

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056582.D
 Acq On : 8 Feb 2023 15:05
 Operator : CG/JU
 Sample : 01477-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-6-020723

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056582.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.305	337	343	354	rVB	95859	154341	3.48%	0.327%
2	5.793	419	426	433	rBV	390275	638928	14.41%	1.354%
3	7.420	693	703	709	rVV	386261	760896	17.16%	1.613%
4	7.902	782	785	793	rVB	108519	165540	3.73%	0.351%
5	8.272	843	848	862	rVB2	120557	266015	6.00%	0.564%
6	8.813	935	940	949	rVB2	102054	249842	5.63%	0.530%
7	8.907	949	956	962	rBV	178140	303547	6.84%	0.643%
8	9.377	1025	1036	1042	rBV2	149504	331788	7.48%	0.703%
9	9.447	1042	1048	1051	rVV	255701	525486	11.85%	1.114%
10	9.477	1051	1053	1060	rVB	290245	425717	9.60%	0.902%
11	9.629	1066	1079	1086	rVB5	96397	270336	6.10%	0.573%
12	9.723	1086	1095	1107	rBV8	57848	229147	5.17%	0.486%
13	9.906	1121	1126	1131	rVV	100019	182396	4.11%	0.387%
14	9.964	1131	1136	1140	rVV	104638	190948	4.31%	0.405%
15	10.011	1140	1144	1151	rVB3	125177	228047	5.14%	0.483%
16	10.164	1159	1170	1172	rBV3	58195	143220	3.23%	0.304%
17	10.199	1172	1176	1182	rVV3	106709	204537	4.61%	0.434%
18	10.276	1183	1189	1194	rVV2	152629	316884	7.15%	0.672%
19	10.335	1194	1199	1204	rVV2	138222	287351	6.48%	0.609%
20	10.429	1208	1215	1219	rVV2	100664	251310	5.67%	0.533%
21	10.487	1219	1225	1231	rVV3	260533	538180	12.14%	1.141%
22	10.540	1231	1234	1239	rVV2	105577	186447	4.20%	0.395%
23	10.664	1246	1255	1260	rVV3	80570	214565	4.84%	0.455%
24	10.728	1260	1266	1271	rVB	156747	255588	5.76%	0.542%
25	10.781	1271	1275	1283	rVB	74596	152030	3.43%	0.322%
26	10.863	1283	1289	1298	rBV6	59891	175359	3.95%	0.372%
27	11.040	1314	1319	1326	rVV2	438833	934162	21.06%	1.980%
28	11.104	1327	1330	1335	rVV2	178355	361134	8.14%	0.765%
29	11.151	1335	1338	1343	rVV2	121016	217636	4.91%	0.461%
30	11.222	1343	1350	1356	rVB3	224016	496845	11.20%	1.053%
31	11.298	1357	1363	1369	rBV4	91343	194581	4.39%	0.412%
32	11.563	1403	1408	1415	rVB3	160627	324687	7.32%	0.688%
33	11.680	1422	1428	1433	rVV4	92113	195921	4.42%	0.415%
34	11.780	1436	1445	1455	rVV7	200640	592822	13.37%	1.256%
35	11.915	1462	1468	1474	rVB6	142057	311379	7.02%	0.660%
36	11.980	1474	1479	1480	rBV2	110258	162094	3.65%	0.344%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056582.D
 Acq On : 8 Feb 2023 15:05
 Operator : CG/JU
 Sample : 01477-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-6-020723

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	12.003	1480	1483	1487	rVV2	144850	234764	5.29%	0.498%
38	12.074	1487	1495	1500	rVV3	162757	328124	7.40%	0.695%
39	12.191	1510	1515	1520	rVB2	92826	166404	3.75%	0.353%
40	12.273	1523	1529	1535	rBV2	410557	698772	15.76%	1.481%
41	12.467	1556	1562	1569	rBV2	626627	1007646	22.72%	2.136%
42	12.555	1571	1577	1581	rVV6	70821	210833	4.75%	0.447%
43	12.626	1585	1589	1593	rVV2	183509	305962	6.90%	0.648%
44	12.744	1605	1609	1614	rVB	115022	180365	4.07%	0.382%
45	12.979	1644	1649	1654	rBV4	315677	481832	10.86%	1.021%
46	13.243	1688	1694	1705	rVB7	133967	512547	11.56%	1.086%
47	13.402	1715	1721	1725	rBV3	215227	353834	7.98%	0.750%
48	13.443	1725	1728	1735	rVB2	102236	142664	3.22%	0.302%
49	13.519	1735	1741	1750	rVB	804469	1323144	29.84%	2.804%
50	13.689	1764	1770	1775	rBV	683397	1004889	22.66%	2.130%
51	13.836	1790	1795	1799	rVB	227860	376435	8.49%	0.798%
52	14.171	1846	1852	1855	rBV6	116612	266422	6.01%	0.565%
53	14.212	1855	1859	1862	rVV3	186326	327301	7.38%	0.694%
54	14.253	1862	1866	1872	rVV4	171590	333707	7.52%	0.707%
55	14.312	1872	1876	1878	rVV3	197574	306159	6.90%	0.649%
56	14.336	1878	1880	1884	rVV3	322502	415387	9.37%	0.880%
57	14.389	1884	1889	1894	rVV3	189973	381396	8.60%	0.808%
58	14.453	1895	1900	1906	rVB3	218830	353305	7.97%	0.749%
59	14.630	1923	1930	1937	rVV9	72217	206780	4.66%	0.438%
60	14.747	1945	1950	1959	rVB	764790	1151105	25.96%	2.440%
61	14.894	1971	1975	1980	rVB	241379	372388	8.40%	0.789%
62	15.088	2003	2008	2013	rBV4	108777	201652	4.55%	0.427%
63	15.199	2021	2027	2030	rBV6	86956	201962	4.55%	0.428%
64	15.358	2049	2054	2057	rBV3	212342	355149	8.01%	0.753%
65	15.429	2063	2066	2072	rVB2	135522	183988	4.15%	0.390%
66	15.499	2073	2078	2084	rBV7	132387	369725	8.34%	0.784%
67	15.693	2106	2111	2115	rVB	836910	1025537	23.12%	2.174%
68	15.799	2125	2129	2133	rBV5	81089	159795	3.60%	0.339%
69	16.093	2171	2179	2183	rBV3	322664	661198	14.91%	1.401%
70	16.192	2192	2196	2200	rBV4	118081	184400	4.16%	0.391%
71	16.316	2213	2217	2222	rVB4	148423	223708	5.04%	0.474%
72	16.375	2222	2227	2233	rBV	503134	853023	19.23%	1.808%
73	16.551	2252	2257	2267	rBV	858015	1552365	35.00%	3.290%
74	16.892	2311	2315	2318	rBV3	100590	155379	3.50%	0.329%
75	17.056	2340	2343	2350	rVB5	122245	186205	4.20%	0.395%
76	17.121	2350	2354	2358	rBV3	110025	172270	3.88%	0.365%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056582.D
 Acq On : 8 Feb 2023 15:05
 Operator : CG/JU
 Sample : 01477-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-6-020723

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.338	2387	2391	2395	rVV	689928	851906	19.21%	1.806%
78	17.391	2396	2400	2404	rVB	298268	387959	8.75%	0.822%
79	17.632	2436	2441	2445	rBV	349165	577273	13.02%	1.223%
80	17.679	2445	2449	2453	rVB	326226	474460	10.70%	1.006%
81	17.767	2460	2464	2468	rBV	124478	175647	3.96%	0.372%
82	17.814	2469	2472	2478	rVB4	105313	174254	3.93%	0.369%
83	17.879	2480	2483	2491	rVB6	64938	142182	3.21%	0.301%
84	18.078	2513	2517	2523	rVB	706618	866635	19.54%	1.837%
85	18.255	2542	2547	2554	rVB	532647	726919	16.39%	1.541%
86	18.684	2617	2620	2629	rVV8	69624	162751	3.67%	0.345%
87	18.760	2629	2633	2637	rVB	615987	679394	15.32%	1.440%
88	19.383	2733	2739	2742	rBV	3527401	4434857	100.00%	9.399%
89	19.412	2742	2744	2756	rVB2	1648129	2104214	47.45%	4.460%
90	19.536	2761	2765	2770	rVV	348824	424649	9.58%	0.900%
91	19.594	2773	2775	2781	rVV3	92006	171837	3.87%	0.364%
92	19.671	2783	2788	2793	rVB	441284	604905	13.64%	1.282%
93	19.947	2832	2835	2839	rVB	347959	426445	9.62%	0.904%
94	20.029	2845	2849	2856	rVB	375663	574766	12.96%	1.218%
95	20.205	2875	2879	2884	rVB	1341473	1772474	39.97%	3.757%
96	20.476	2921	2925	2929	rBV	270502	336023	7.58%	0.712%
97	20.975	3007	3010	3014	rVB	154632	170779	3.85%	0.362%
98	21.492	3095	3098	3108	rVB3	130868	255775	5.77%	0.542%
99	21.921	3163	3171	3176	rBV2	364730	840898	18.96%	1.782%
100	25.352	3749	3755	3764	rVB	176417	477161	10.76%	1.011%

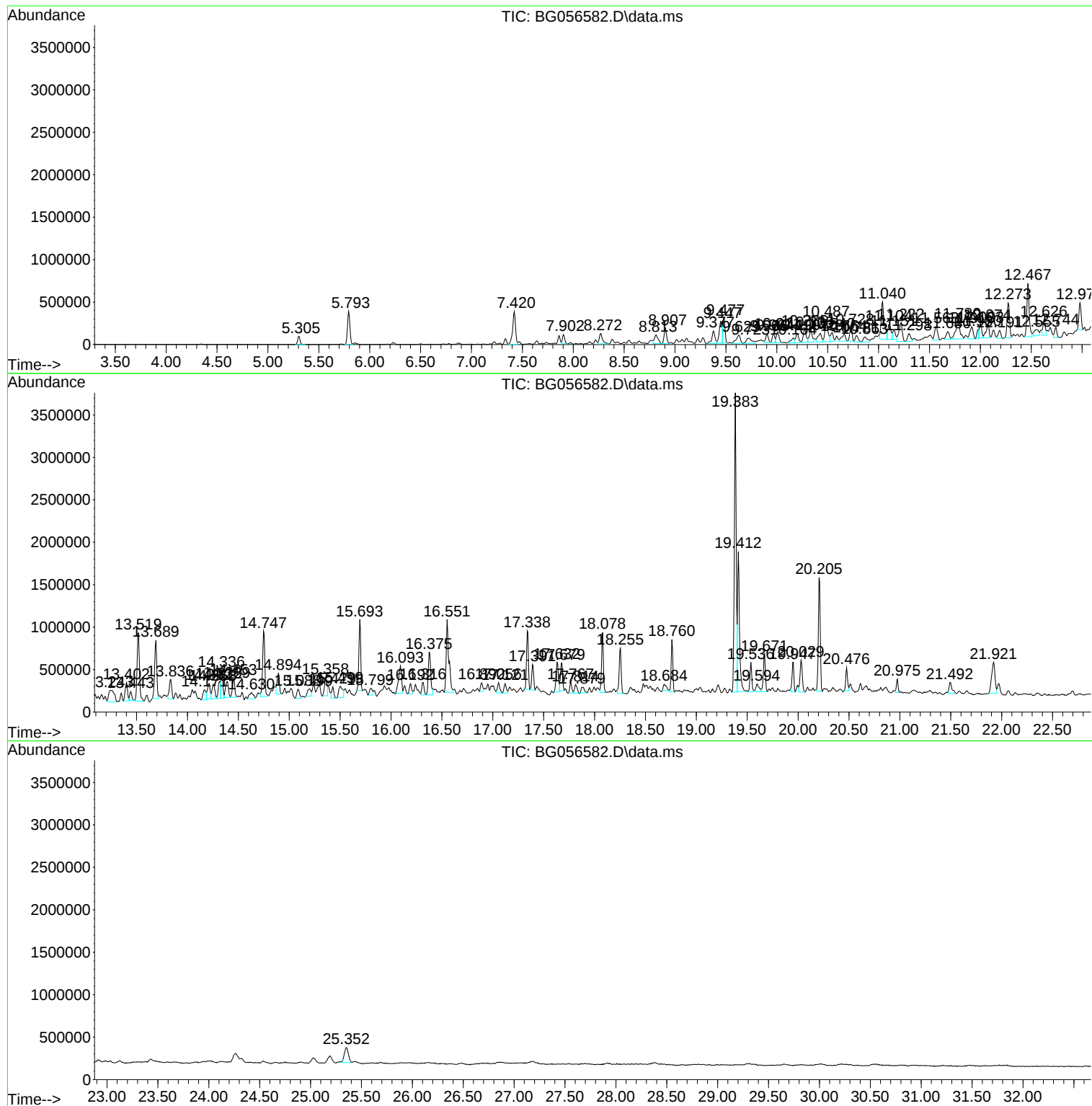
Sum of corrected areas: 47182390

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

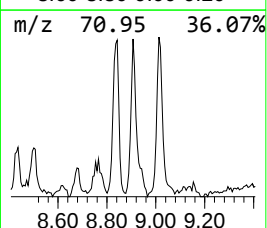
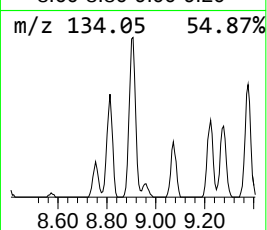
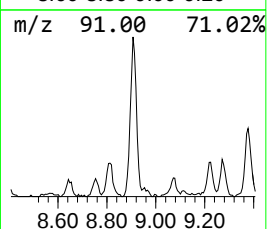
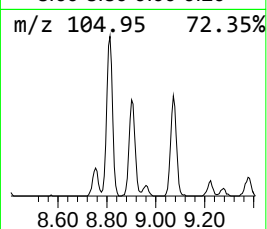
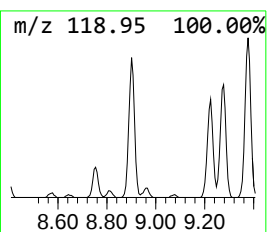
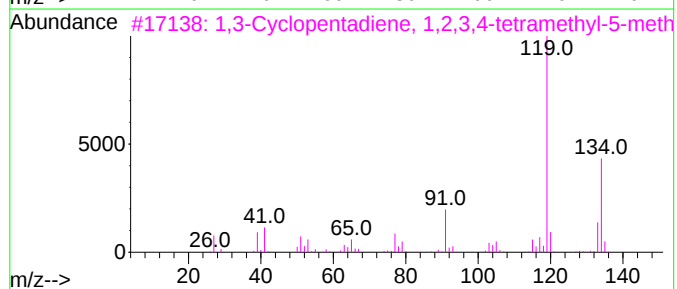
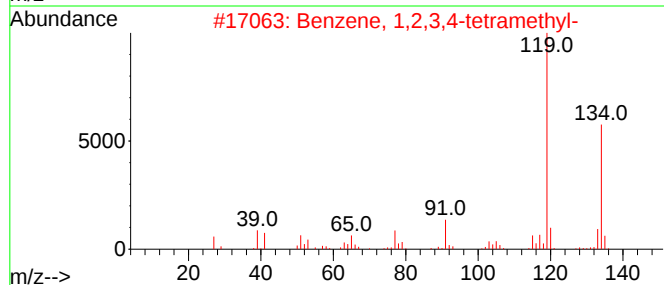
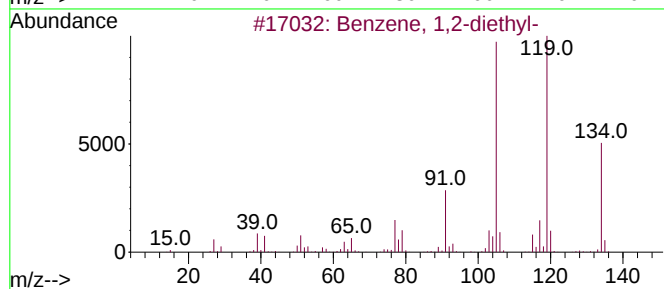
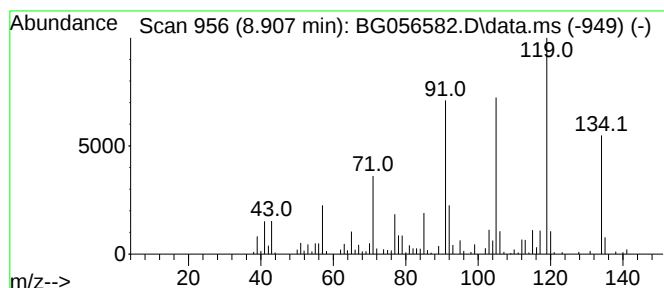
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.907	22.82 ng	303547	1,4-Dichlorobenzene-d4	8.266

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

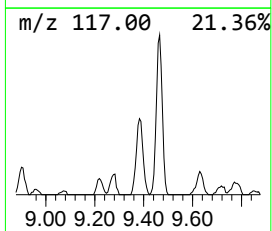
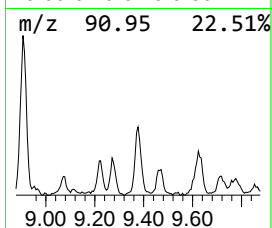
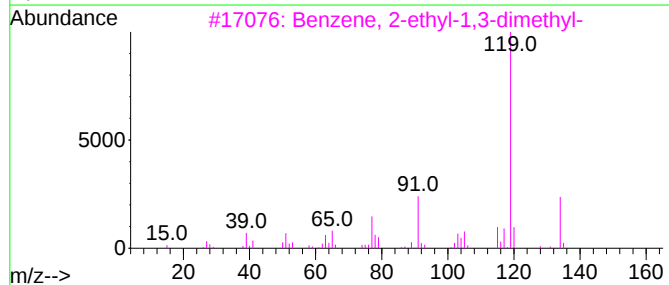
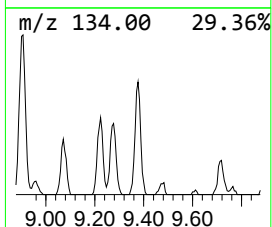
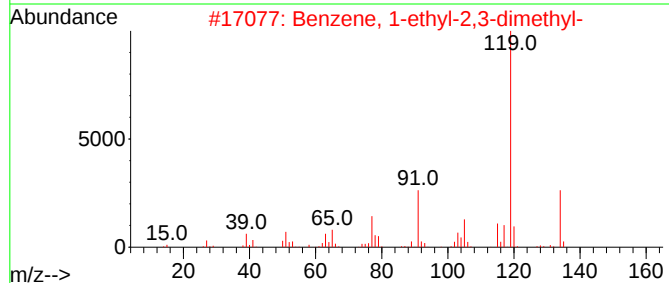
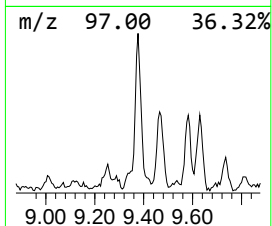
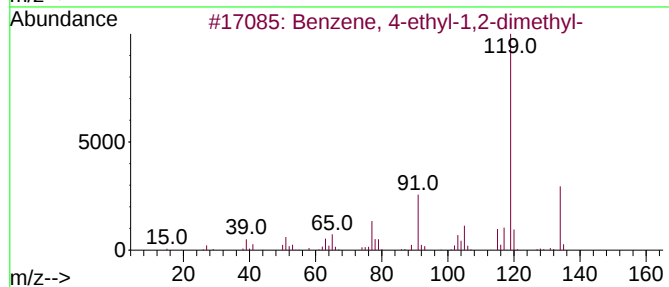
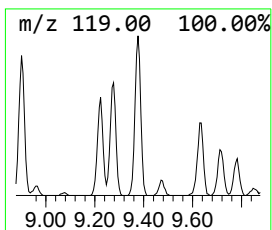
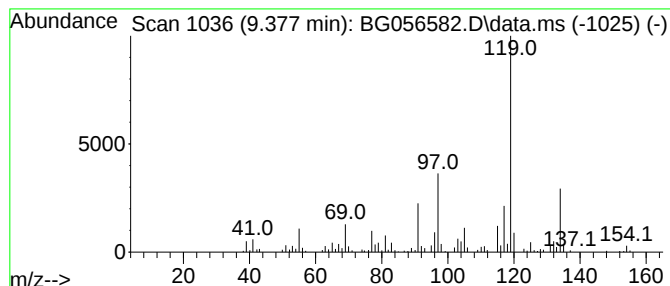
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.377	24.95 ng	331788	1,4-Dichlorobenzene-d4	8.266

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
4			p-Cymene	134	C10H14	000099-87-6	76
5			o-Cymene	134	C10H14	000527-84-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

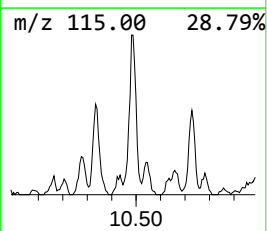
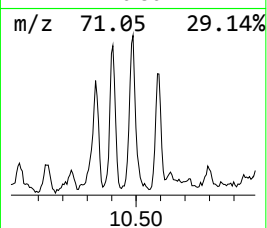
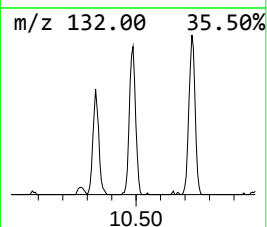
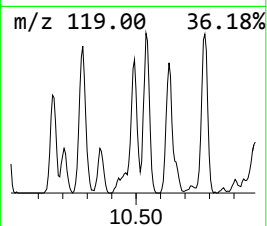
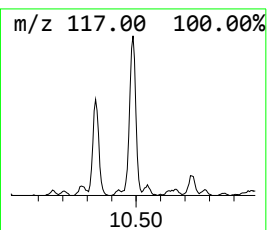
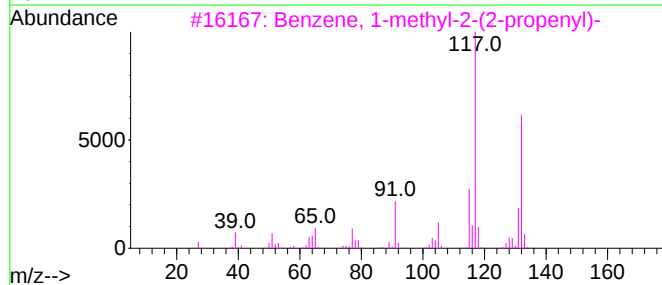
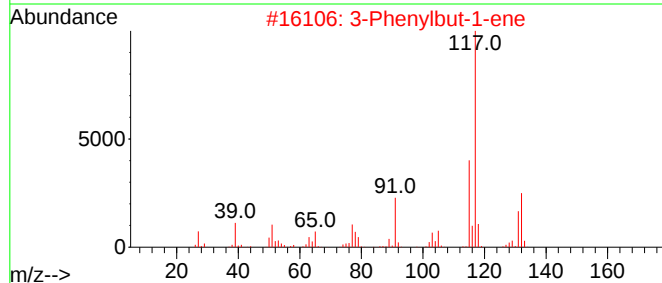
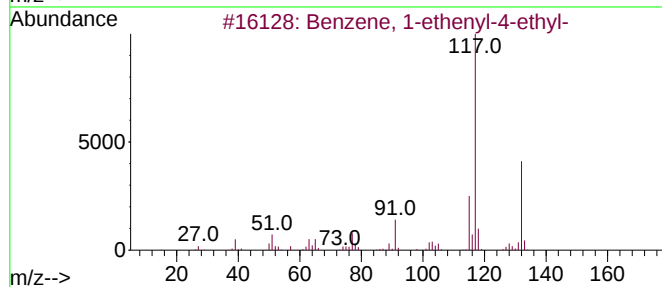
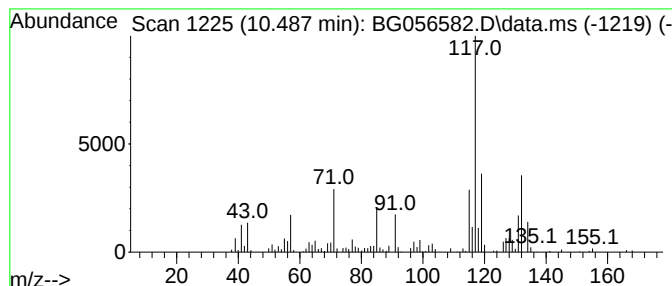
Instrument :
BNA_G
ClientSampleId :
TR-6-020723

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

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

Peak Number 3 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.487	29.81 ng	538180	Naphthalene-d8	11.104	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4	Indan, 1-methyl-	132	C10H12	000767-58-8	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

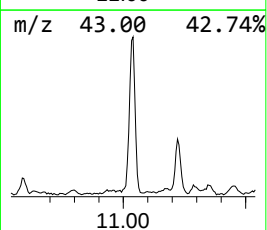
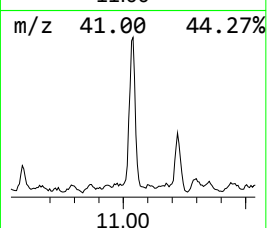
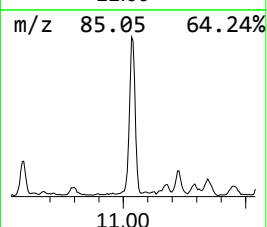
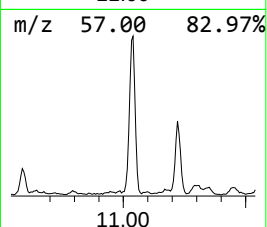
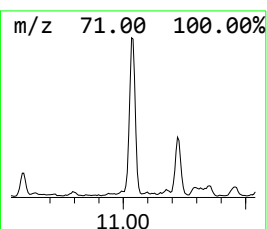
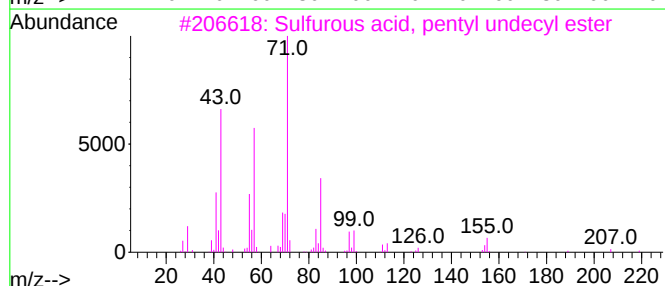
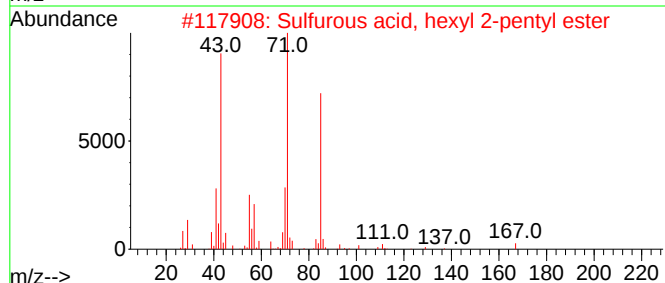
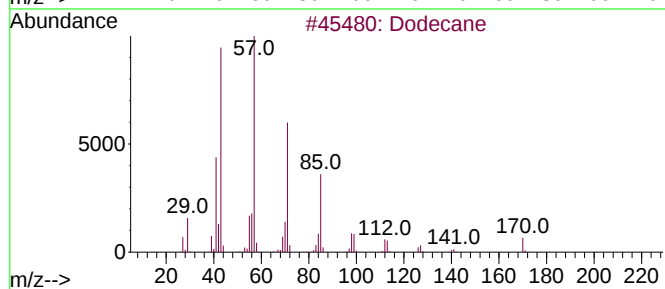
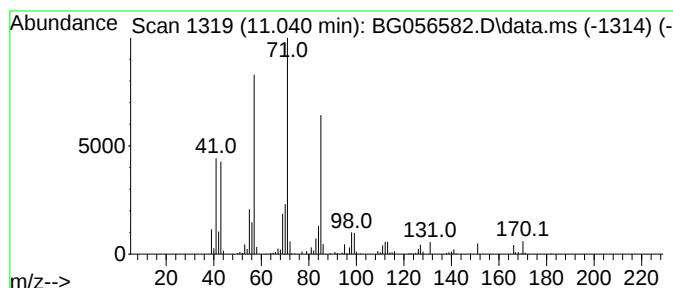
Instrument :
BNA_G
ClientSampleId :
TR-6-020723

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

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

Peak Number 4 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.040	51.73 ng	934162	Naphthalene-d8	11.104	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	60
2	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	59
3	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	59
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	50
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

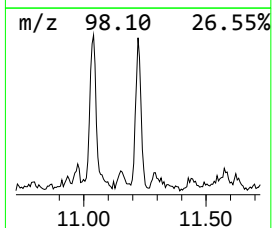
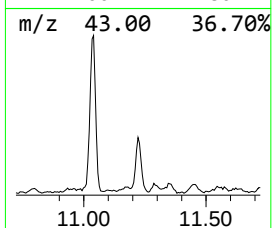
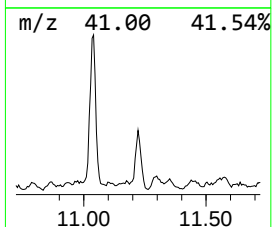
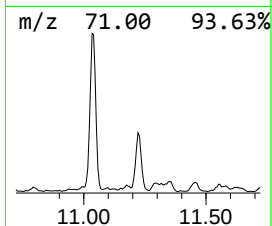
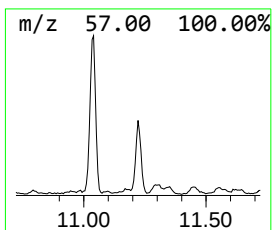
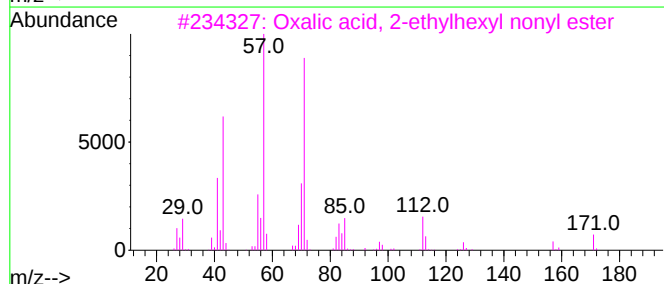
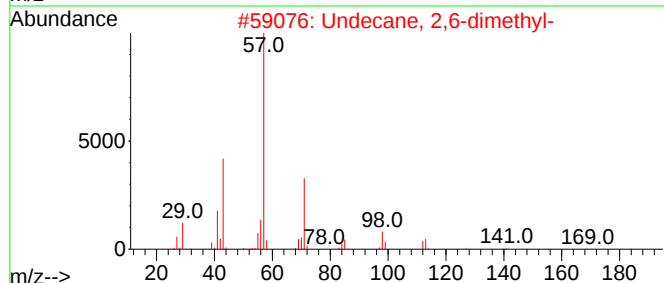
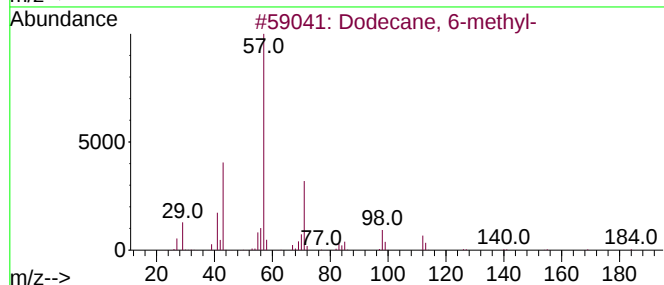
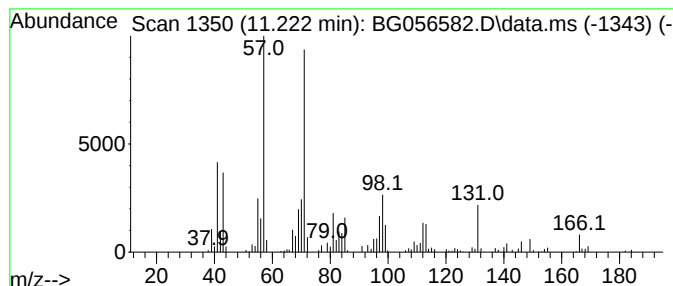
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	27.52 ng	496845	Naphthalene-d8	11.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 6-methyl-	184	C13H28	006044-71-9	62
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
3			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	58
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	50
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

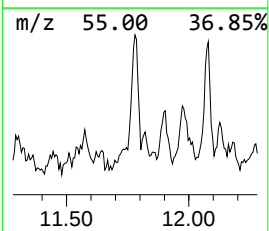
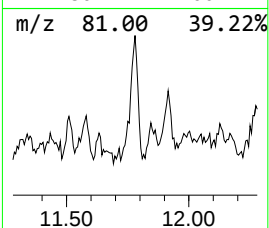
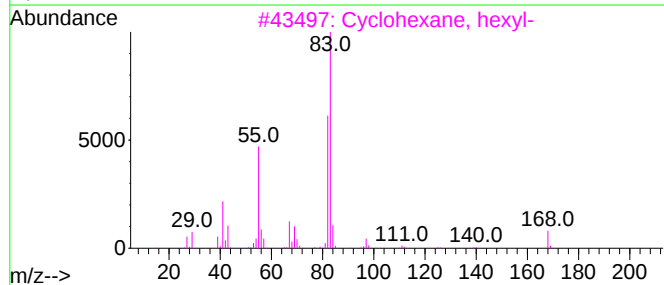
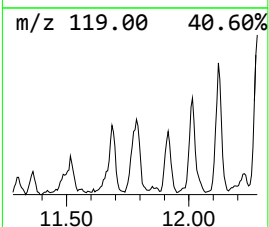
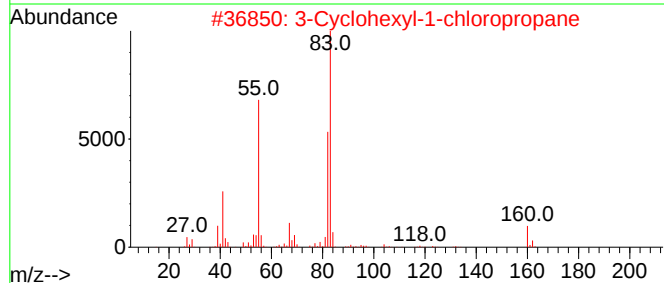
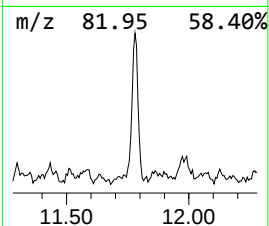
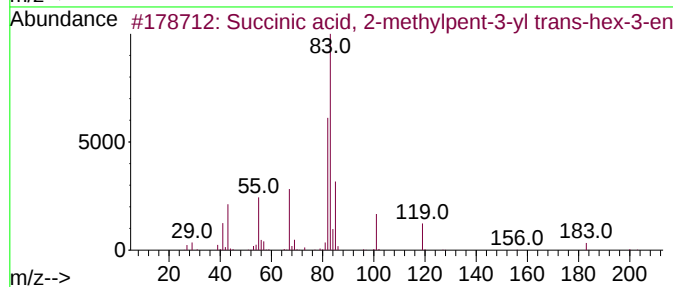
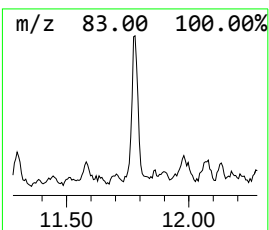
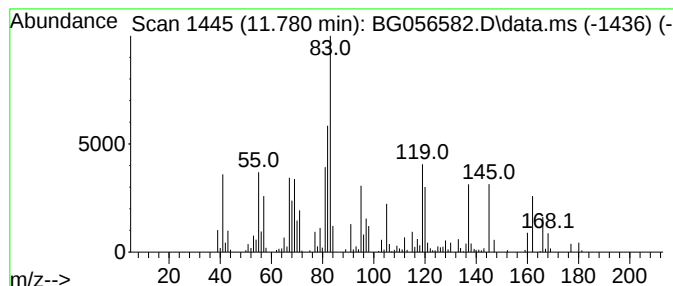
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.780 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	32.83 ng	592822	Naphthalene-d8	11.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, 2-methylpent-3-yl...	284	C16H28O4	1000391-11-2	35
2			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	30
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	27
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

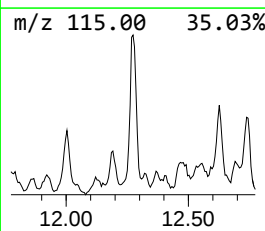
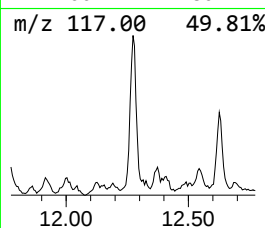
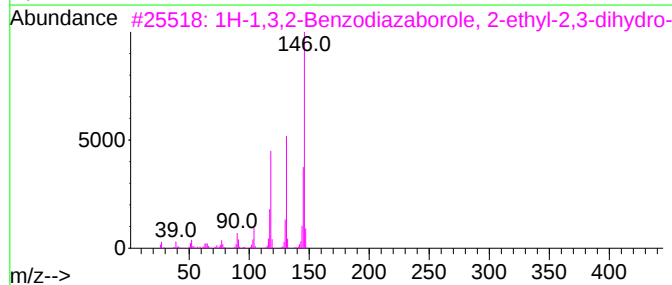
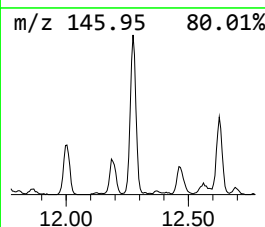
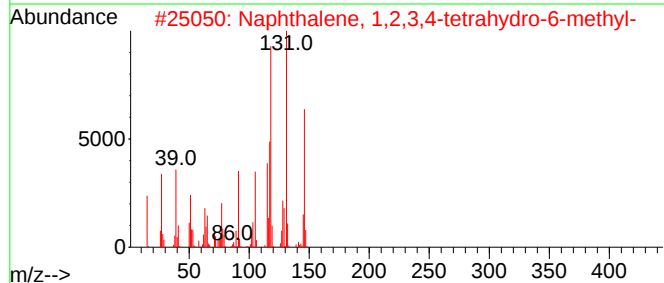
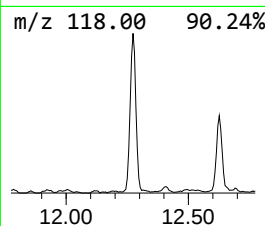
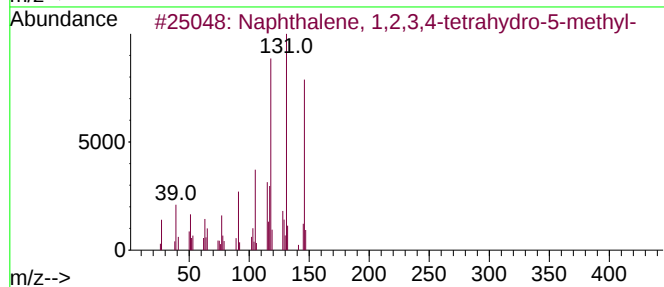
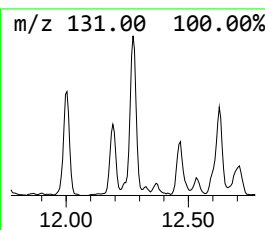
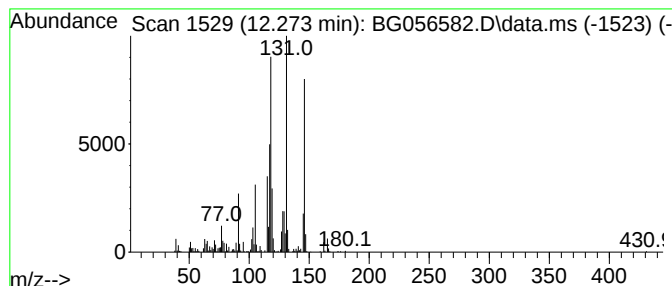
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.274	38.70 ng	698772	Naphthalene-d8	11.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	87
4			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	86
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

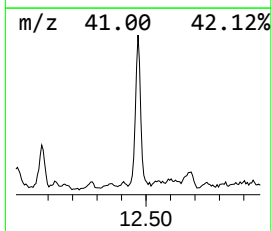
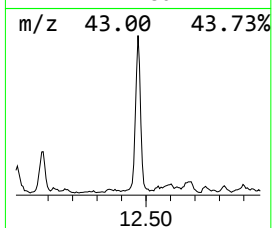
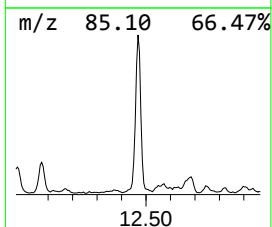
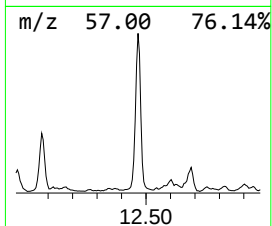
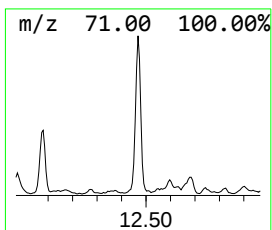
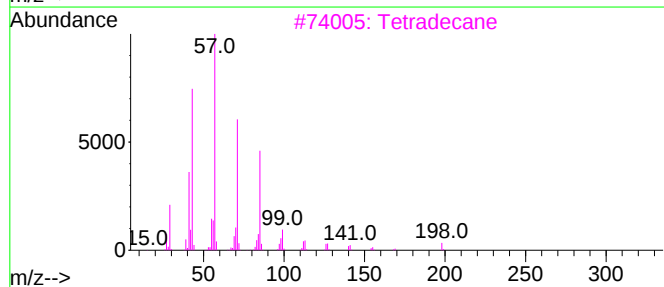
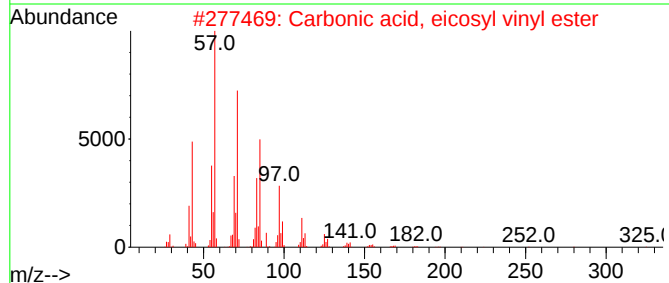
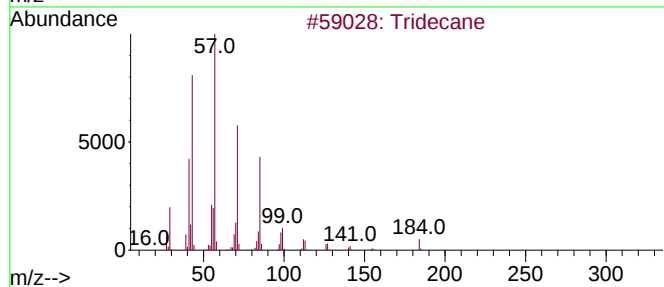
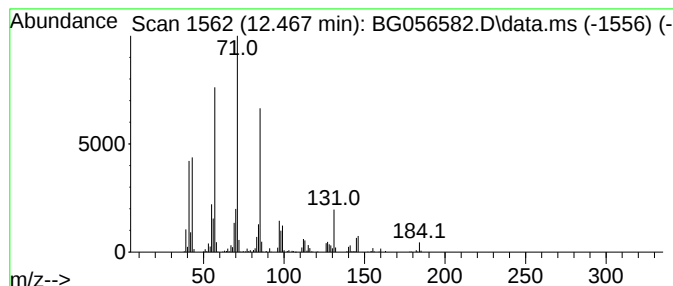
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.467	55.80 ng	1007650	Naphthalene-d8	11.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	83
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
3			Tetradecane	198	C14H30	000629-59-4	53
4			Succinic acid, 2-chloro-6-fluoro...	330	C15H16ClF05	1000390-72-1	47
5			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

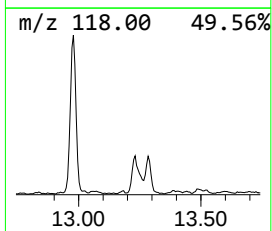
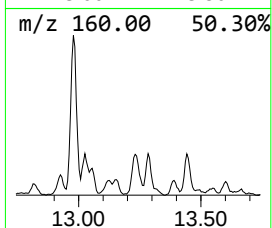
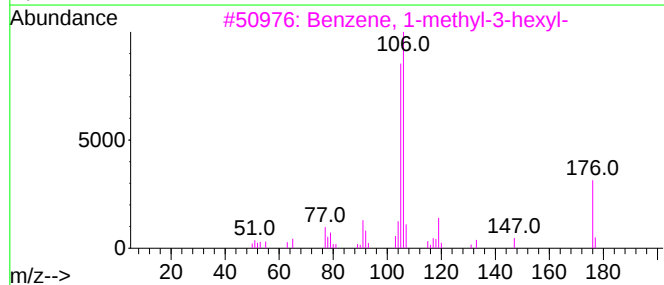
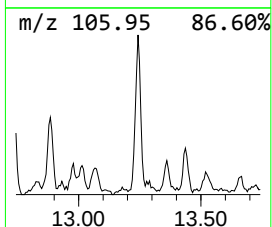
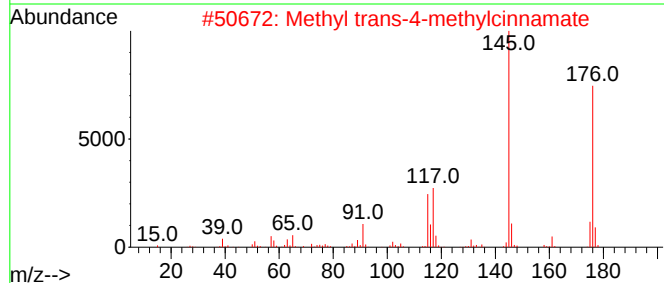
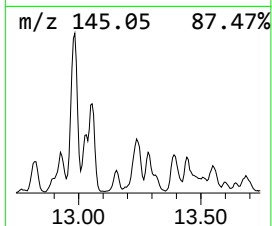
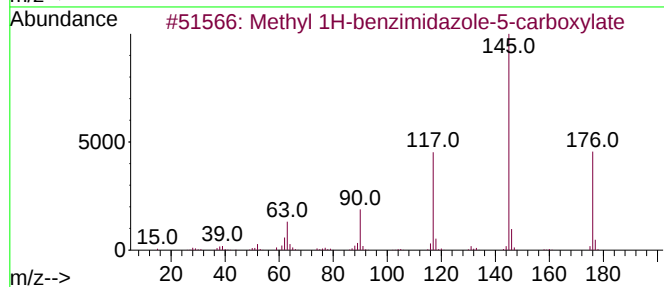
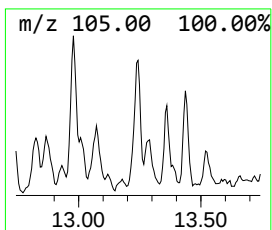
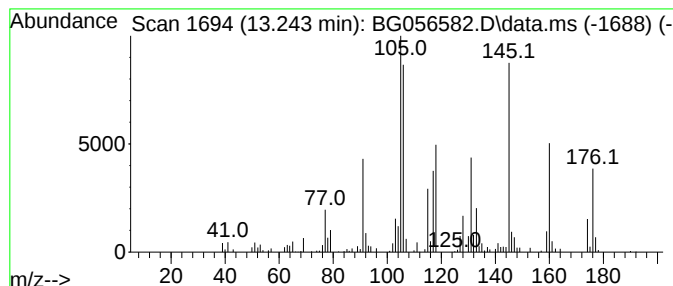
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown13.243 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.243	27.53 ng	512547	Acenaphthene-d10	14.894

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 1H-benzimidazole-5-carbox...	176	C9H8N2O2	026663-77-4	30
2			Methyl trans-4-methylcinnamate	176	C11H12O2	020754-20-5	25
3			Benzene, 1-methyl-3-hexyl-	176	C13H20	001595-03-5	25
4			Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	25
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

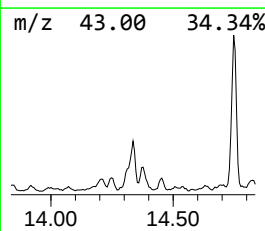
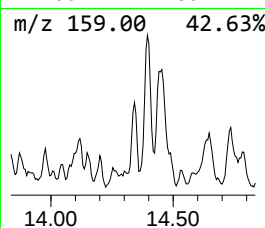
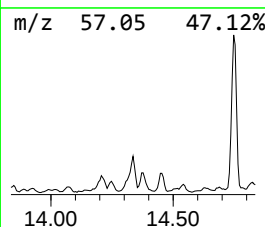
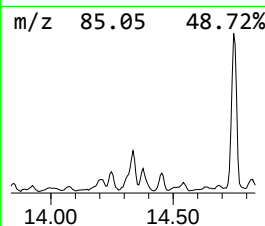
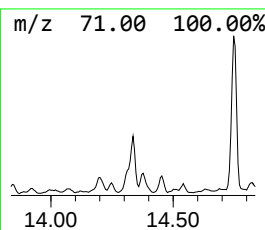
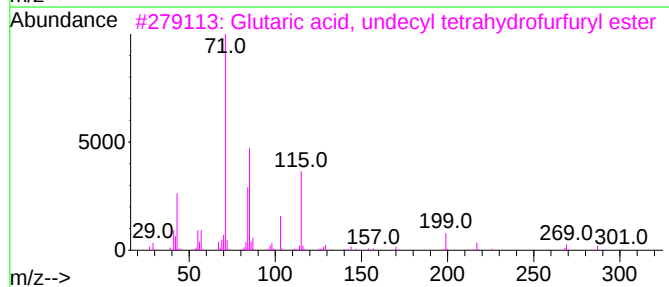
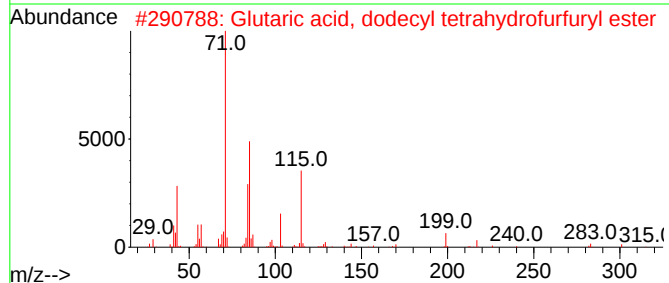
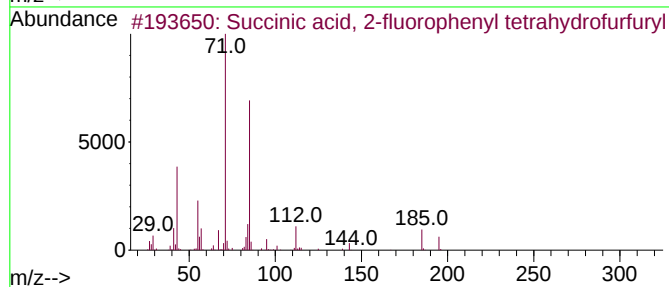
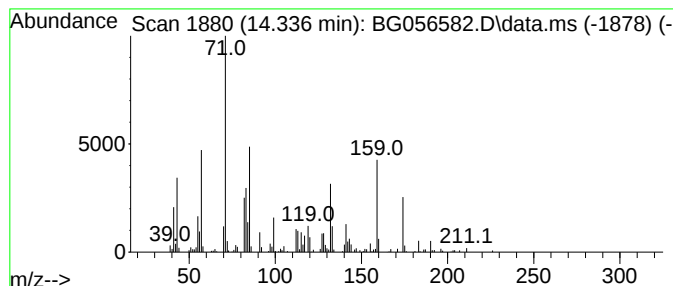
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.336 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	22.31 ng	415387	Acenaphthene-d10	14.894

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, 2-fluorophenyl te...	296	C15H17F05	1000390-71-9	38
2			Glutaric acid, dodecyl tetrahydr...	384	C22H40O5	1000359-66-8	35
3			Glutaric acid, undecyl tetrahydr...	370	C21H38O5	1000359-66-7	35
4			Succinic acid, hex-4-yn-3-yl tet...	282	C15H22O5	1000390-71-7	35
5			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

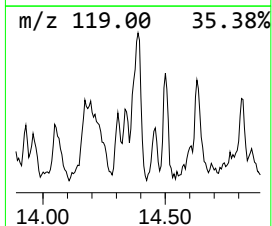
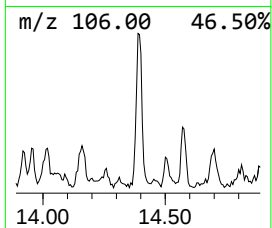
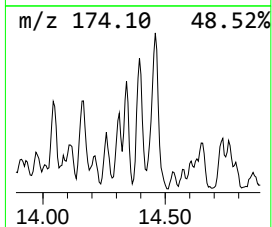
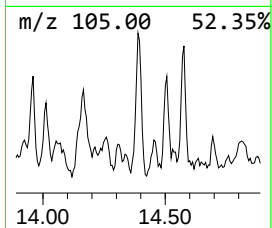
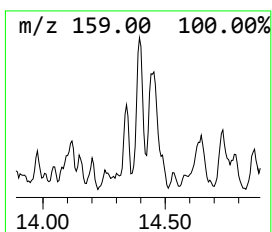
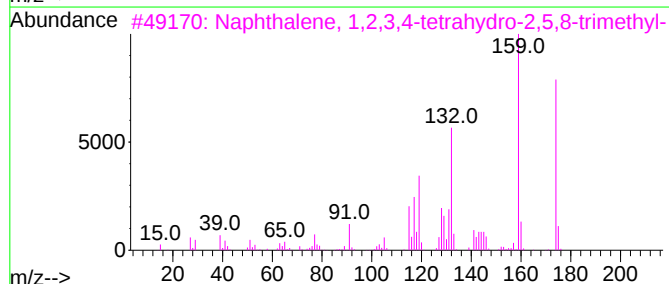
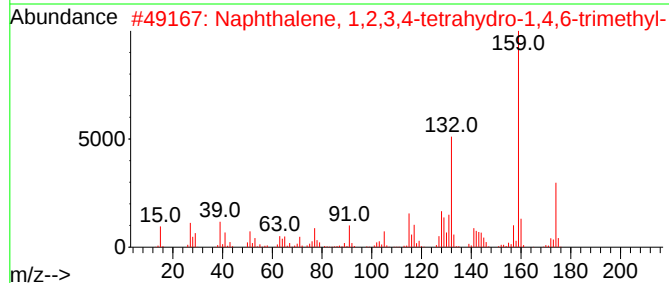
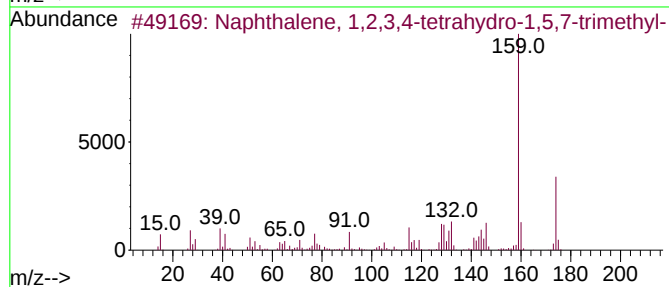
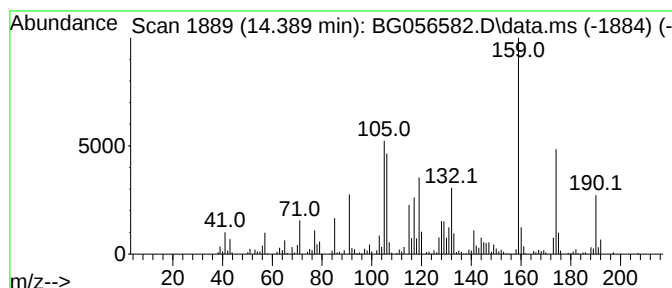
Instrument :
BNA_G
ClientSampleId :
TR-6-020723

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

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

Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.389	20.48 ng	381396	Acenaphthene-d10		14.894	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	70
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	64
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	64
4		1H-Benzimidazole, 2-(1,1-dimethy...	174	C11H14N2	024425-13-6	58
5		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

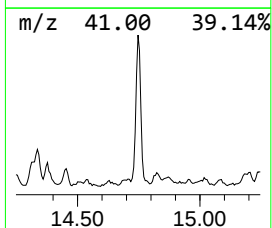
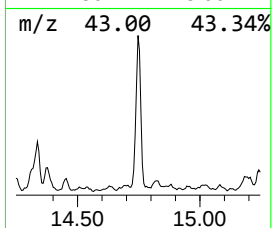
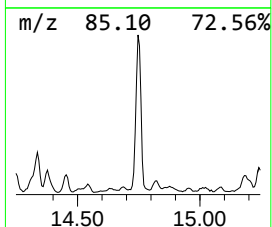
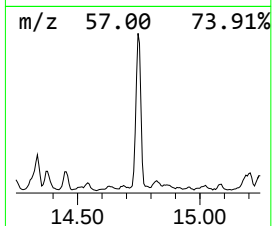
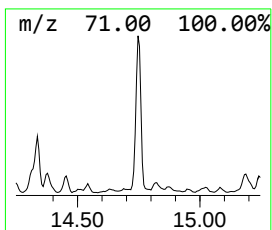
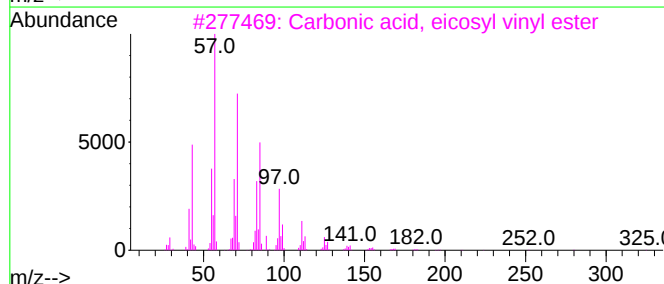
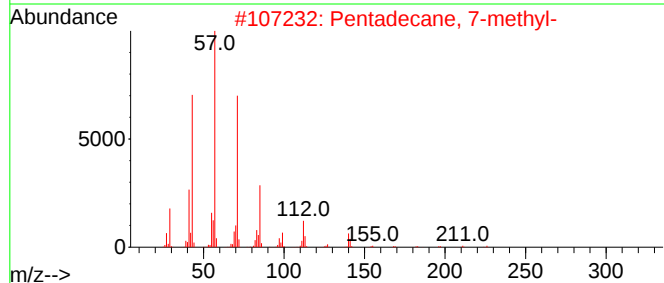
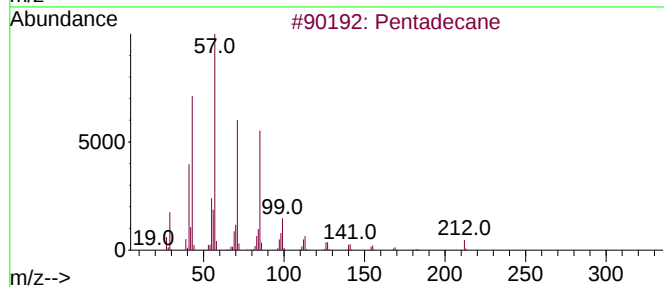
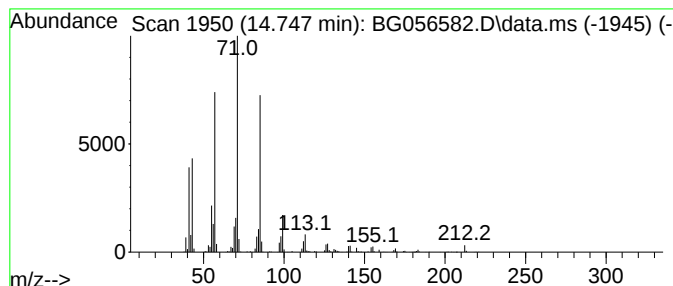
Instrument :
BNA_G
ClientSampleId :
TR-6-020723

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

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

Peak Number 12 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.747	61.82 ng	1151110	Acenaphthene-d10		14.894	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	92
2	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	86
3	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	80
4	Tetradecane		198	C14H30	000629-59-4	72
5	Succinic acid, 2,4,6-trichloroph...		380	C15H15Cl3O5	1000390-72-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

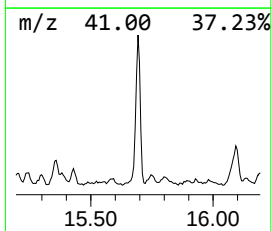
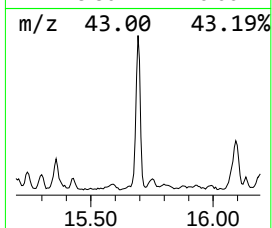
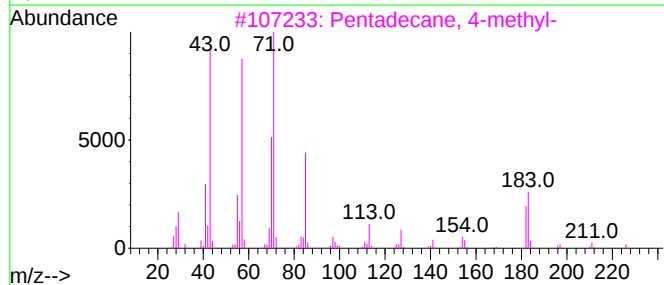
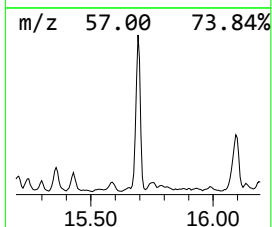
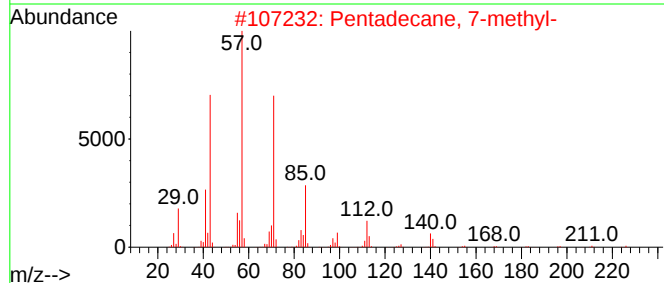
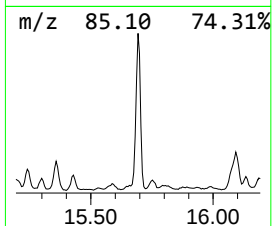
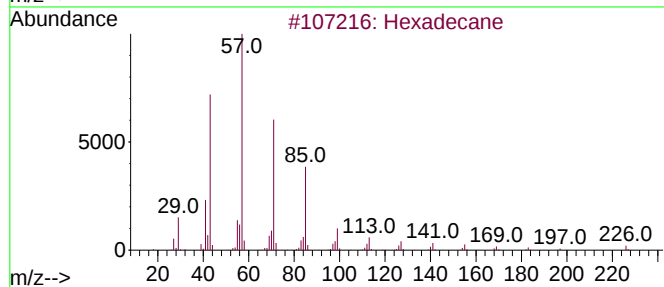
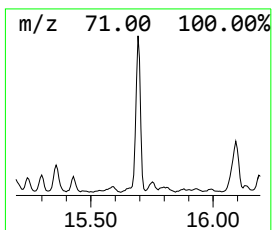
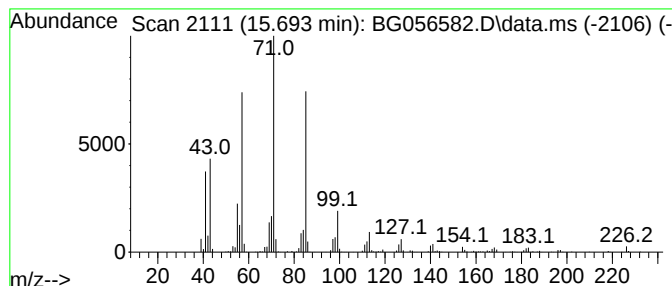
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.693	55.08 ng	1025540	Acenaphthene-d10	14.894

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
3		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	60
4		Heptadecane	240	C17H36	000629-78-7	52
5		Heneicosane	296	C21H44	000629-94-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

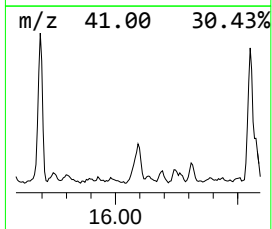
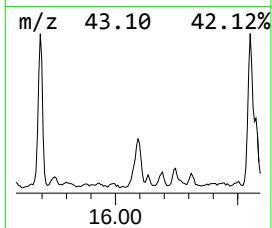
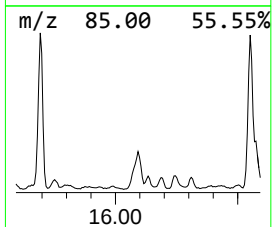
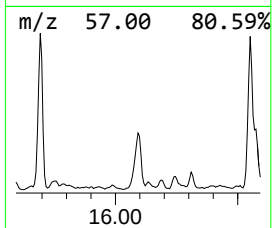
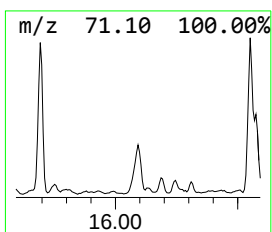
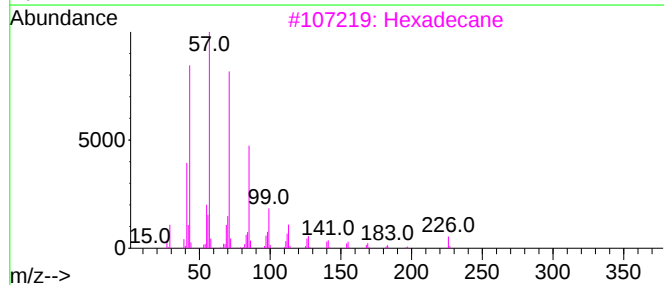
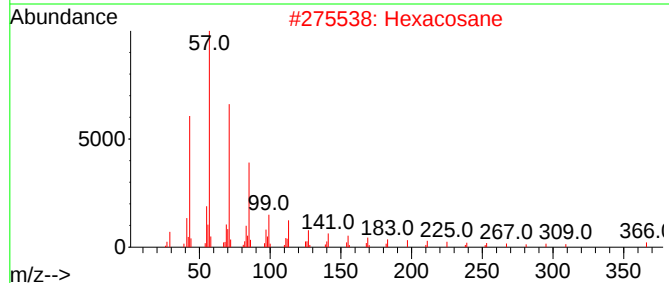
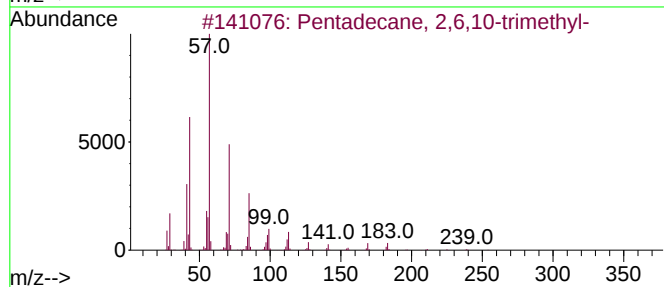
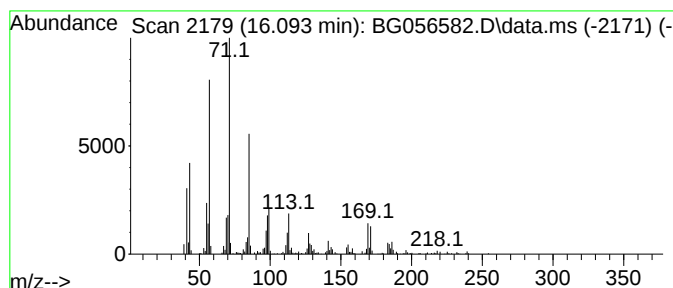
Instrument :
BNA_G
ClientSampleId :
TR-6-020723

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

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.093	35.51 ng	661198	Acenaphthene-d10		14.894	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	93
2	Hexacosane		366	C26H54	000630-01-3	80
3	Hexadecane		226	C16H34	000544-76-3	80
4	11-Methylpentacosane		366	C26H54	015689-71-1	80
5	Hexadecane, 3-methyl-		240	C17H36	006418-43-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

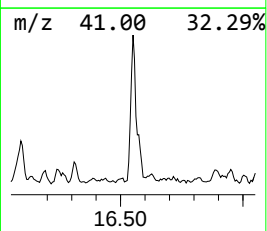
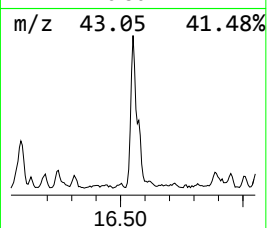
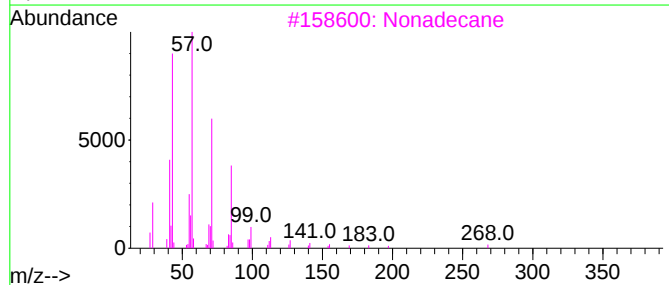
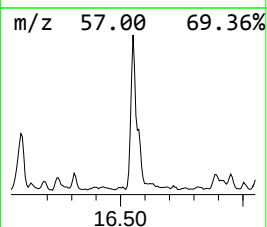
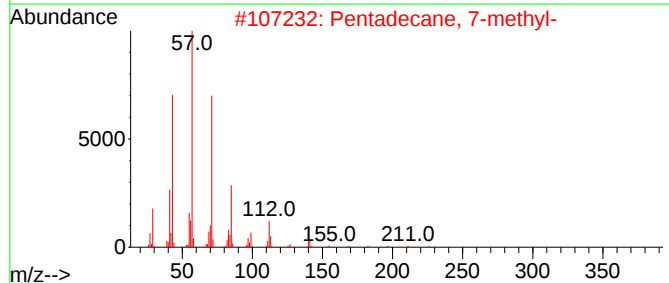
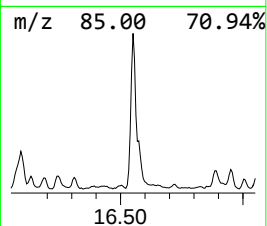
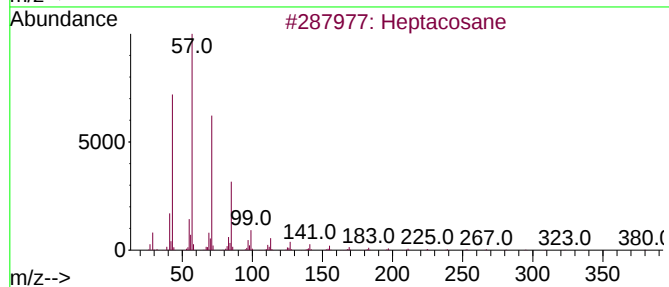
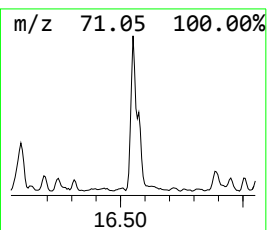
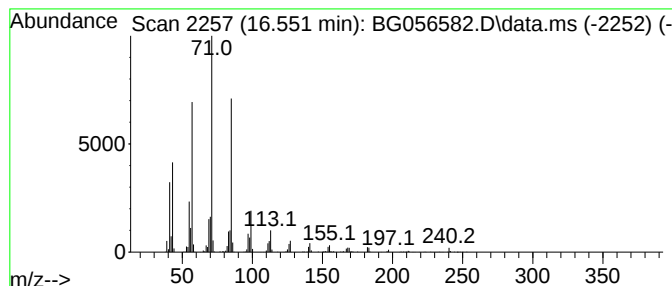
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	53.78 ng	1552370	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	86
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
3			Nonadecane	268	C19H40	000629-92-5	86
4			Heneicosane	296	C21H44	000629-94-7	62
5			Heptadecane	240	C17H36	000629-78-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

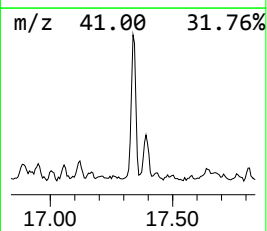
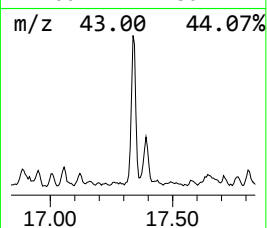
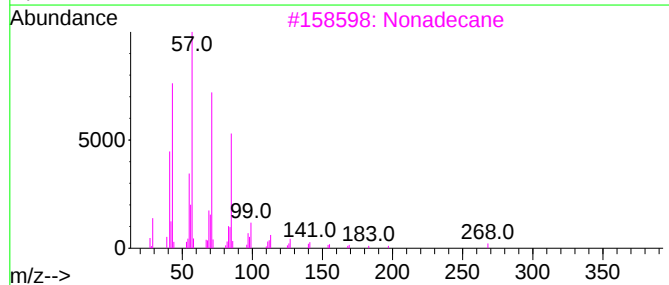
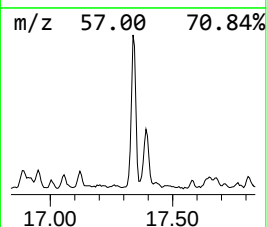
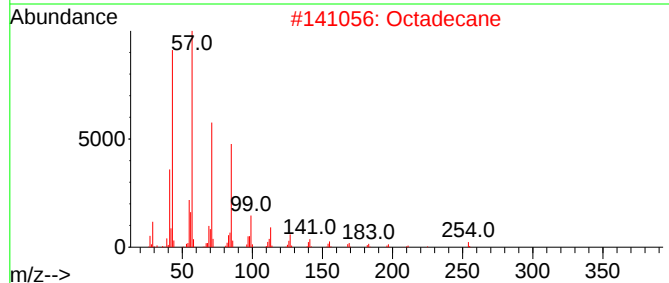
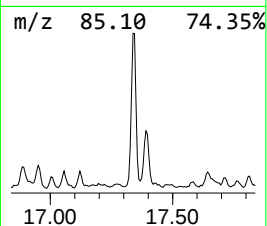
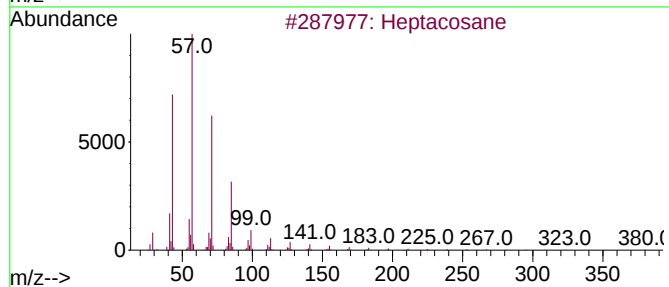
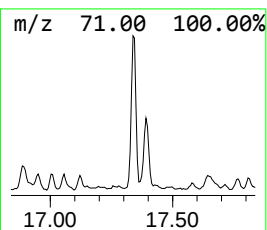
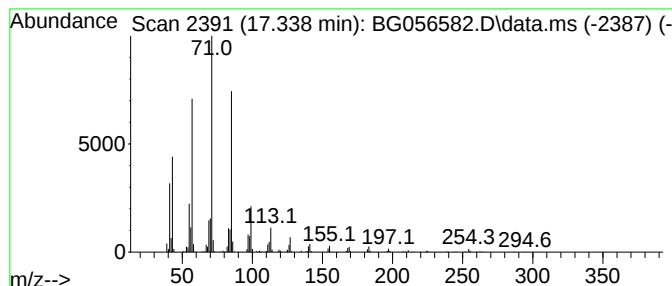
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.338	29.51 ng	851906	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Octadecane	254	C18H38	000593-45-3	86
3			Nonadecane	268	C19H40	000629-92-5	86
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
5			Heptadecane	240	C17H36	000629-78-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

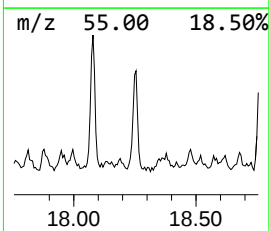
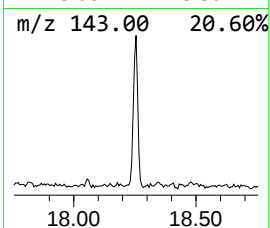
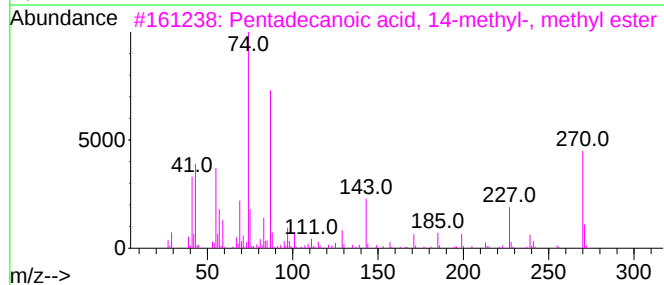
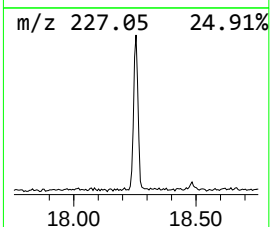
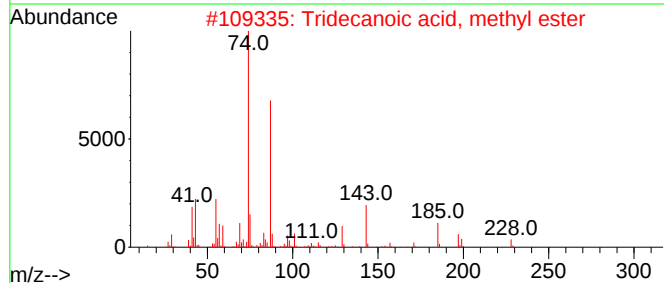
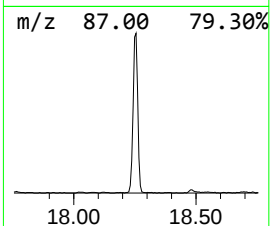
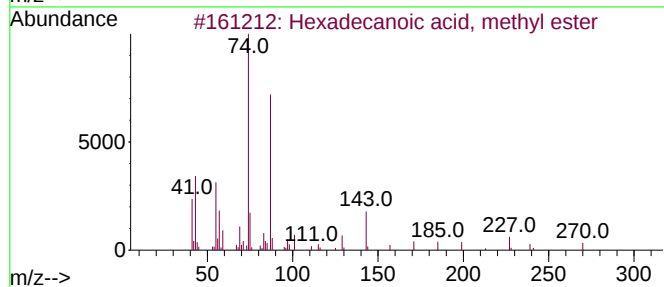
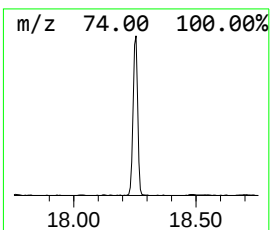
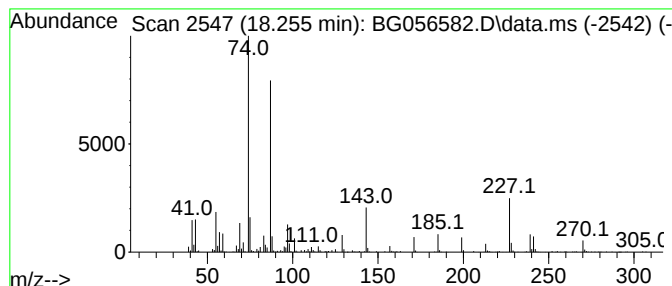
Instrument :
BNA_G
ClientSampleId :
TR-6-020723

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

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.255	25.18 ng	726919	Phenanthrene-d10	17.632	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	83
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

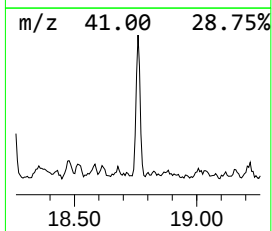
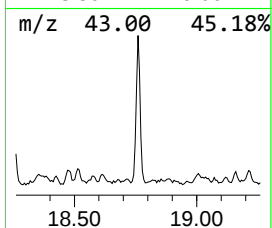
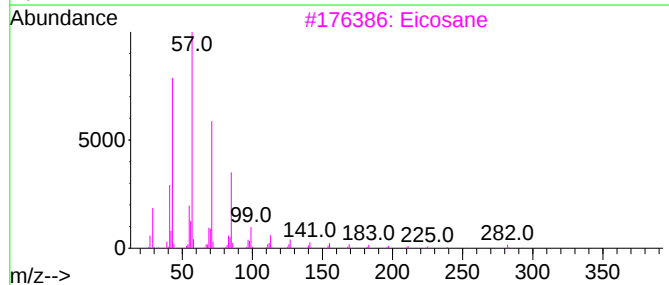
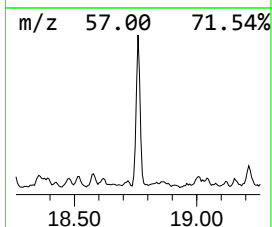
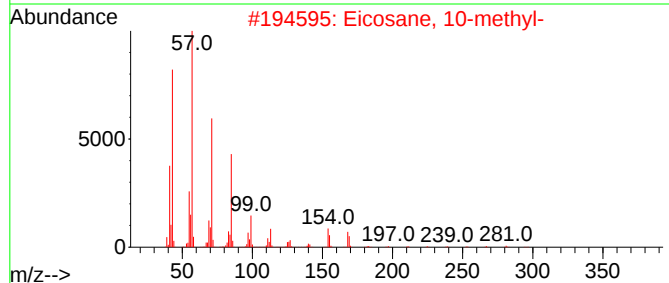
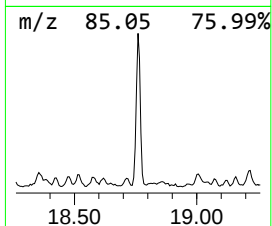
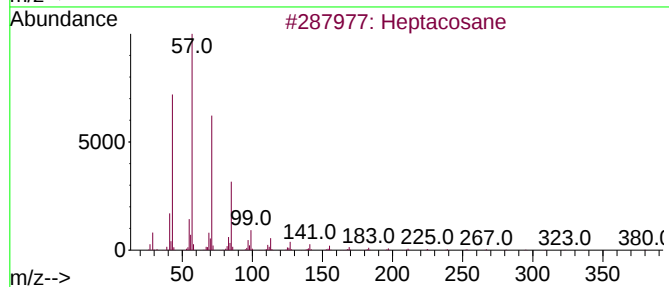
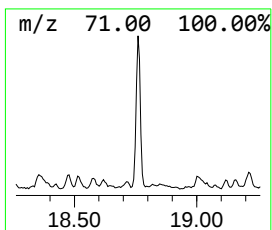
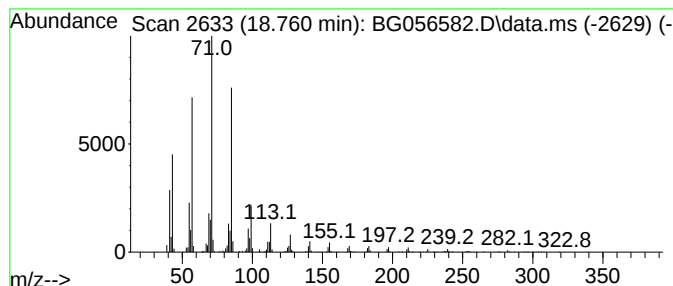
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane, 10-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.760	23.54 ng	679394	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

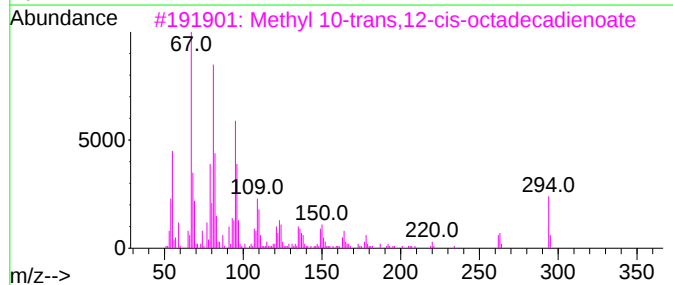
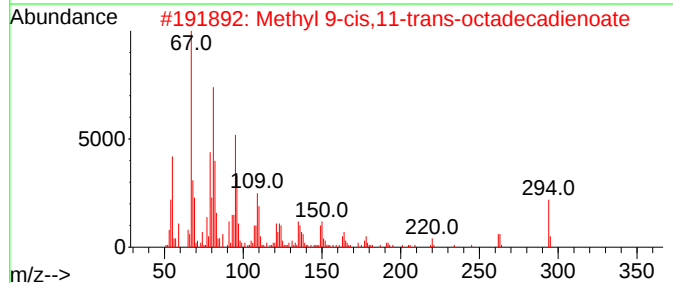
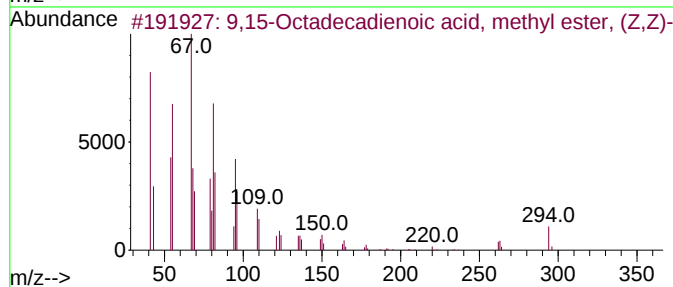
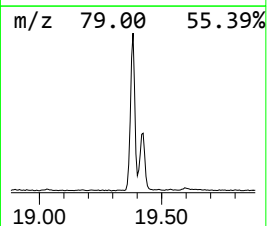
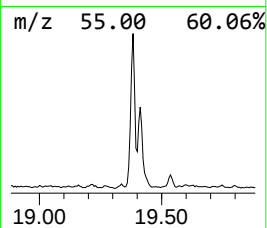
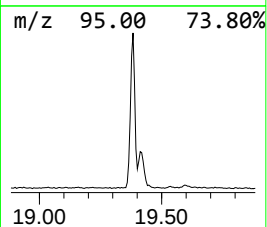
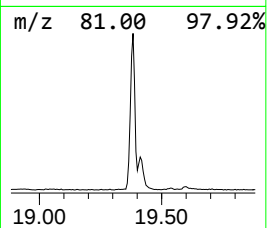
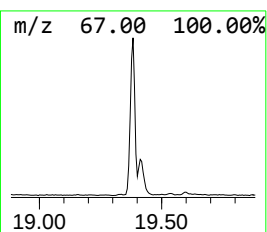
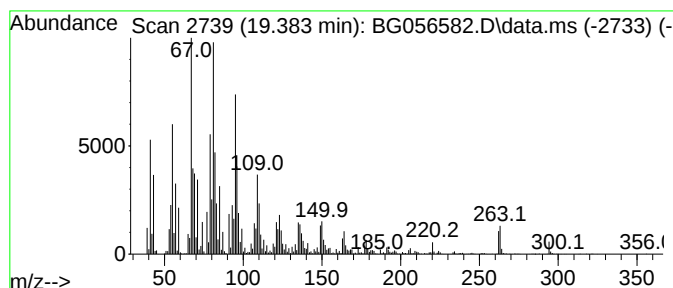
Instrument :
BNA_G
ClientSampleId :
TR-6-020723

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

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

Peak Number 19 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.383	153.65 ng	4434860	Phenanthrene-d10	17.632	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	94
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94
5	Methyl 5,12-octadecadienoate	294	C19H34O2	1000336-43-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056582.D
Acq On : 8 Feb 2023 15:05
Operator : CG/JU
Sample : 01477-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-6-020723

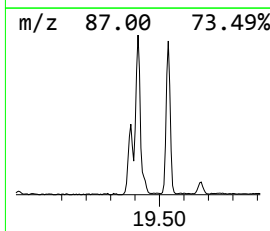
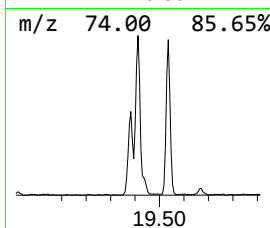
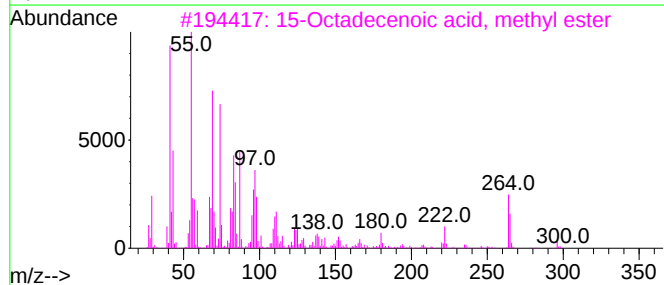
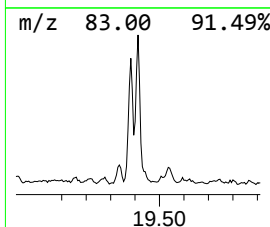
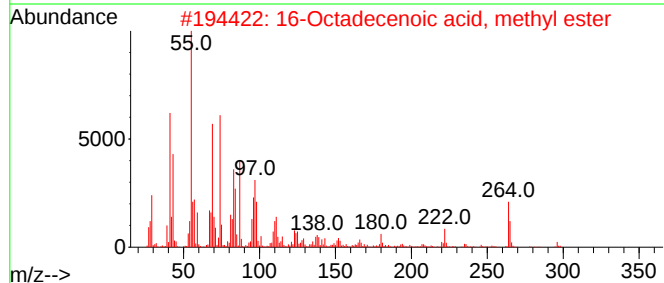
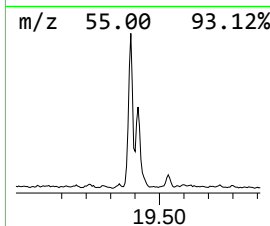
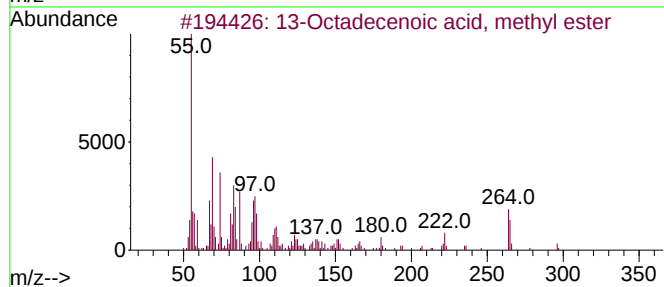
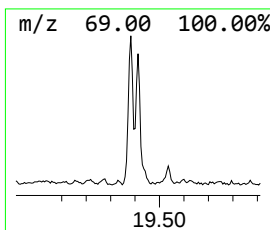
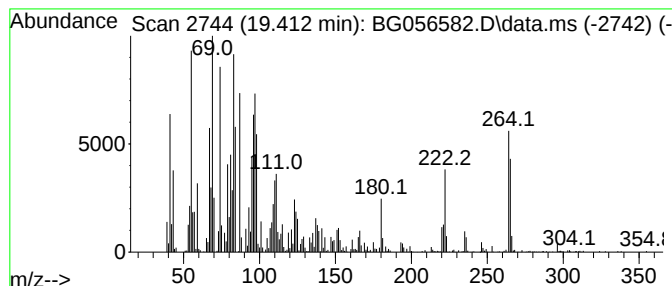
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.412	72.90 ng	2104210	Phenanthrene-d10	17.632

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
5		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056582.D
 Acq On : 8 Feb 2023 15:05
 Operator : CG/JU
 Sample : 01477-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-6-020723

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2-di...	8.907	22.8	ng	303547	1	8.266	266015	20.0
Benzene, 4-ethy...	9.377	24.9	ng	331788	1	8.266	266015	20.0
Benzene, 1-ethe...	10.487	29.8	ng	538180	2	11.104	361134	20.0
Dodecane	11.040	51.7	ng	934162	2	11.104	361134	20.0
Dodecane, 6-met...	11.222	27.5	ng	496845	2	11.104	361134	20.0
unknown11.780	11.780	32.8	ng	592822	2	11.104	361134	20.0
Naphthalene, 1,...	12.274	38.7	ng	698772	2	11.104	361134	20.0
Tridecane	12.467	55.8	ng	1007650	2	11.104	361134	20.0
unknown13.243	13.243	27.5	ng	512547	3	14.894	372388	20.0
unknown14.336	14.336	22.3	ng	415387	3	14.894	372388	20.0
Naphthalene, 1,...	14.389	20.5	ng	381396	3	14.894	372388	20.0
Pentadecane	14.747	61.8	ng	1151110	3	14.894	372388	20.0
Hexadecane	15.693	55.1	ng	1025540	3	14.894	372388	20.0
Pentadecane, 2,...	16.093	35.5	ng	661198	3	14.894	372388	20.0
Heptacosane	16.551	53.8	ng	1552370	4	17.632	577273	20.0
Octadecane	17.338	29.5	ng	851906	4	17.632	577273	20.0
Hexadecanoic ac...	18.255	25.2	ng	726919	4	17.632	577273	20.0
Eicosane, 10-me...	18.760	23.5	ng	679394	4	17.632	577273	20.0
9,15-Octadecadi...	19.383	153.7	ng	4434860	4	17.632	577273	20.0
13-Octadecenoic...	19.412	72.9	ng	2104210	4	17.632	577273	20.0