

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054860.D
 Acq On : 6 Sep 2022 20:42
 Operator : CG/JU
 Sample : N4490-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14-B-SP

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-BG082522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054860.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.030	288	296	303	rBV2	104912	193192	1.57%	0.116%
2	5.212	318	327	331	rBV2	155744	318235	2.59%	0.190%
3	5.306	337	343	349	rBV2	354490	643093	5.22%	0.385%
4	5.547	379	384	392	rVB	220755	433516	3.52%	0.259%
5	5.694	404	409	416	rVB	397383	704483	5.72%	0.421%
6	5.793	422	426	438	rVB6	78477	235176	1.91%	0.141%
7	5.923	438	448	453	rBV3	134191	285365	2.32%	0.171%
8	5.987	453	459	468	rBV3	241733	576418	4.68%	0.345%
9	6.075	468	474	480	rVV	314273	561470	4.56%	0.336%
10	6.140	480	485	492	rVB	185307	370352	3.01%	0.222%
11	6.211	492	497	505	rVB2	158119	302290	2.46%	0.181%
12	6.393	520	528	535	rBV4	472503	1339783	10.89%	0.802%
13	6.504	541	547	557	rVB2	317536	675122	5.49%	0.404%
14	6.604	557	564	566	rBV2	271742	526896	4.28%	0.315%
15	6.639	567	570	572	rVV	326637	521222	4.23%	0.312%
16	6.675	572	576	581	rVV	816256	1325504	10.77%	0.793%
17	6.728	581	585	586	rVV2	226365	321650	2.61%	0.192%
18	6.780	586	594	607	rVV3	887234	2674089	21.73%	1.600%
19	6.880	607	611	616	rVB2	241231	385421	3.13%	0.231%
20	6.945	617	622	627	rBV3	231593	434073	3.53%	0.260%
21	7.115	642	651	664	rVB8	204781	574714	4.67%	0.344%
22	7.221	664	669	673	rBV3	262520	447383	3.63%	0.268%
23	7.280	673	679	694	rVB5	957217	2649556	21.53%	1.585%
24	7.421	698	703	705	rBV	137884	225772	1.83%	0.135%
25	7.456	705	709	715	rVB3	290428	571767	4.65%	0.342%
26	7.527	715	721	724	rBV4	260129	493009	4.01%	0.295%
27	7.585	725	731	734	rVV2	325681	654740	5.32%	0.392%
28	7.621	734	737	745	rVV3	470805	986233	8.01%	0.590%
29	7.697	747	750	755	rVB2	242506	398710	3.24%	0.239%
30	7.862	773	778	783	rVB2	302292	495628	4.03%	0.297%
31	7.961	783	795	800	rBV4	268717	742963	6.04%	0.445%
32	8.055	801	811	815	rBV5	350758	1146709	9.32%	0.686%
33	8.108	815	820	825	rVB	1206709	2004652	16.29%	1.199%
34	8.202	830	836	842	rVB4	426323	969426	7.88%	0.580%
35	8.273	842	848	851	rBV4	227896	480511	3.90%	0.287%
36	8.320	851	856	862	rBV3	610788	1024851	8.33%	0.613%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.390	863	868	871	rVV	470839	720337	5.85%	0.431%
38	8.431	871	875	881	rVB2	546427	870761	7.07%	0.521%
39	8.490	881	885	892	rVB3	388272	758450	6.16%	0.454%
40	8.567	892	898	900	rBV2	271208	475826	3.87%	0.285%
41	8.643	907	911	917	rBV3	259069	617726	5.02%	0.370%
42	8.708	918	922	931	rVB4	576740	1204234	9.78%	0.721%
43	8.825	938	942	949	rVB3	190659	409067	3.32%	0.245%
44	8.925	954	959	965	rVB5	201095	440585	3.58%	0.264%
45	8.996	965	971	976	rBV2	690015	1500367	12.19%	0.898%
46	9.260	1005	1016	1022	rBV3	1434692	3927200	31.91%	2.350%
47	9.348	1024	1031	1038	rVB4	854306	1949839	15.84%	1.167%
48	9.413	1039	1042	1046	rVB2	215875	323593	2.63%	0.194%
49	9.466	1046	1051	1052	rBV2	507260	684425	5.56%	0.409%
50	9.618	1066	1077	1083	rVB4	599455	1741740	14.15%	1.042%
51	9.718	1086	1094	1100	rVV4	278865	1014512	8.24%	0.607%
52	9.789	1101	1106	1112	rVV2	1022690	1886579	15.33%	1.129%
53	9.847	1113	1116	1119	rVV4	265735	454822	3.70%	0.272%
54	9.889	1119	1123	1132	rVB3	815451	1960924	15.93%	1.173%
55	10.030	1139	1147	1151	rBV4	436349	1241751	10.09%	0.743%
56	10.082	1152	1156	1161	rVV2	919986	1472741	11.97%	0.881%
57	10.153	1161	1168	1173	rVV4	887326	1685286	13.69%	1.008%
58	10.370	1199	1205	1212	rBV3	807518	2005443	16.29%	1.200%
59	10.547	1228	1235	1243	rBV6	454530	1309995	10.64%	0.784%
60	10.676	1250	1257	1263	rBV5	598004	1491594	12.12%	0.892%
61	10.746	1264	1269	1273	rBV2	355607	655300	5.32%	0.392%
62	10.823	1278	1282	1284	rBV4	334328	472235	3.84%	0.283%
63	10.858	1285	1288	1295	rVB3	344500	576265	4.68%	0.345%
64	10.946	1296	1303	1307	rBV6	458252	1199199	9.74%	0.717%
65	11.117	1327	1332	1338	rVB	2684815	4997006	40.60%	2.990%
66	11.181	1338	1343	1350	rBV5	969995	2213429	17.98%	1.324%
67	11.340	1363	1370	1375	rBV5	550265	1334977	10.85%	0.799%
68	11.399	1376	1380	1384	rVV3	402475	775012	6.30%	0.464%
69	11.463	1386	1391	1396	rVB4	910595	1739140	14.13%	1.041%
70	11.510	1396	1399	1402	rBV2	232143	322602	2.62%	0.193%
71	11.669	1422	1426	1435	rVB5	1318348	2466863	20.04%	1.476%
72	11.804	1444	1449	1453	rBV3	444294	808239	6.57%	0.484%
73	11.886	1458	1463	1469	rVB7	701388	1611215	13.09%	0.964%
74	11.986	1473	1480	1483	rVV	3266904	5632636	45.76%	3.370%
75	12.021	1483	1486	1490	rVV2	1055636	1701808	13.83%	1.018%
76	12.068	1491	1494	1500	rVB3	694799	1257187	10.21%	0.752%

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77	12.168	1506	1511	1517	rVB3	669446	1119447	9.09%	0.670%
78	12.251	1518	1525	1529	rBV4	867322	1904950	15.48%	1.140%
79	12.362	1541	1544	1548	rBV2	420412	797371	6.48%	0.477%
80	12.591	1579	1583	1589	rVB4	1885574	3525393	28.64%	2.109%
81	12.773	1610	1614	1617	rBV3	552443	1077962	8.76%	0.645%
82	12.997	1648	1652	1656	rBV4	795619	1429999	11.62%	0.856%
83	13.067	1659	1664	1672	rVB3	1411817	2959312	24.04%	1.771%
84	13.320	1701	1707	1713	rVB	4208203	6728361	54.66%	4.026%
85	13.602	1748	1755	1756	rBV4	961831	2005680	16.30%	1.200%
86	13.984	1817	1820	1825	rVB3	749193	1118608	9.09%	0.669%
87	14.166	1848	1851	1855	rVB4	884435	1229144	9.99%	0.735%
88	14.219	1856	1860	1862	rBV2	919585	1396487	11.35%	0.836%
89	14.260	1862	1867	1871	rVB	4975022	7948212	64.58%	4.755%
90	14.618	1923	1928	1932	rBV3	1167827	2116994	17.20%	1.267%
91	14.748	1945	1950	1955	rBV4	1262383	3116191	25.32%	1.864%
92	14.871	1968	1971	1975	rBV4	789007	1020045	8.29%	0.610%
93	15.006	1991	1994	2002	rVB4	1165873	1952799	15.87%	1.168%
94	15.171	2019	2022	2034	rVB3	1469116	2958017	24.03%	1.770%
95	15.294	2036	2043	2055	rVB7	1869352	6033522	49.02%	3.610%
96	15.412	2059	2063	2067	rBV2	1185687	1948486	15.83%	1.166%
97	16.034	2163	2169	2176	rVB	4438430	8916011	72.44%	5.335%
98	16.246	2202	2205	2208	rVB2	1079141	1358208	11.03%	0.813%
99	16.522	2244	2252	2256	rBV	5407399	12308406	100.00%	7.364%
100	17.339	2385	2391	2395	rBV	4264662	7564048	61.45%	4.526%

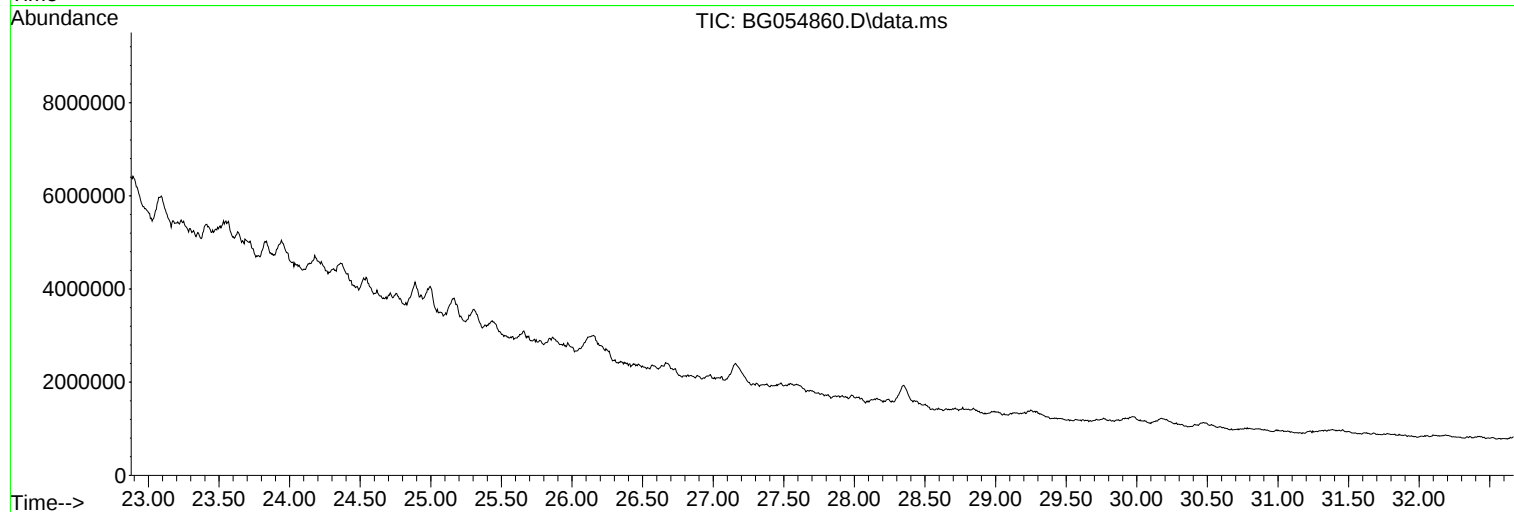
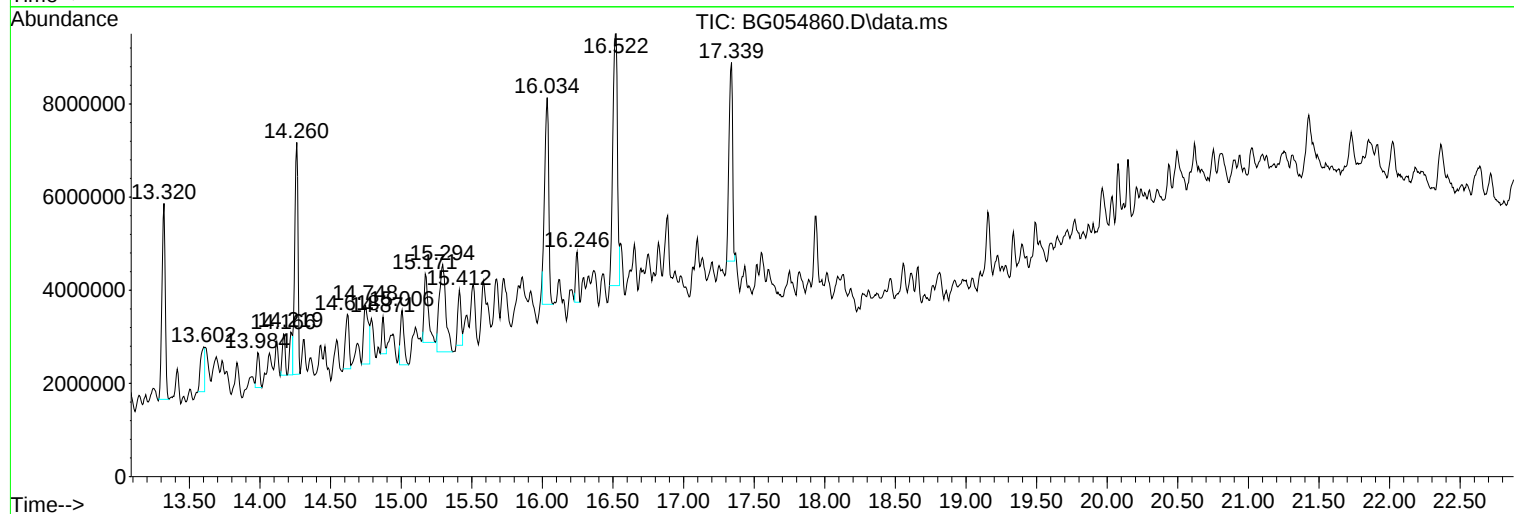
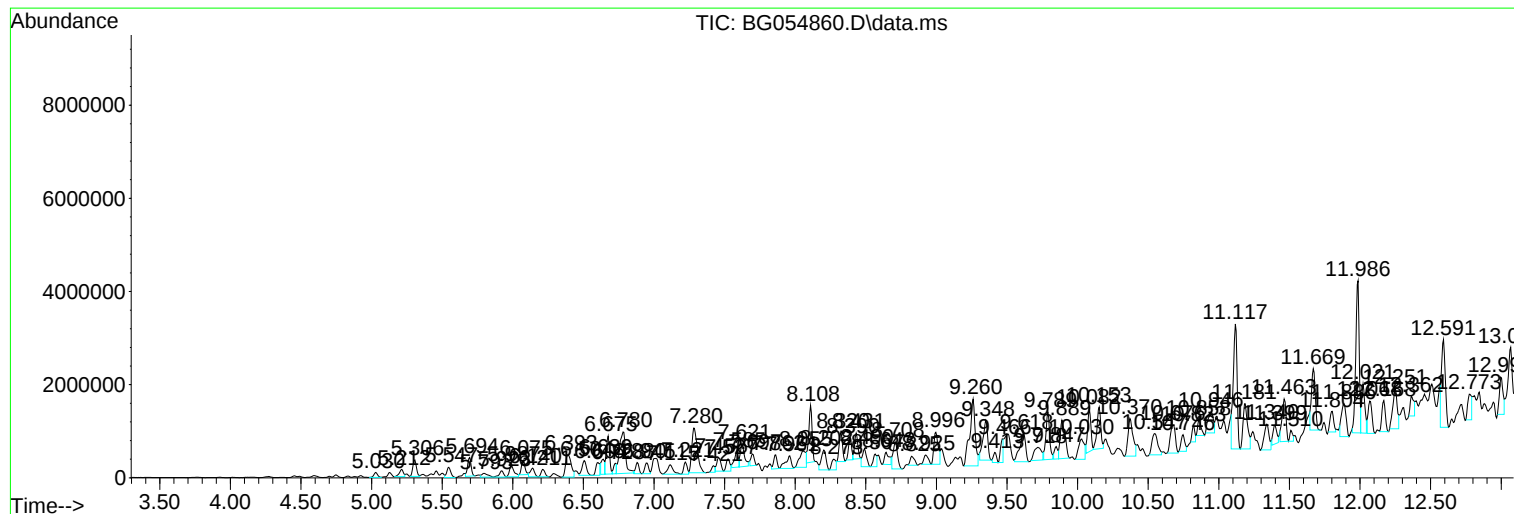
Sum of corrected areas: 167138537

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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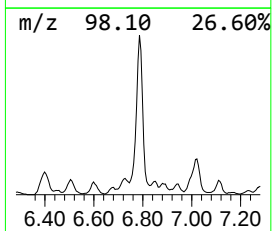
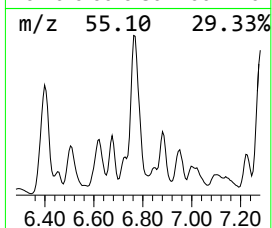
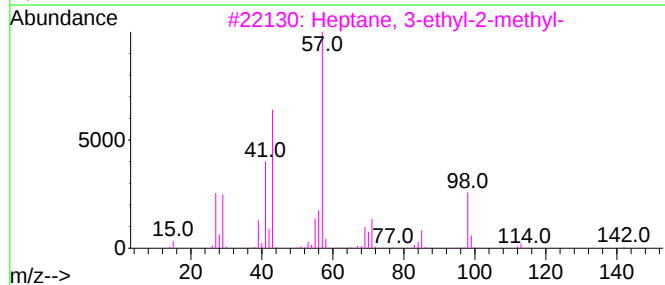
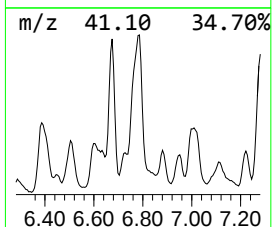
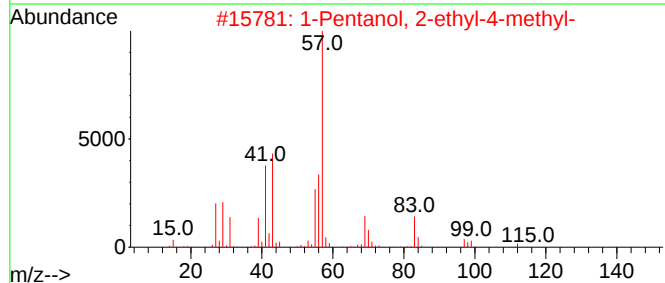
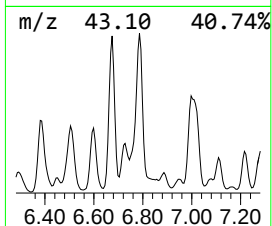
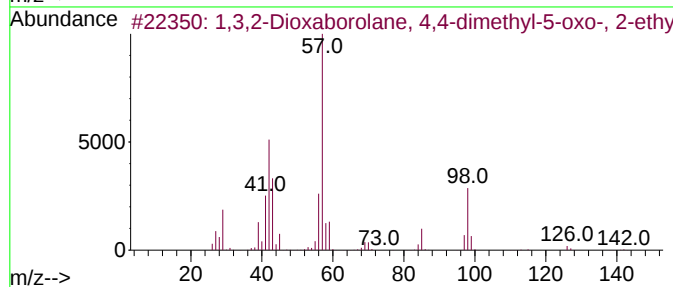
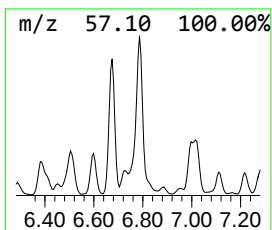
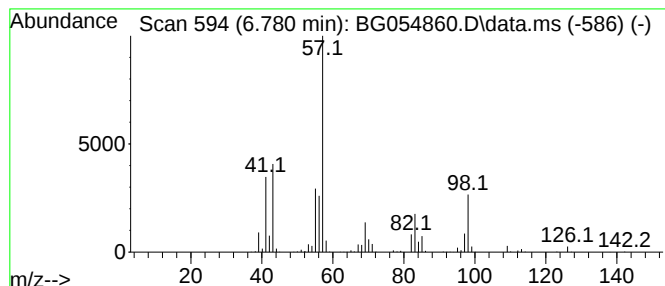
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,2-Dioxaborolane, 4,4-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.780	26.68 ng	2674090	1,4-Dichlorobenzene-d4	8.155

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11B03	1000063-89-2	59	
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53	
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50	
4	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	47	
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	43	



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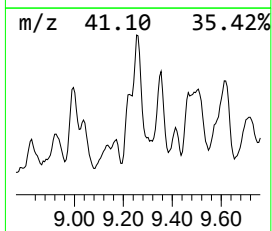
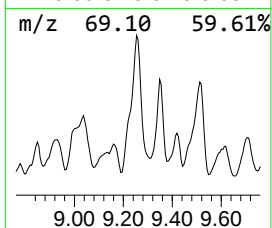
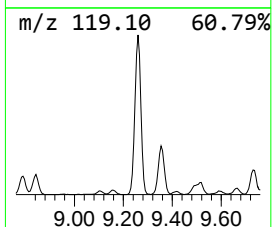
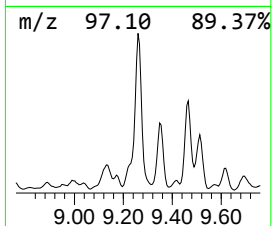
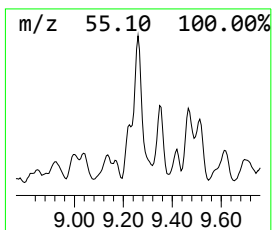
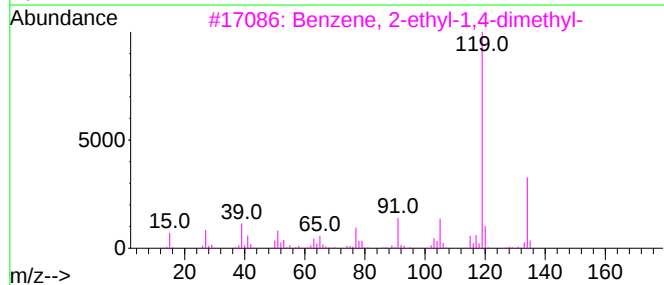
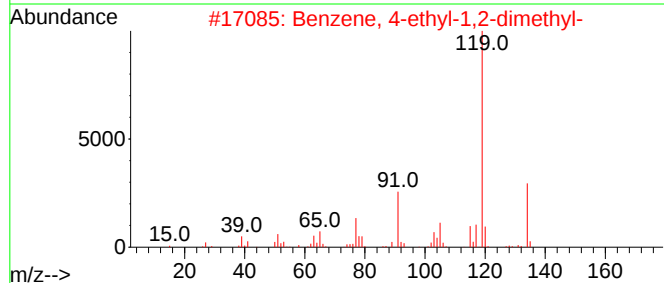
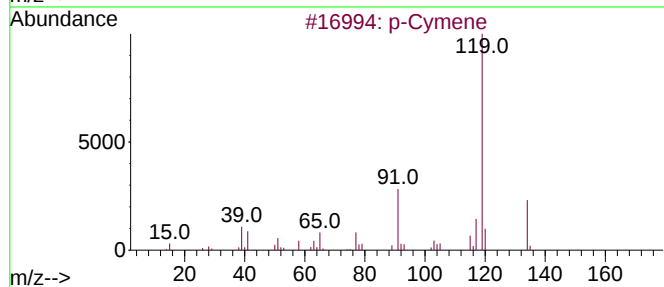
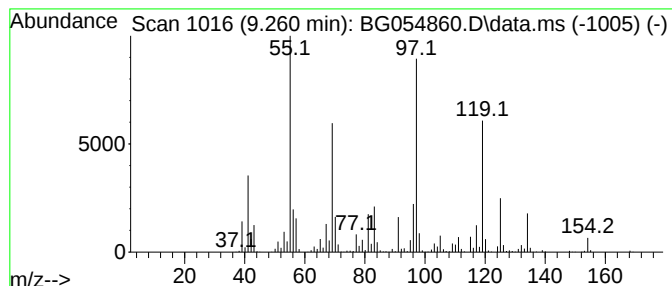
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.260	39.18 ng	3927200	1,4-Dichlorobenzene-d4	8.155

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	59
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	56
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
4			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	25
5			o-Cymene	134	C10H14	000527-84-4	25



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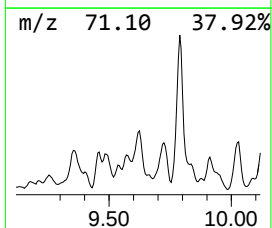
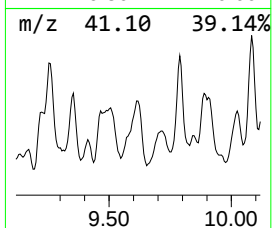
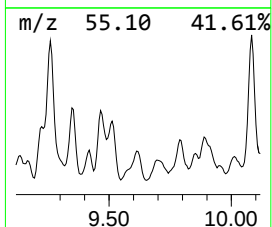
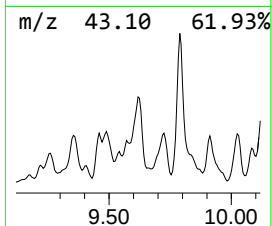
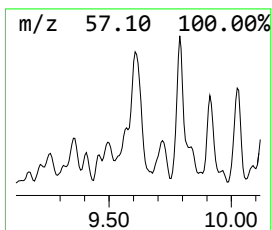
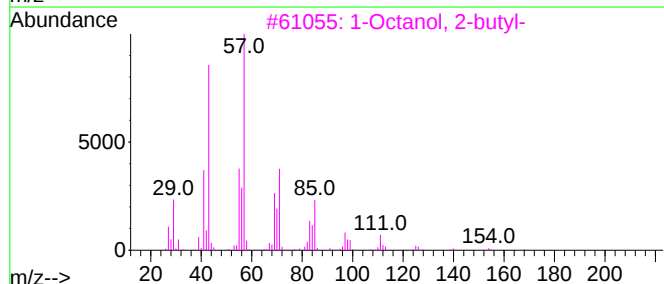
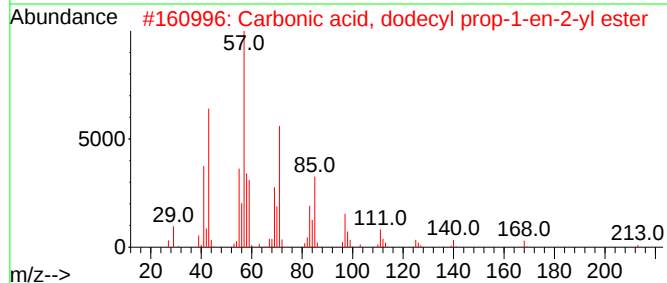
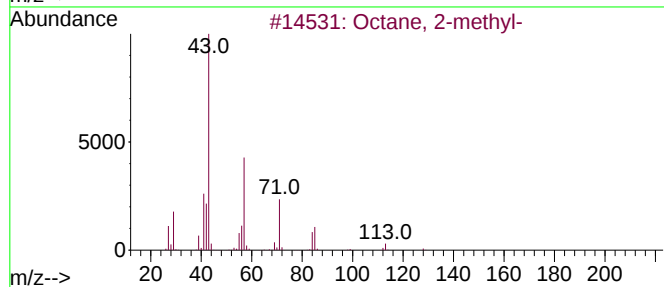
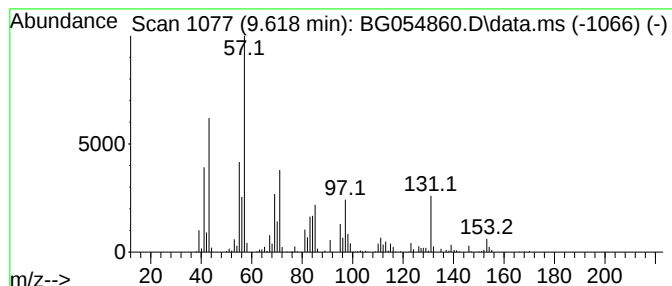
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown9.618 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	29.05 ng	1741740	Naphthalene-d8	10.981

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-		128	C9H20	003221-61-2	49	
2	Carbonic acid, dodecyl prop-1-en...		270	C16H30O3	1000382-90-7	49	
3	1-Octanol, 2-butyl-		186	C12H26O	003913-02-8	47	
4	Isobutyl nonyl carbonate		244	C14H28O3	959311-27-4	47	
5	Undecane, 3-methyl-		170	C12H26	001002-43-3	43	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

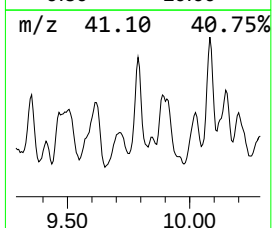
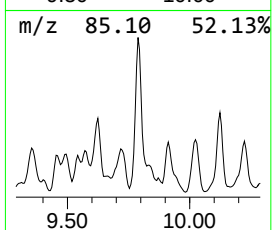
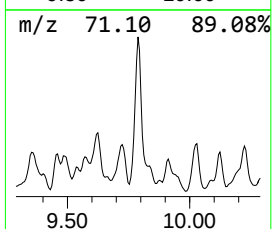
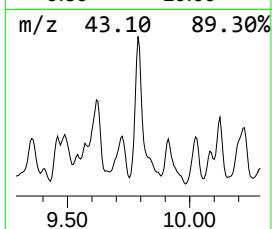
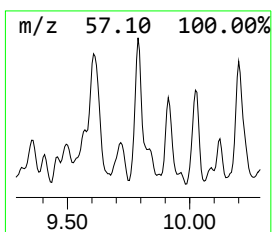
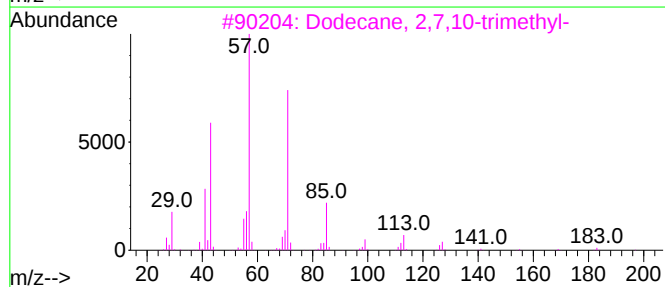
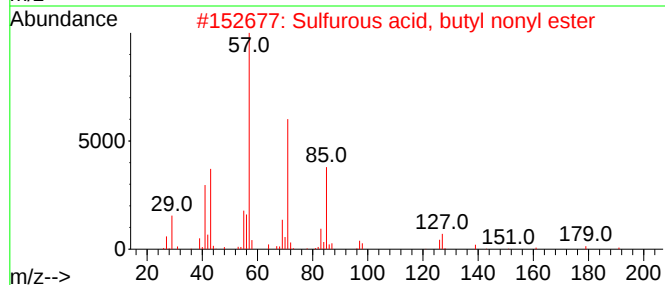
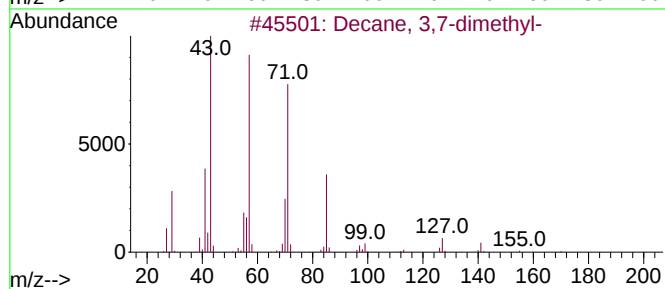
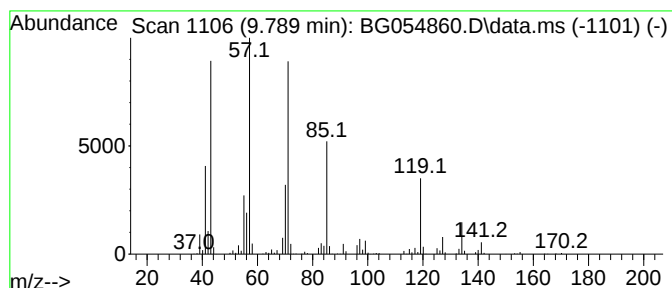
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 3,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.789	31.46 ng	1886580	Naphthalene-d8	10.981

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	91
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4			Undecane, 4-methyl-	170	C12H26	002980-69-0	49
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
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ALS Vial : 12 Sample Multiplier: 1

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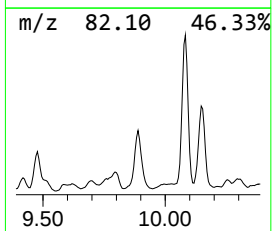
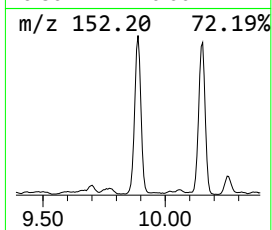
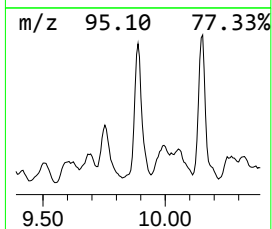
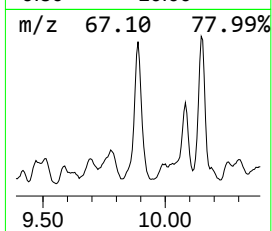
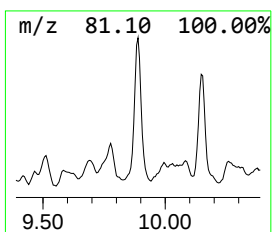
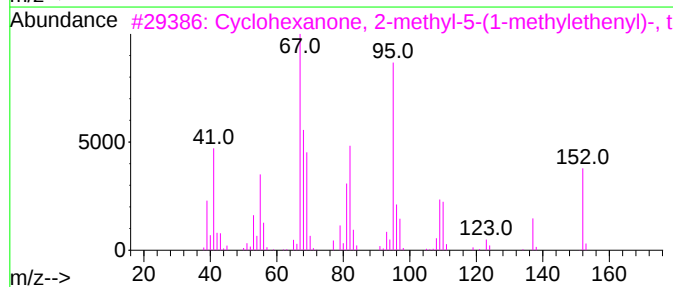
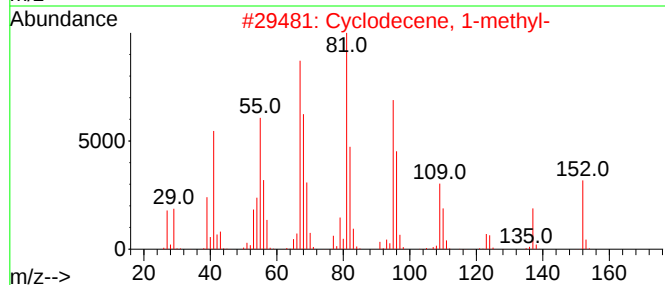
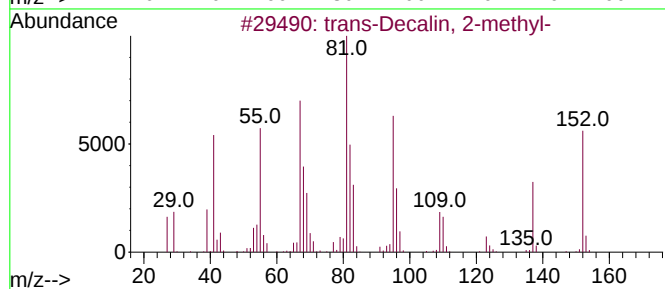
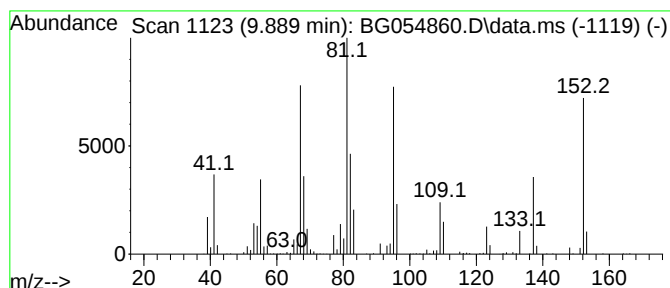
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.889	32.70 ng	1960920	Naphthalene-d8	10.981

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	83
3			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	68
4			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	64
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
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ALS Vial : 12 Sample Multiplier: 1

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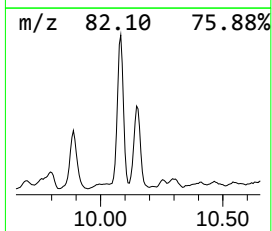
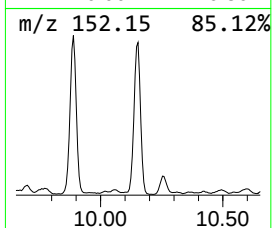
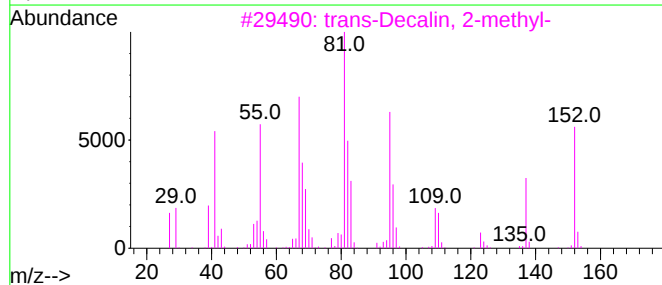
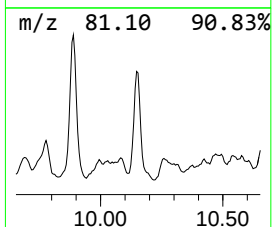
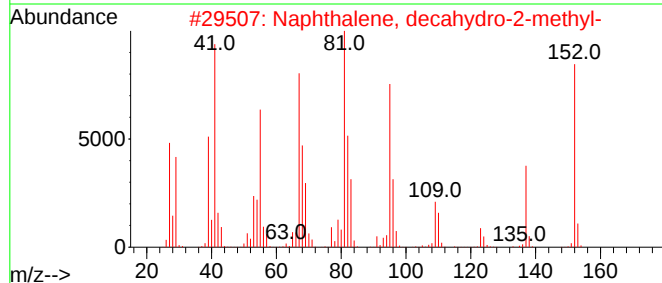
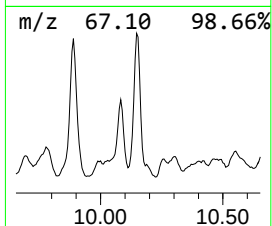
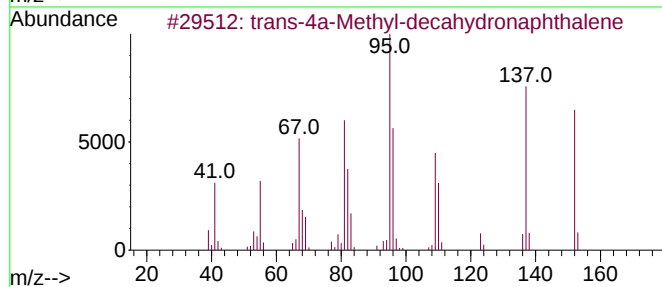
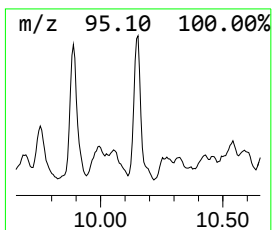
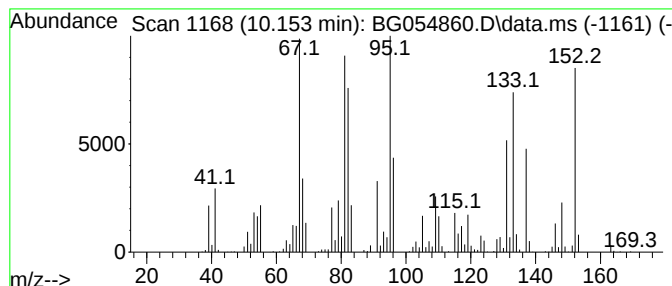
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans-4a-Methyl-decahydrona... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.153	28.11 ng	1685290	Naphthalene-d8	10.981

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	89
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	45
4			9-Octadecyne	250	C18H34	035365-59-4	43
5			Cyclopentene,1-hexyl-	152	C11H20	004291-99-0	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
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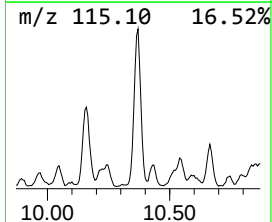
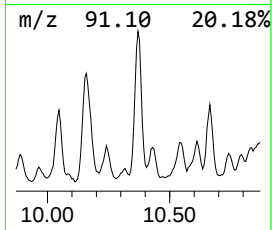
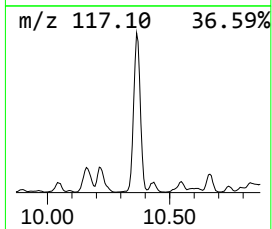
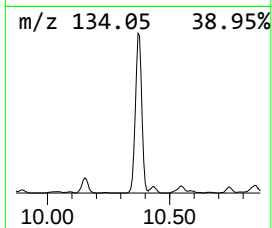
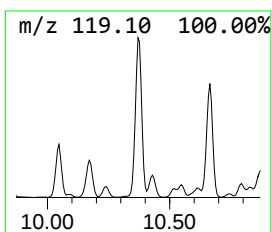
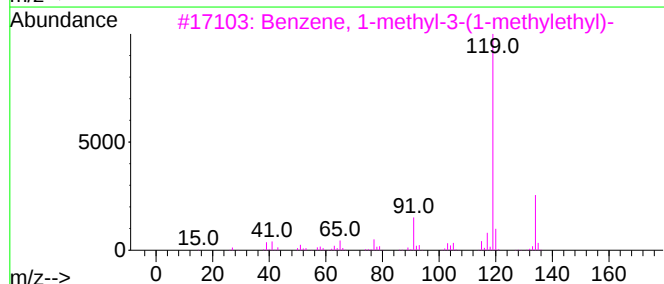
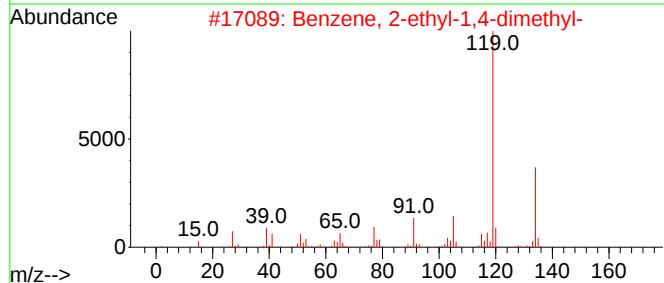
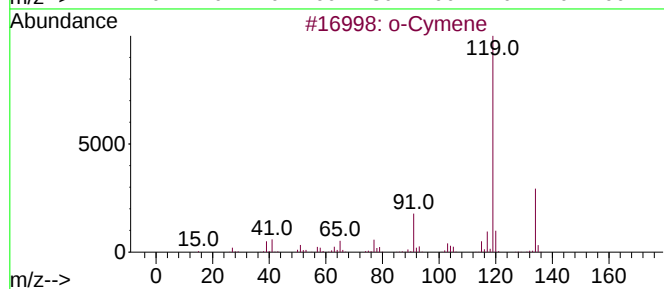
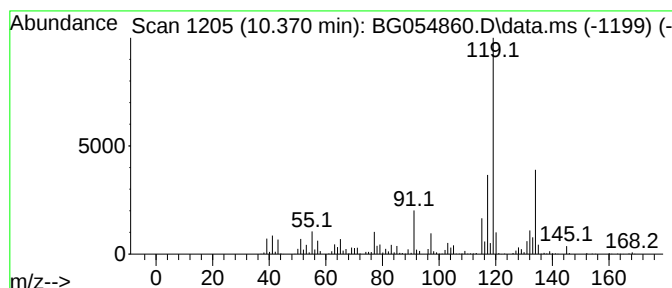
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.370	33.45 ng	2005440	Naphthalene-d8	10.981	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
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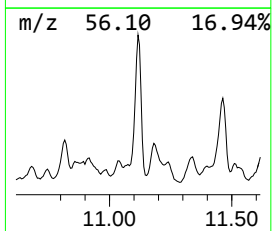
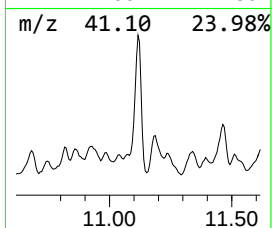
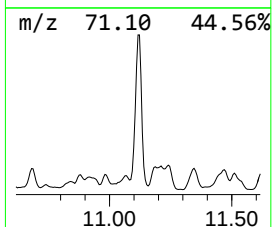
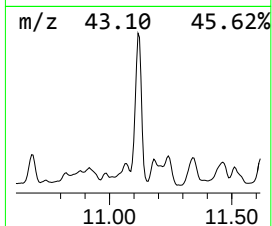
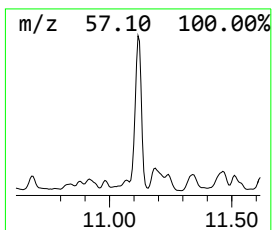
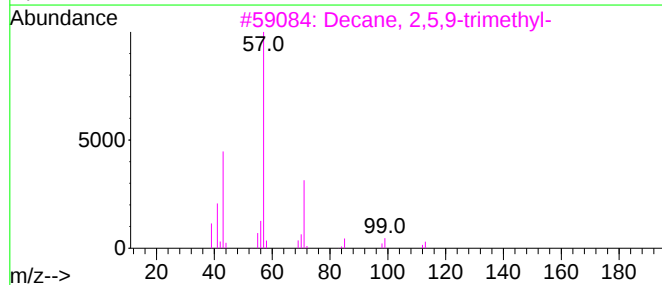
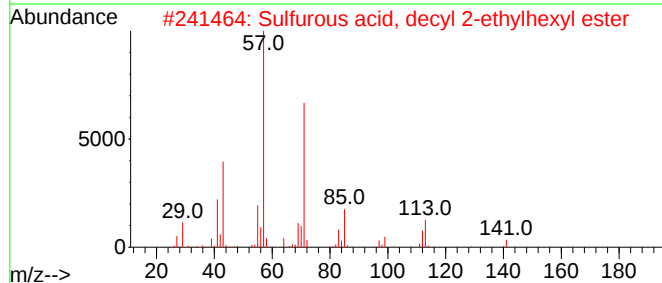
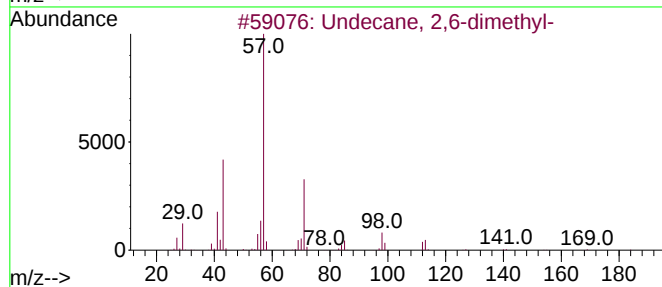
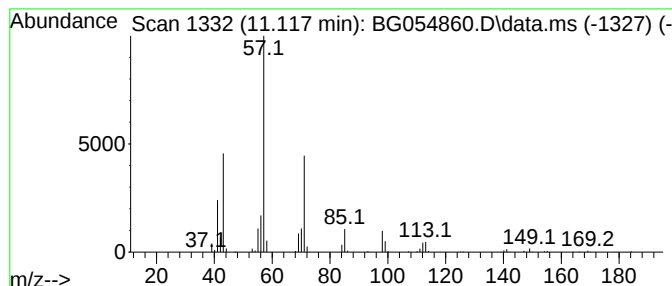
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.117	83.34 ng	4997010	Naphthalene-d8	10.981	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
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ALS Vial : 12 Sample Multiplier: 1

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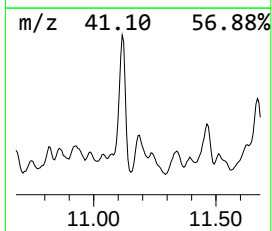
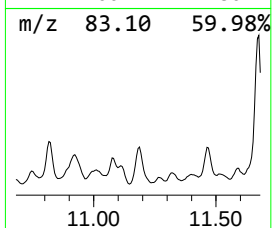
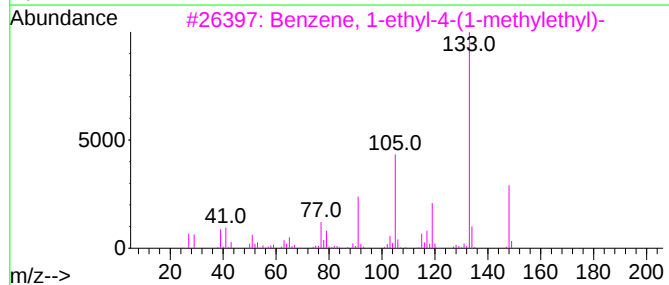
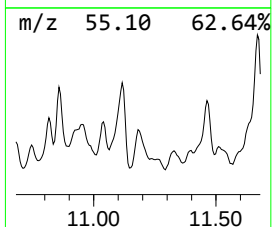
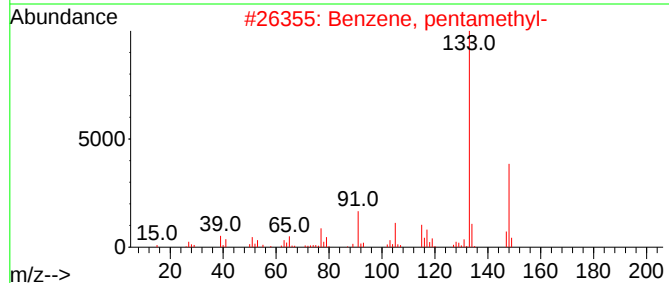
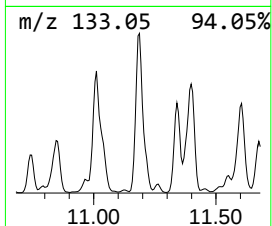
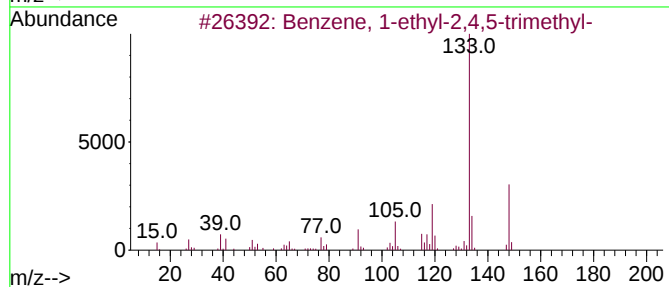
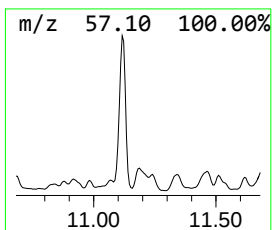
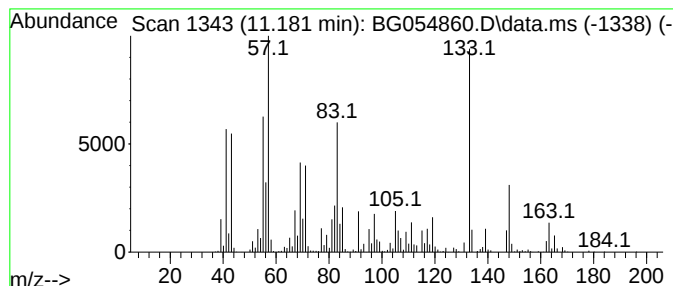
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.181 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	36.92 ng	2213430	Naphthalene-d8	10.981

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
4			4-tert-Butyltoluene	148	C11H16	000098-51-1	42
5			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

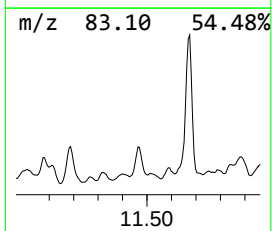
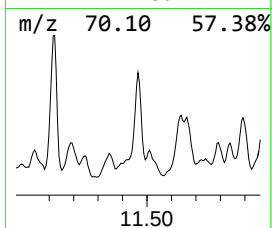
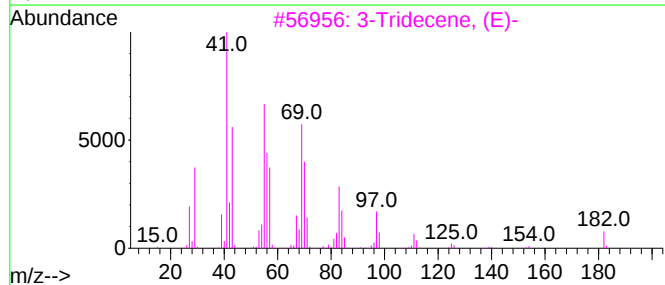
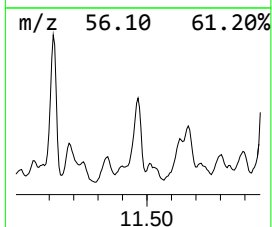
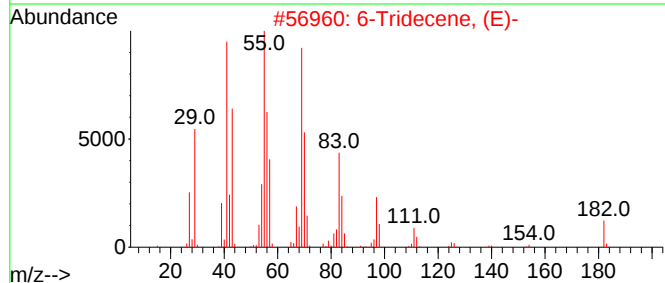
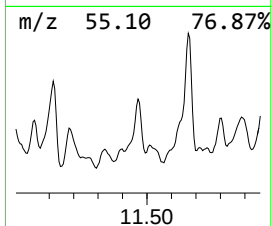
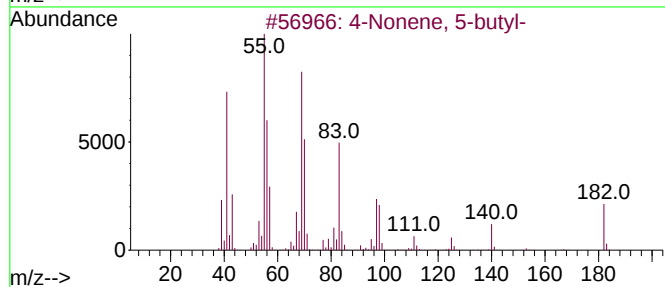
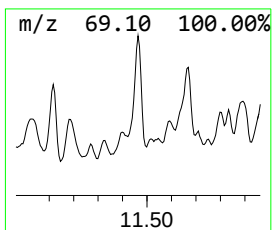
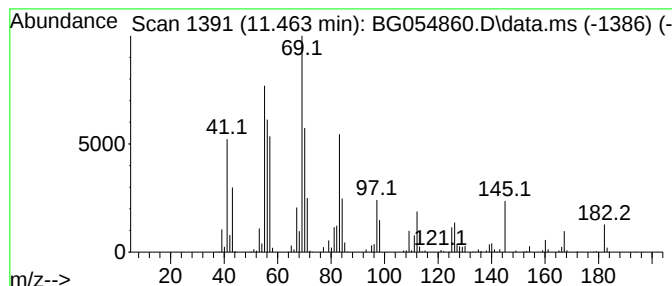
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ClientSampleId :
WC-14-B-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4-Nonene, 5-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.463	29.00 ng	1739140	Naphthalene-d8	10.981	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	90
2	6-Tridecene, (E)-	182	C13H26	006434-76-0	87
3	3-Tridecene, (E)-	182	C13H26	041446-57-5	87
4	6-Tridecene, (Z)-	182	C13H26	006508-77-6	83
5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

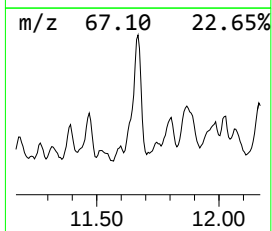
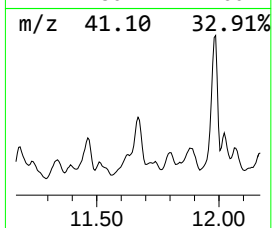
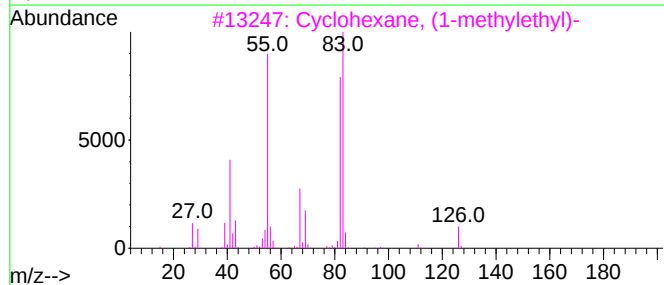
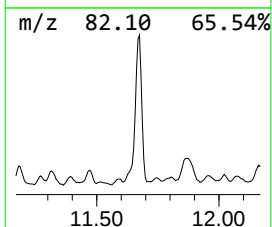
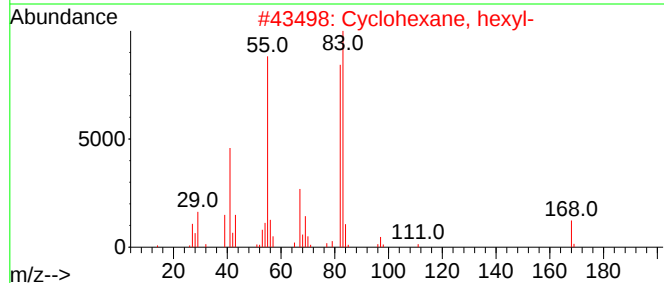
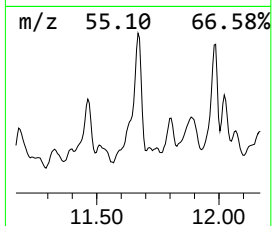
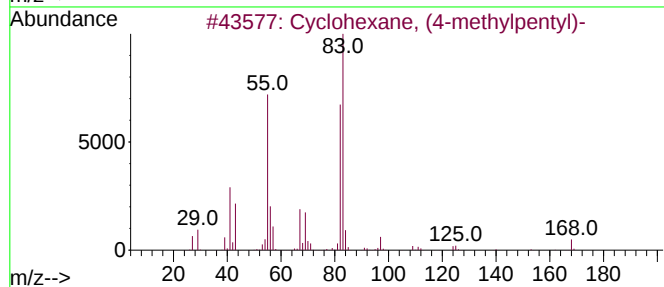
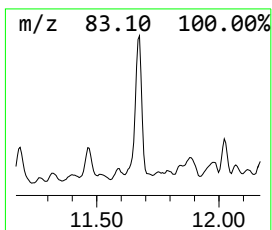
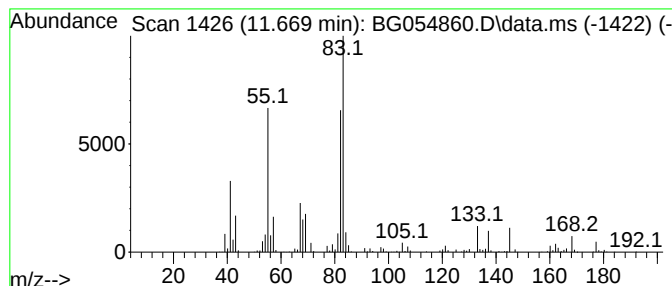
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, (4-methylpentyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	41.14 ng	2466860	Naphthalene-d8	10.981

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	59
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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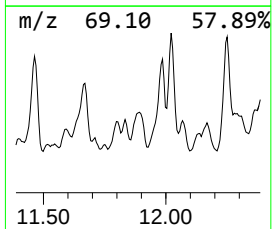
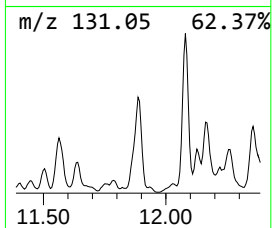
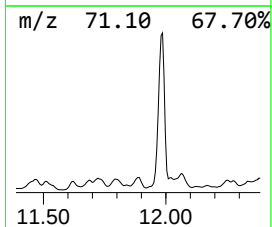
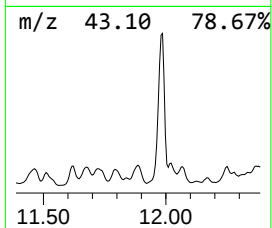
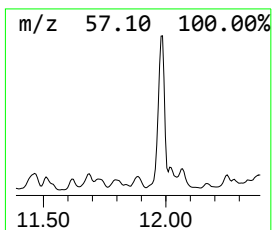
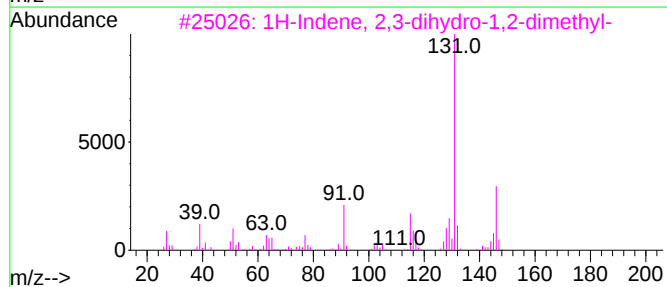
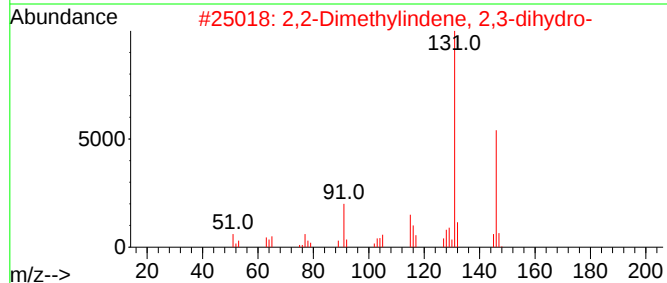
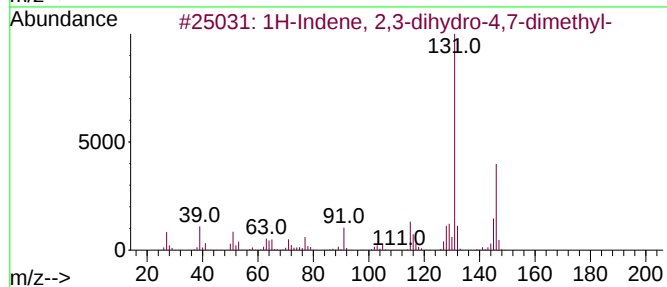
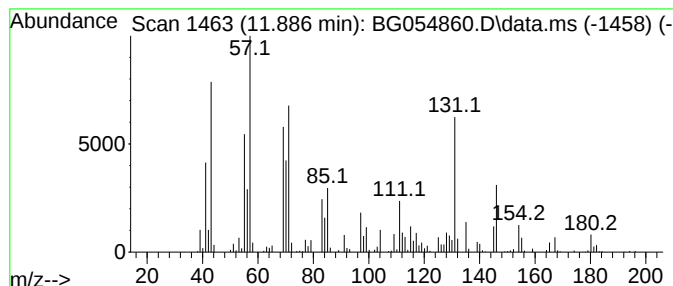
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.886 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	26.87 ng	1611220	Naphthalene-d8	10.981

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35		
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	35		
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35		
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	35		
5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	30		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
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Operator : CG/JU
Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

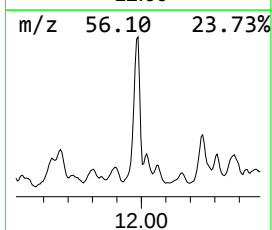
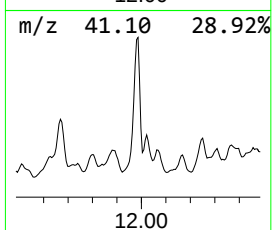
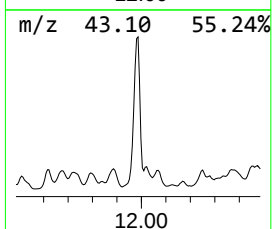
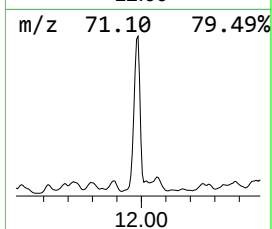
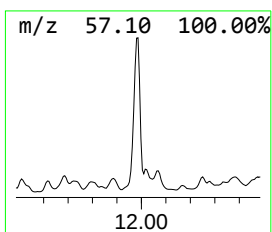
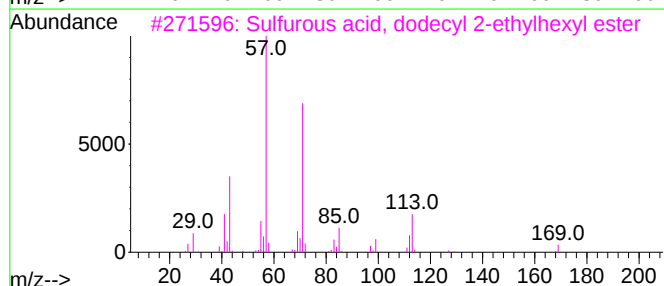
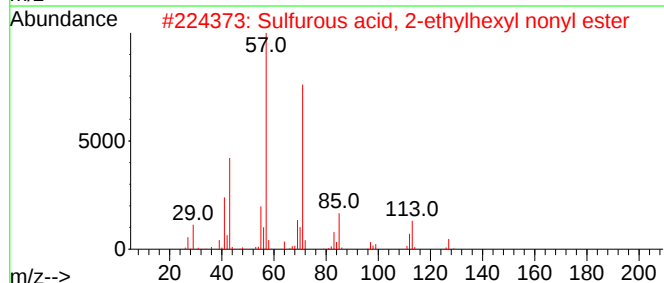
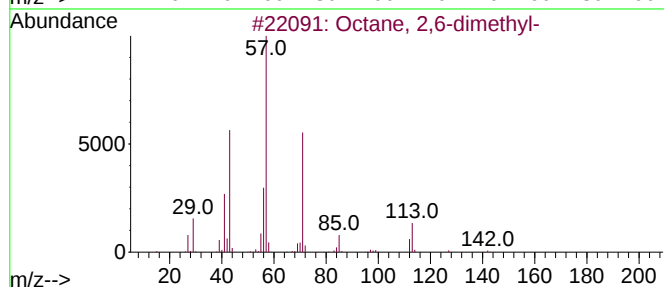
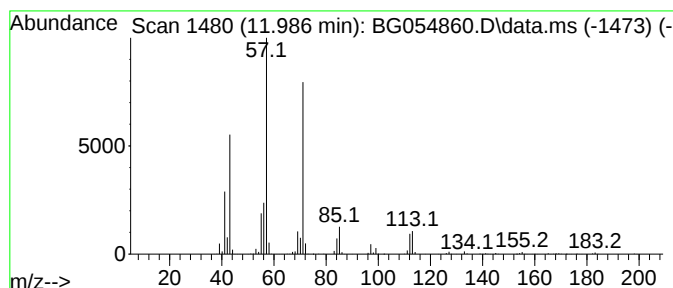
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.986	93.94 ng	5632640	Naphthalene-d8	10.981	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	86
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	78
4	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
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Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

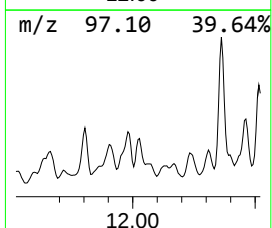
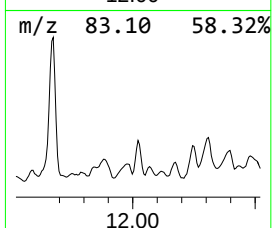
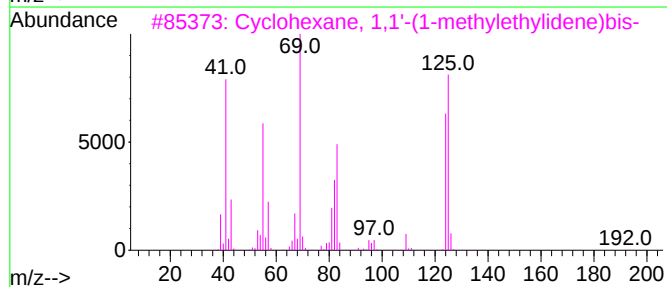
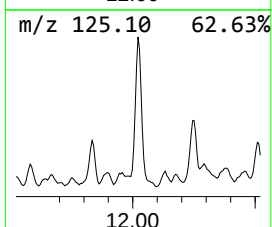
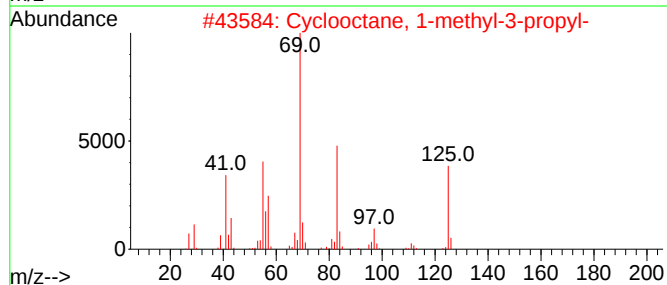
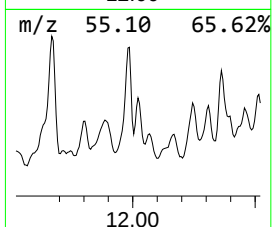
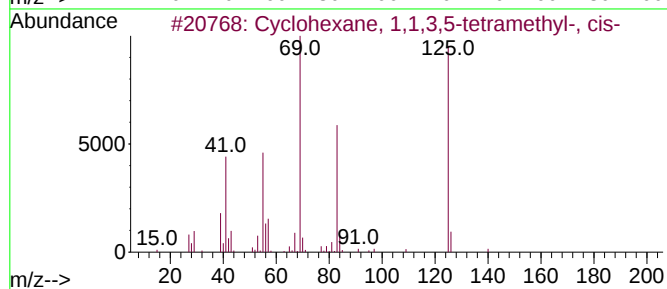
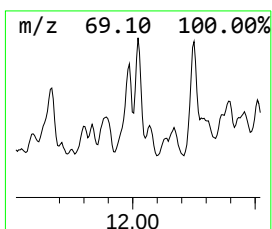
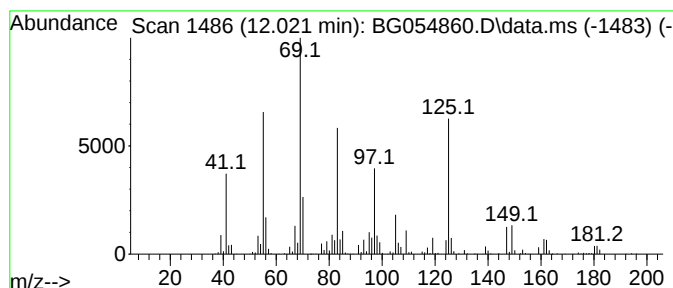
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	28.38 ng	1701810	Naphthalene-d8	10.981
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1,3,5-tetramethyl...	140 C10H20	050876-32-9 53
2		Cyclooctane, 1-methyl-3-propyl-	168 C12H24	255885-37-1 50
3		Cyclohexane, 1,1'-(1-methylethyl...	208 C15H28	054934-90-6 50
4		(1,2,4-Trimethylcyclohexyl)metha...	156 C10H20O	1000499-04-0 50
5		Cyclohexanecarboxylic acid, 4-pr...	382 C23H30N2O3	075941-50-3 50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14-B-SP

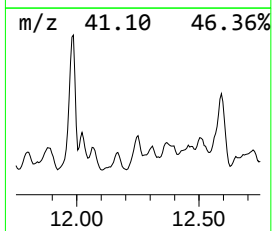
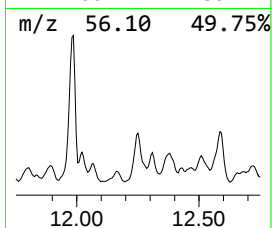
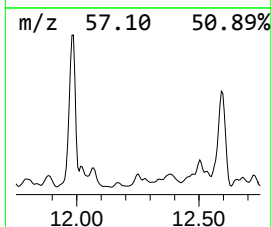
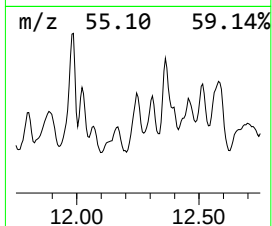
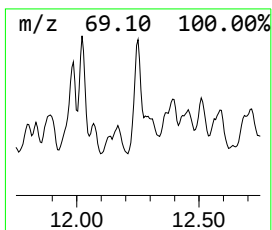
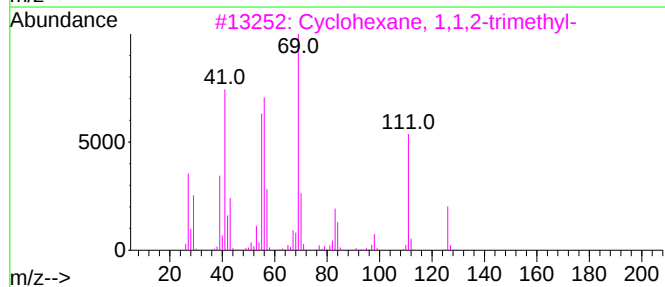
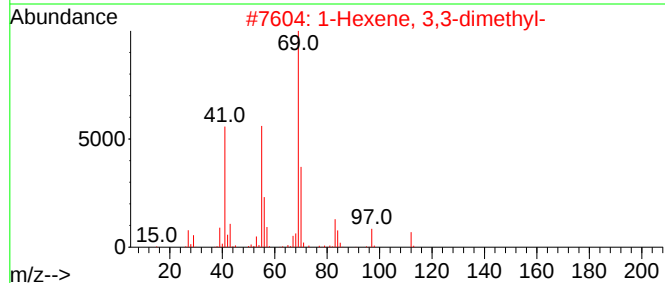
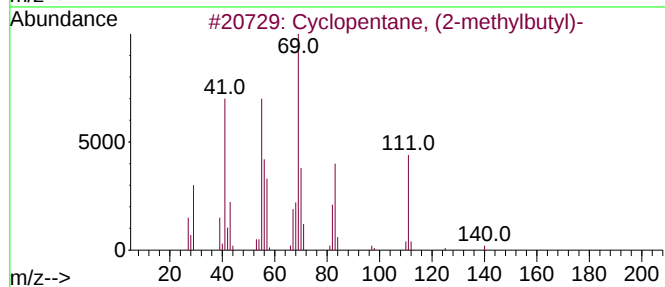
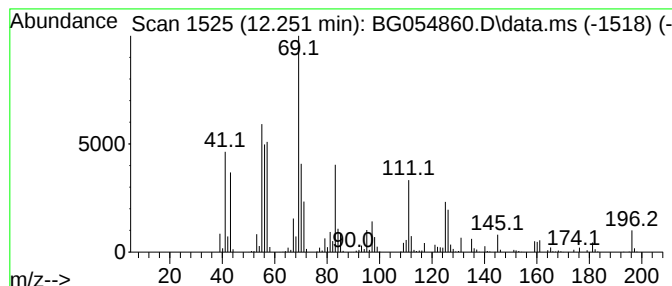
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopentane, (2-methylbutyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	31.77 ng	1904950	Naphthalene-d8	10.981

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	52
2			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
4			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	46
5			Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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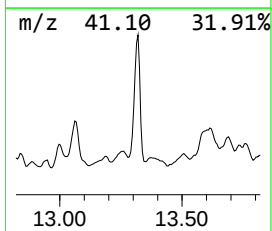
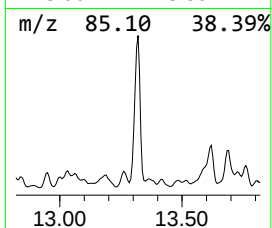
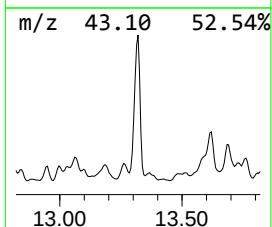
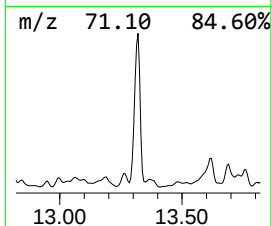
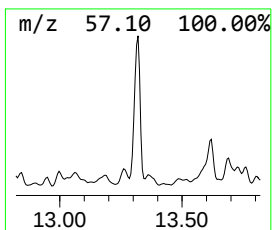
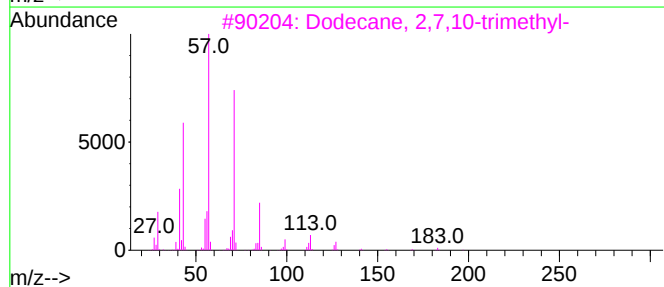
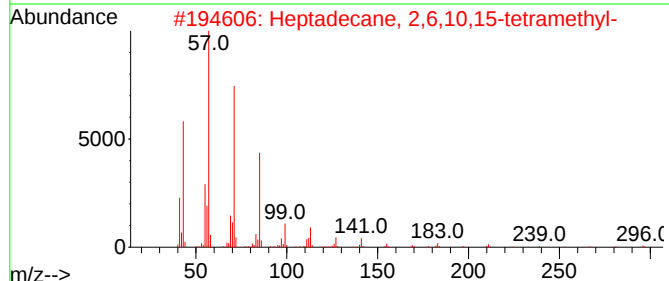
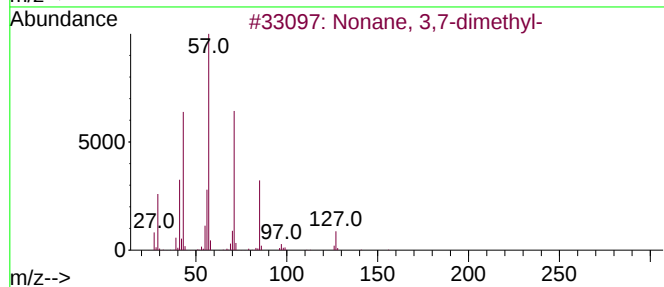
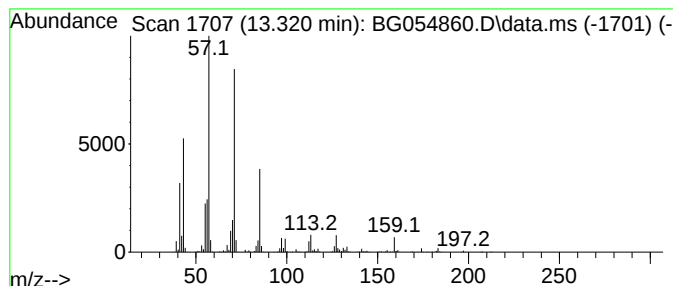
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonane, 3,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.320	43.18 ng	6728360	Acenaphthene-d10	14.795

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

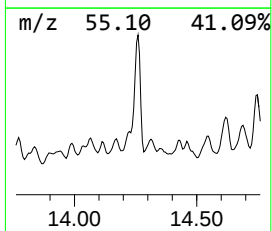
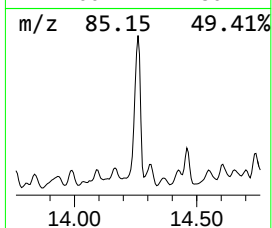
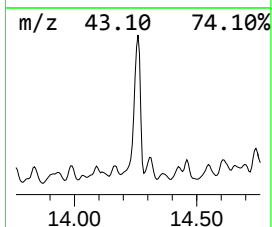
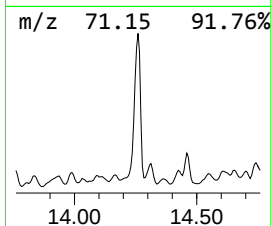
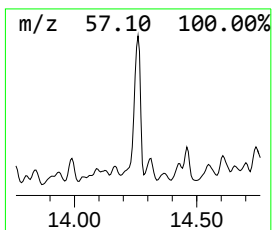
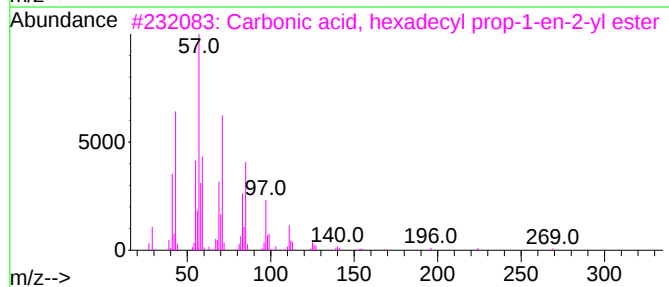
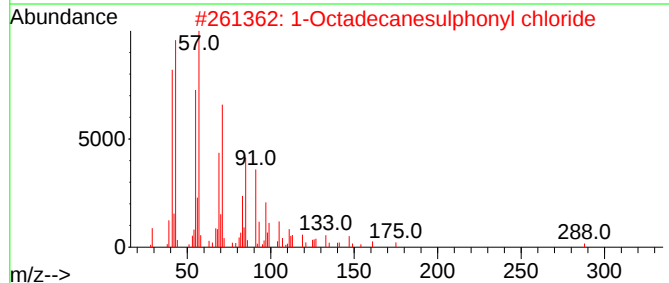
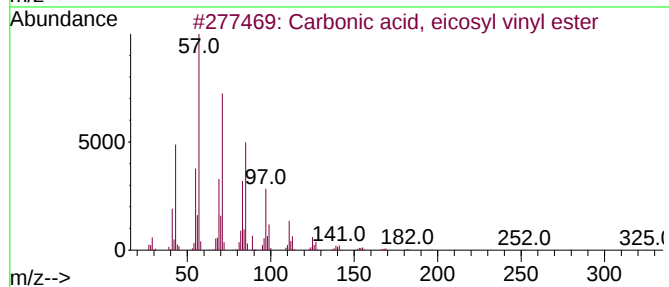
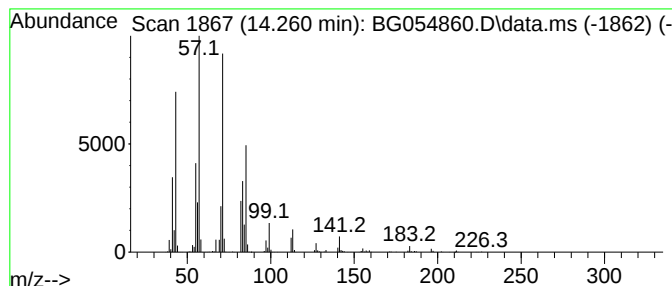
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Carbonic acid, eicosyl vinyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.260	51.01 ng	7948210	Acenaphthene-d10	14.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	86
4			Hexadecane	226	C16H34	000544-76-3	74
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-B-SP

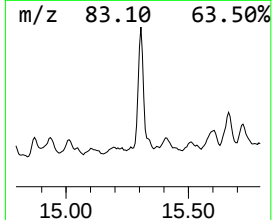
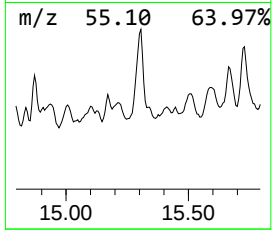
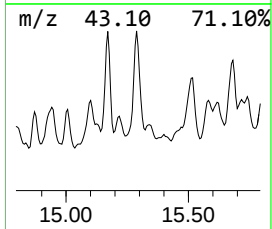
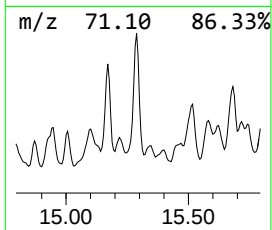
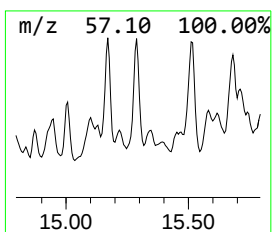
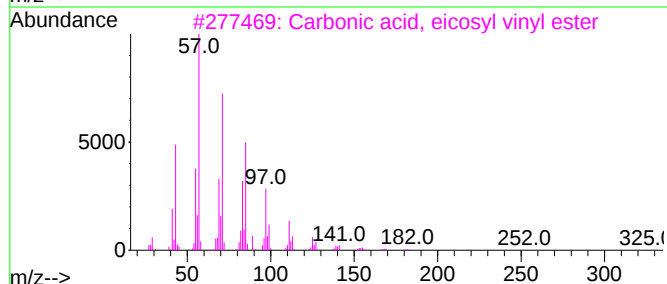
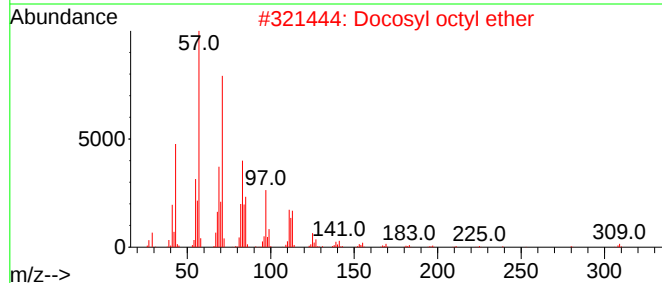
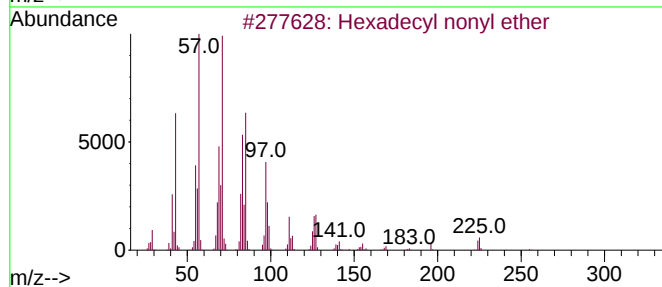
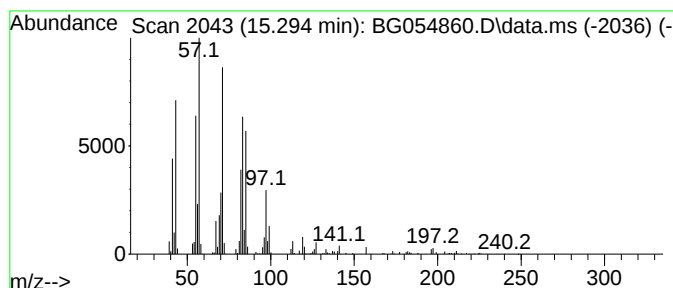
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecyl nonyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	38.72 ng	6033520	Acenaphthene-d10	14.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecyl nonyl ether	368	C25H52O	1000406-37-7	64
2			Docosyl octyl ether	438	C30H62O	1000406-38-9	64
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	62
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	59
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

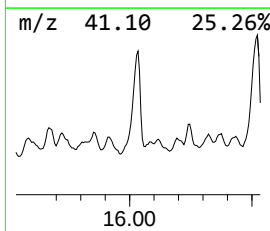
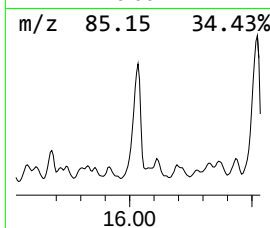
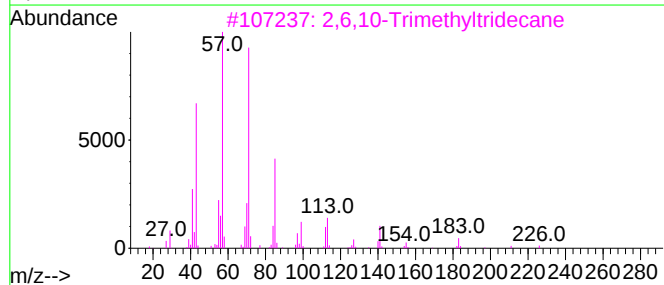
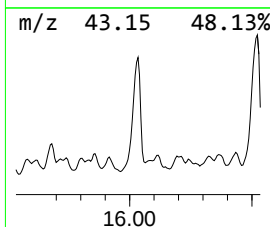
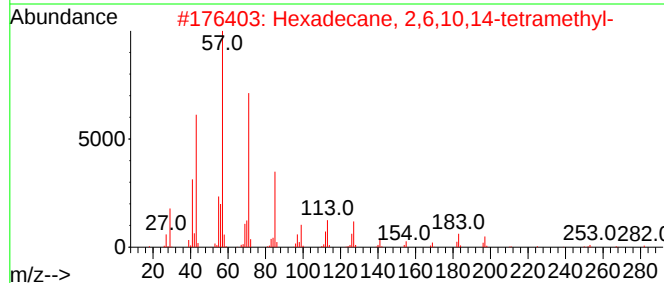
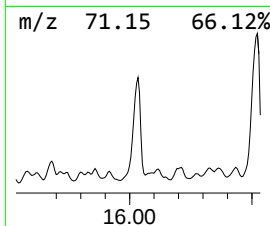
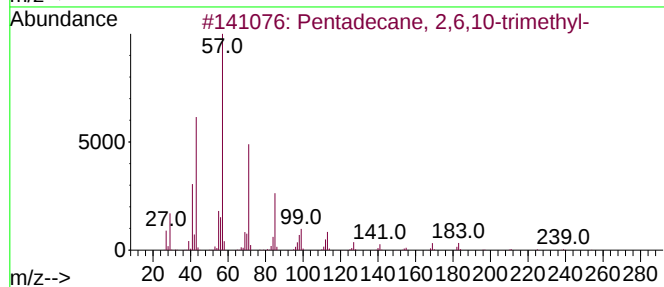
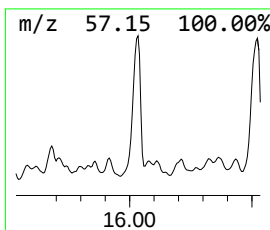
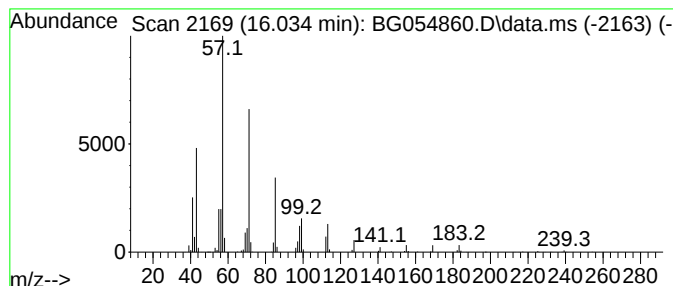
Instrument :
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ClientSampleId :
WC-14-B-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.034	57.22 ng	8916010	Acenaphthene-d10		14.795	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	90
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	80
3	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	80
4	5,5-Dibutylnonane		240	C17H36	006008-17-9	78
5	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054860.D
Acq On : 6 Sep 2022 20:42
Operator : CG/JU
Sample : N4490-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

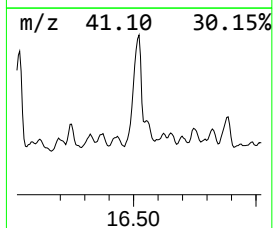
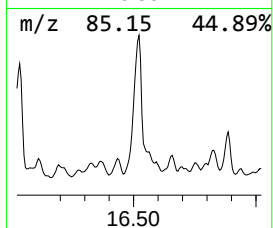
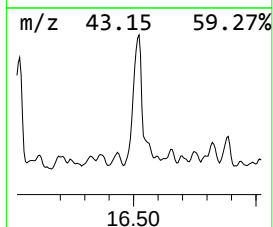
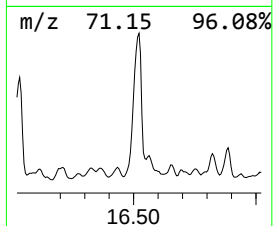
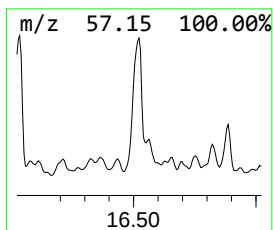
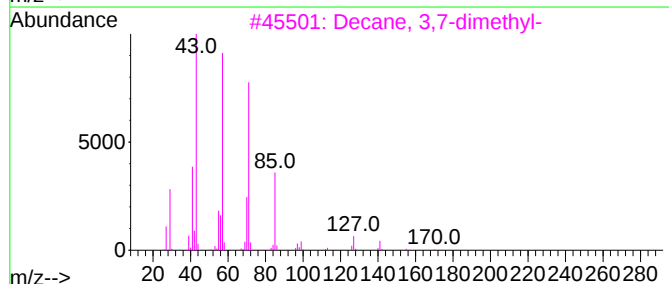
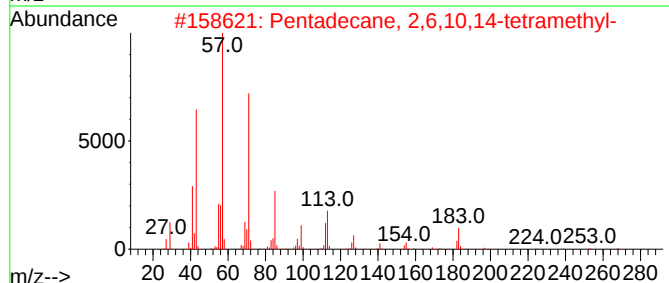
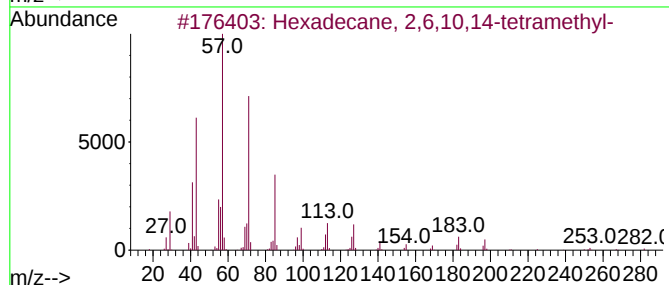
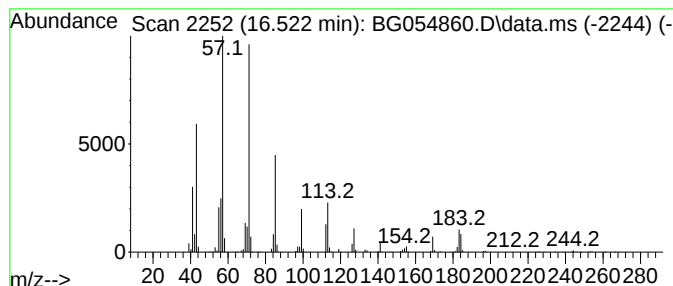
Instrument :
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ClientSampleId :
WC-14-B-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.522	32.54 ng	12308400	Phenanthrene-d10	17.550	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Tridecane	184	C13H28	000629-50-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054860.D
 Acq On : 6 Sep 2022 20:42
 Operator : CG/JU
 Sample : N4490-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14-B-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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p-Cymene	9.260	39.2	ng	3927200	1	8.155	2004650	20.0
unknown9.618	9.618	29.1	ng	1741740	2	10.981	1199200	20.0
Decane, 3,7-dim...	9.789	31.5	ng	1886580	2	10.981	1199200	20.0
trans-Decalin, ...	9.889	32.7	ng	1960920	2	10.981	1199200	20.0
trans-4a-Methyl...	10.153	28.1	ng	1685290	2	10.981	1199200	20.0
o-Cymene	10.370	33.5	ng	2005440	2	10.981	1199200	20.0
Undecane, 2,6-d...	11.117	83.3	ng	4997010	2	10.981	1199200	20.0
unknown11.181	11.181	36.9	ng	2213430	2	10.981	1199200	20.0
4-Nonene, 5-butyl-	11.463	29.0	ng	1739140	2	10.981	1199200	20.0
Cyclohexane, (4...	11.669	41.1	ng	2466860	2	10.981	1199200	20.0
unknown11.886	11.886	26.9	ng	1611220	2	10.981	1199200	20.0
Octane, 2,6-dim...	11.986	93.9	ng	5632640	2	10.981	1199200	20.0
Cyclohexane, 1,...	12.021	28.4	ng	1701810	2	10.981	1199200	20.0
Cyclopentane, (...	12.251	31.8	ng	1904950	2	10.981	1199200	20.0
Nonane, 3,7-dim...	13.320	43.2	ng	6728360	3	14.795	3116190	20.0
Carbonic acid, ...	14.260	51.0	ng	7948210	3	14.795	3116190	20.0
Hexadecyl nonyl...	15.294	38.7	ng	6033520	3	14.795	3116190	20.0
Pentadecane, 2,...	16.034	57.2	ng	8916010	3	14.795	3116190	20.0
Hexadecane, 2,6...	16.522	32.5	ng	12308400	4	17.550	7564050	20.0