74
2			Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	53
3			Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	50
4			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	46
5			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	43



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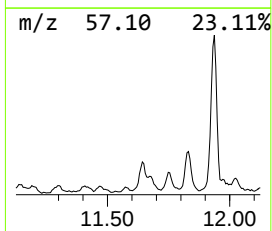
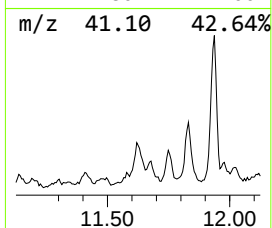
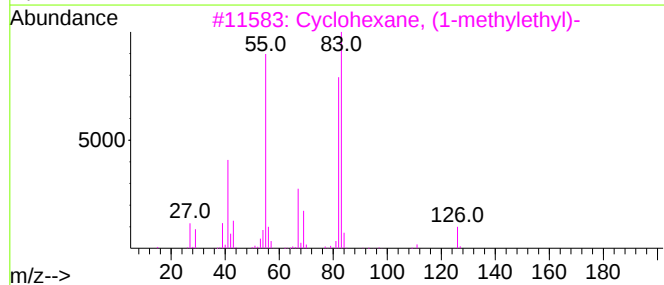
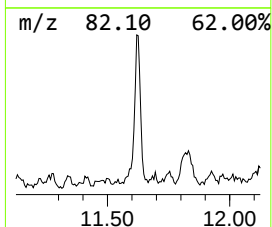
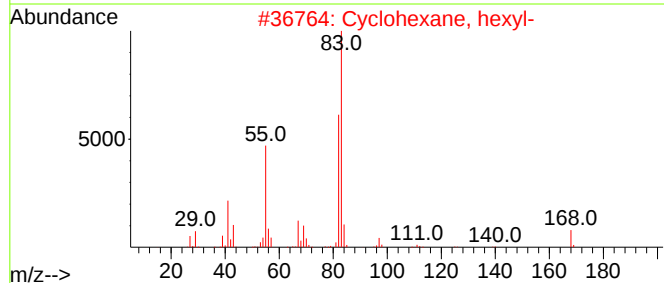
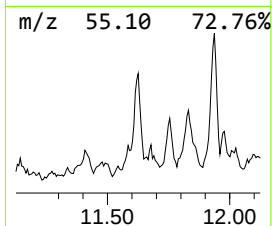
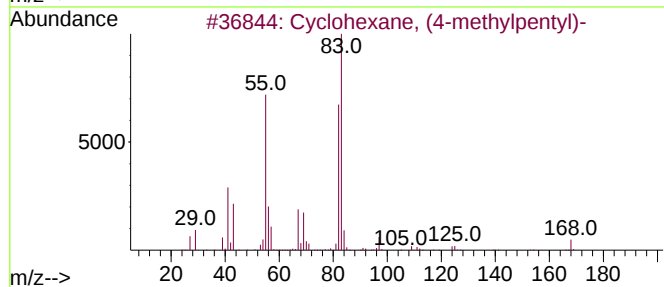
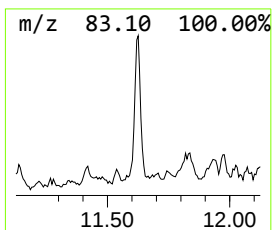
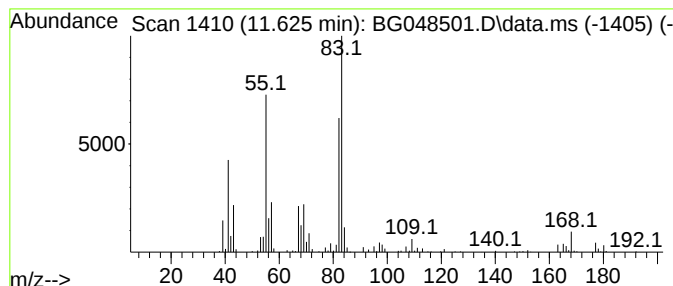
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.625	30.29 ng	827803	Naphthalene-d8	10.920

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	83
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64



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Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

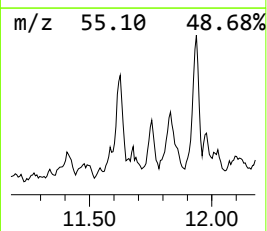
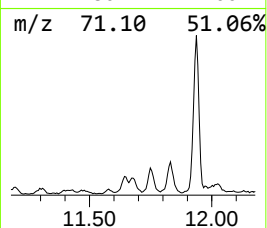
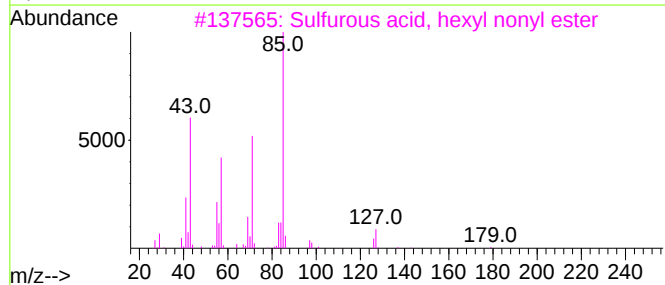
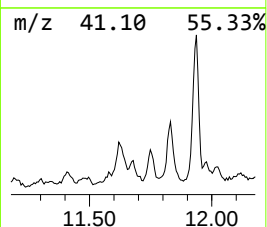
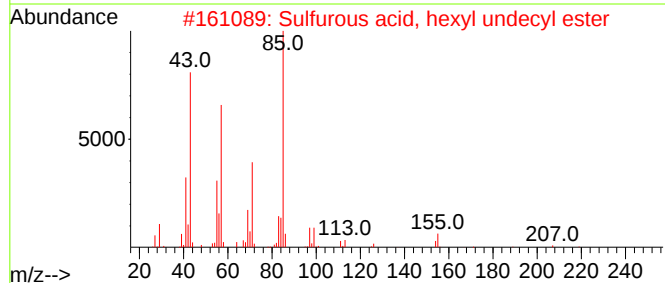
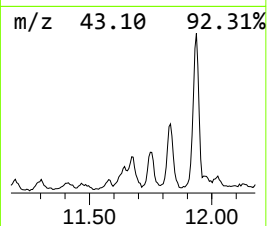
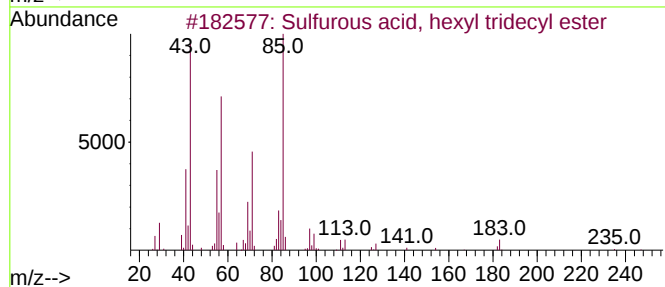
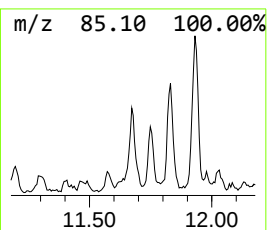
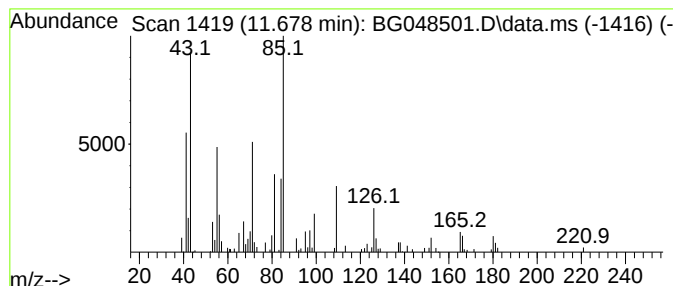
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Sulfurous acid, hexyl tridecyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.678	12.65 ng	345767	Naphthalene-d8	10.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, hexyl tridecyl e...	348	C19H40O3S	1000309-13-5	50
2			Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	50
3			Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	40
4			Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	40
5			Sulfurous acid, hexyl tetradecyl...	362	C20H42O3S	1000309-13-6	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
Operator : CG/JU
Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB-15-11-13

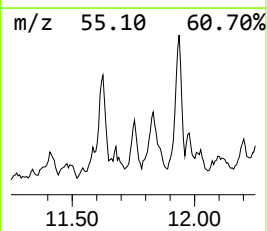
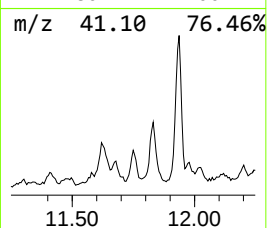
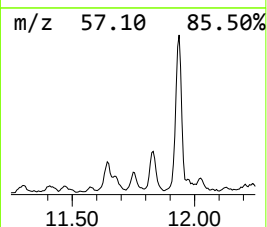
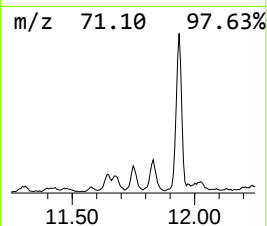
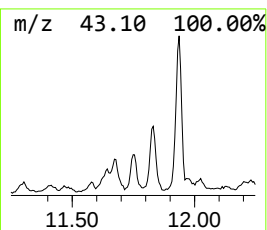
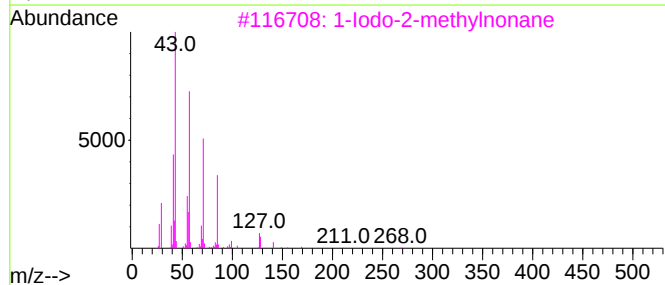
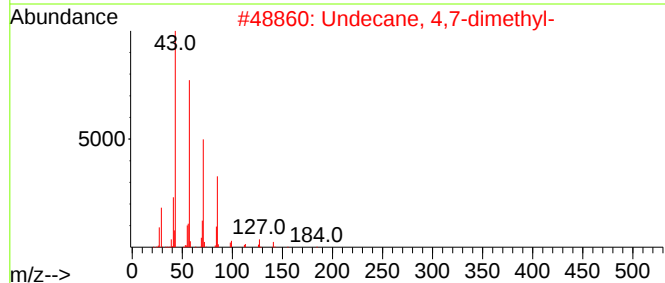
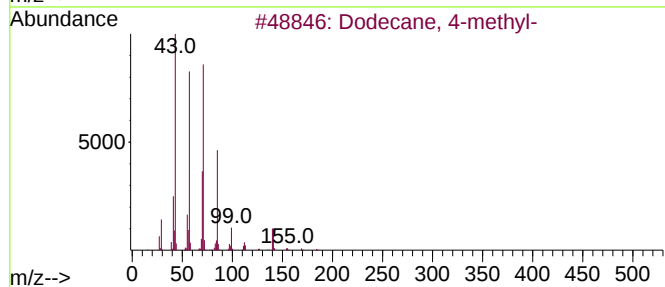
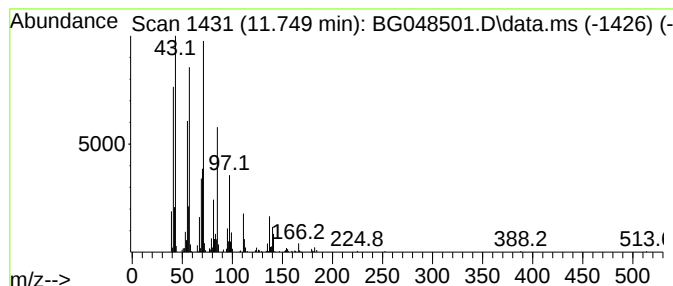
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.749	19.70 ng	538426	Naphthalene-d8	10.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	95
2			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	47
3			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	47
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	47
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
Operator : CG/JU
Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB-15-11-13

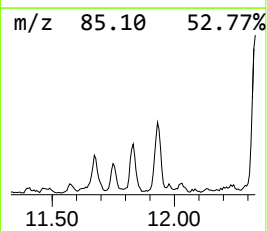
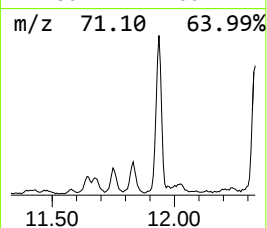
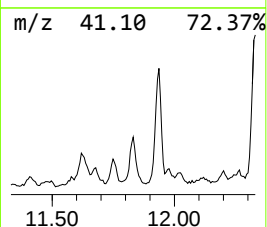
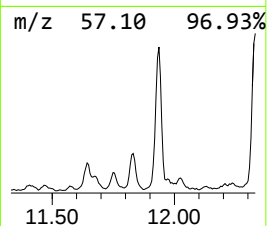
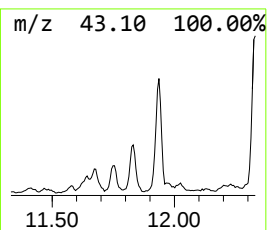
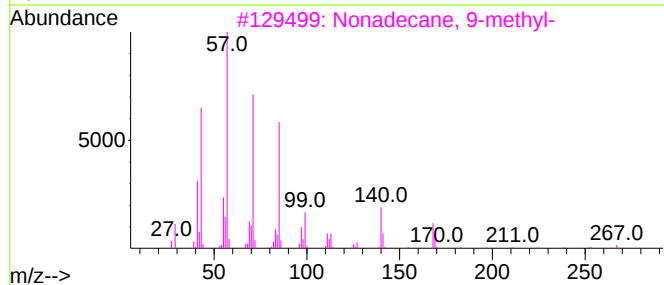
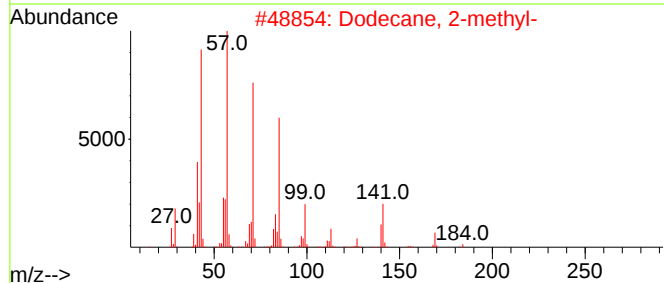
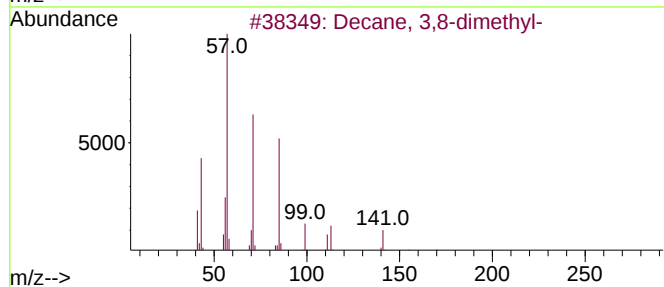
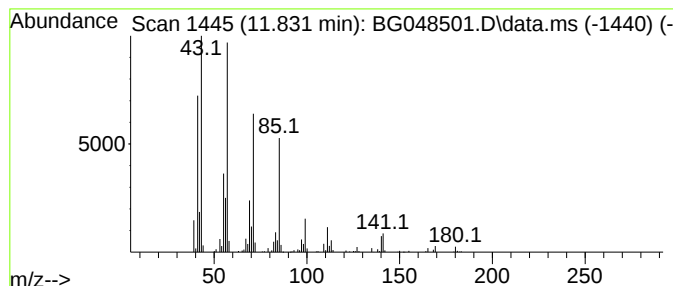
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 3,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.831	30.37 ng	830054	Naphthalene-d8	10.920

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
4		9-methylheptadecane	254	C18H38	026741-18-4	64
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
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Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB-15-11-13

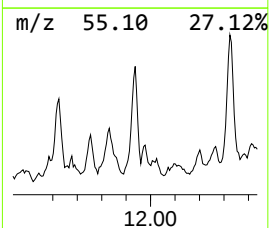
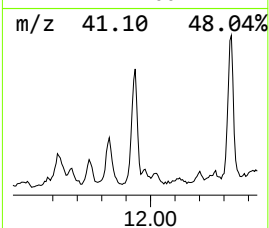
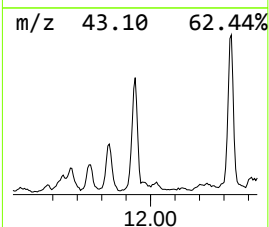
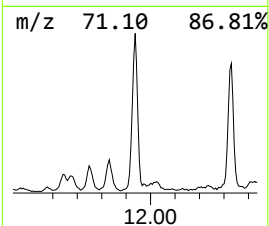
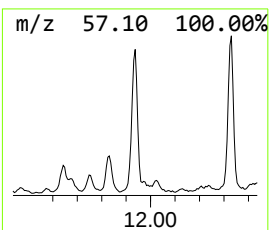
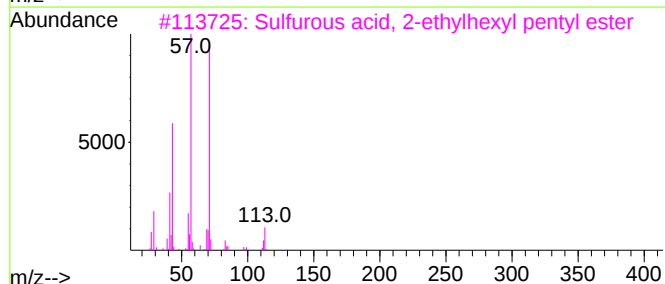
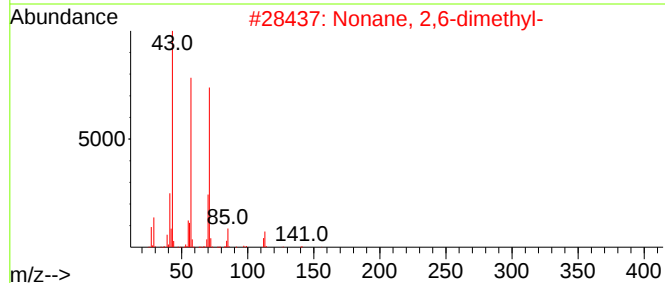
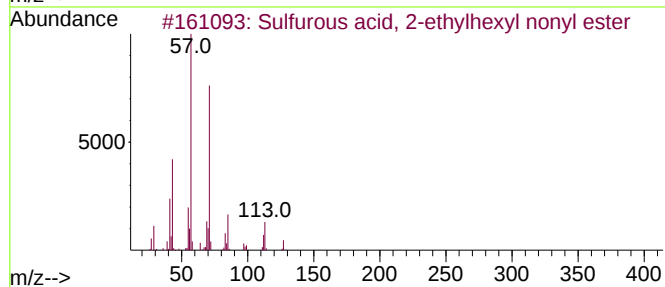
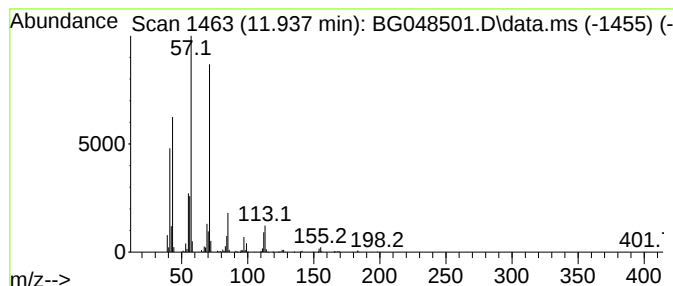
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.937	68.74 ng	1878820	Naphthalene-d8	10.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	86
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
3			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4			Decane, 4-methyl-	156	C11H24	002847-72-5	64
5			3-Bromooctane	192	C8H17Br	000999-64-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
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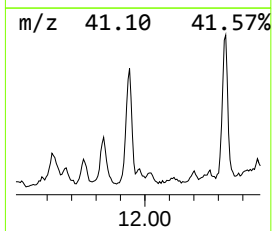
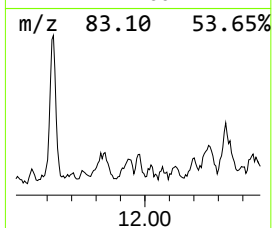
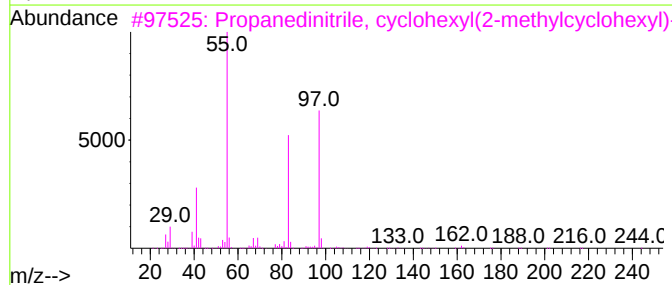
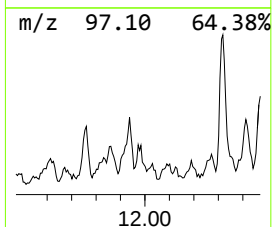
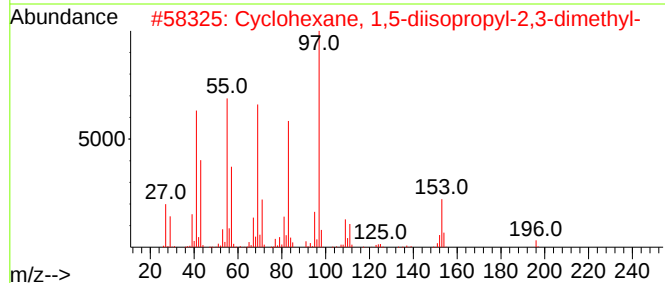
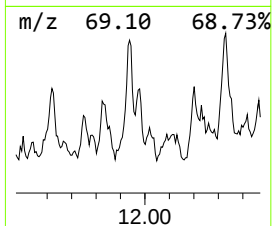
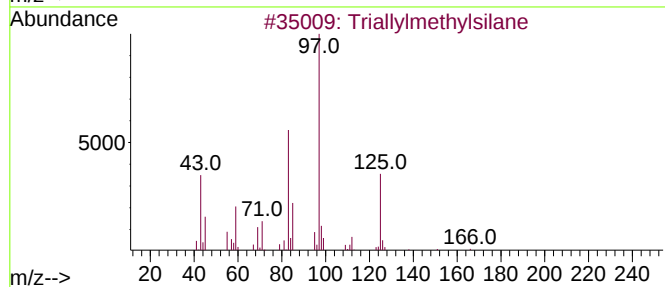
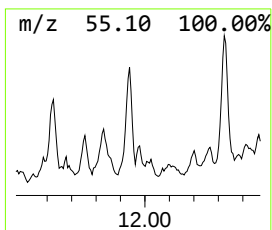
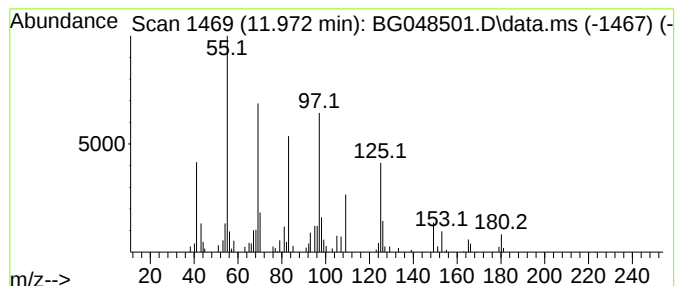
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triallylmethylsilane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.972	11.01 ng	300805	Naphthalene-d8	10.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triallylmethylsilane	166	C10H18Si	001112-91-0	53
2			Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	38
3			Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	27
4			3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	018927-20-3	22
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
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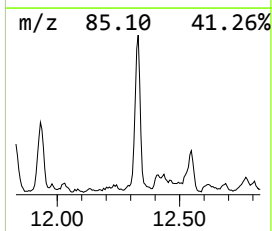
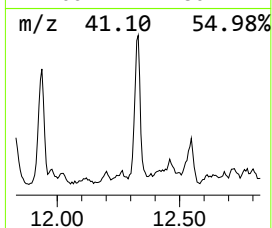
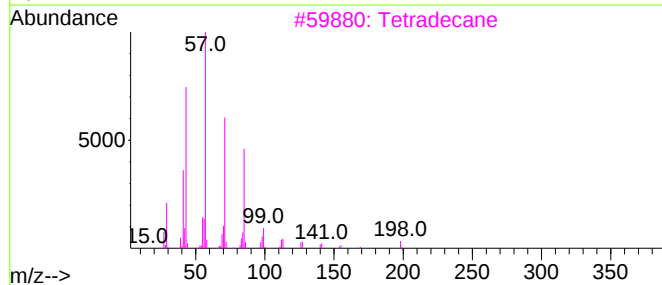
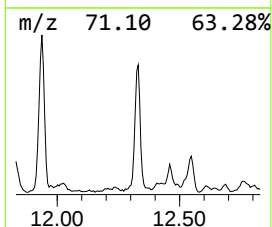
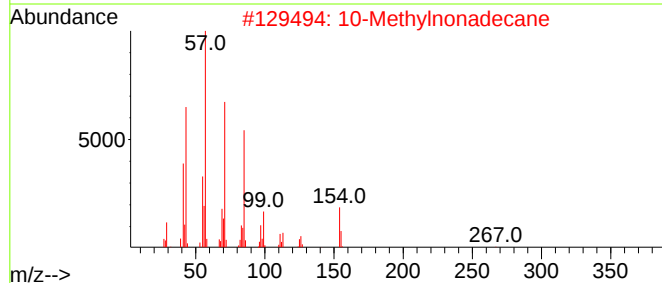
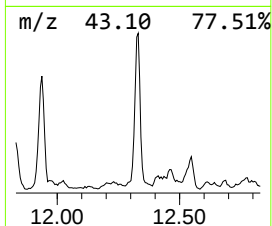
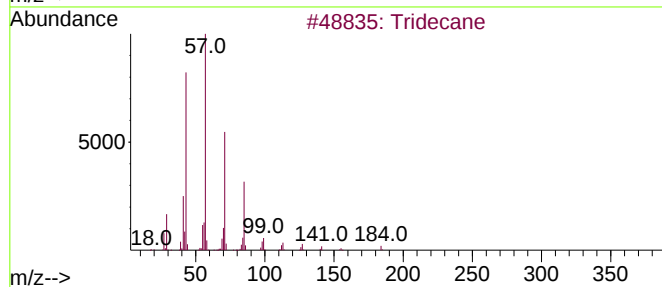
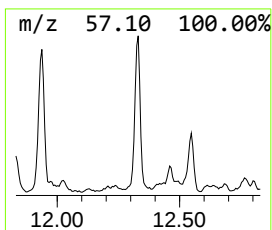
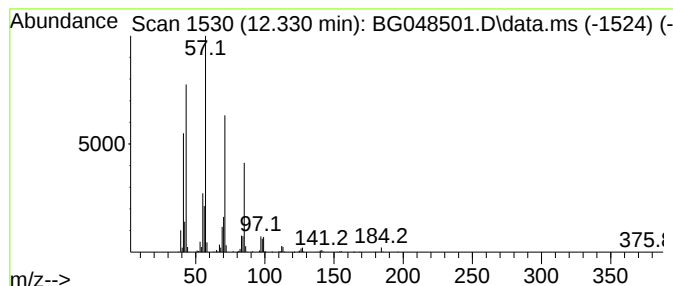
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.330	69.30 ng	1894140	Naphthalene-d8	10.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			10-Methylnonadecane	282	C20H42	056862-62-5	86
3			Tetradecane	198	C14H30	000629-59-4	80
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
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ALS Vial : 8 Sample Multiplier: 1

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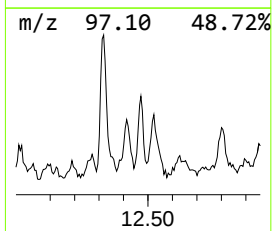
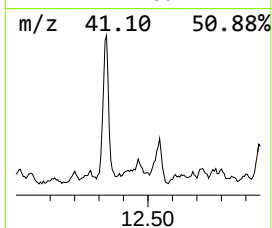
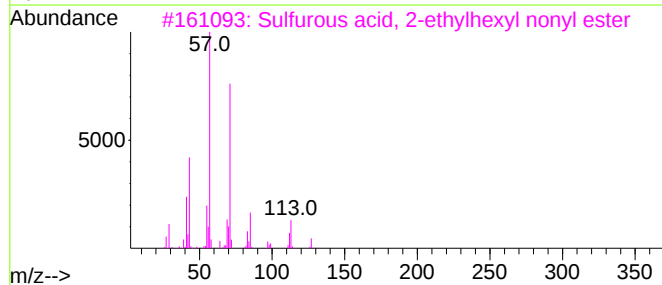
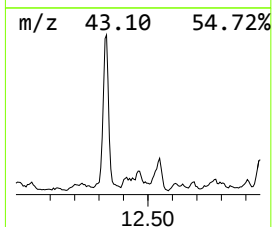
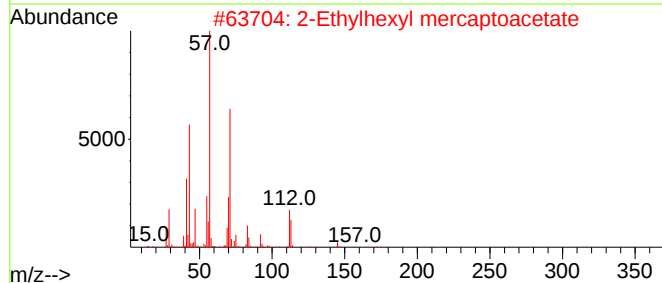
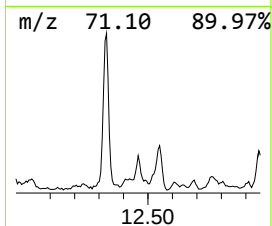
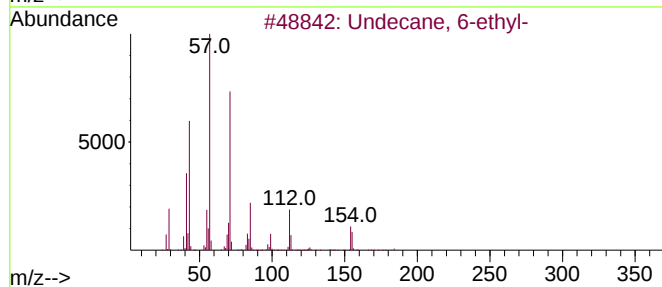
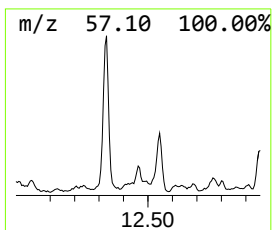
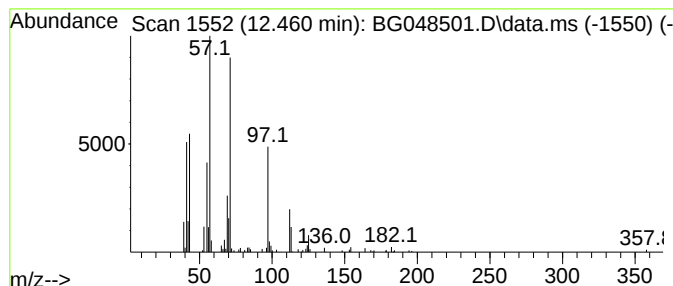
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 6-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.460	17.13 ng	468274	Naphthalene-d8	10.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
2			2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	53
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
5			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
Operator : CG/JU
Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

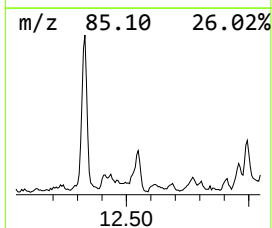
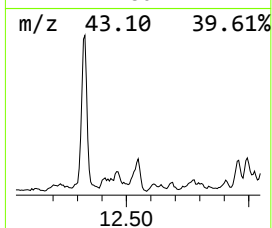
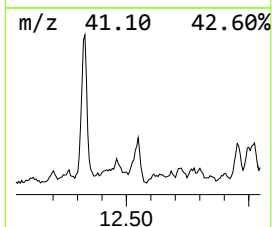
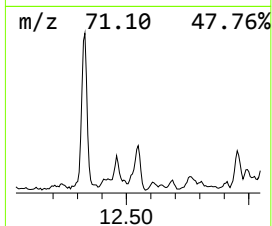
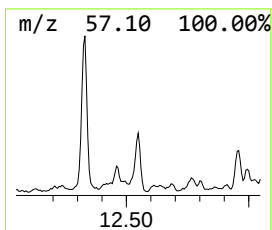
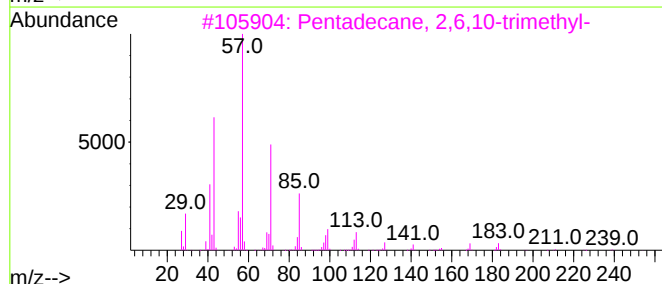
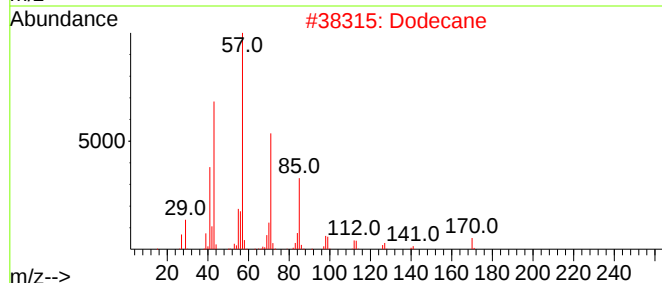
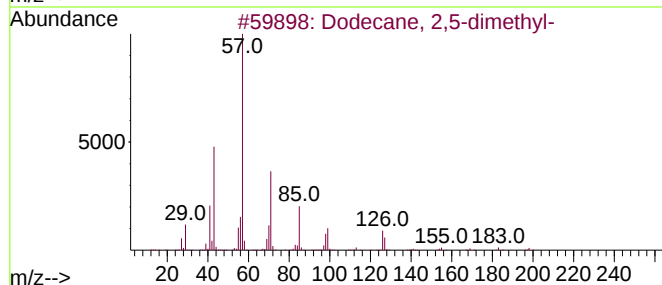
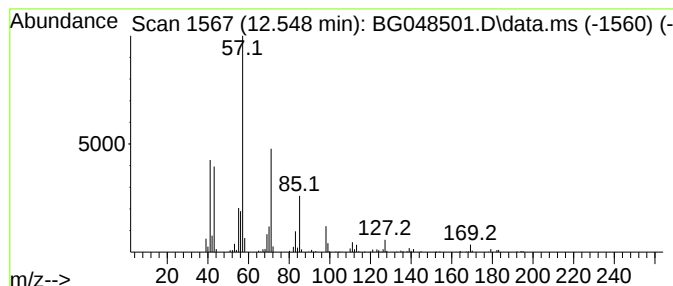
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FS-SB-15-11-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.548	30.90 ng	844557	Naphthalene-d8	10.920	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
2	Dodecane	170	C12H26	000112-40-3	59
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
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Sample : M1749-01
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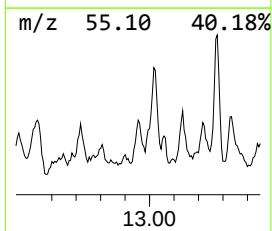
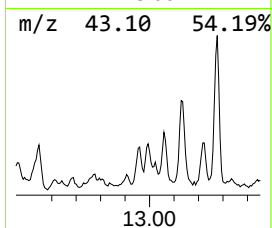
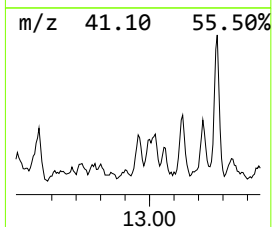
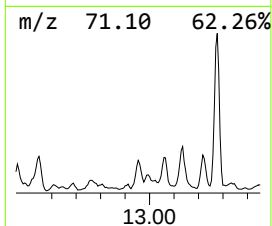
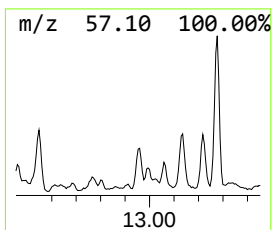
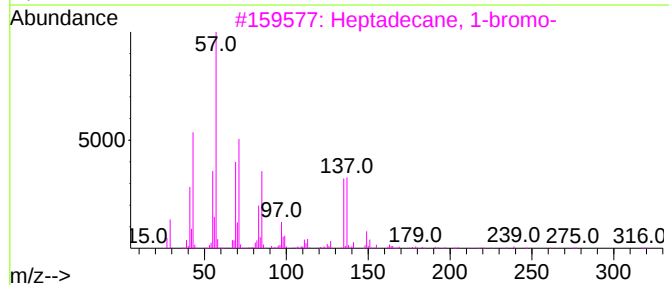
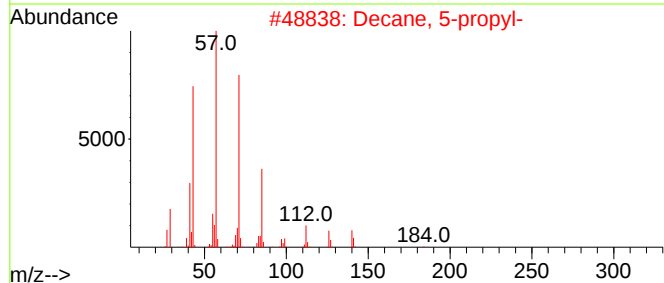
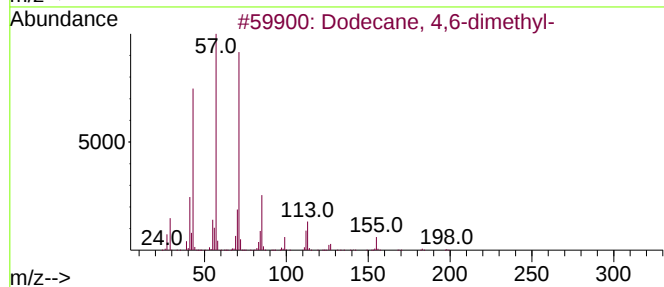
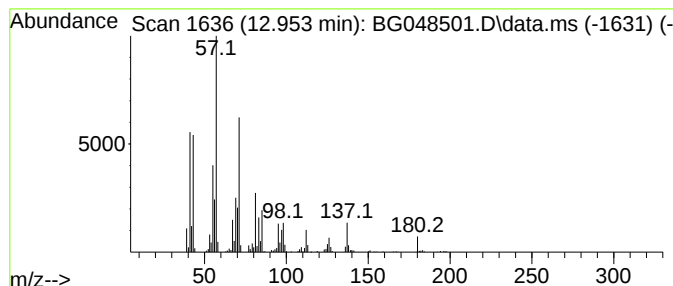
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.95 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.953	17.47 ng	630488	Acenaphthene-d10	14.745	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49
2	Decane, 5-propyl-	184	C13H28	017312-62-8	45
3	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	43
4	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	38
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
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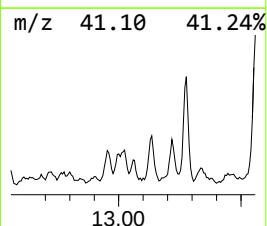
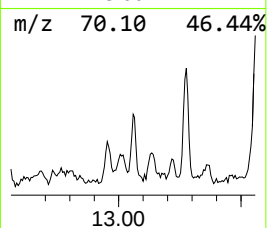
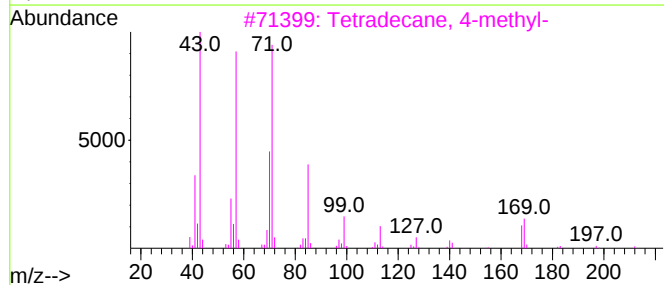
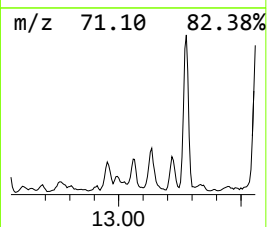
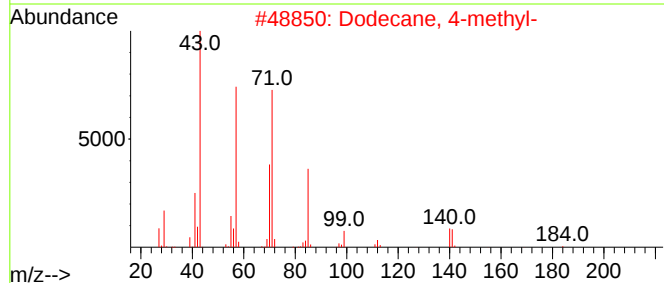
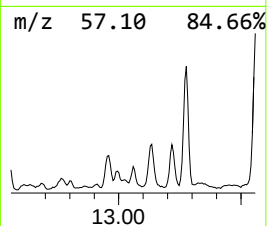
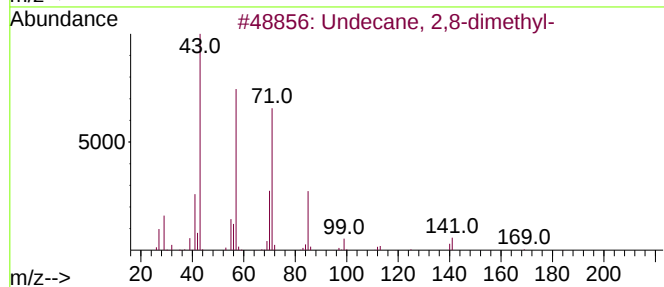
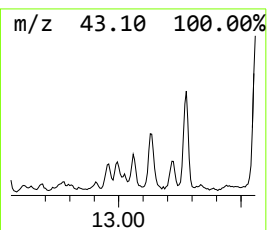
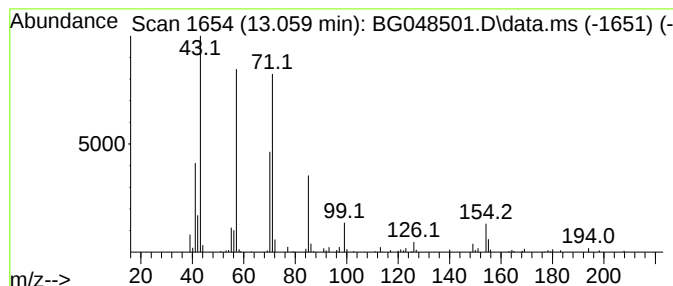
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 2,8-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.059	9.21 ng	332512	Acenaphthene-d10		14.745	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,8-dimethyl-		184	C13H28	017301-25-6	72
2	Dodecane, 4-methyl-		184	C13H28	006117-97-1	72
3	Tetradecane, 4-methyl-		212	C15H32	025117-24-2	72
4	Decane, 4-methyl-		156	C11H24	002847-72-5	64
5	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
Operator : CG/JU
Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

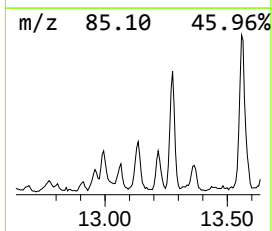
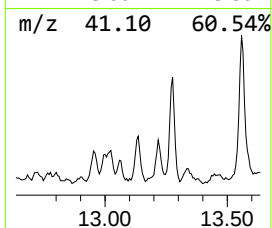
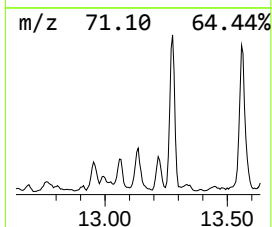
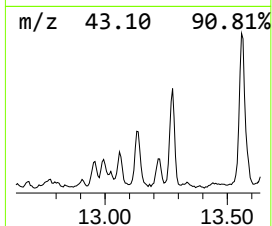
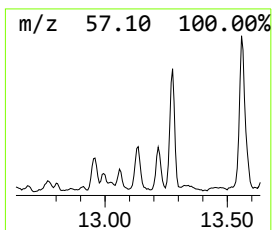
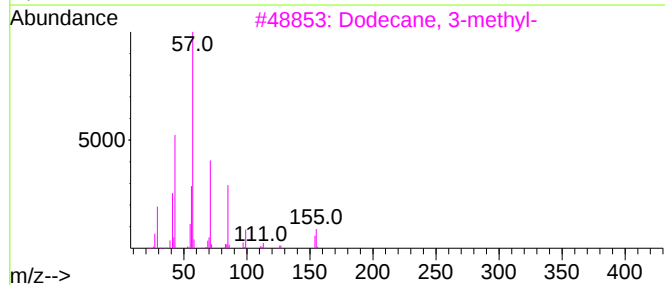
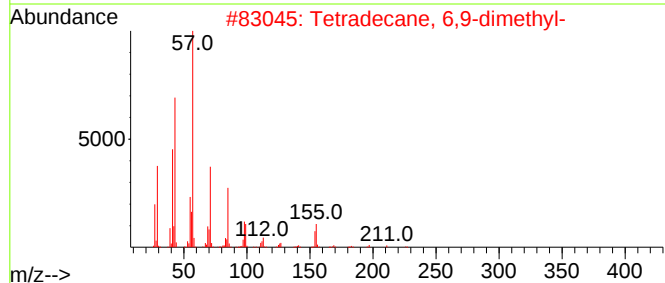
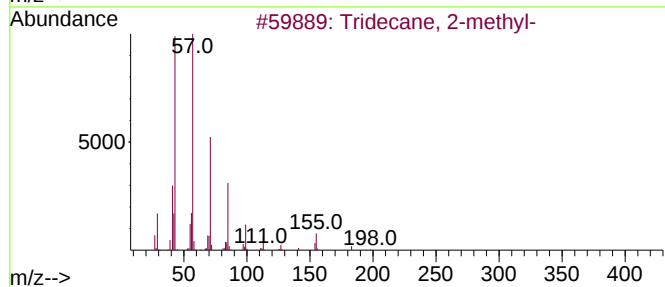
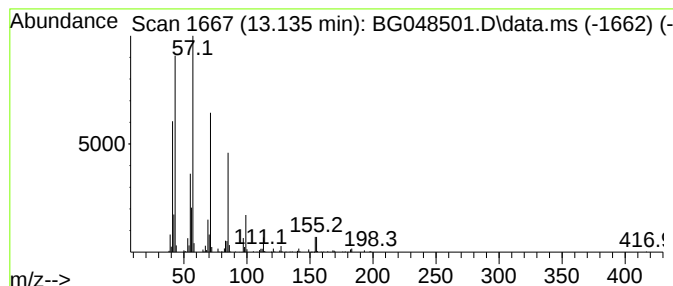
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ClientSampleId :
FS-SB-15-11-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.135	20.10 ng	725418	Acenaphthene-d10	14.745	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	94
2	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	90
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
Operator : CG/JU
Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

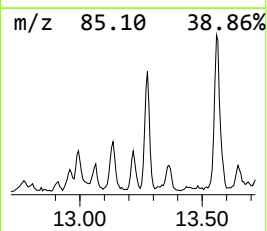
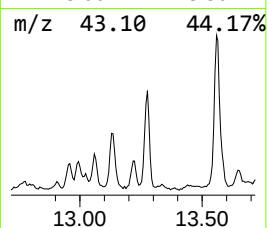
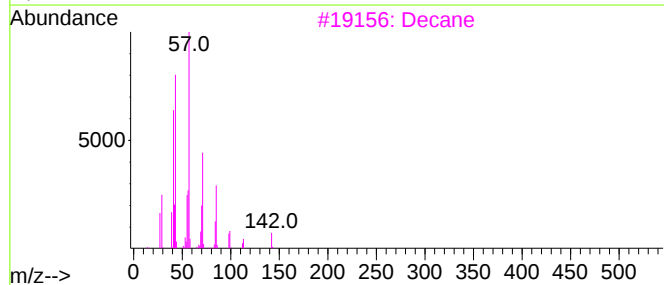
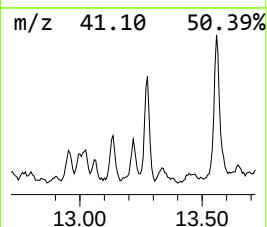
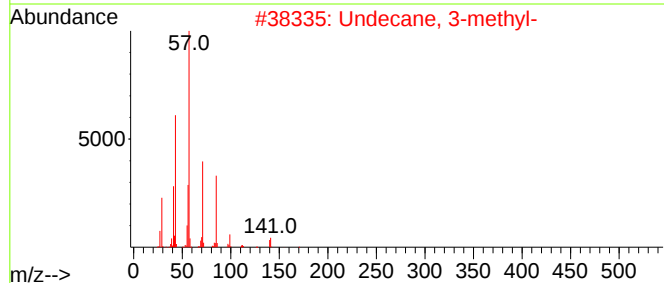
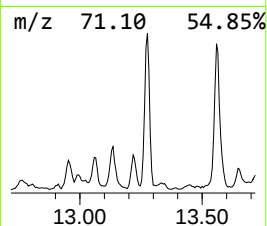
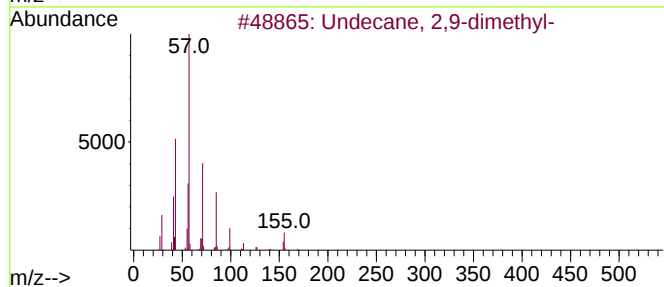
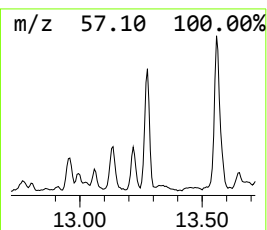
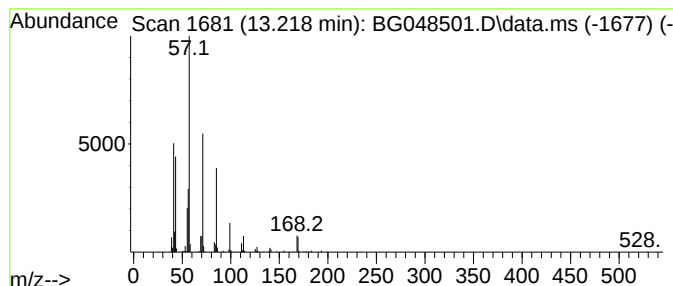
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 2,9-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.218	16.37 ng	590653	Acenaphthene-d10		14.745	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-		184	C13H28	017301-26-7	78
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	72
3	Decane		142	C10H22	000124-18-5	72
4	Dodecane, 3-methyl-		184	C13H28	017312-57-1	72
5	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
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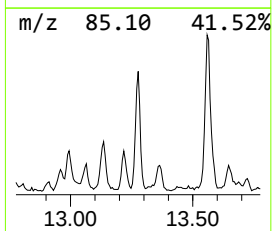
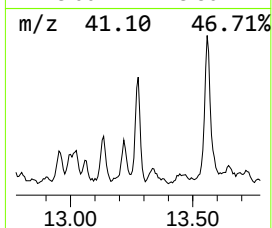
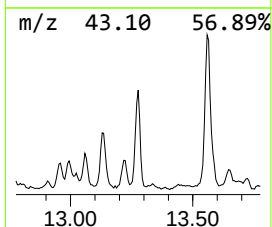
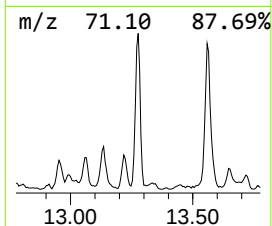
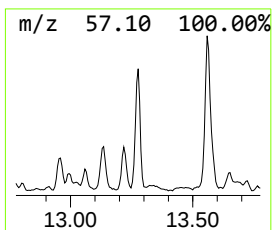
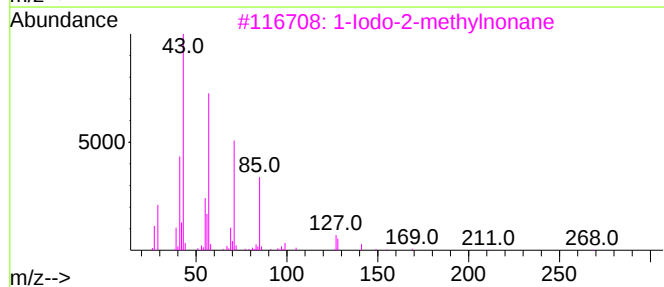
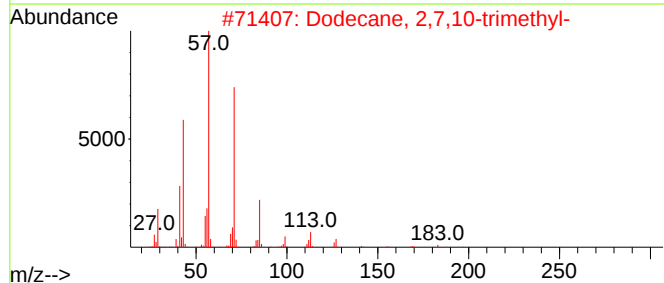
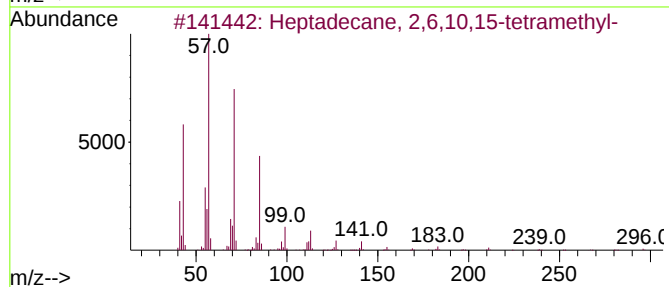
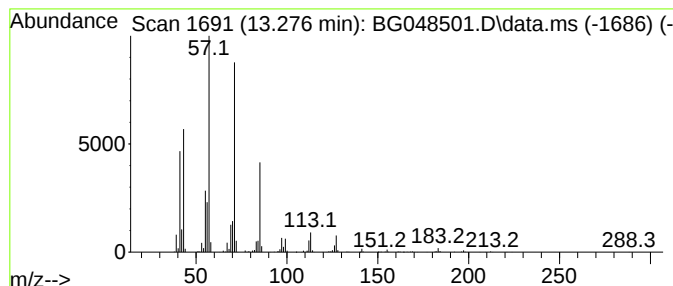
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.276	46.02 ng	1660900	Acenaphthene-d10		14.745	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
4		Decane, 5-propyl-	184	C13H28	017312-62-8	80
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
Operator : CG/JU
Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

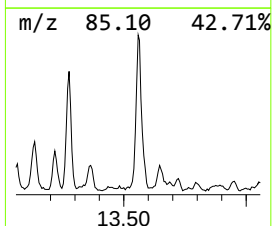
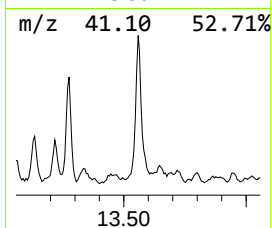
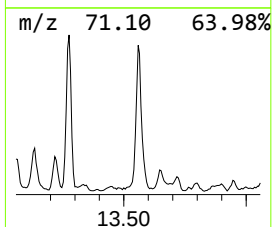
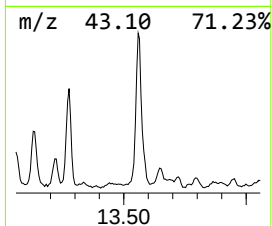
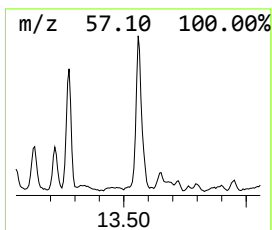
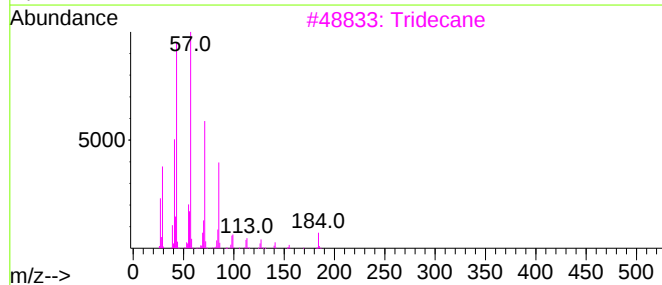
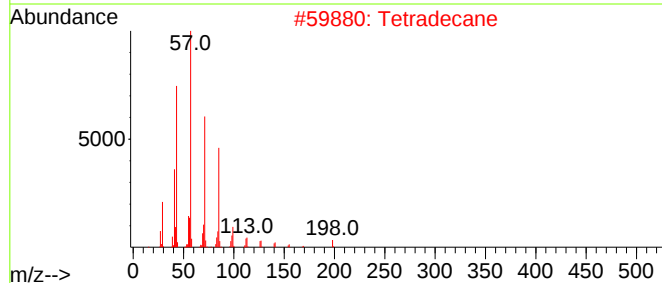
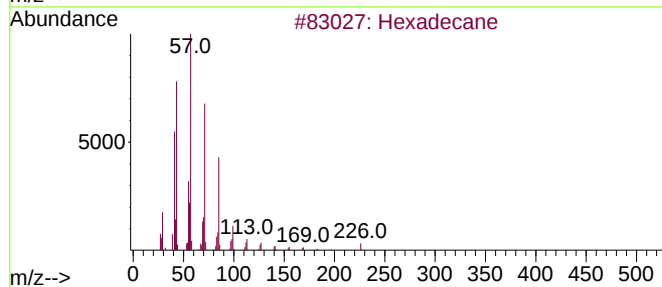
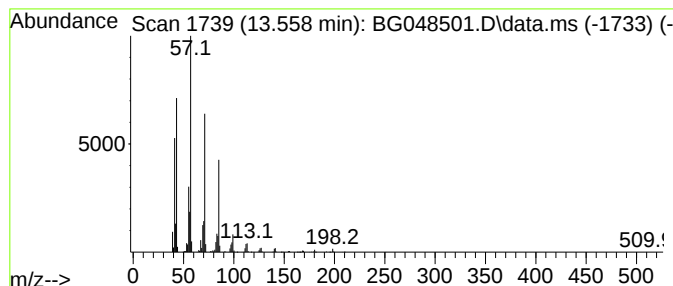
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.558	69.02 ng	2490670	Acenaphthene-d10	14.745

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Dodecane	170	C12H26	000112-40-3	86
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
Operator : CG/JU
Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

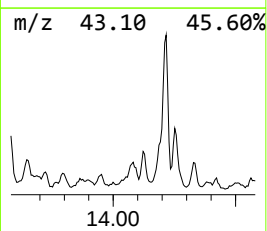
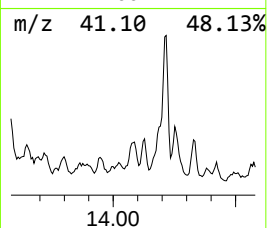
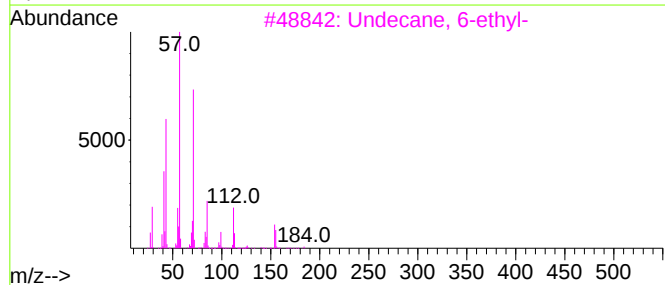
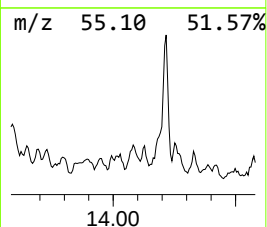
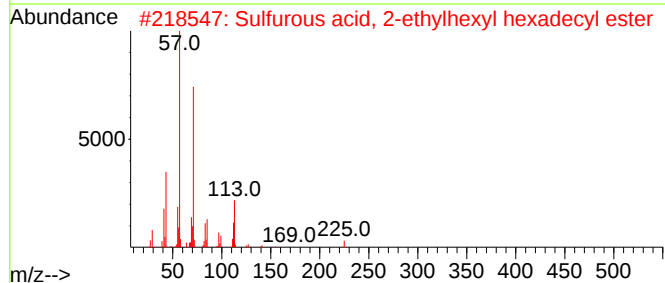
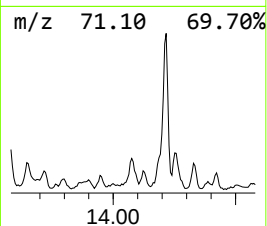
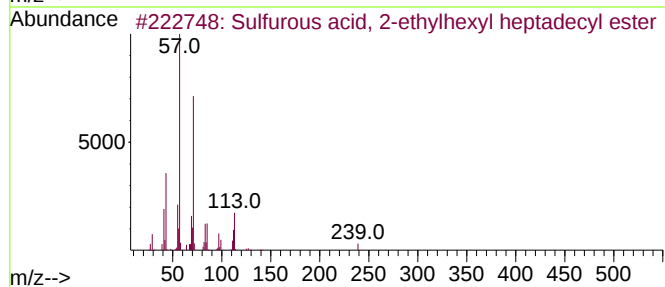
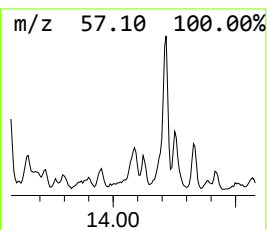
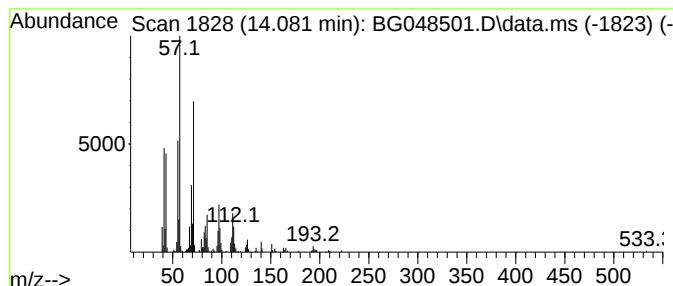
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ClientSampleId :
FS-SB-15-11-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Sulfurous acid, 2-ethylhexy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.081	10.19 ng	367793	Acenaphthene-d10		14.745	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hep...		432	C25H52O3S	1000309-20-0	53
2	Sulfurous acid, 2-ethylhexyl hex...		418	C24H50O3S	1000309-19-9	50
3	Undecane, 6-ethyl-		184	C13H28	017312-60-6	47
4	Tetracontane, 3,5,24-trimethyl-		605	C43H88	055162-61-3	38
5	Tridecane, 6-methyl-		198	C14H30	013287-21-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
Operator : CG/JU
Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

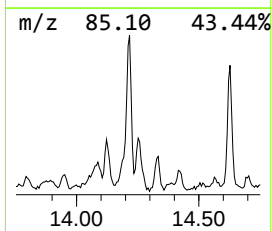
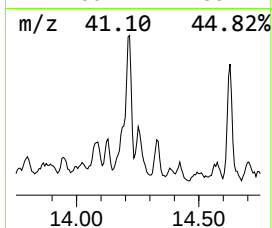
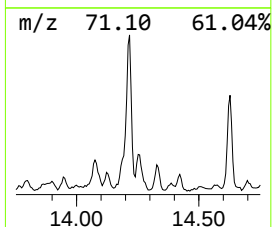
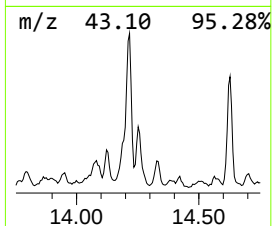
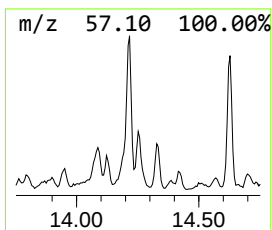
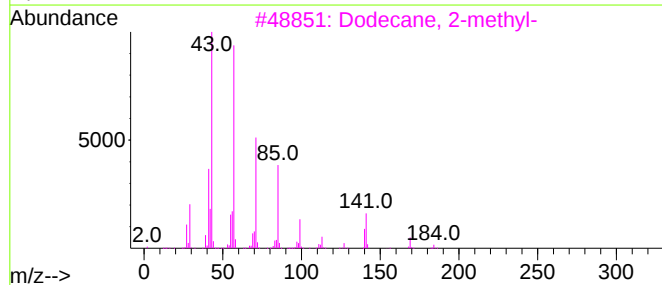
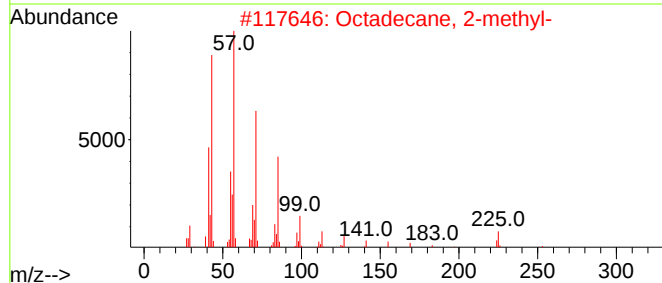
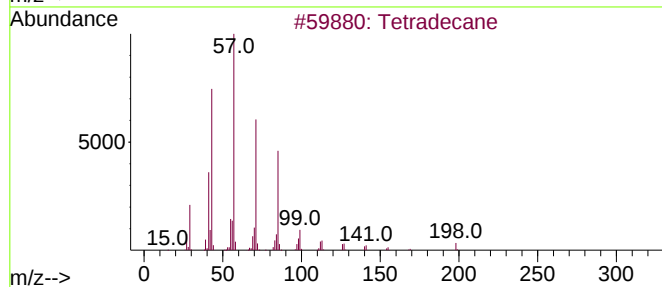
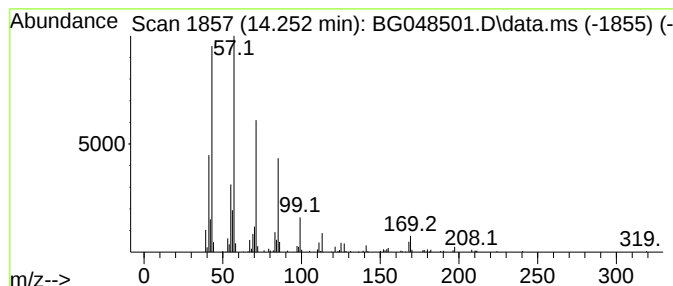
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ClientSampleId :
FS-SB-15-11-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.252	14.70 ng	530514	Acenaphthene-d10		14.745	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	86
2	Octadecane, 2-methyl-		268	C19H40	001560-88-9	86
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	86
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	80
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048501.D
Acq On : 25 Mar 2021 14:22
Operator : CG/JU
Sample : M1749-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13

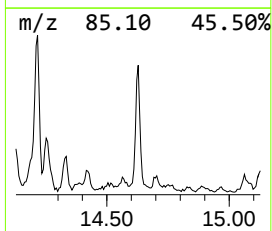
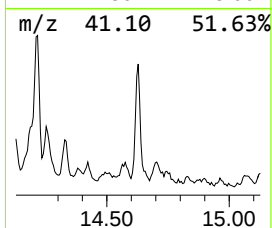
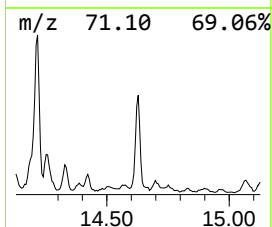
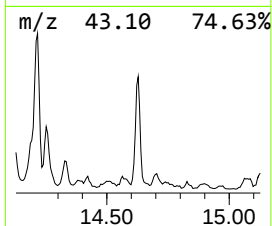
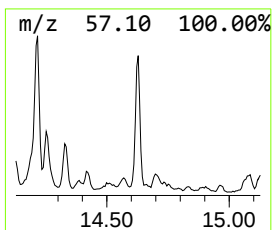
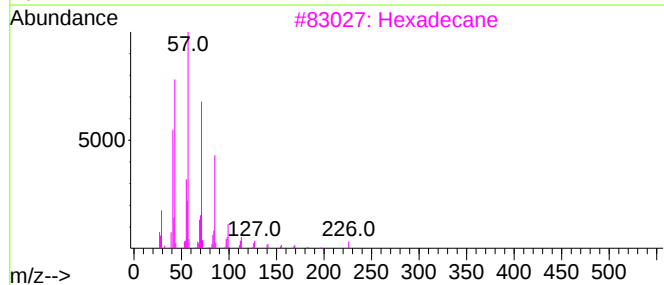
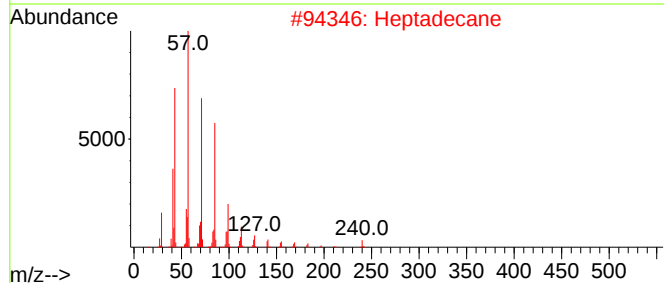
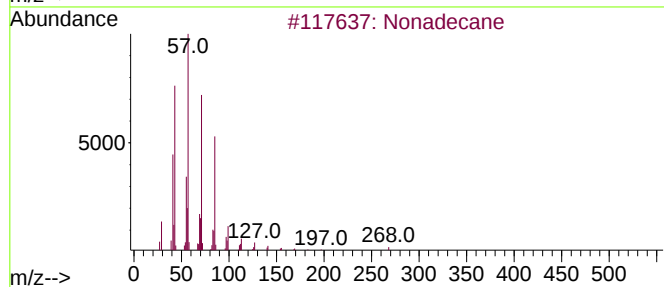
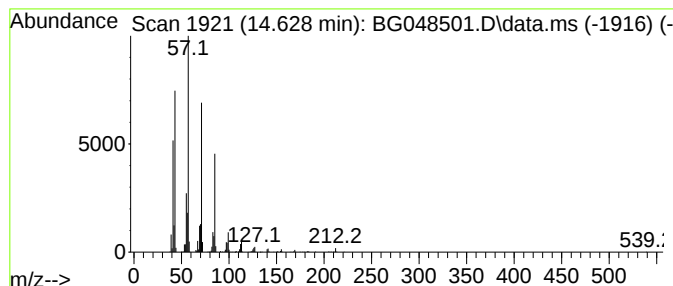
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.628	29.20 ng	1053880	Acenaphthene-d10	14.745

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048501.D
 Acq On : 25 Mar 2021 14:22
 Operator : CG/JU
 Sample : M1749-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB-15-11-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.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
Undecane, 2,6-d...	11.073	34.8	ng	950646	2	10.920	546620	20.0
17-Pentatriacon...	11.138	10.8	ng	296122	2	10.920	546620	20.0
Cyclohexane, (4...	11.625	30.3	ng	827803	2	10.920	546620	20.0
Sulfurous acid,...	11.678	12.7	ng	345767	2	10.920	546620	20.0
Dodecane, 4-met...	11.749	19.7	ng	538426	2	10.920	546620	20.0
Decane, 3,8-dim...	11.831	30.4	ng	830054	2	10.920	546620	20.0
Sulfurous acid,...	11.937	68.7	ng	1878820	2	10.920	546620	20.0
Triallylmethyls...	11.972	11.0	ng	300805	2	10.920	546620	20.0
Tridecane	12.330	69.3	ng	1894140	2	10.920	546620	20.0
Undecane, 6-ethyl-	12.460	17.1	ng	468274	2	10.920	546620	20.0
Dodecane, 2,5-d...	12.548	30.9	ng	844557	2	10.920	546620	20.0
unknown12.95	12.953	17.5	ng	630488	3	14.745	721756	20.0
Undecane, 2,8-d...	13.059	9.2	ng	332512	3	14.745	721756	20.0
Tridecane, 2-me...	13.135	20.1	ng	725418	3	14.745	721756	20.0
Undecane, 2,9-d...	13.218	16.4	ng	590653	3	14.745	721756	20.0
Heptadecane, 2,...	13.276	46.0	ng	1660900	3	14.745	721756	20.0
Hexadecane	13.558	69.0	ng	2490670	3	14.745	721756	20.0
Sulfurous acid,...	14.081	10.2	ng	367793	3	14.745	721756	20.0
Tetradecane	14.252	14.7	ng	530514	3	14.745	721756	20.0
Nonadecane	14.628	29.2	ng	1053880	3	14.745	721756	20.0