

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057524.D
 Acq On : 23 May 2023 18:00
 Operator : CG/JU
 Sample : 02892-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-30

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-BG042723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057524.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.875	389	398	406	rVB	279142	481644	5.91%	0.358%
2	7.497	665	674	691	rVB4	319597	822487	10.10%	0.612%
3	8.301	806	811	816	rVV	382501	654589	8.04%	0.487%
4	8.636	863	868	875	rVV2	217620	408562	5.02%	0.304%
5	8.854	898	905	911	rBV2	184900	479298	5.89%	0.357%
6	8.918	911	916	923	rVB3	192170	381241	4.68%	0.284%
7	8.995	923	929	937	rBV5	176691	429737	5.28%	0.320%
8	9.206	959	965	969	rBV3	257195	520549	6.39%	0.387%
9	9.464	998	1009	1016	rBV2	612614	1487433	18.26%	1.106%
10	9.553	1017	1024	1031	rVB5	412066	894335	10.98%	0.665%
11	9.688	1039	1047	1050	rBV6	192273	517958	6.36%	0.385%
12	9.823	1063	1070	1078	rVB3	308003	798956	9.81%	0.594%
13	9.923	1079	1087	1093	rBV8	154770	490707	6.03%	0.365%
14	9.993	1094	1099	1105	rVV2	558526	1052269	12.92%	0.783%
15	10.058	1105	1110	1113	rVV2	235386	415703	5.10%	0.309%
16	10.105	1113	1118	1126	rVB2	417814	816185	10.02%	0.607%
17	10.228	1132	1139	1141	rBV3	184213	393078	4.83%	0.292%
18	10.287	1146	1149	1157	rVB2	404690	632828	7.77%	0.471%
19	10.363	1157	1162	1166	rBV2	508327	883518	10.85%	0.657%
20	10.493	1180	1184	1192	rVB5	163052	301563	3.70%	0.224%
21	10.581	1193	1199	1205	rBV2	557865	1136998	13.96%	0.846%
22	10.757	1220	1229	1236	rBV6	217348	627237	7.70%	0.467%
23	10.874	1244	1249	1256	rVB2	323776	688544	8.45%	0.512%
24	10.951	1257	1262	1266	rBV5	146231	295700	3.63%	0.220%
25	11.068	1278	1282	1289	rBV4	243108	565660	6.95%	0.421%
26	11.162	1295	1298	1302	rVB2	272366	375563	4.61%	0.279%
27	11.321	1318	1325	1330	rVB2	1510106	2994611	36.77%	2.227%
28	11.391	1330	1337	1343	rBV3	503621	1138963	13.99%	0.847%
29	11.550	1357	1364	1369	rBV7	222203	486757	5.98%	0.362%
30	11.609	1369	1374	1377	rBV3	194091	337028	4.14%	0.251%
31	11.673	1382	1385	1389	rVB4	250927	372585	4.57%	0.277%
32	11.873	1411	1419	1429	rVB8	782298	1971935	24.21%	1.467%
33	11.996	1436	1440	1449	rVB8	291108	682711	8.38%	0.508%
34	12.096	1449	1457	1462	rBV	574808	1240608	15.23%	0.923%
35	12.178	1464	1471	1475	rVV	1619411	2657585	32.63%	1.977%
36	12.220	1475	1478	1482	rVV3	364856	685018	8.41%	0.510%

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.278	1483	1488	1494	rVB4	439873	948031	11.64%	0.705%
38	12.372	1499	1504	1509	rBV4	523651	945930	11.61%	0.704%
39	12.560	1531	1536	1545	rBV5	434382	1242220	15.25%	0.924%
40	12.778	1566	1573	1578	rVB5	658078	1445023	17.74%	1.075%
41	12.842	1578	1584	1590	rVB	1456199	2405670	29.54%	1.789%
42	12.907	1591	1595	1600	rVB3	411481	637881	7.83%	0.474%
43	12.972	1600	1606	1611	rBV8	310309	937765	11.51%	0.698%
44	13.060	1612	1621	1627	rVB	1163808	2401310	29.49%	1.786%
45	13.118	1627	1631	1637	rVB3	416822	694585	8.53%	0.517%
46	13.183	1639	1642	1647	rBV6	195409	404910	4.97%	0.301%
47	13.253	1649	1654	1662	rVB4	709211	1347036	16.54%	1.002%
48	13.436	1682	1685	1689	rVB3	335076	451773	5.55%	0.336%
49	13.500	1689	1696	1705	rBV	2115733	3678910	45.17%	2.736%
50	13.600	1709	1713	1717	rVB3	520862	805886	9.90%	0.599%
51	13.770	1737	1742	1744	rBV	632157	1086709	13.34%	0.808%
52	13.864	1754	1758	1762	rBV4	385214	746383	9.16%	0.555%
53	14.017	1780	1784	1792	rVB	831693	1647645	20.23%	1.226%
54	14.170	1802	1810	1816	rVB	1895832	4803105	58.98%	3.573%
55	14.317	1828	1835	1840	rBV	2249156	5279314	64.82%	3.927%
56	14.376	1840	1845	1848	rVV	1754604	2907931	35.71%	2.163%
57	14.428	1848	1854	1859	rVV3	2982992	6333974	77.77%	4.711%
58	14.481	1859	1863	1867	rVB3	387119	586653	7.20%	0.436%
59	14.552	1867	1875	1878	rBV2	1123664	2264700	27.81%	1.685%
60	14.581	1878	1880	1885	rVV3	542518	743439	9.13%	0.553%
61	14.628	1885	1888	1892	rVB2	482330	619951	7.61%	0.461%
62	14.716	1898	1903	1909	rBV2	1237422	2152534	26.43%	1.601%
63	14.775	1909	1913	1914	rBV3	293053	391847	4.81%	0.291%
64	14.810	1915	1919	1924	rVB2	1134961	1799652	22.10%	1.339%
65	14.951	1940	1943	1951	rVB5	545943	1126914	13.84%	0.838%
66	15.186	1976	1983	1991	rBV	1348850	3578583	43.94%	2.662%
67	15.263	1991	1996	2003	rBV4	650446	1378027	16.92%	1.025%
68	15.374	2010	2015	2020	rVB2	1923139	3218307	39.52%	2.394%
69	15.451	2023	2028	2036	rVV3	1963257	3264800	40.09%	2.428%
70	15.592	2047	2052	2057	rBV	1529358	2902467	35.64%	2.159%
71	15.650	2057	2062	2073	rVB2	1520262	3050790	37.46%	2.269%
72	15.762	2073	2081	2085	rBV3	1410418	3348124	41.11%	2.490%
73	15.797	2085	2087	2090	rVB	510149	563554	6.92%	0.419%
74	16.014	2120	2124	2128	rBV2	650754	918135	11.27%	0.683%
75	16.061	2130	2132	2138	rVB3	577260	776762	9.54%	0.578%
76	16.185	2144	2153	2157	rBV2	2332723	4457259	54.73%	3.315%

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77	16.226	2157	2160	2165	rVB3	592423	876444	10.76%	0.652%
78	16.279	2166	2169	2174	rBV4	439369	846449	10.39%	0.630%
79	16.467	2197	2201	2207	rBV6	690388	1482814	18.21%	1.103%
80	16.526	2208	2211	2215	rVB	564834	722397	8.87%	0.537%
81	16.666	2229	2235	2248	rVB3	3942768	8144053	100.00%	6.058%
82	16.825	2257	2262	2266	rVB2	547842	902899	11.09%	0.672%
83	17.084	2302	2306	2310	rBV2	1005824	1529969	18.79%	1.138%
84	17.230	2327	2331	2332	rBV2	436728	569333	6.99%	0.423%
85	17.477	2368	2373	2377	rVB	1604369	2358050	28.95%	1.754%
86	17.771	2419	2423	2427	rBV	543500	761943	9.36%	0.567%
87	17.912	2441	2447	2451	rBV5	509440	1022738	12.56%	0.761%
88	18.076	2472	2475	2479	rVB3	404852	494464	6.07%	0.368%
89	18.593	2559	2563	2567	rBV	593249	954401	11.72%	0.710%
90	18.640	2568	2571	2576	rVB	789461	1102095	13.53%	0.820%
91	18.775	2589	2594	2599	rVB2	356421	692589	8.50%	0.515%
92	19.369	2692	2695	2699	rVV	336514	427131	5.24%	0.318%
93	19.410	2699	2702	2705	rVB	261350	306373	3.76%	0.228%
94	19.492	2711	2716	2720	rBV	679674	982664	12.07%	0.731%
95	19.621	2734	2738	2743	rBV2	169154	286184	3.51%	0.213%
96	20.109	2818	2821	2826	rVB	277213	385397	4.73%	0.287%
97	20.168	2827	2831	2837	rVB2	223836	387762	4.76%	0.288%
98	20.279	2846	2850	2855	rVB	825549	1063193	13.05%	0.791%
99	22.018	3141	3146	3161	rVB	199081	401184	4.93%	0.298%
100	25.513	3735	3741	3751	rVB	109635	325440	4.00%	0.242%

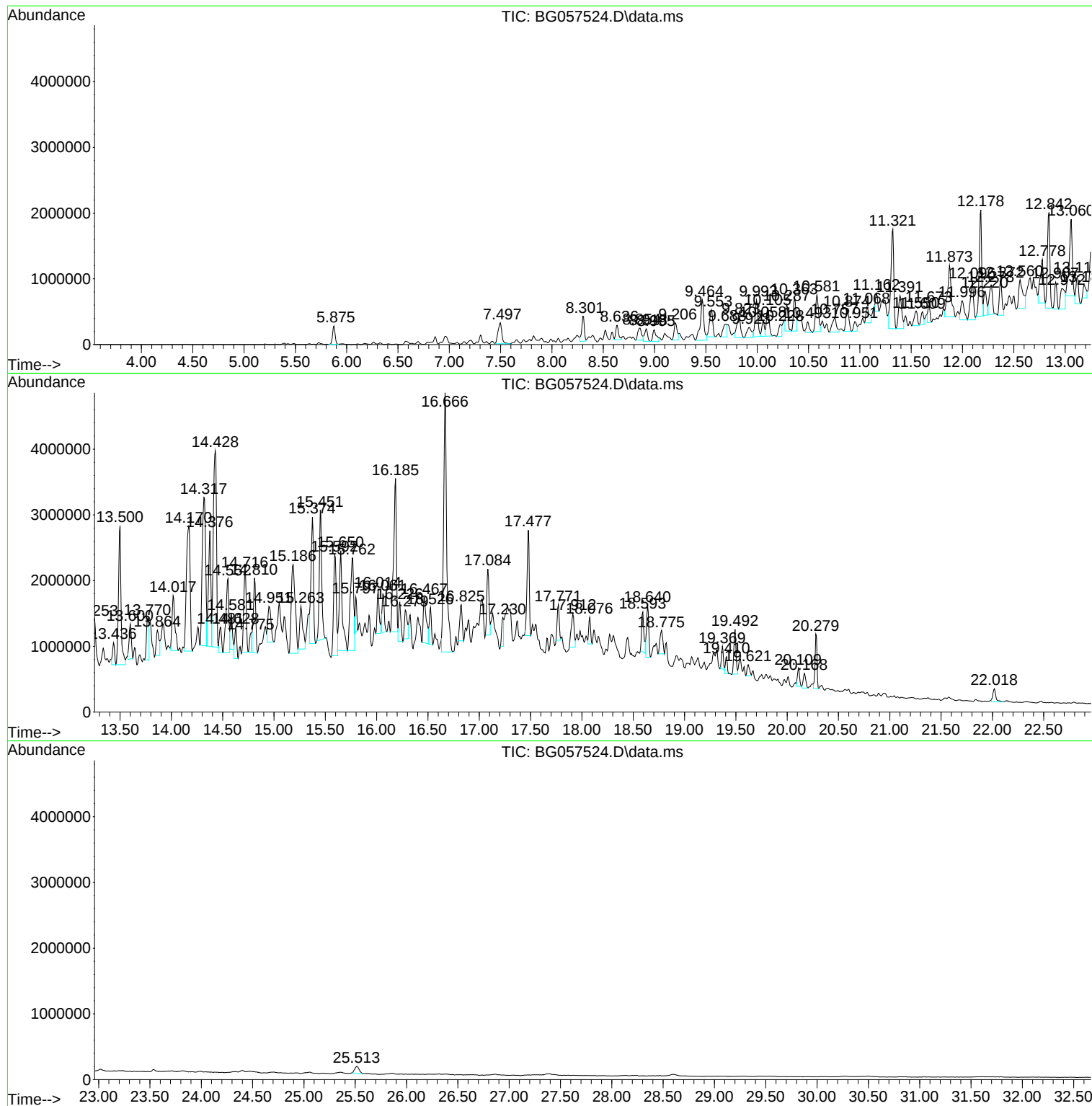
Sum of corrected areas: 134440598

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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Instrument :
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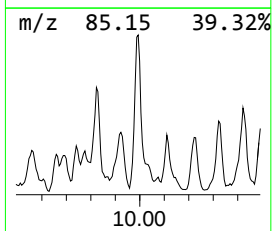
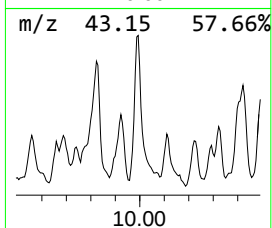
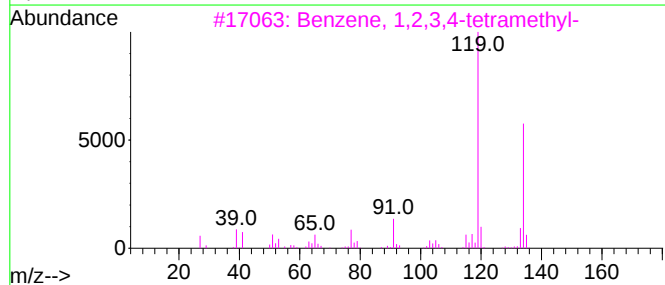
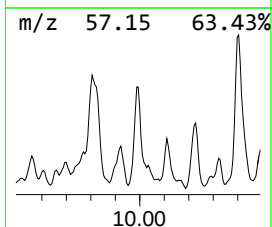
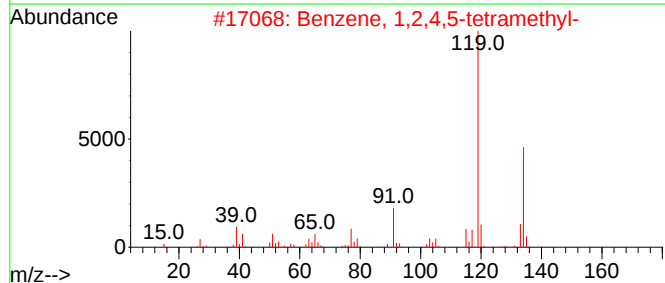
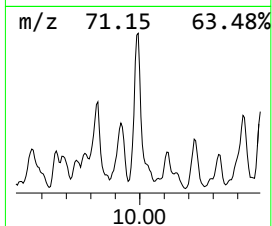
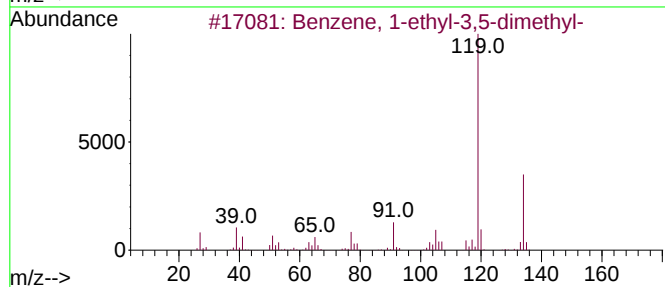
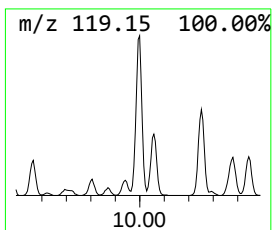
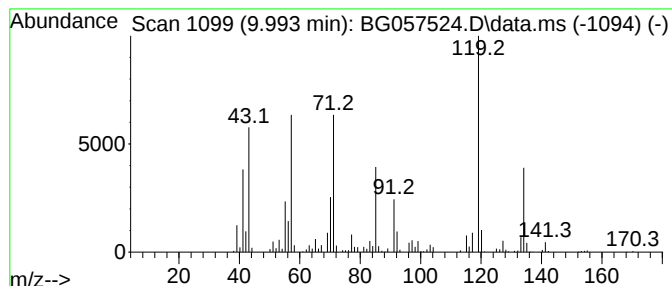
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.993	56.04 ng	1052270	Naphthalene-d8	11.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	55
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55



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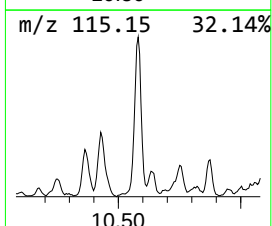
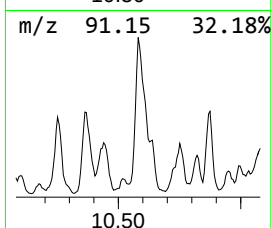
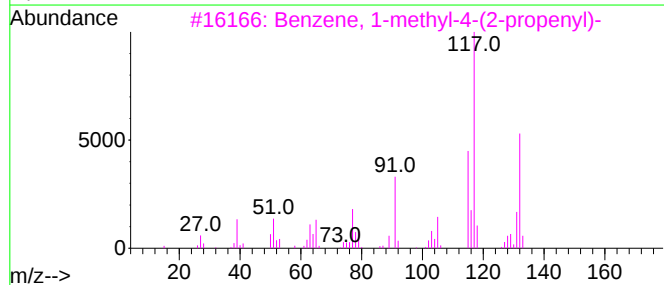
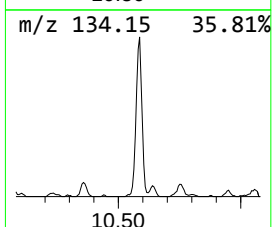
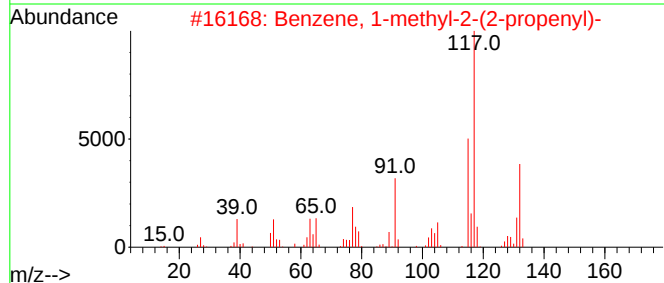
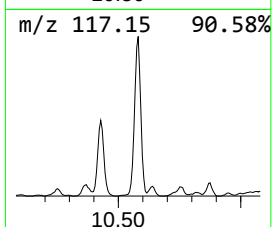
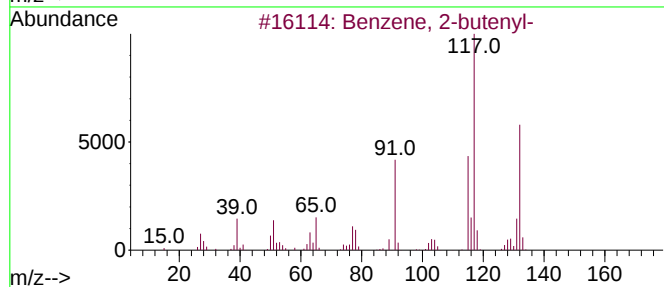
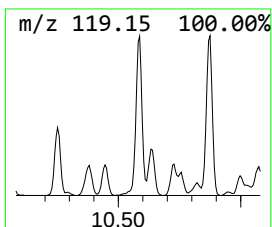
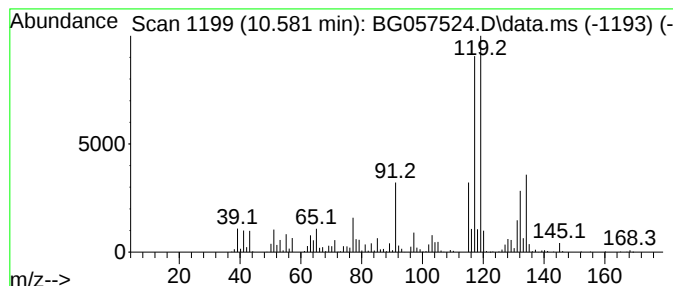
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-butenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.581	60.55 ng	1137000	Naphthalene-d8	11.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	55



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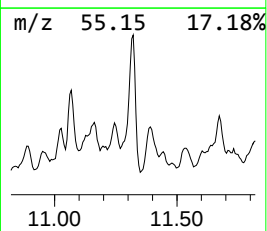
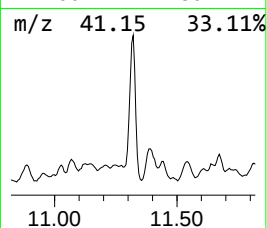
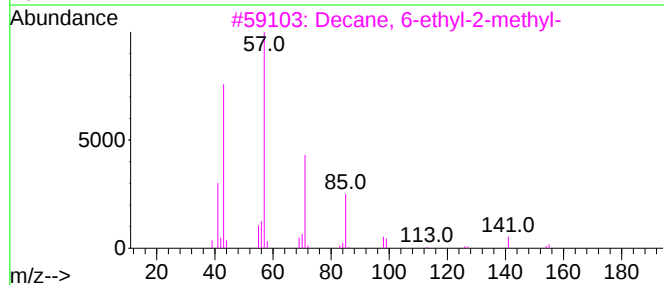
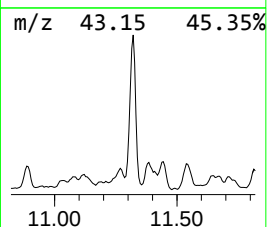
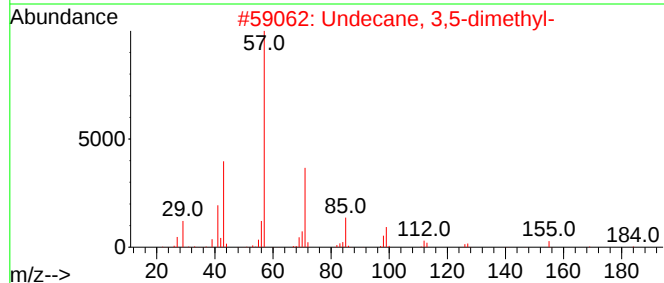
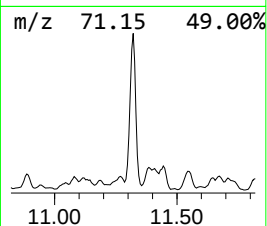
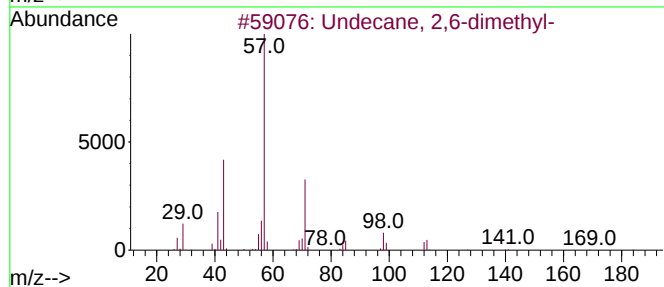
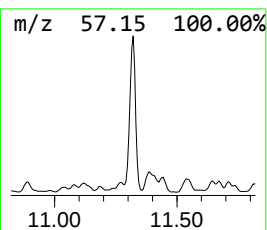
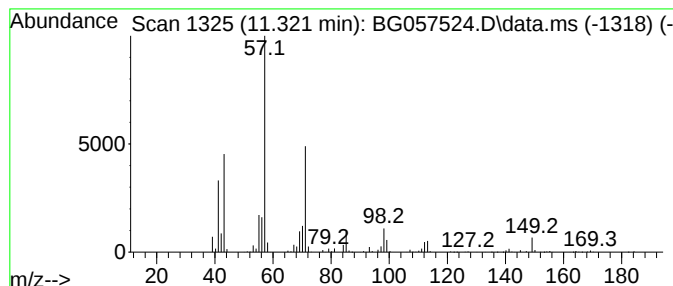
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.321	159.47 ng	2994610	Naphthalene-d8	11.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93		
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72		
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59		
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59		
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	58		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

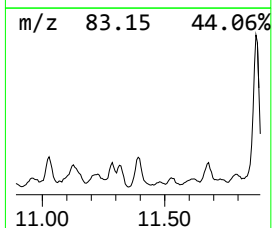
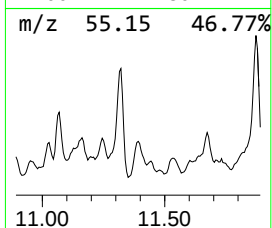
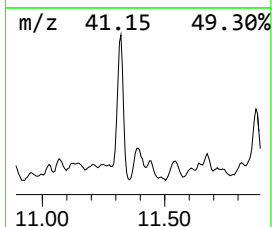
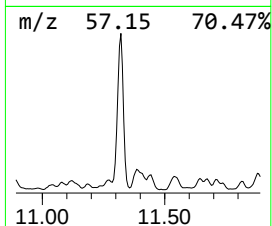
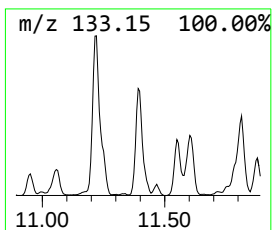
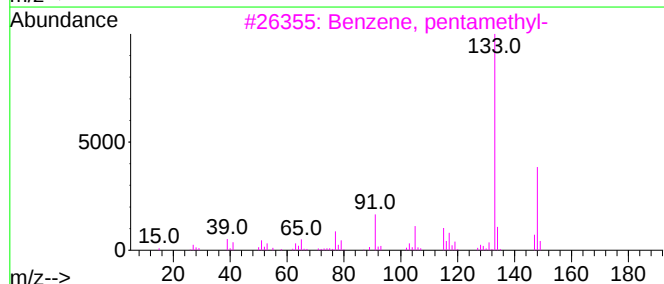
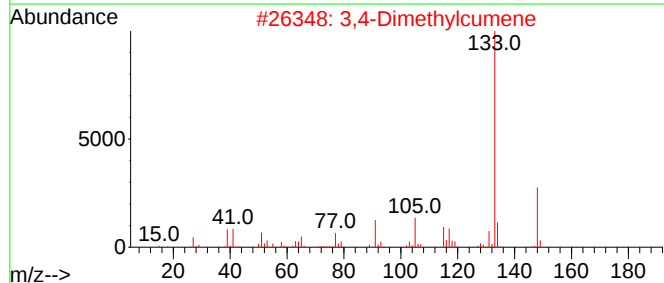
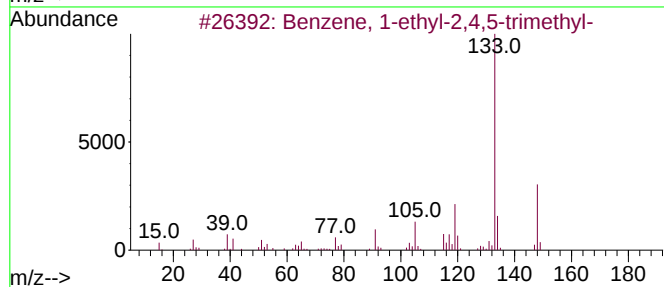
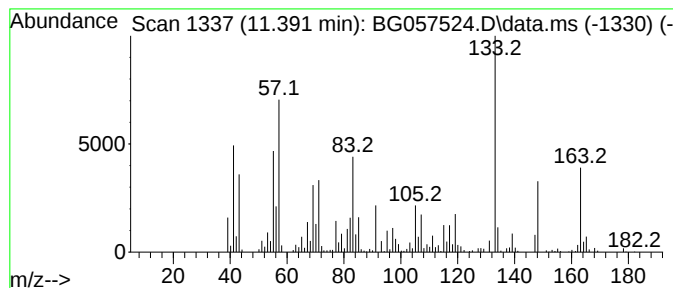
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.391	60.65 ng	1138960	Naphthalene-d8	11.197	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	60
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	55
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
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Sample : 02892-01
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ALS Vial : 14 Sample Multiplier: 1

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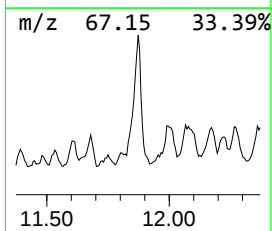
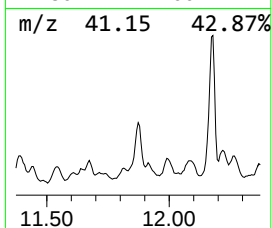
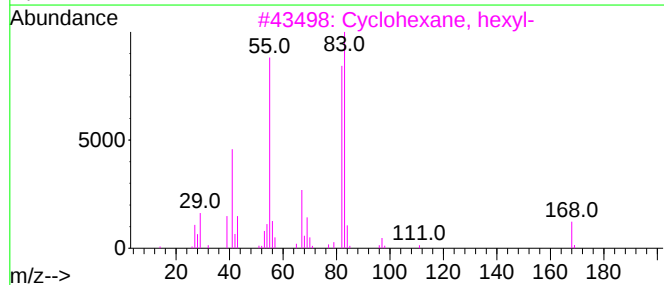
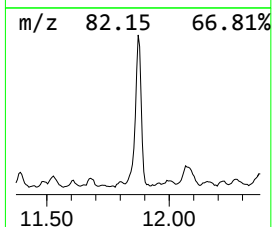
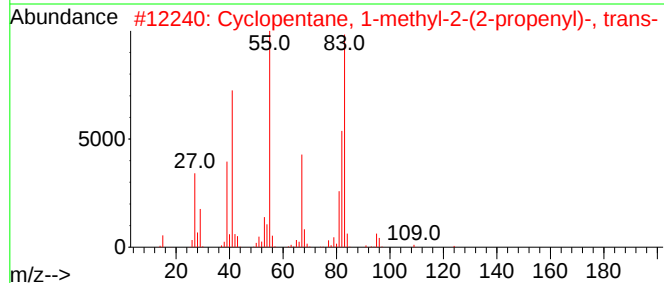
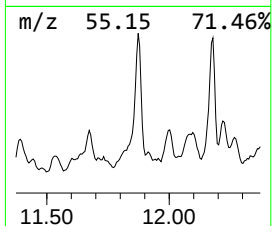
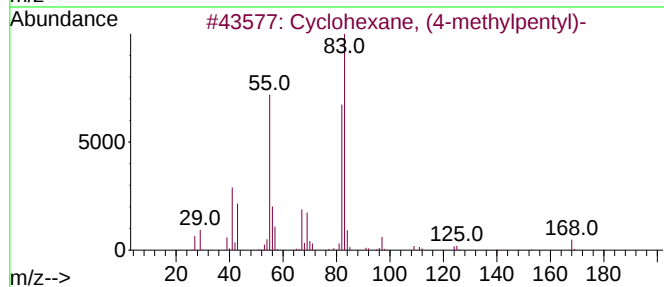
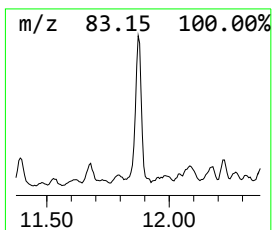
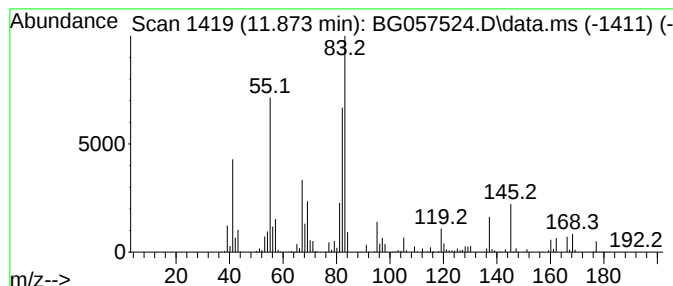
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	105.01 ng	1971940	Naphthalene-d8	11.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	62
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	62
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	62
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
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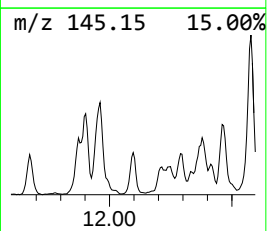
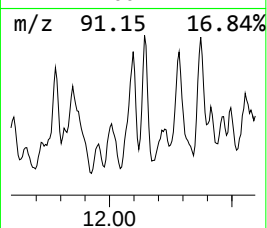
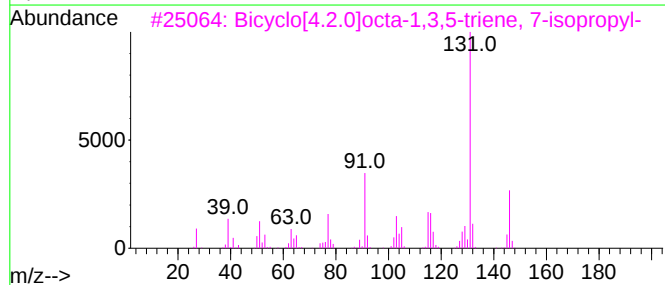
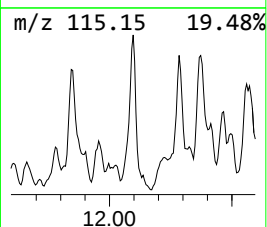
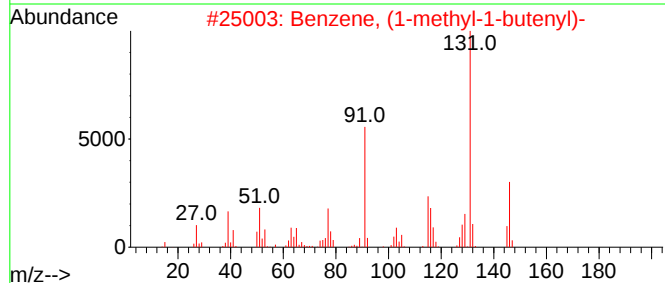
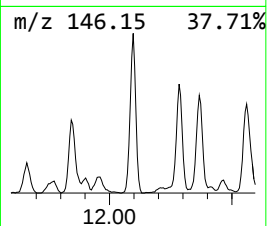
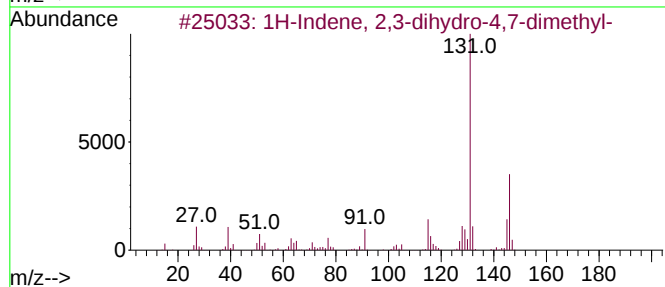
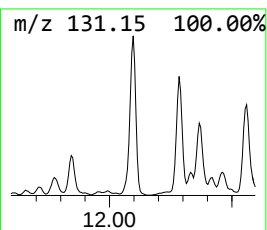
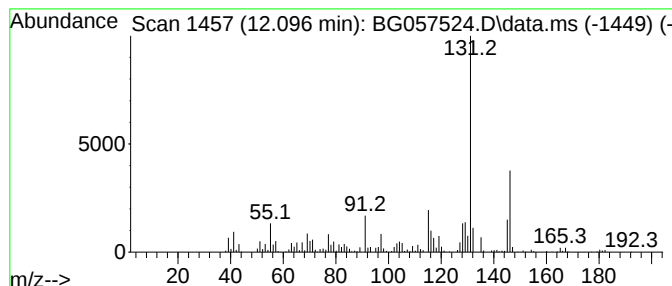
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.096	66.07 ng	1240610	Naphthalene-d8	11.197	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-30

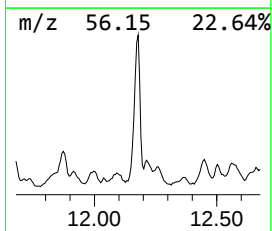
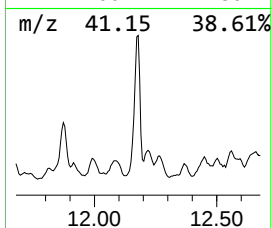
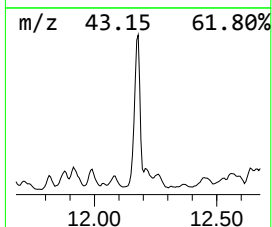
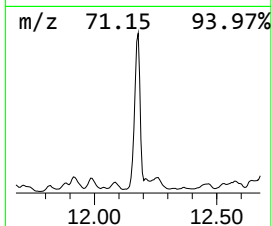
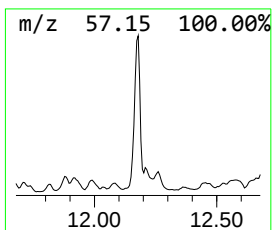
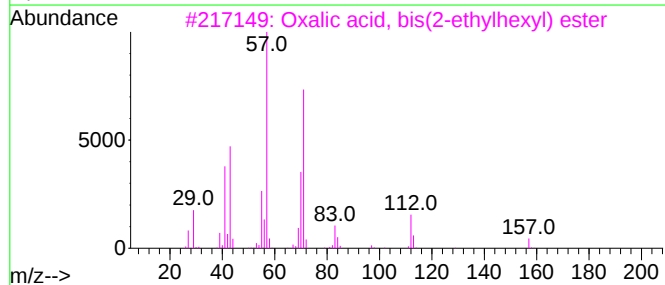
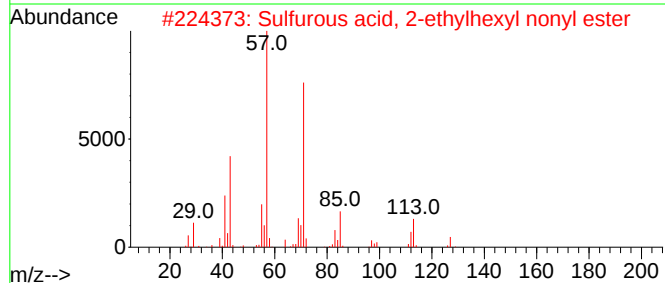
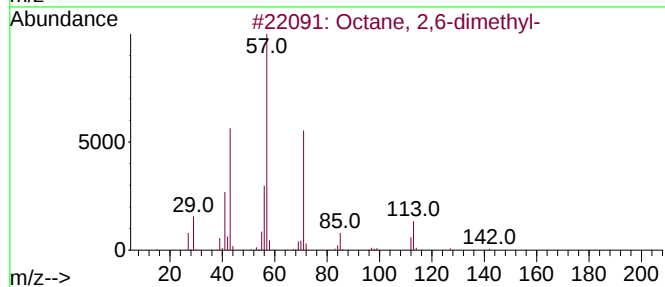
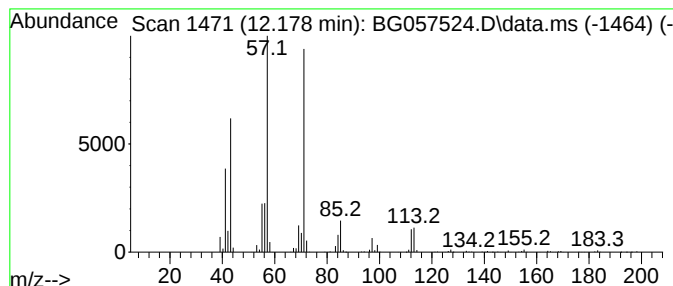
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.179	141.53 ng	2657590	Naphthalene-d8	11.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5			Decane, 4-methyl-	156	C11H24	002847-72-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
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Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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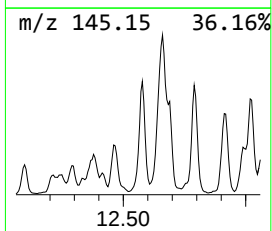
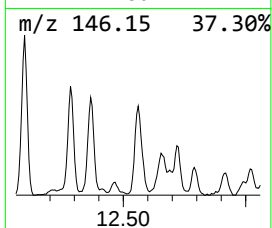
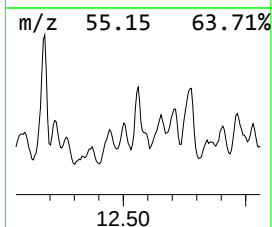
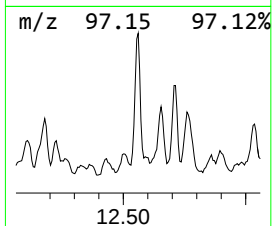
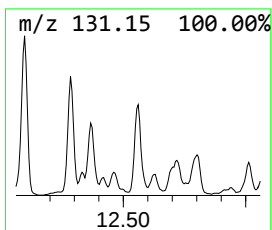
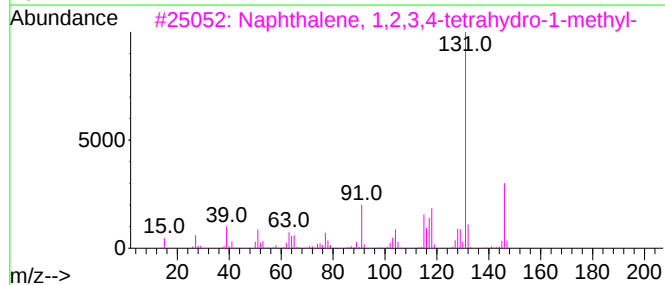
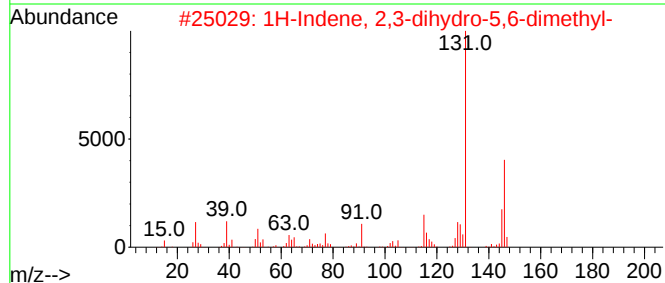
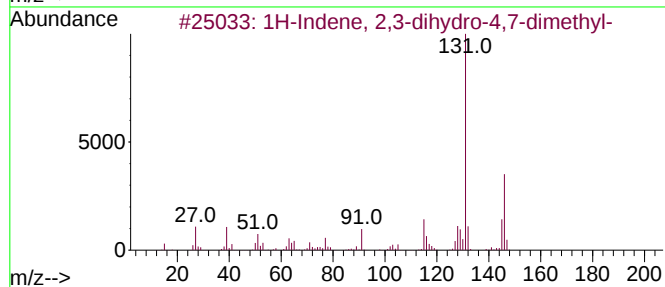
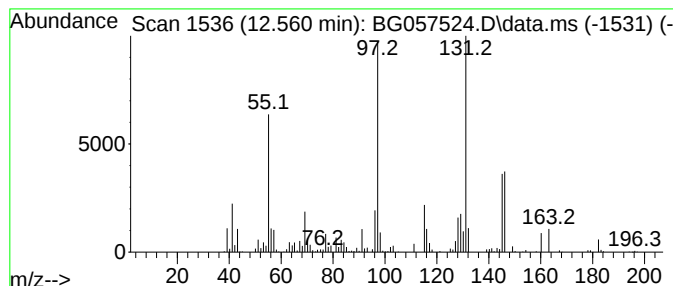
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.560	66.15 ng	1242220	Naphthalene-d8	11.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55		
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	50		
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	45		
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	45		
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	45		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
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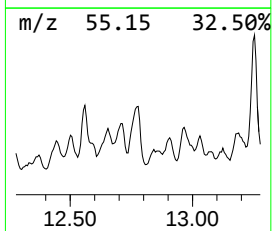
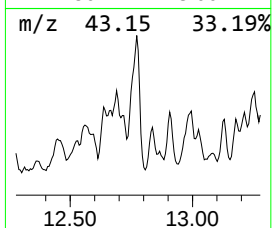
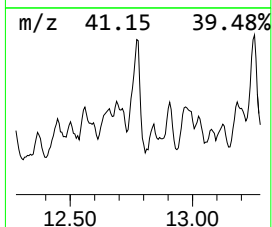
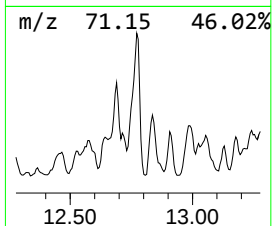
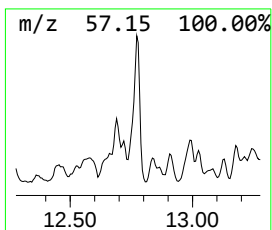
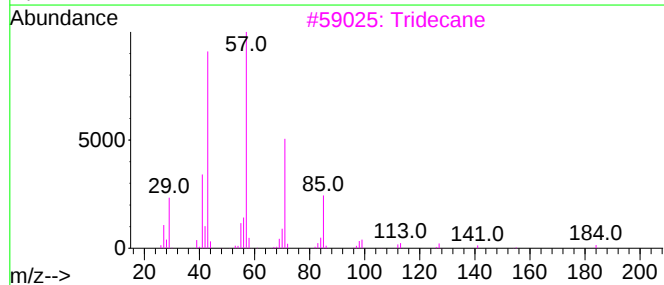
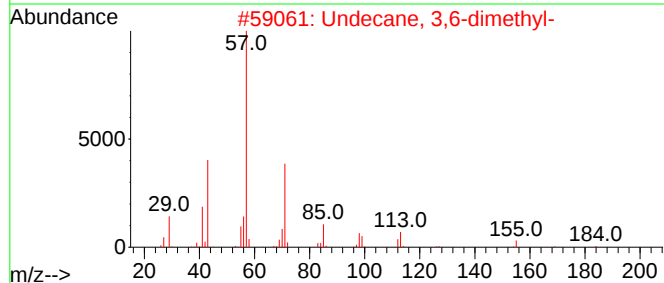
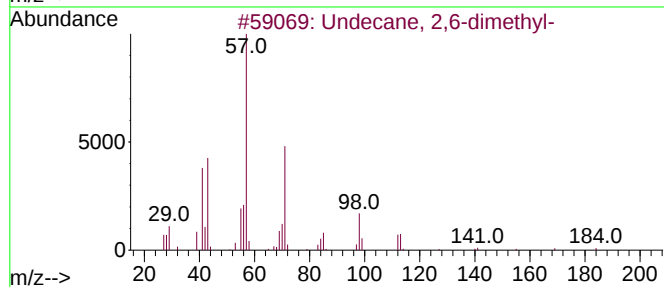
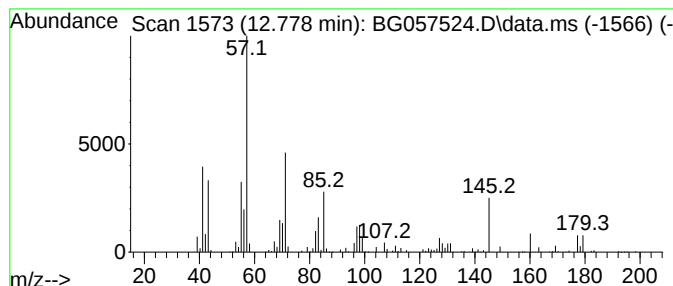
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.778 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.778	76.95 ng	1445020	Naphthalene-d8	11.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47
3		Tridecane	184	C13H28	000629-50-5	47
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
5		Decane, 3-methyl-	156	C11H24	013151-34-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
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Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

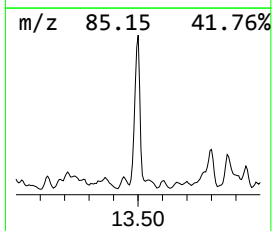
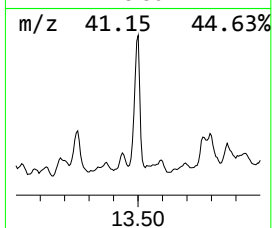
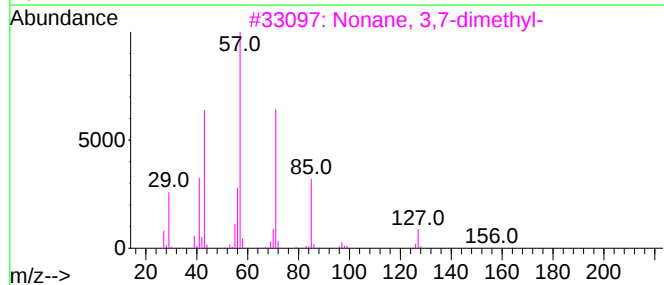
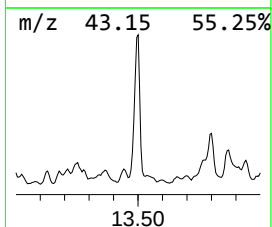
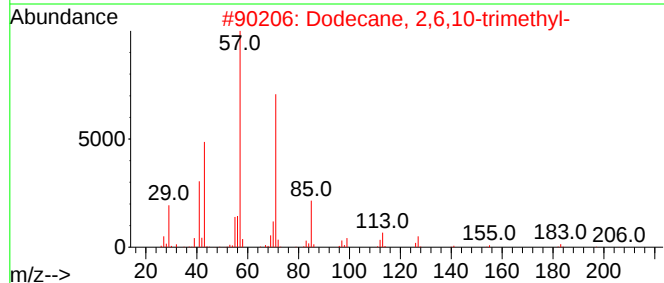
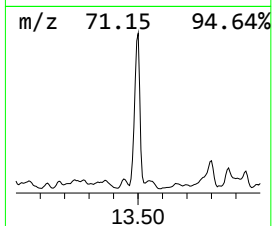
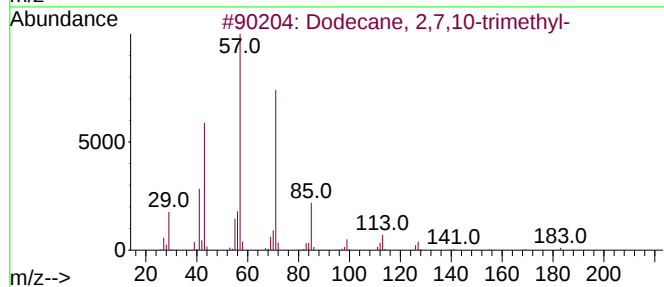
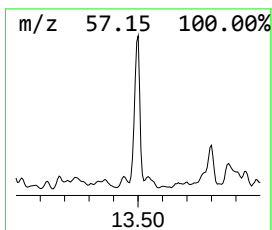
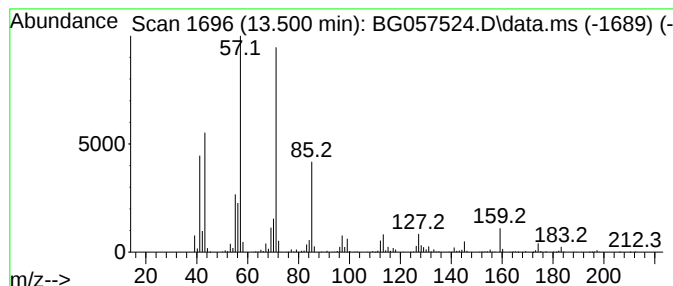
Instrument :
BNA_G
ClientSampleId :
TP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.500	65.29 ng	3678910	Acenaphthene-d10	14.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5	Nonadecane	268	C19H40	000629-92-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

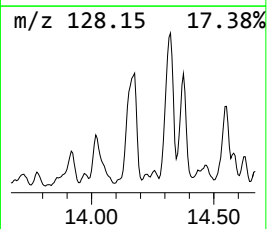
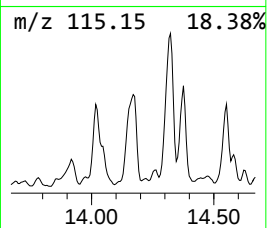
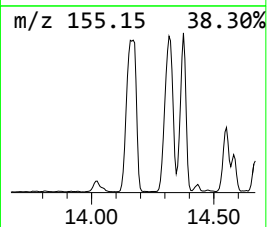
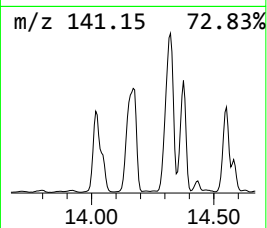
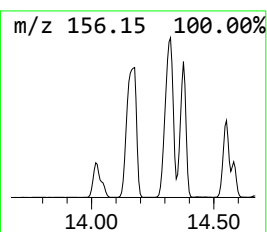
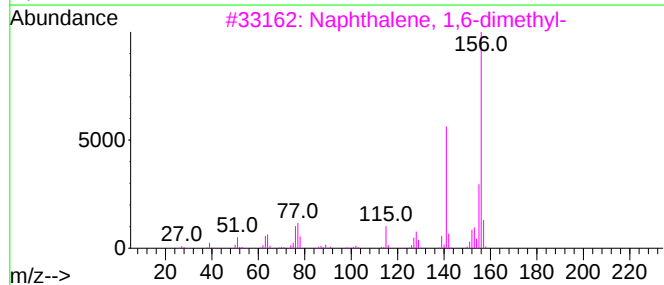
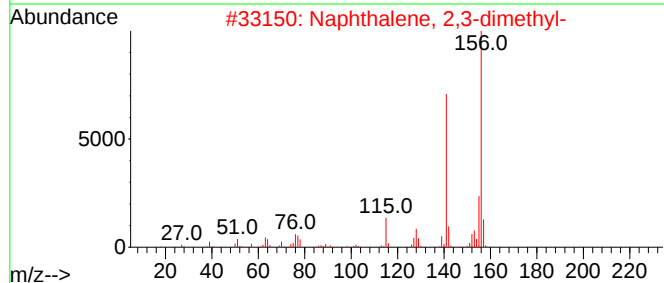
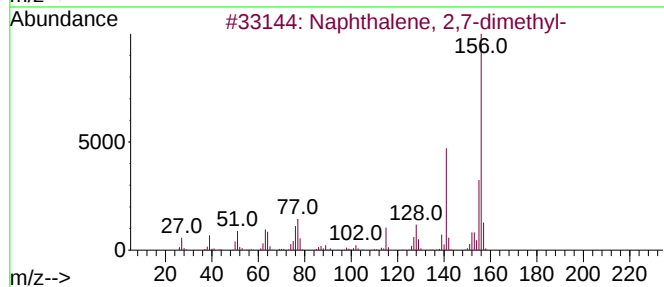
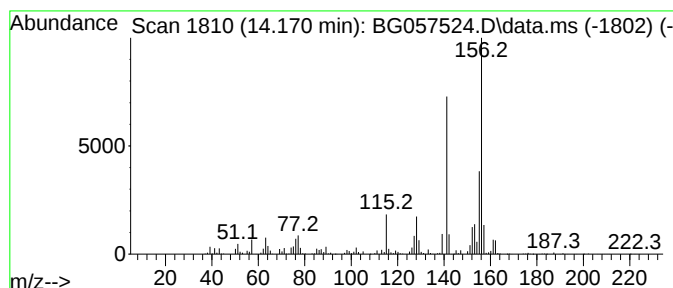
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.170	85.24 ng	4803110	Acenaphthene-d10	14.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-30

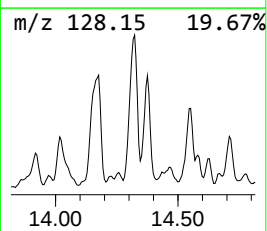
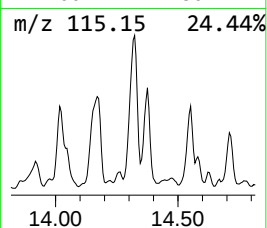
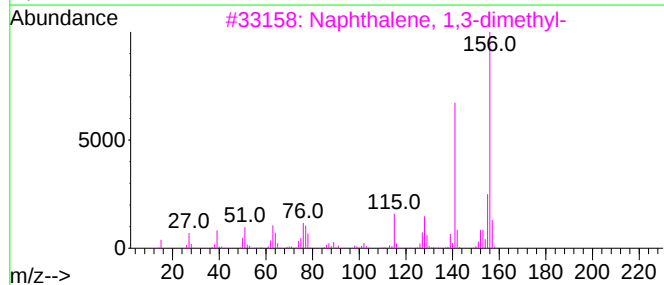
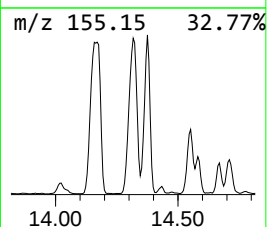
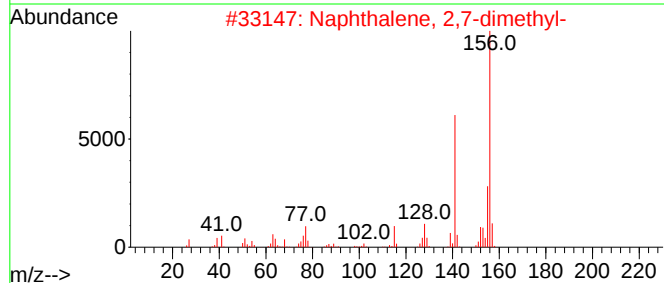
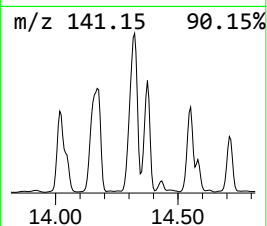
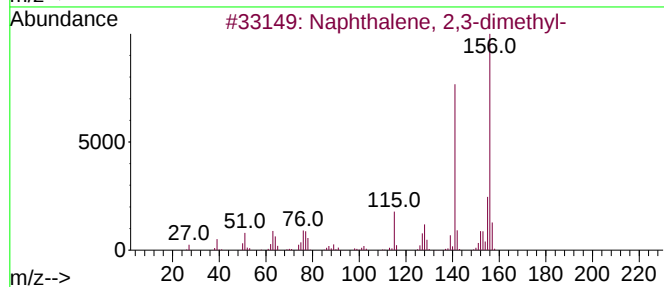
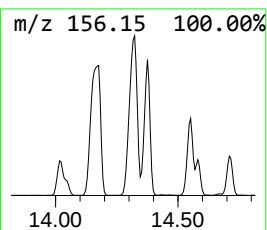
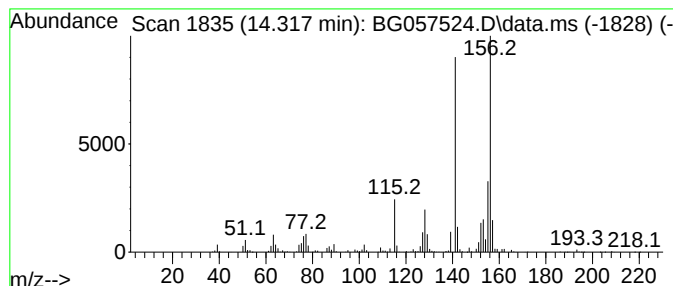
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.317	93.70 ng	5279310	Acenaphthene-d10	14.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

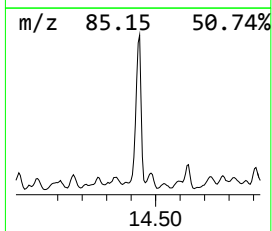
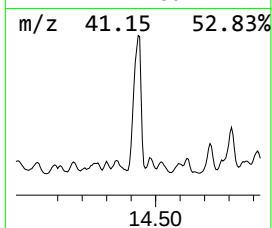
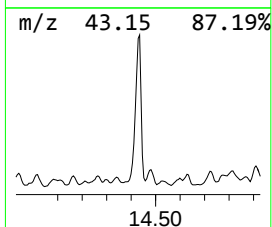
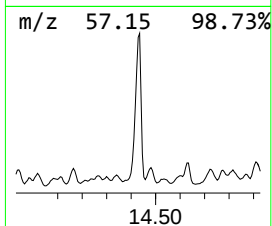
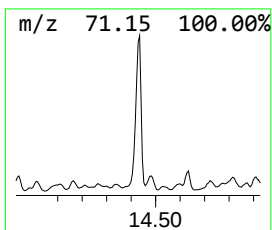
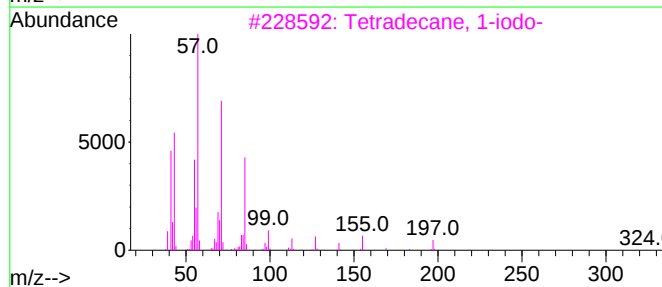
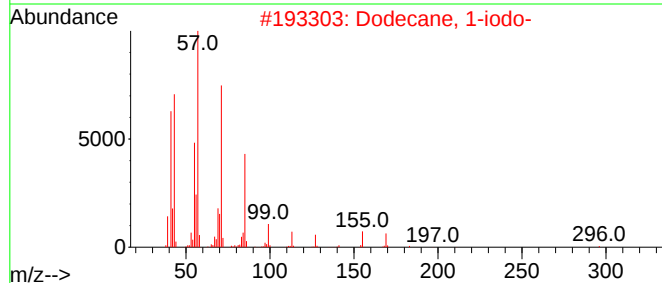
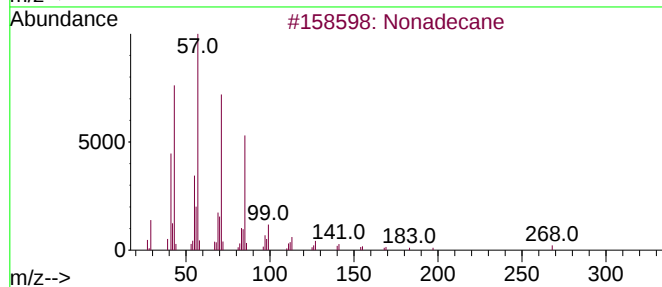
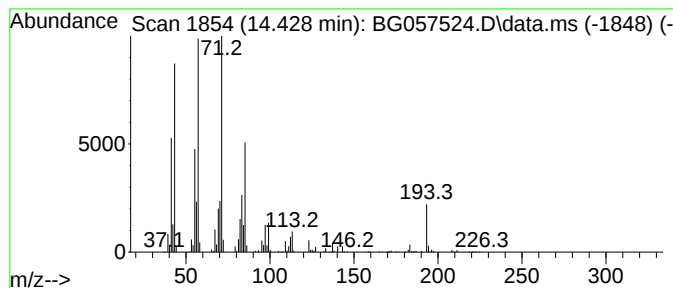
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.428	112.41 ng	6333970	Acenaphthene-d10		14.986	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	72
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	64
3	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	64
4	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	58
5	Decane, 2,3,5,8-tetramethyl-		198	C14H30	192823-15-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
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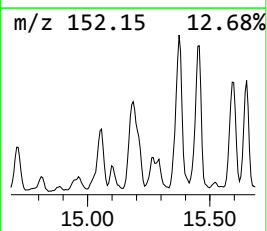
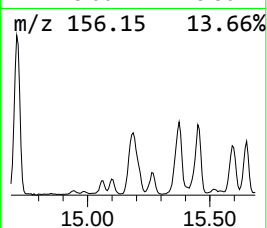
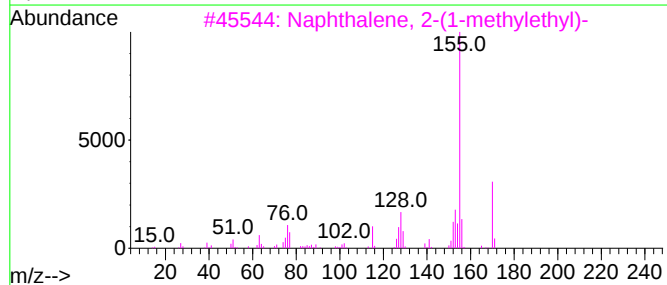
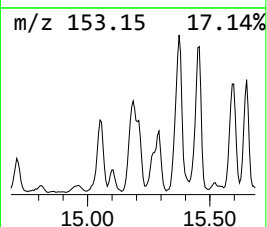
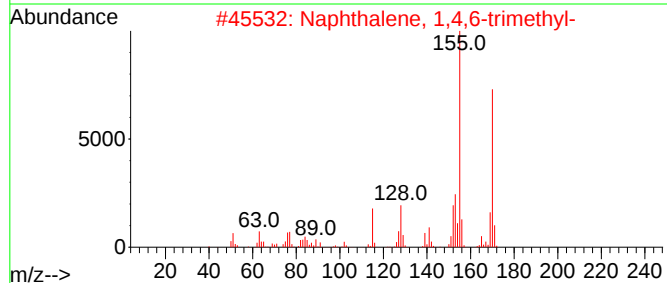
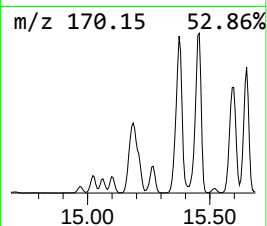
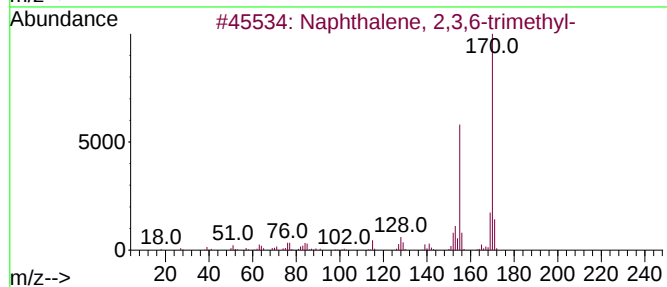
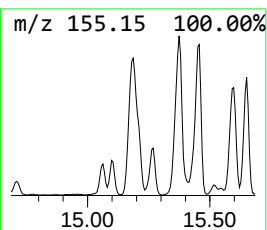
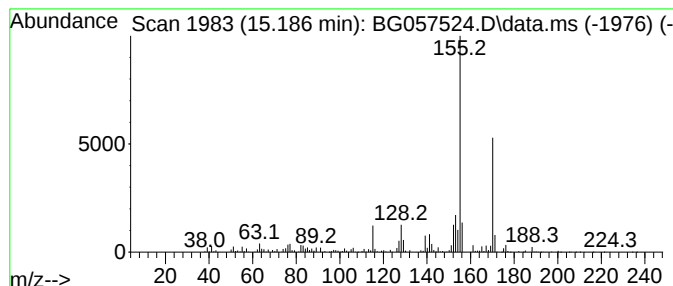
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.186	63.51 ng	3578580	Acenaphthene-d10	14.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

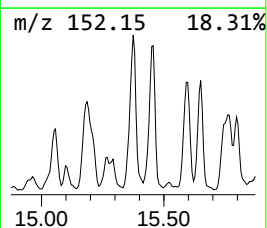
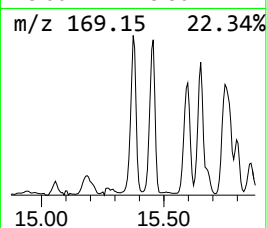
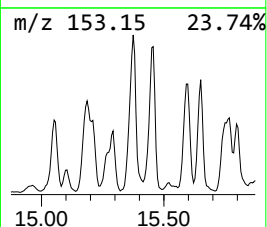
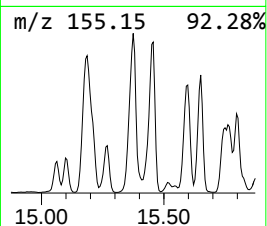
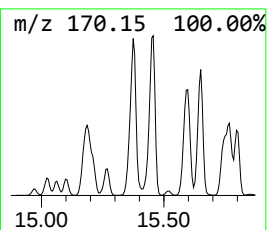
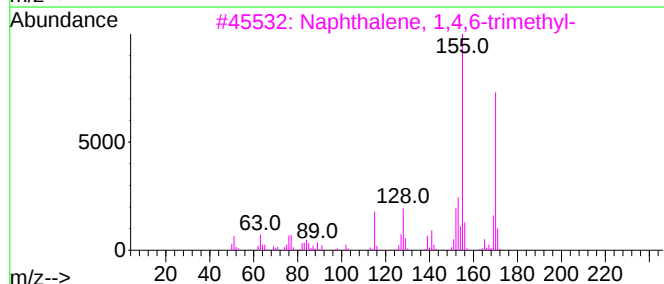
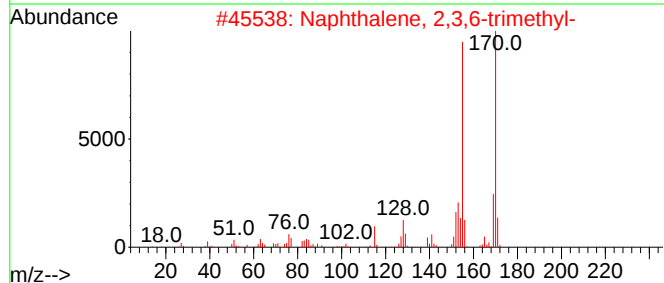
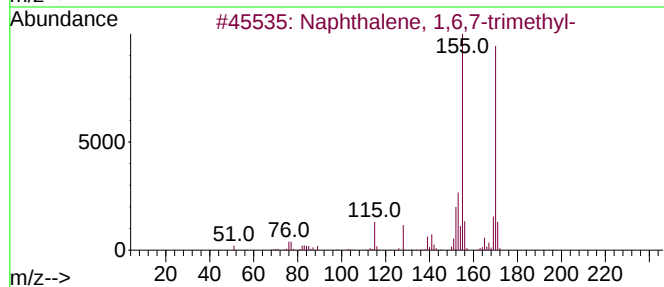
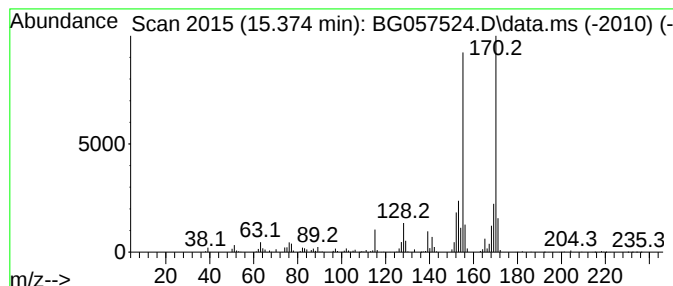
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.374	57.12 ng	3218310	Acenaphthene-d10	14.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
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Acq On : 23 May 2023 18:00
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Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

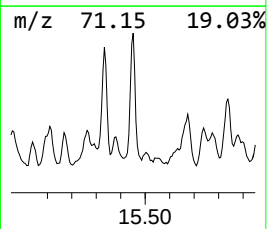
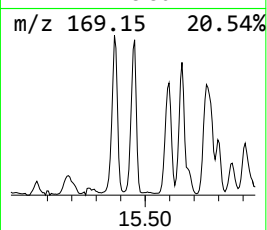
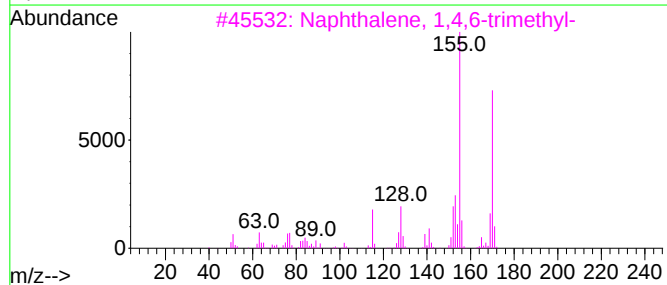
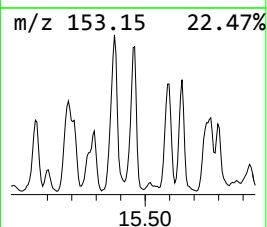
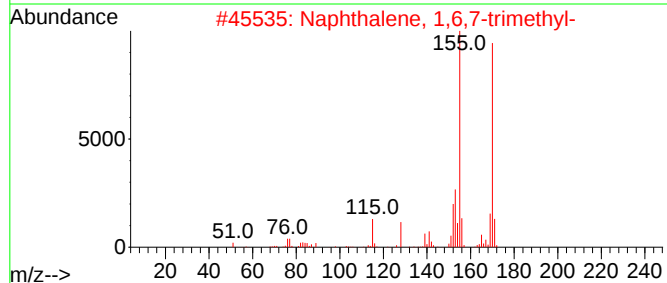
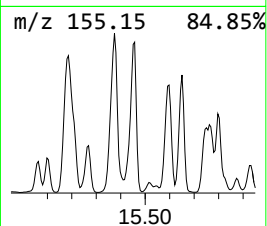
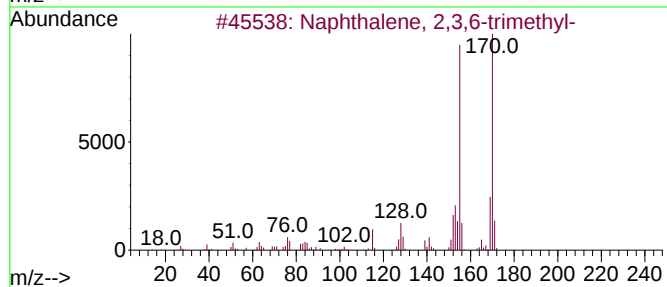
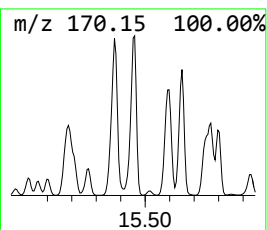
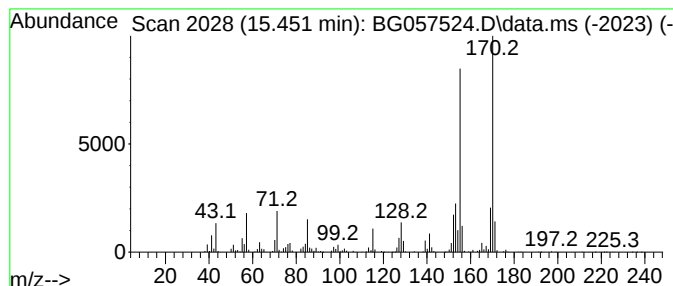
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TP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.451	57.94 ng	3264800	Acenaphthene-d10	14.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-30

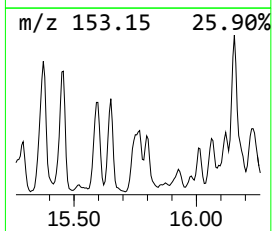
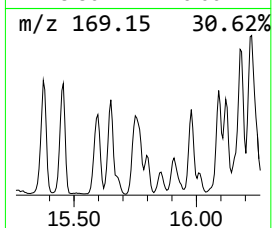
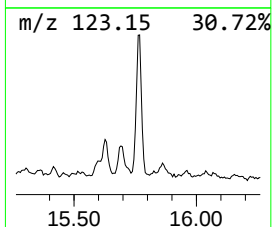
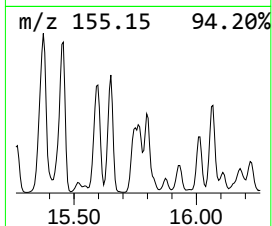
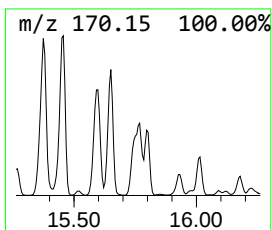
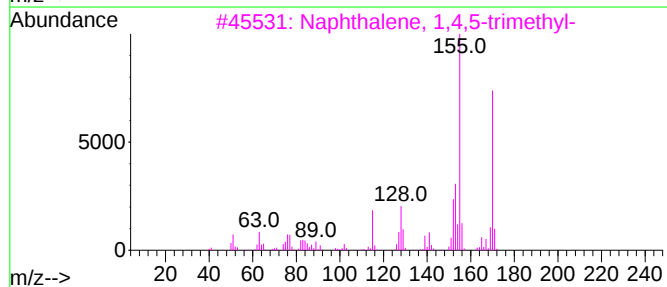
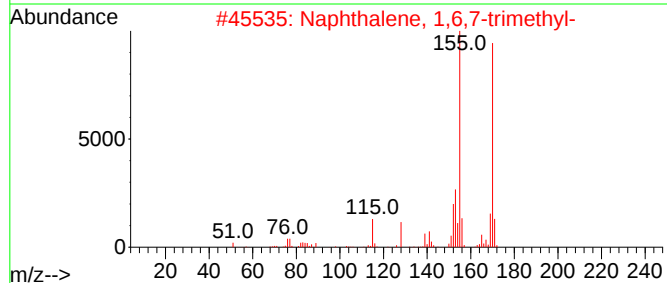
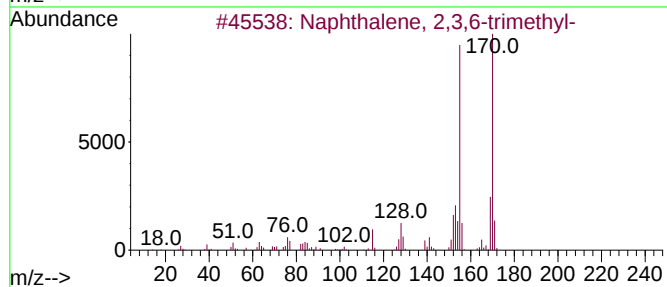
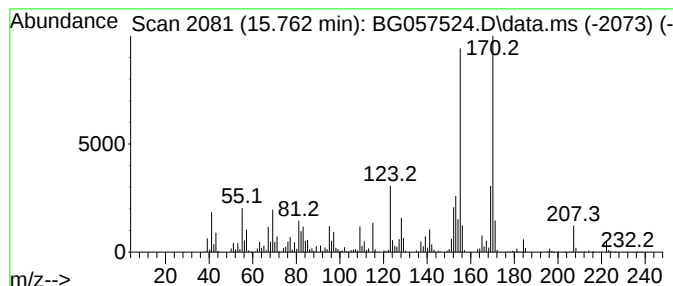
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.762	59.42 ng	3348120	Acenaphthene-d10	14.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-30

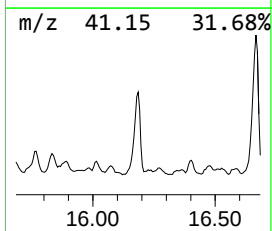
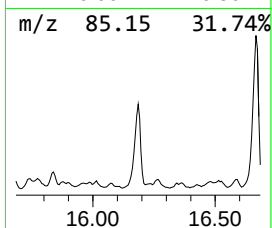
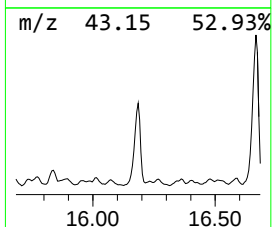
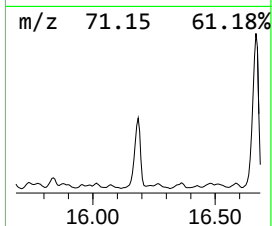
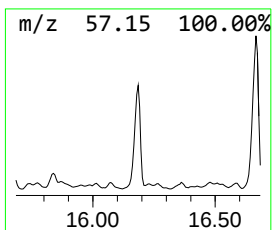
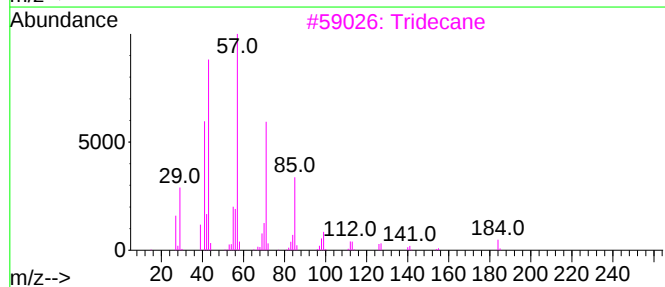
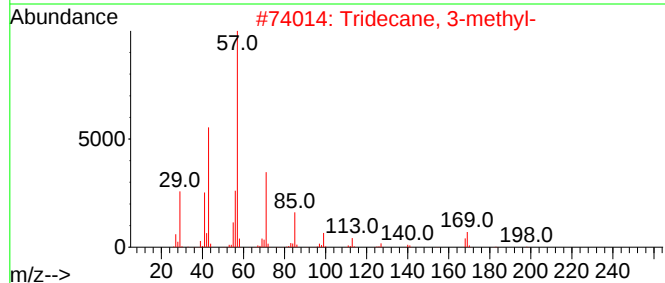
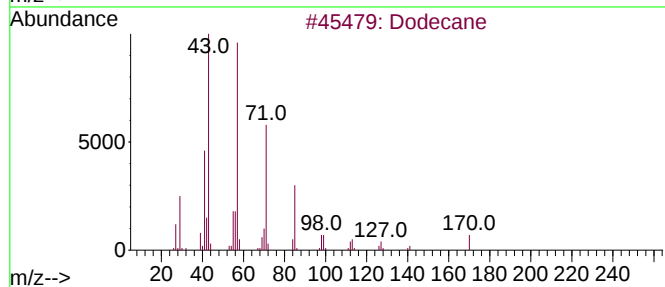
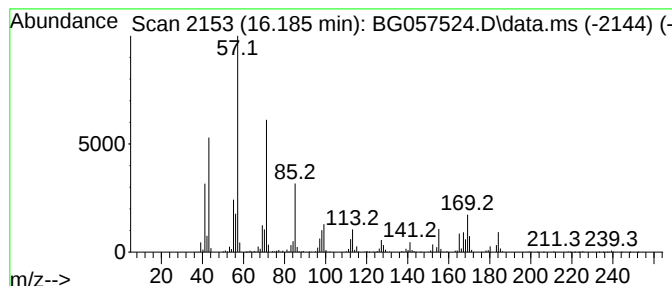
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.185	79.11 ng	4457260	Acenaphthene-d10	14.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	92
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3		Tridecane	184	C13H28	000629-50-5	62
4		Hexadecane	226	C16H34	000544-76-3	58
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

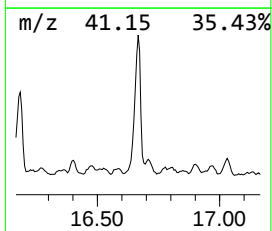
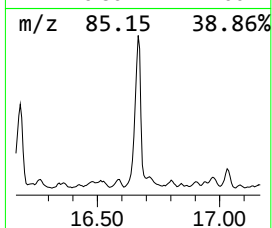
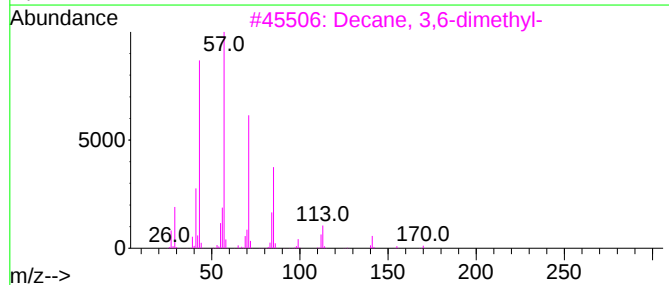
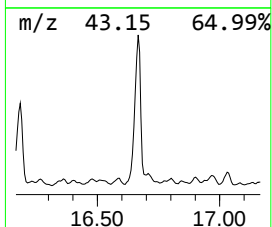
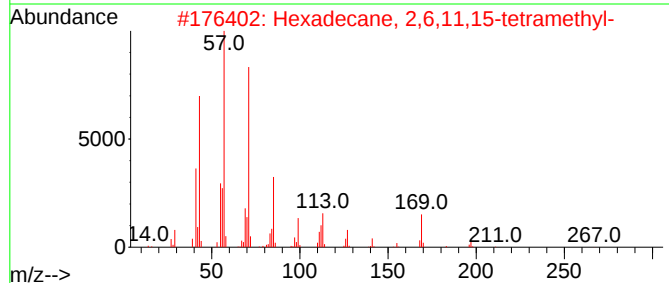
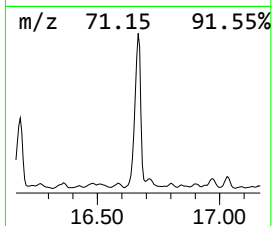
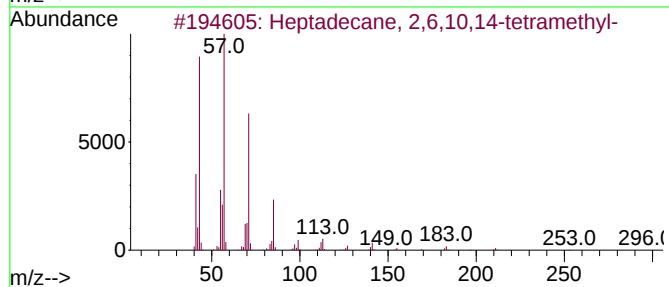
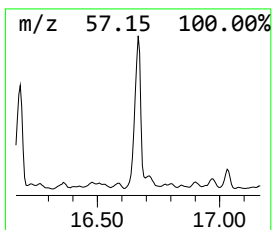
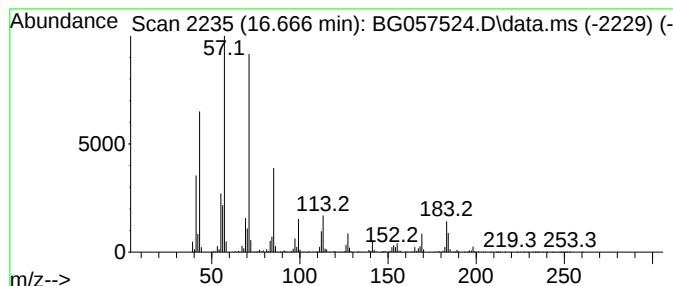
Instrument :
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ClientSampleId :
TP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.666	213.77 ng	8144050	Phenanthrene-d10	17.724	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	86
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057524.D
Acq On : 23 May 2023 18:00
Operator : CG/JU
Sample : 02892-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

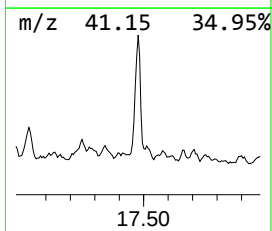
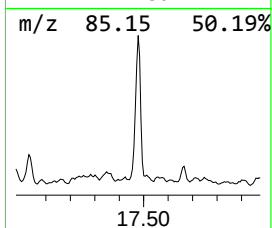
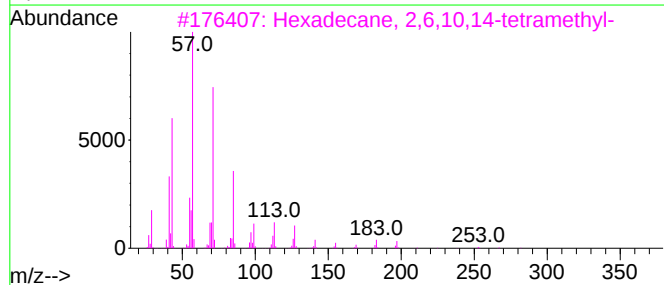
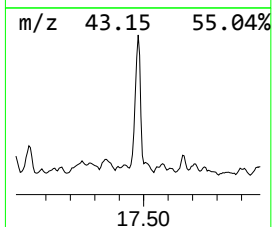
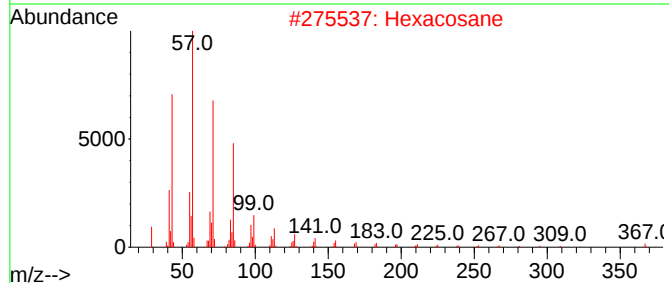
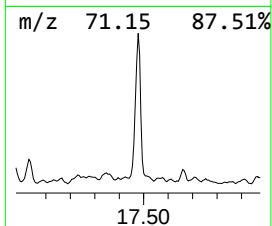
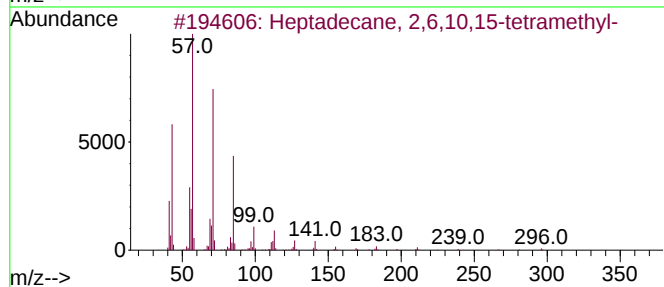
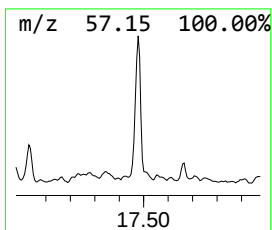
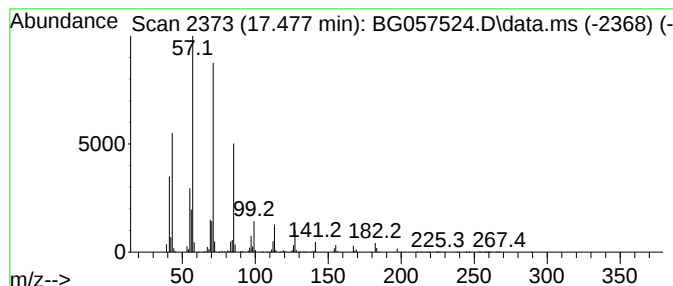
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.477	61.90 ng	2358050	Phenanthrene-d10	17.724	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057524.D
 Acq On : 23 May 2023 18:00
 Operator : CG/JU
 Sample : 02892-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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Benzene, 2-bute...	10.581	60.5	ng	1137000	2	11.197	375563	20.0
Undecane, 2,6-d...	11.321	159.5	ng	2994610	2	11.197	375563	20.0
Benzene, 1-ethy...	11.391	60.6	ng	1138960	2	11.197	375563	20.0
Cyclohexane, (4...	11.873	105.0	ng	1971940	2	11.197	375563	20.0
1H-Indene, 2,3-...	12.096	66.1	ng	1240610	2	11.197	375563	20.0
Octane, 2,6-dim...	12.179	141.5	ng	2657590	2	11.197	375563	20.0
1H-Indene, 2,3-...	12.560	66.2	ng	1242220	2	11.197	375563	20.0
unknown12.778	12.778	77.0	ng	1445020	2	11.197	375563	20.0
Dodecane, 2,7,1...	13.500	65.3	ng	3678910	3	14.986	1126910	20.0
Naphthalene, 2,...	14.170	85.2	ng	4803110	3	14.986	1126910	20.0
Naphthalene, 2,...	14.317	93.7	ng	5279310	3	14.986	1126910	20.0
Nonadecane	14.428	112.4	ng	6333970	3	14.986	1126910	20.0
Naphthalene, 2,...	15.186	63.5	ng	3578580	3	14.986	1126910	20.0
Naphthalene, 1,...	15.374	57.1	ng	3218310	3	14.986	1126910	20.0
Naphthalene, 1,...	15.451	57.9	ng	3264800	3	14.986	1126910	20.0
Naphthalene, 1,...	15.762	59.4	ng	3348120	3	14.986	1126910	20.0
Dodecane	16.185	79.1	ng	4457260	3	14.986	1126910	20.0
Heptadecane, 2,...	16.666	213.8	ng	8144050	4	17.724	761943	20.0
Heptadecane, 2,...	17.477	61.9	ng	2358050	4	17.724	761943	20.0