

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049908.D
 Acq On : 11 Apr 2025 19:32
 Operator : RC/JU
 Sample : Q1771-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7C

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_M\Methods\8270-BM040825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049908.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.363	397	404	412	rBV	1019707	1526618	15.23%	0.642%
2	6.340	566	570	575	rBV	501114	722046	7.20%	0.304%
3	6.422	575	584	587	rBV3	431458	891220	8.89%	0.375%
4	6.775	640	644	650	rVV	827985	1326691	13.23%	0.558%
5	6.946	665	673	680	rVV4	1187639	2913315	29.06%	1.225%
6	7.269	725	728	737	rVV3	342610	767461	7.65%	0.323%
7	7.410	747	752	759	rVV2	1474082	2218102	22.12%	0.933%
8	7.769	806	813	819	rVB2	2377645	4543201	45.32%	1.911%
9	7.851	819	827	831	rBV3	391016	799025	7.97%	0.336%
10	7.893	831	834	842	rVV	465018	809399	8.07%	0.340%
11	7.969	842	847	851	rVB3	594930	864128	8.62%	0.363%
12	8.069	861	864	871	rVB3	804069	1328929	13.26%	0.559%
13	8.134	871	875	882	rVB4	325814	731921	7.30%	0.308%
14	8.316	901	906	913	rVV3	1057400	2472885	24.67%	1.040%
15	8.375	913	916	920	rVB	980896	1191171	11.88%	0.501%
16	8.445	920	928	938	rVB3	1260303	3100772	30.93%	1.304%
17	8.551	940	946	949	rBV	1427445	2281831	22.76%	0.960%
18	8.887	993	1003	1007	rBV3	1815637	4220487	42.10%	1.775%
19	8.928	1007	1010	1014	rVV	605940	1101628	10.99%	0.463%
20	9.010	1014	1024	1029	rVB	3748567	6689538	66.72%	2.814%
21	9.104	1034	1040	1041	rBV3	912434	1473830	14.70%	0.620%
22	9.134	1041	1045	1051	rVB6	1377146	2879993	28.73%	1.211%
23	9.216	1051	1059	1061	rBV3	825025	1703783	16.99%	0.717%
24	9.369	1077	1085	1088	rBV7	456734	1023420	10.21%	0.431%
25	9.428	1088	1095	1102	rVV3	1167340	2856463	28.49%	1.202%
26	9.498	1103	1107	1112	rVV2	912021	1539492	15.36%	0.648%
27	9.663	1130	1135	1139	rBV2	783937	1301407	12.98%	0.547%
28	9.704	1139	1142	1147	rVB2	1021046	1569238	15.65%	0.660%
29	9.757	1147	1151	1160	rVB4	1236847	2528153	25.22%	1.063%
30	9.857	1160	1168	1173	rVB3	1684423	3980848	39.71%	1.675%
31	9.928	1173	1180	1184	rBV	2010954	3049625	30.42%	1.283%
32	9.975	1184	1188	1191	rBV3	1258285	2207330	22.02%	0.929%
33	10.010	1191	1194	1198	rVB2	1265319	1655082	16.51%	0.696%
34	10.110	1207	1211	1215	rBV	1647799	2369885	23.64%	0.997%
35	10.163	1215	1220	1224	rVV3	1108799	2092022	20.87%	0.880%
36	10.204	1224	1227	1234	rVB	961618	1460892	14.57%	0.615%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049908.D
 Acq On : 11 Apr 2025 19:32
 Operator : RC/JU
 Sample : Q1771-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7C

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_M\Methods\8270-BM040825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.275	1235	1239	1242	rBV	707358	1093510	10.91%	0.460%
38	10.310	1243	1245	1250	rVV3	543239	787893	7.86%	0.331%
39	10.363	1250	1254	1258	rVB3	507419	770505	7.69%	0.324%
40	10.439	1263	1267	1270	rBV3	745605	1228034	12.25%	0.517%
41	10.481	1270	1274	1279	rVB4	504594	816853	8.15%	0.344%
42	10.557	1280	1287	1294	rBV2	5299091	10025674	100.00%	4.217%
43	10.622	1294	1298	1301	rBV5	638283	1024230	10.22%	0.431%
44	10.692	1306	1310	1314	rVV3	1335184	2566089	25.60%	1.079%
45	10.745	1314	1319	1324	rVV	3658149	5855583	58.41%	2.463%
46	10.798	1324	1328	1336	rVV4	1075184	2575606	25.69%	1.083%
47	10.869	1336	1340	1345	rVB4	822792	1439355	14.36%	0.605%
48	11.069	1371	1374	1380	rVB3	1062301	1544555	15.41%	0.650%
49	11.281	1399	1410	1413	rBV7	1741414	4726903	47.15%	1.988%
50	11.339	1417	1420	1427	rVB2	1219366	2186725	21.81%	0.920%
51	11.416	1428	1433	1439	rBV3	1997308	3288433	32.80%	1.383%
52	11.498	1440	1447	1453	rVB3	1889347	3897469	38.87%	1.639%
53	11.604	1459	1465	1470	rBV	4175448	7638108	76.19%	3.213%
54	11.680	1475	1478	1484	rVB5	733005	1371425	13.68%	0.577%
55	11.769	1488	1493	1501	rVB2	1527235	2593845	25.87%	1.091%
56	11.863	1501	1509	1514	rBV3	859118	1885125	18.80%	0.793%
57	12.004	1527	1533	1544	rBV	4235712	7363193	73.44%	3.097%
58	12.122	1550	1553	1560	rVB3	922196	1890264	18.85%	0.795%
59	12.233	1564	1572	1578	rVB3	2390488	5635115	56.21%	2.370%
60	12.375	1592	1596	1599	rBV3	448889	710235	7.08%	0.299%
61	12.451	1605	1609	1612	rBV2	1178069	1876183	18.71%	0.789%
62	12.492	1612	1616	1620	rVB2	1217931	1837705	18.33%	0.773%
63	12.639	1637	1641	1645	rVV	1374225	2182758	21.77%	0.918%
64	12.686	1645	1649	1656	rVV4	1283221	2933927	29.26%	1.234%
65	12.751	1656	1660	1667	rVV4	1371033	2190780	21.85%	0.922%
66	12.822	1668	1672	1676	rVB2	839667	1272843	12.70%	0.535%
67	12.910	1682	1687	1691	rBV3	1728701	2817186	28.10%	1.185%
68	12.963	1692	1696	1701	rVV3	4109172	6054336	60.39%	2.547%
69	13.039	1705	1709	1713	rVB	1326694	1880918	18.76%	0.791%
70	13.251	1739	1745	1752	rVB	4130329	6968231	69.50%	2.931%
71	13.345	1757	1761	1763	rBV	954555	1397428	13.94%	0.588%
72	13.416	1769	1773	1776	rVB3	770471	1022780	10.20%	0.430%
73	13.580	1796	1801	1803	rBV	841356	1518066	15.14%	0.639%
74	13.692	1817	1820	1823	rBV3	432145	708630	7.07%	0.298%
75	13.739	1824	1828	1832	rVV	998322	1726394	17.22%	0.726%
76	13.792	1832	1837	1840	rVV4	1382539	2203849	21.98%	0.927%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049908.D
 Acq On : 11 Apr 2025 19:32
 Operator : RC/JU
 Sample : Q1771-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7C

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_M\Methods\8270-BM040825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.886	1849	1853	1854	rBV2	1199896	1418964	14.15%	0.597%
78	13.910	1854	1857	1861	rVB	3026644	3861631	38.52%	1.624%
79	14.027	1875	1877	1881	rVB2	882623	973066	9.71%	0.409%
80	14.122	1890	1893	1900	rBV5	398485	858981	8.57%	0.361%
81	14.263	1913	1917	1922	rVB3	741572	1315535	13.12%	0.553%
82	14.327	1923	1928	1933	rBV	2959116	3983680	39.73%	1.676%
83	14.416	1935	1943	1951	rBV3	2551449	5552255	55.38%	2.336%
84	14.786	2000	2006	2009	rVV4	736402	1888836	18.84%	0.795%
85	14.821	2009	2012	2018	rVV2	1112430	1785578	17.81%	0.751%
86	14.886	2019	2023	2030	rVV2	753707	1330047	13.27%	0.559%
87	14.951	2030	2034	2041	rVB4	932882	1468249	14.64%	0.618%
88	15.274	2086	2089	2093	rVB	1604323	1864110	18.59%	0.784%
89	15.686	2153	2159	2163	rVB	949295	1568704	15.65%	0.660%
90	15.774	2170	2174	2181	rVB3	569857	992535	9.90%	0.418%
91	15.904	2190	2196	2204	rVB4	1353388	2342044	23.36%	0.985%
92	16.139	2232	2236	2238	rBV2	1092077	1435644	14.32%	0.604%
93	16.980	2375	2379	2389	rVB	486636	896859	8.95%	0.377%
94	17.162	2404	2410	2414	rBV	2657725	3745903	37.36%	1.576%
95	18.080	2562	2566	2573	rVB	411720	738829	7.37%	0.311%
96	19.215	2755	2759	2764	rBV	801940	1169473	11.66%	0.492%
97	19.580	2817	2821	2831	rVB2	767828	1281426	12.78%	0.539%
98	19.786	2852	2856	2860	rVB	2158205	2595639	25.89%	1.092%
99	21.398	3125	3130	3135	rVB	2660589	3887762	38.78%	1.635%
100	24.403	3637	3641	3661	rVB2	1894136	5071500	50.59%	2.133%

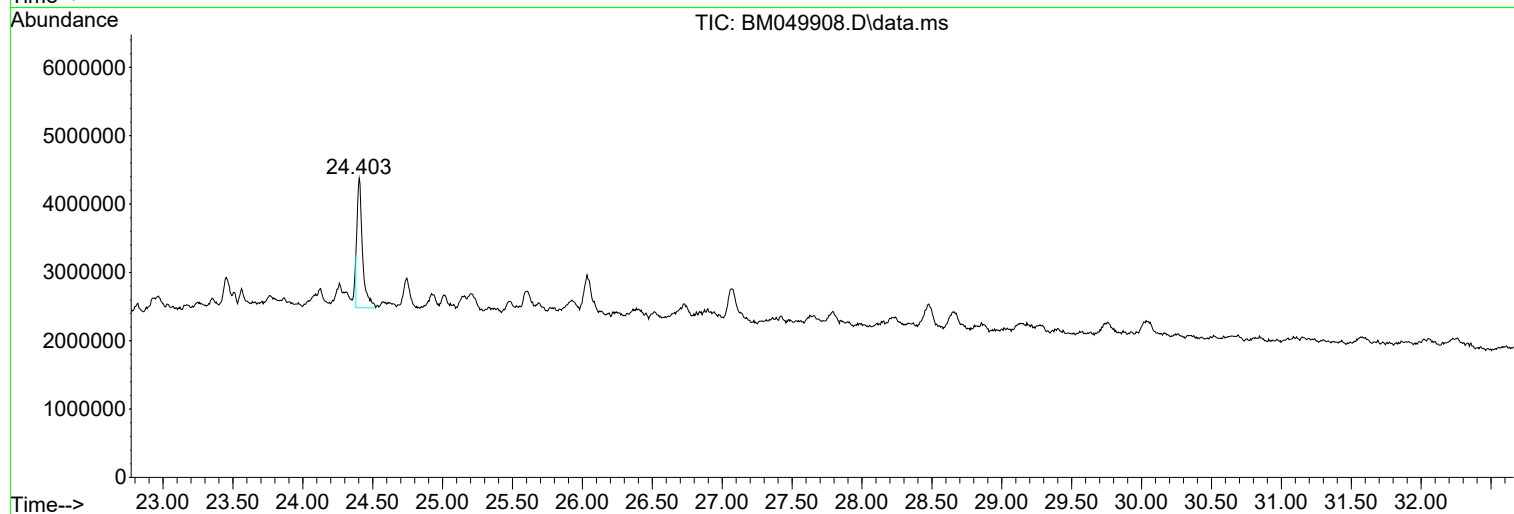
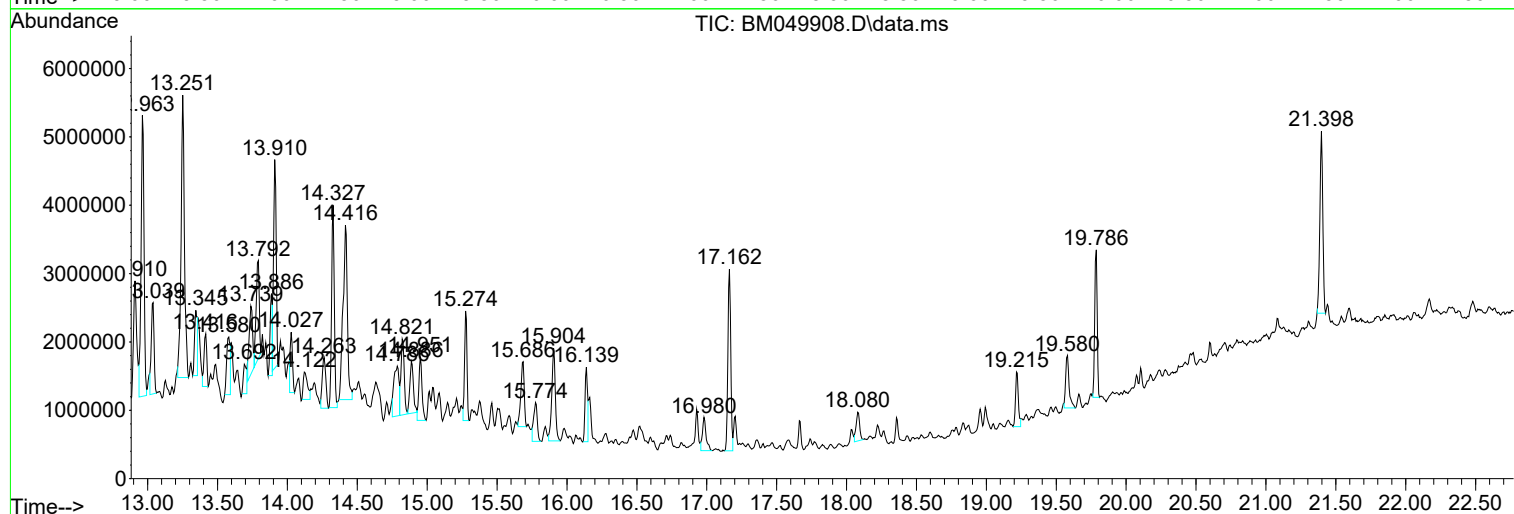
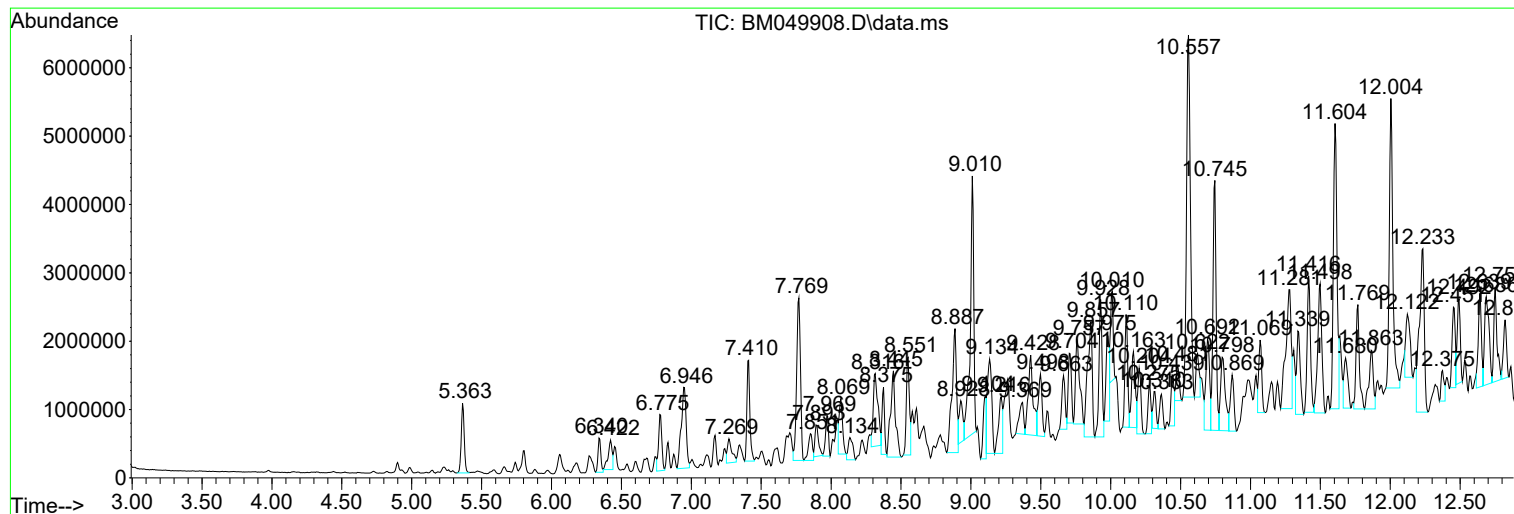
Sum of corrected areas: 237725822

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

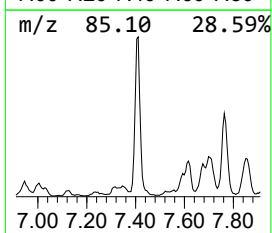
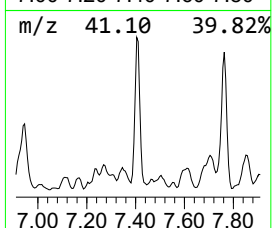
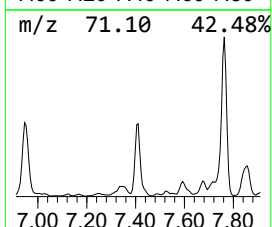
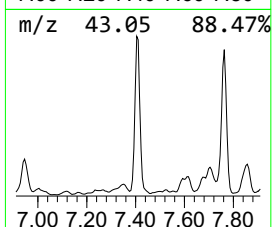
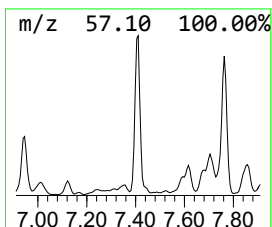
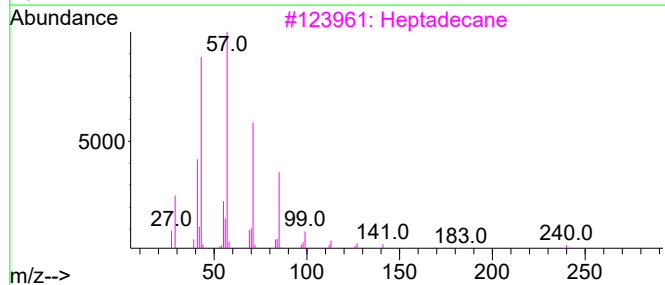
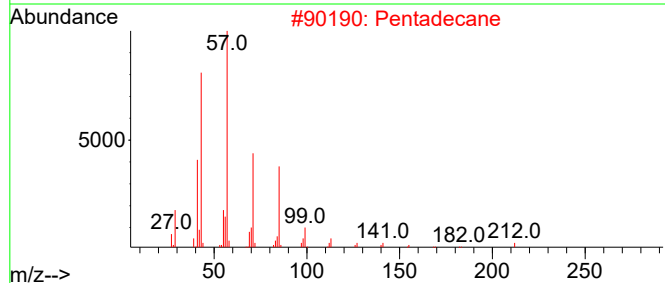
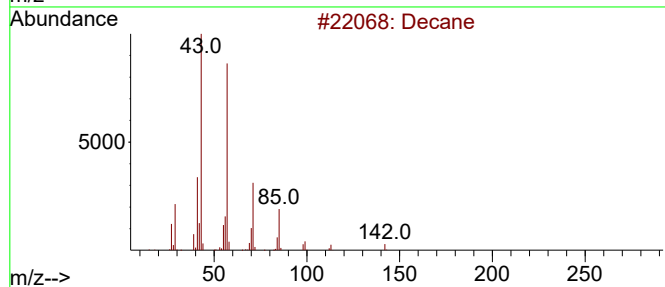
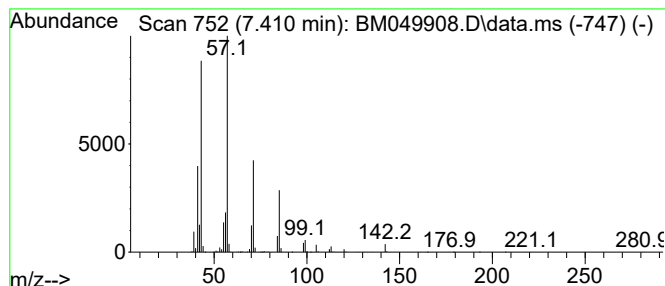
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.410	9.76 ng	2218100	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Pentadecane	212	C15H32	000629-62-9	83
3			Heptadecane	240	C17H36	000629-78-7	83
4			Hexadecane	226	C16H34	000544-76-3	78
5			Undecane	156	C11H24	001120-21-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

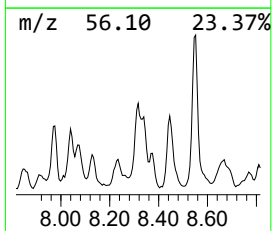
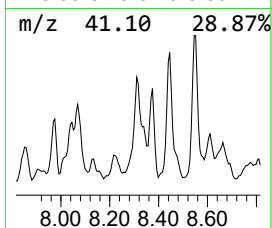
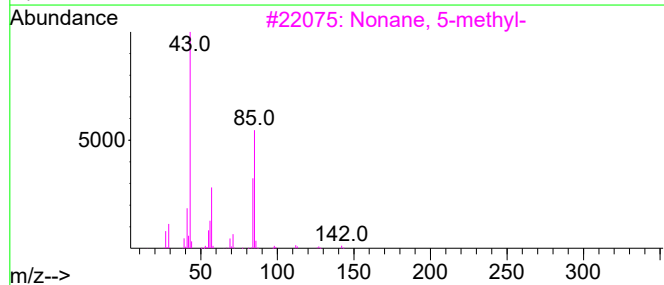
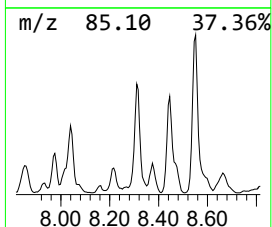
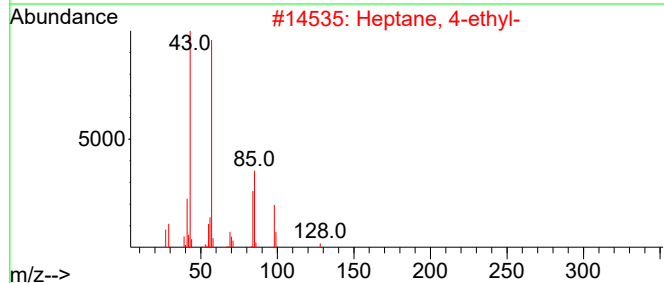
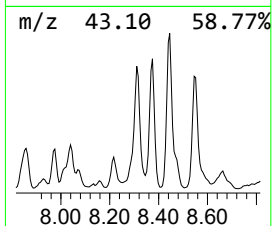
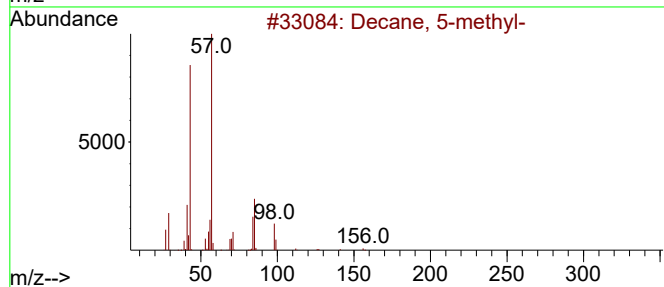
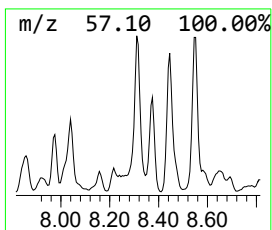
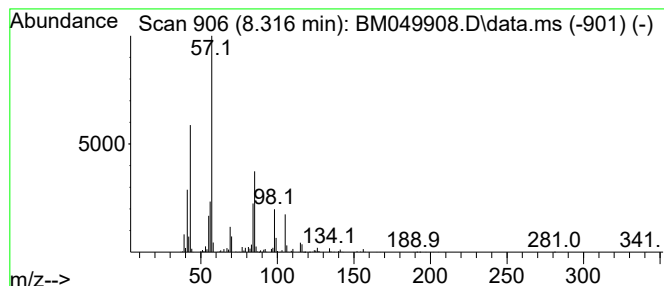
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.316	10.89 ng	2472890	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	68
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
3			Nonane, 5-methyl-	142	C10H22	015869-85-9	47
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
5			2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

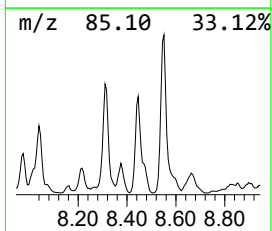
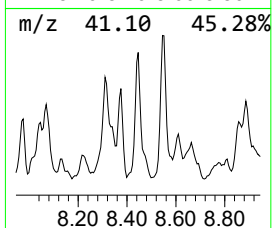
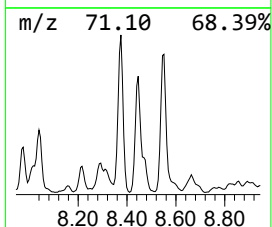
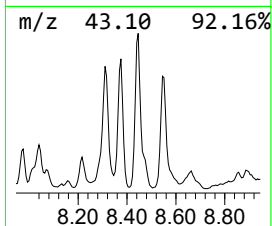
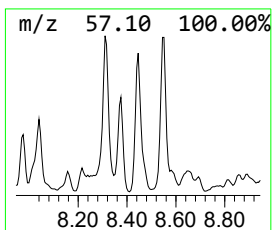
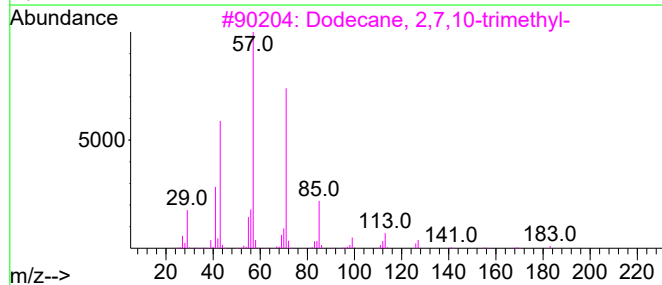
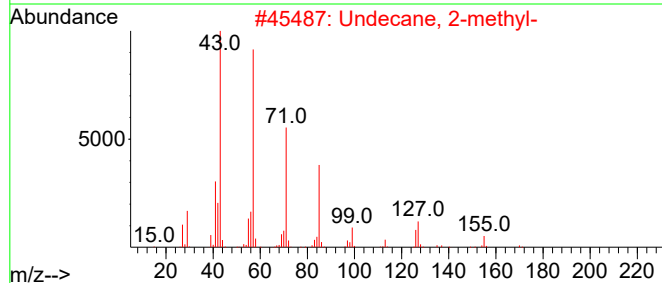
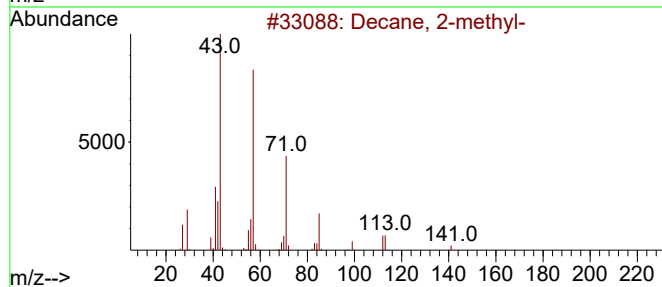
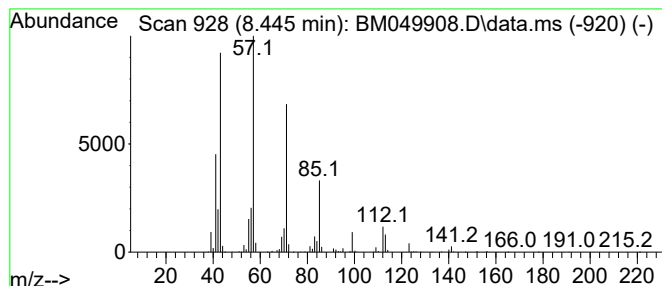
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	13.65 ng	3100770	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	90
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

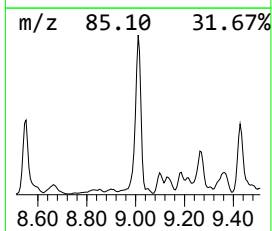
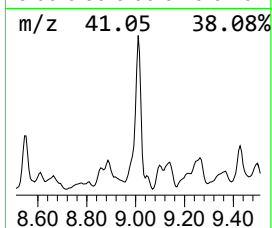
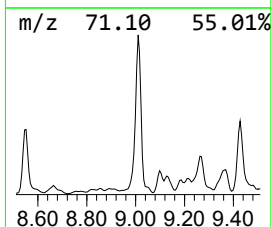
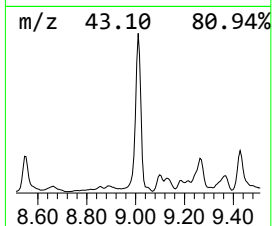
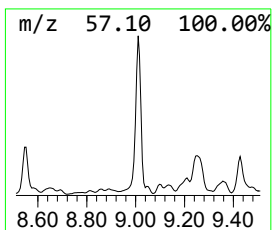
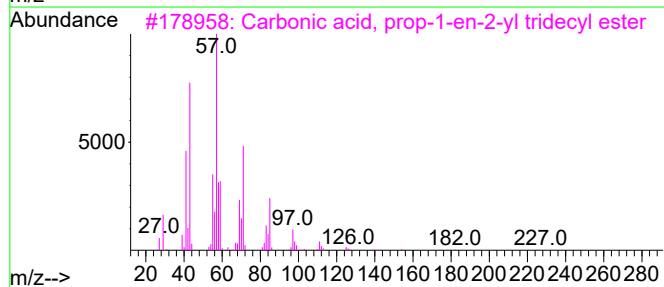
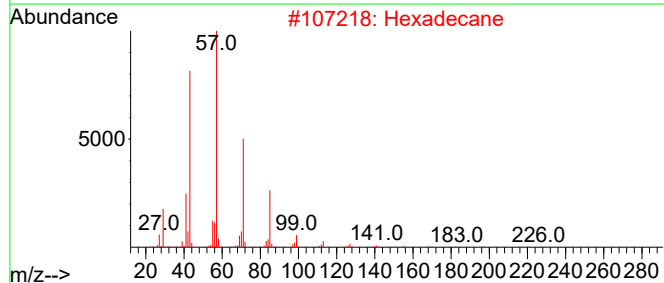
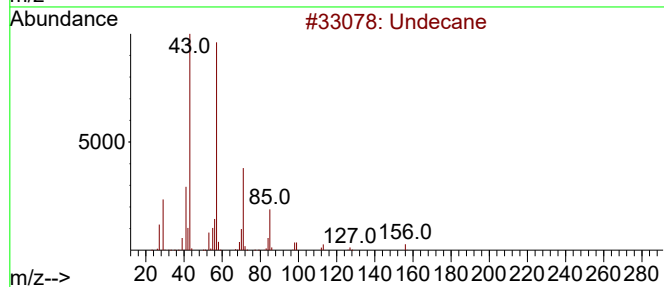
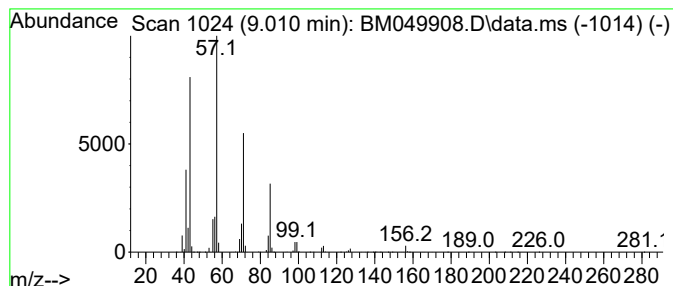
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	29.45 ng	6689540	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	87
2	Hexadecane			226	C16H34	000544-76-3	86
3	Carbonic acid, prop-1-en-2-yl tr...			284	C17H32O3	1000382-90-8	83
4	Pentadecane			212	C15H32	000629-62-9	83
5	Decane, 2,3,6-trimethyl-			184	C13H28	062238-12-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

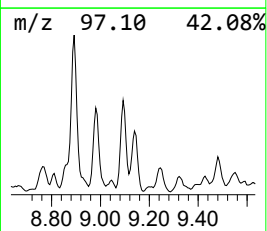
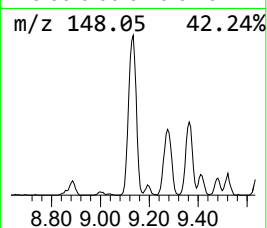
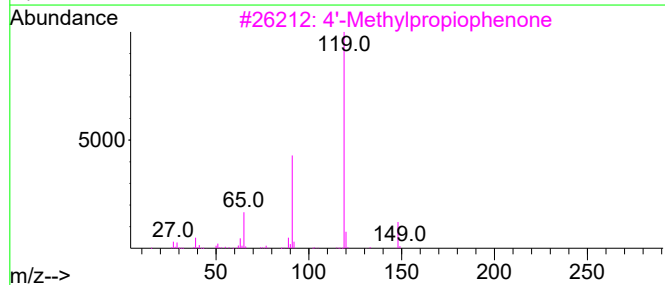
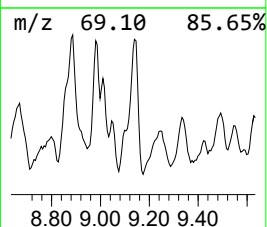
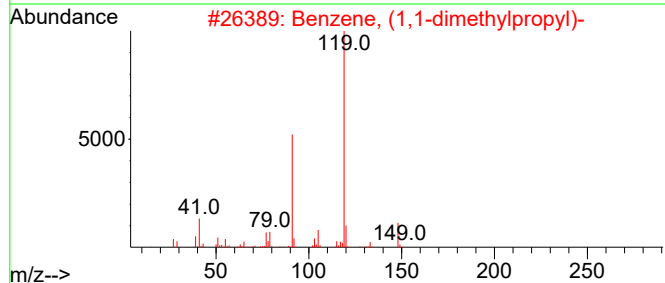
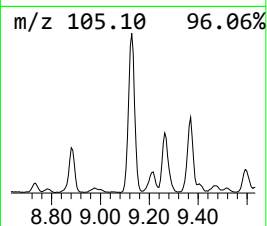
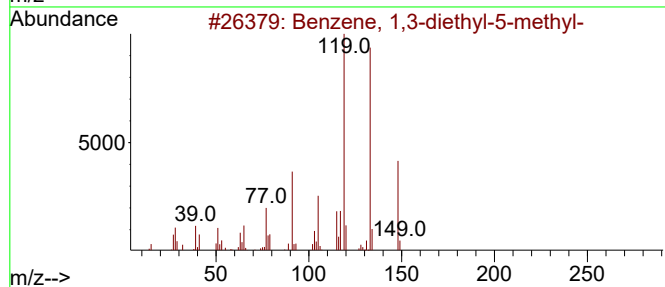
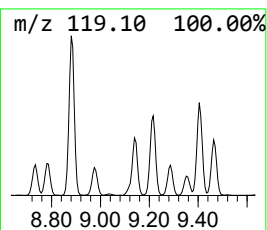
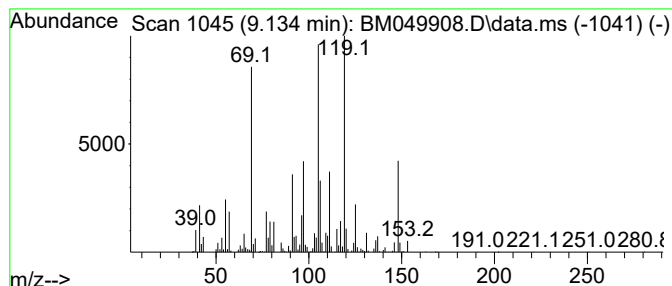
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.134 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.134	12.68 ng	2879990	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
3			4'-Methylpropiophenone	148	C10H12O	005337-93-9	27
4			2-Ethyl-1-pyrroline	97	C6H11N	1000422-81-4	22
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

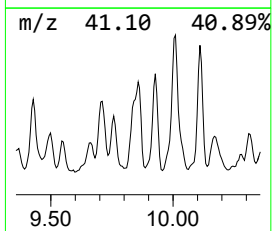
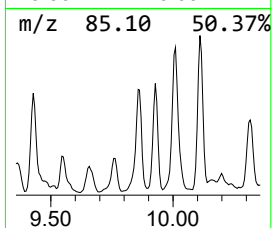
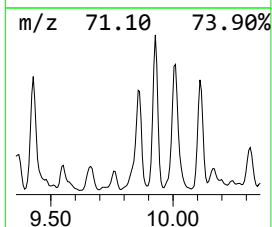
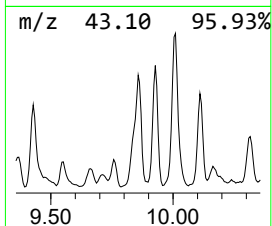
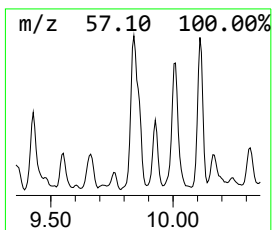
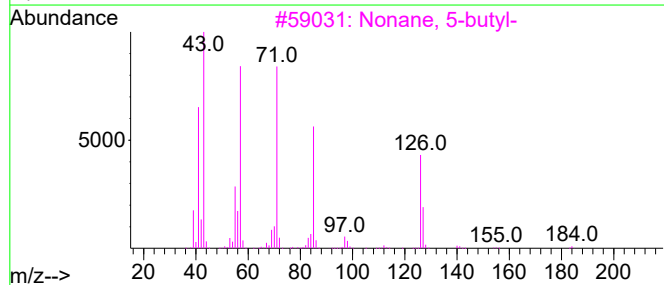
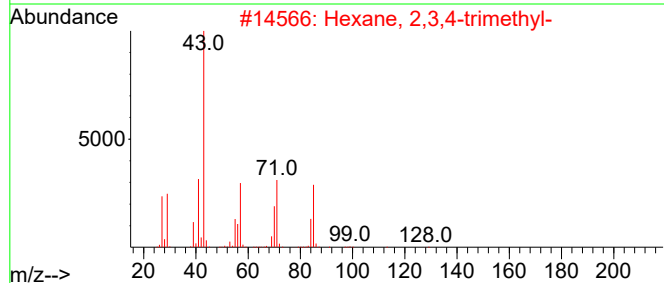
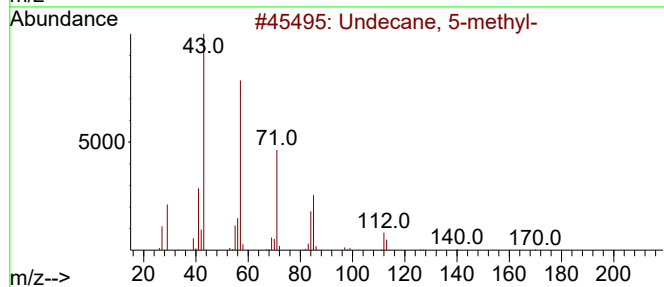
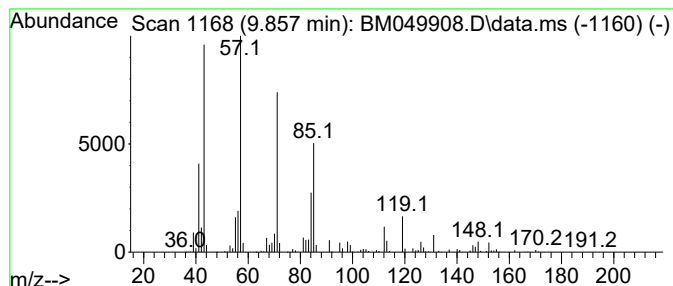
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	7.94 ng	3980850	Naphthalene-d8	10.569

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 5-methyl-	170	C12H26	001632-70-8	74
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	64
4		Dodecane	170	C12H26	000112-40-3	64
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

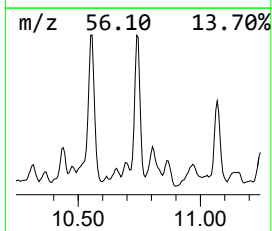
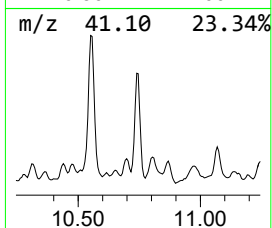
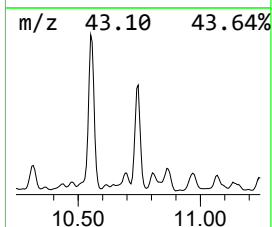
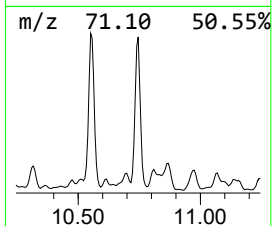
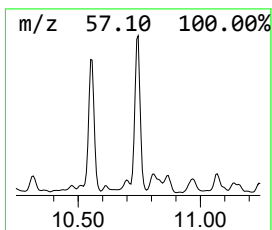
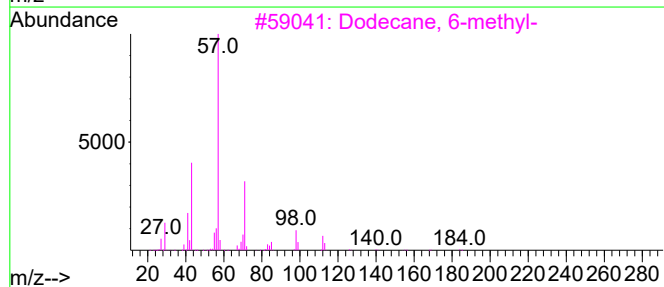
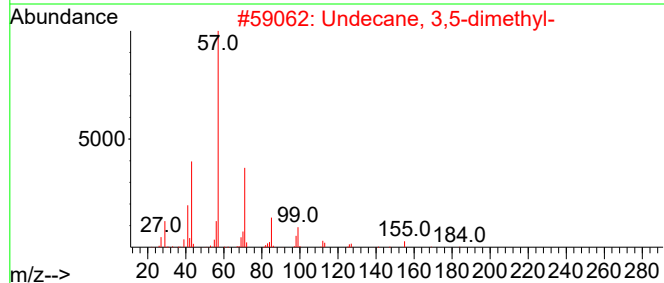
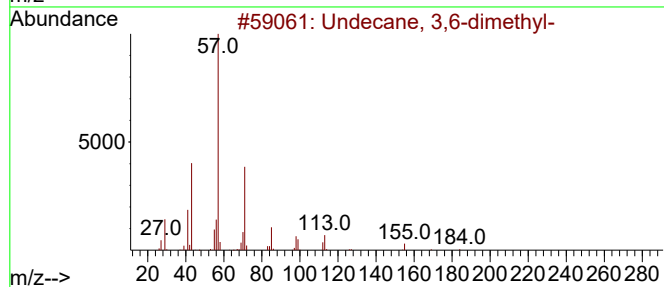
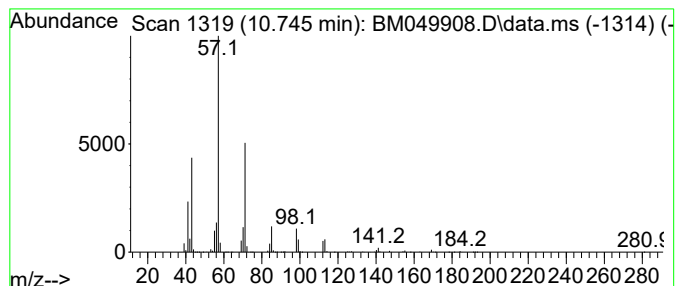
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	11.68 ng	5855580	Naphthalene-d8	10.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
2			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

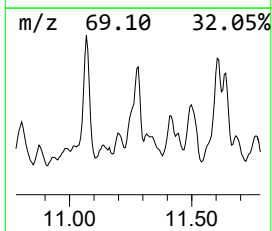
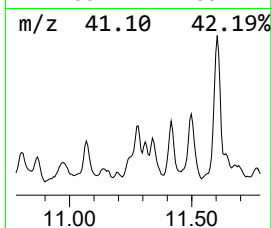
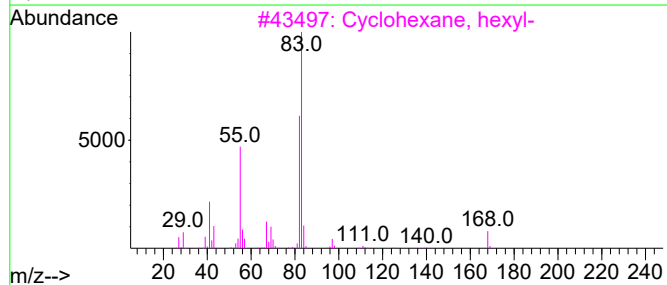
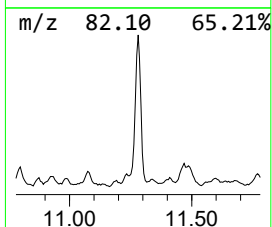
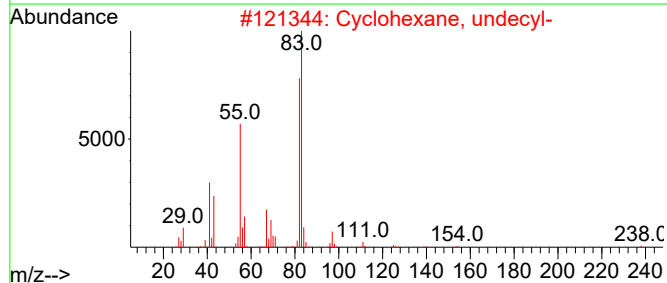
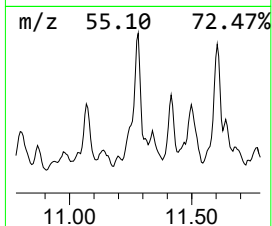
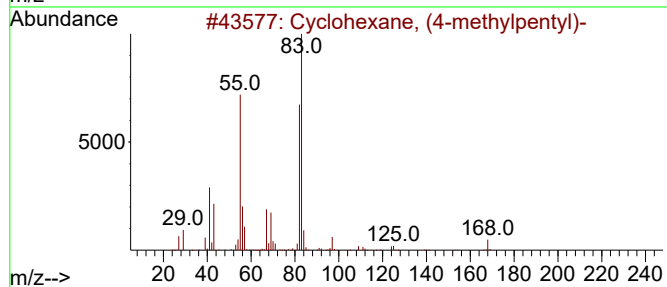
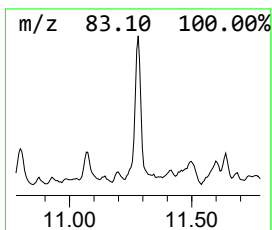
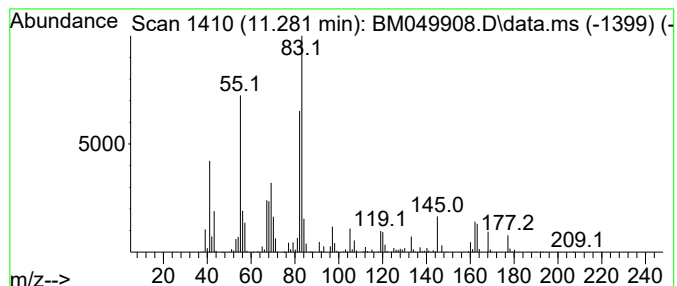
Instrument :
BNA_M
ClientSampleId :
TP-7C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.281	9.43 ng	4726900	Naphthalene-d8	10.569	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	76
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

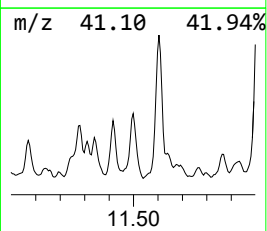
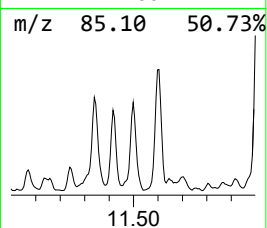
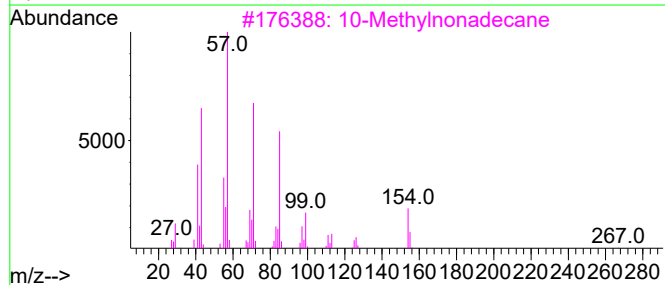
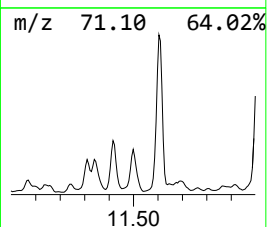
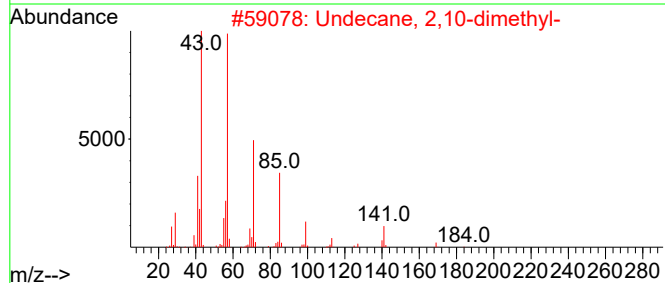
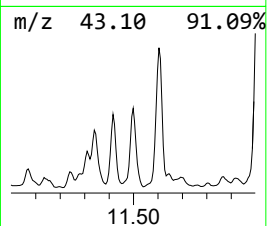
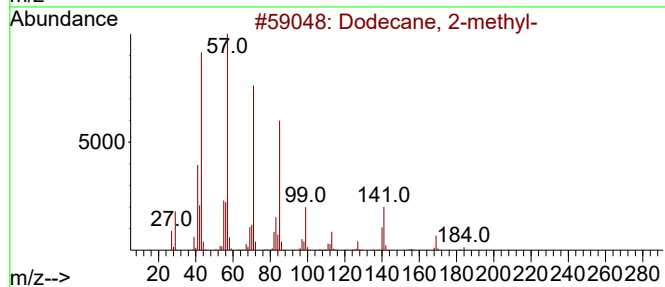
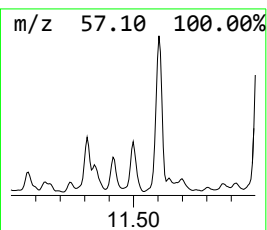
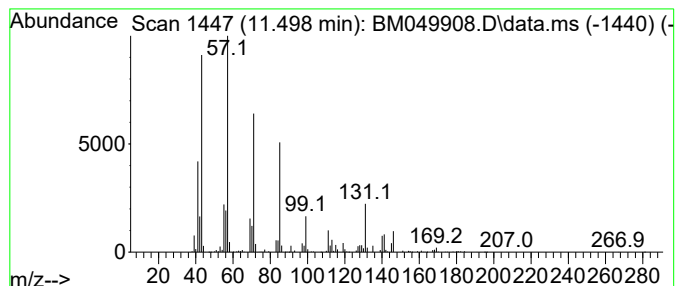
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.498	7.77 ng	3897470	Naphthalene-d8	10.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	70
3			10-Methylnonadecane	282	C20H42	056862-62-5	64
4			Hentriacontane	437	C31H64	000630-04-6	59
5			Heneicosane	296	C21H44	000629-94-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

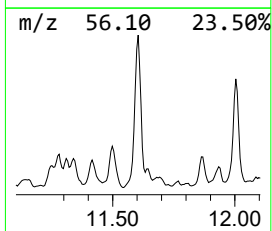
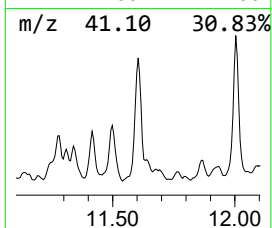
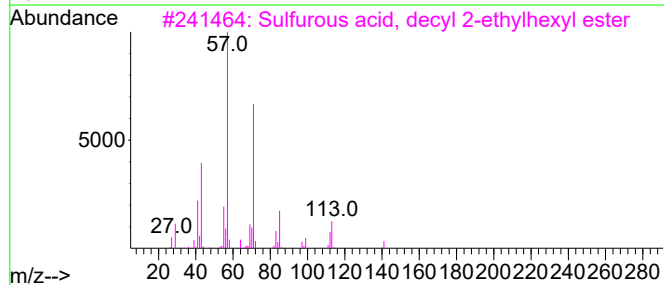
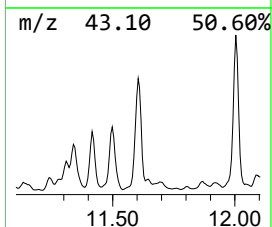
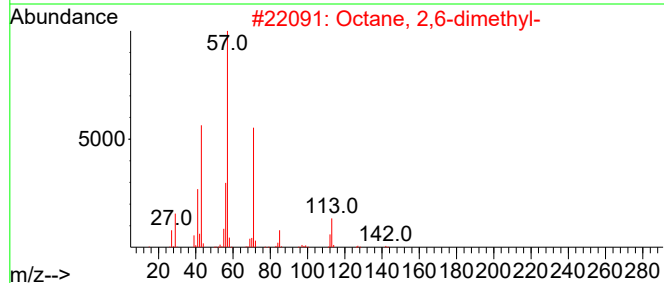
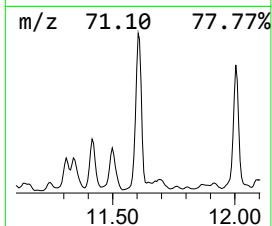
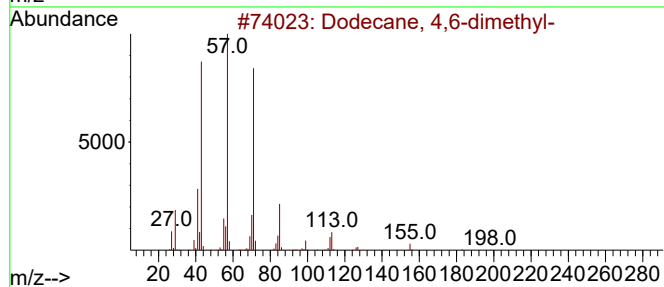
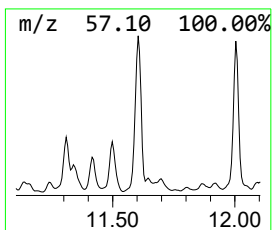
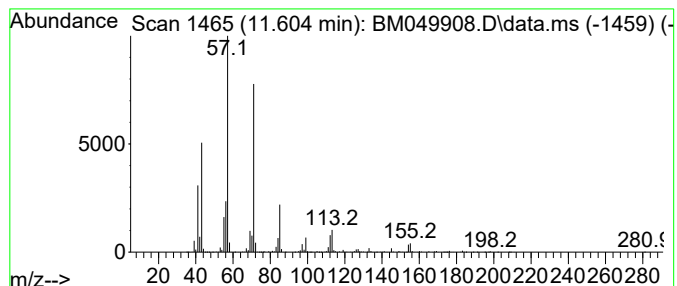
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	15.24 ng	7638110	Naphthalene-d8	10.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

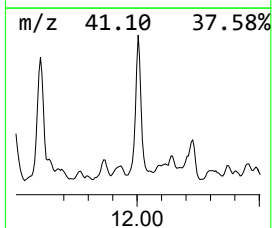
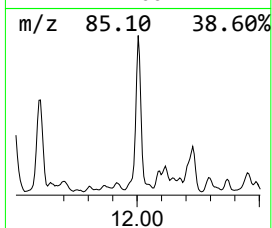
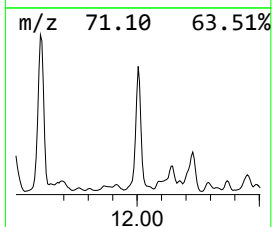
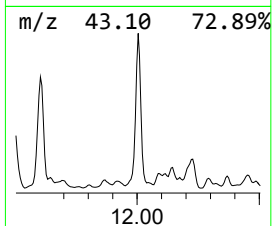
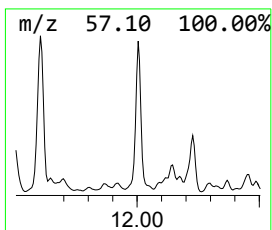
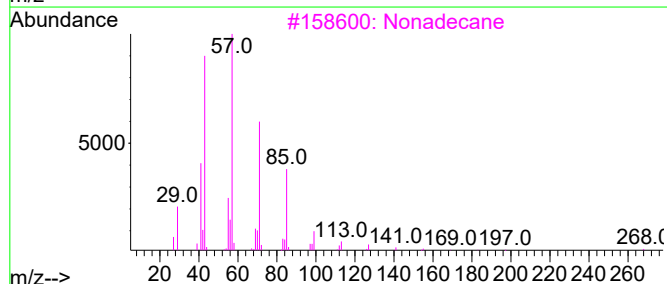
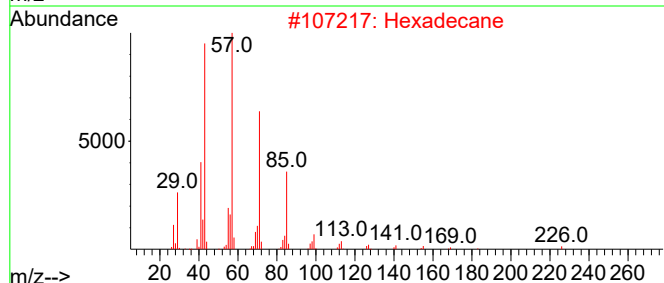
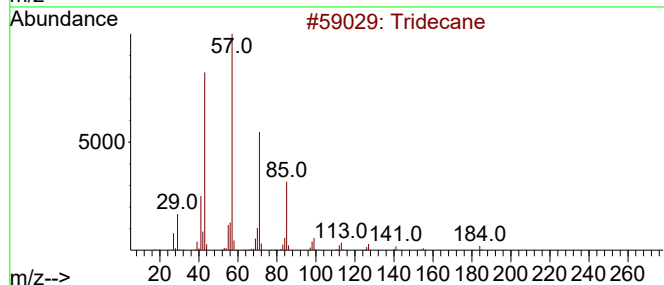
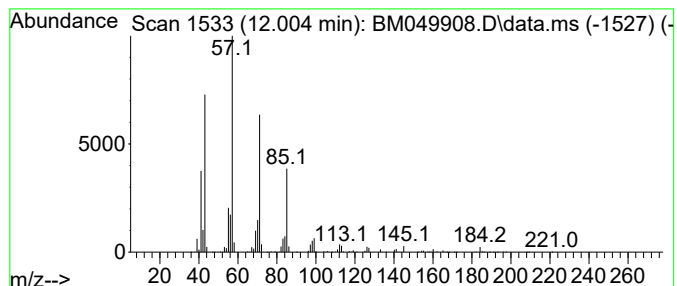
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	14.69 ng	7363190	Naphthalene-d8	10.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Hexadecane	226	C16H34	000544-76-3	87
3			Nonadecane	268	C19H40	000629-92-5	86
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	83
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

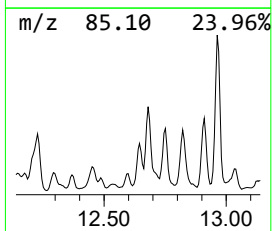
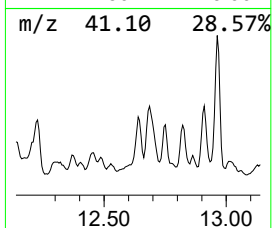
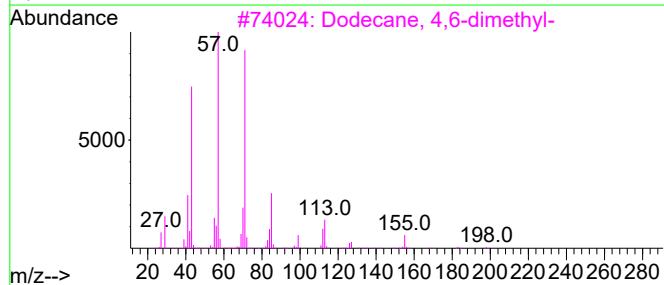
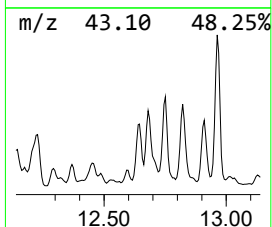
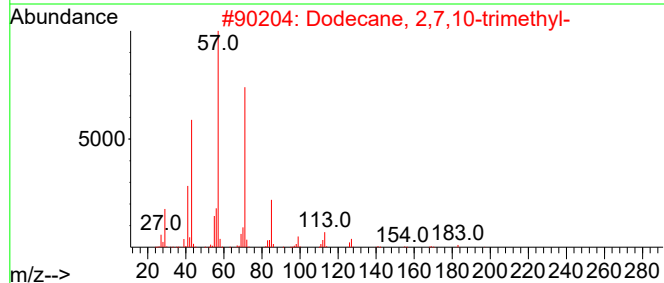
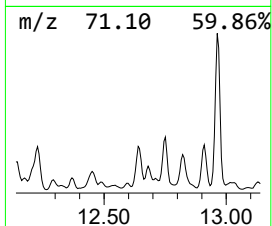
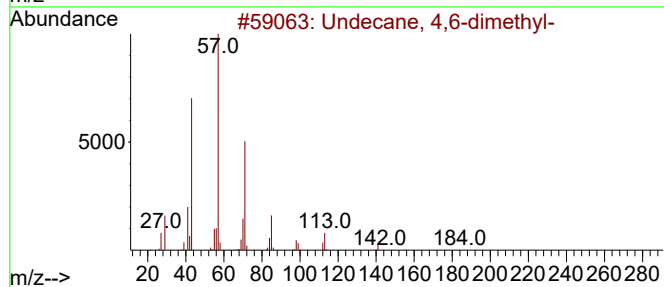
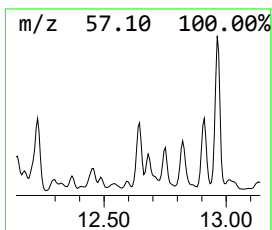
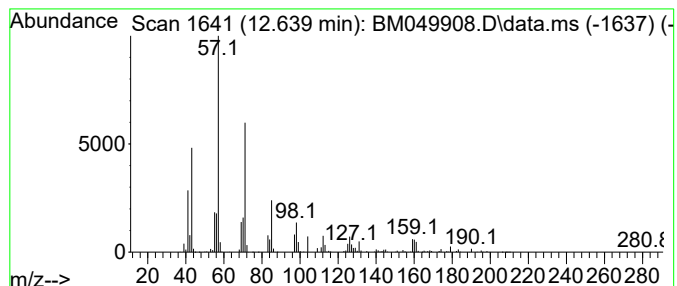
Instrument :
BNA_M
ClientSampleId :
TP-7C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.639	7.86 ng	2182760	Acenaphthene-d10		14.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	70
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	64
3	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	64
4	Decane, 5-propyl-		184	C13H28	017312-62-8	58
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

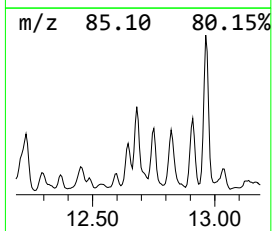
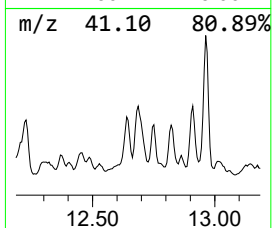
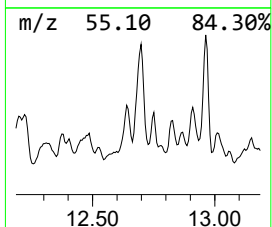
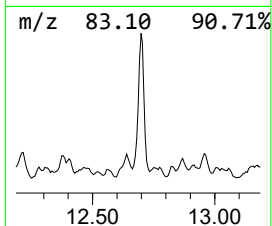
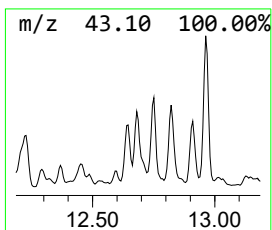
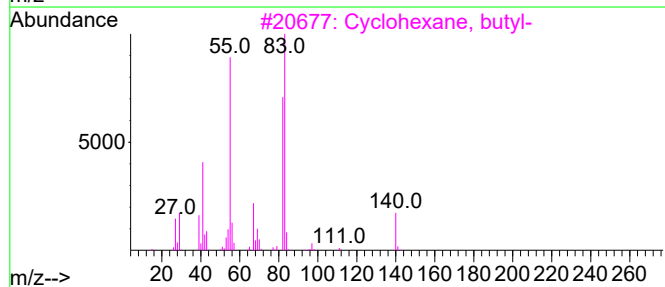
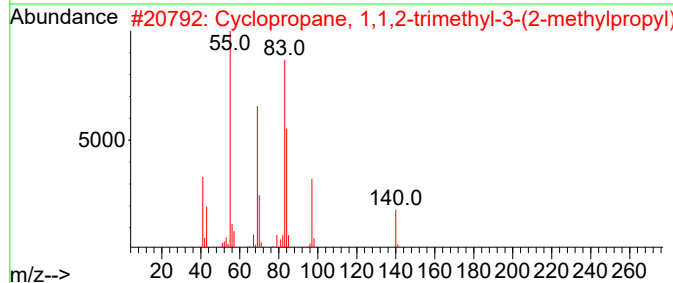
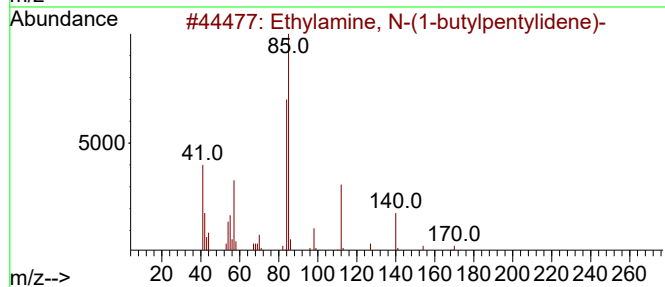
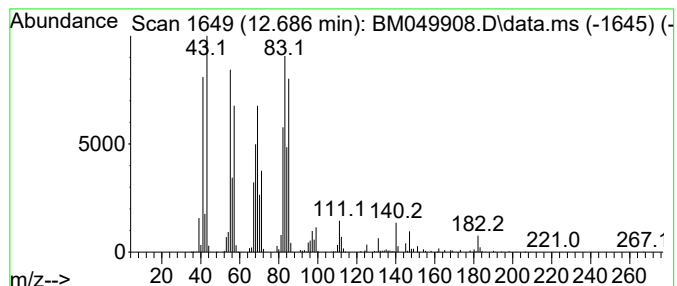
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.686 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	10.57 ng	2933930	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylamine, N-(1-butylpentylidene)-	169	C11H23N	010599-82-3	38
2			Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	38
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	30
4			Heptylcyclohexane	182	C13H26	005617-41-4	30
5			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

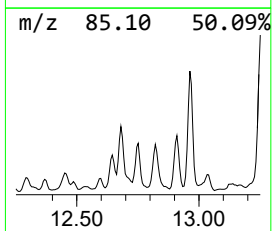
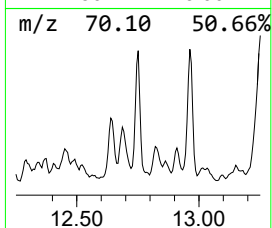
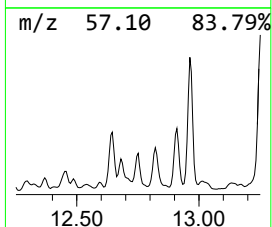
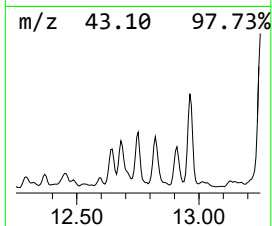
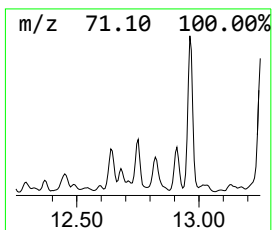
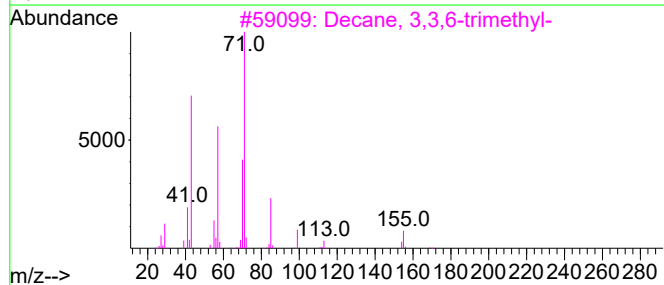
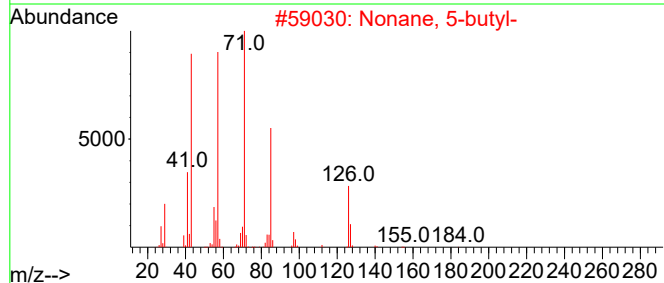
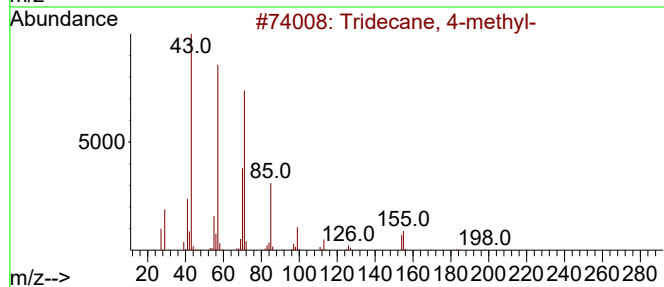
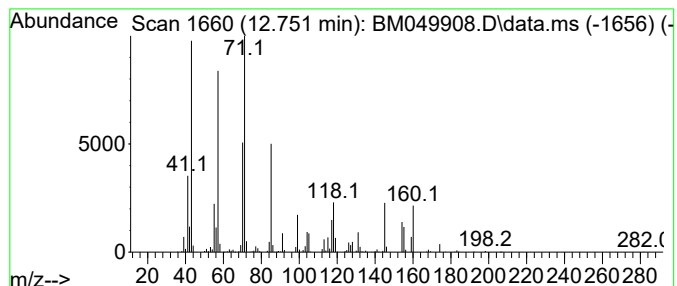
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	7.89 ng	2190780	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 4-methyl-	198	C14H30	026730-12-1	86
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	46
3		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	43
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	38
5		Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

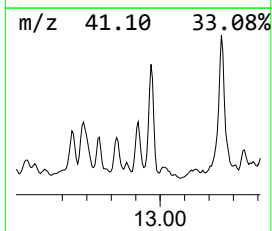
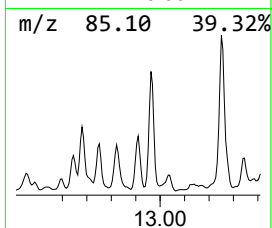
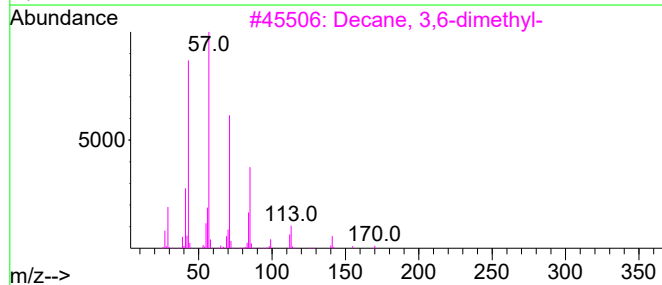
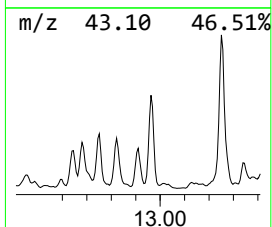
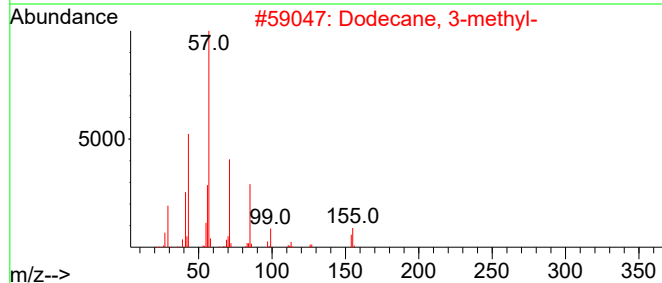
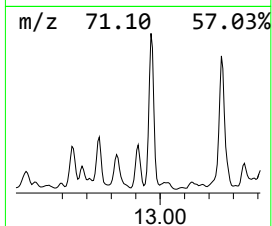
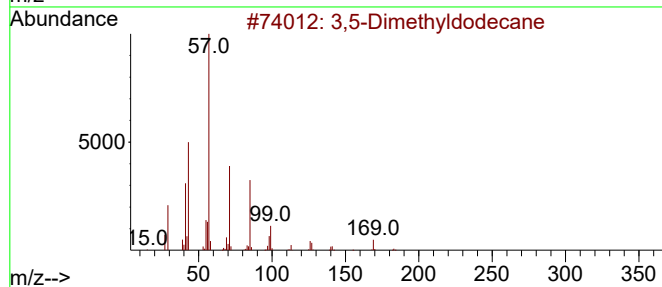
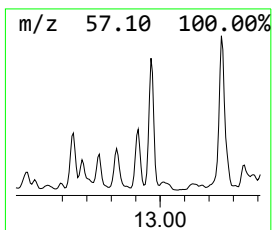
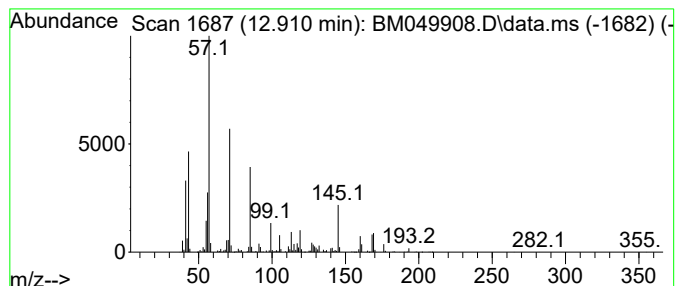
Instrument :
BNA_M
ClientSampleId :
TP-7C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3,5-Dimethyldodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.910	10.15 ng	2817190	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	70
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

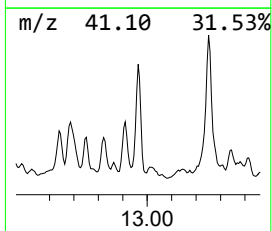
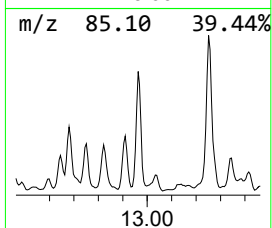
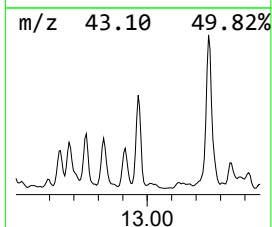
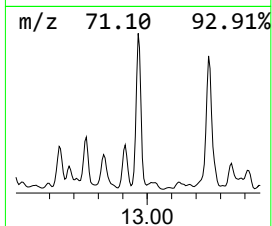
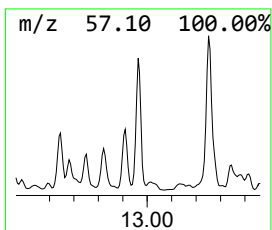
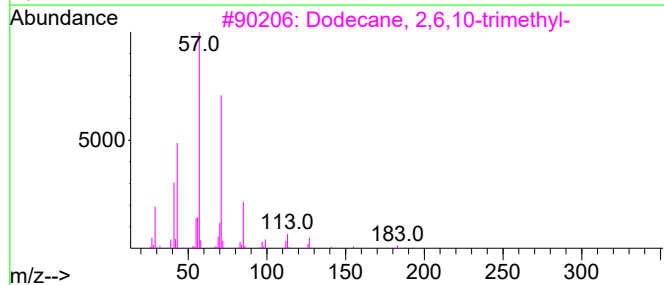
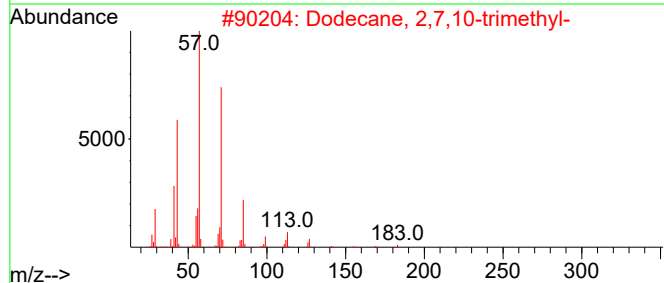
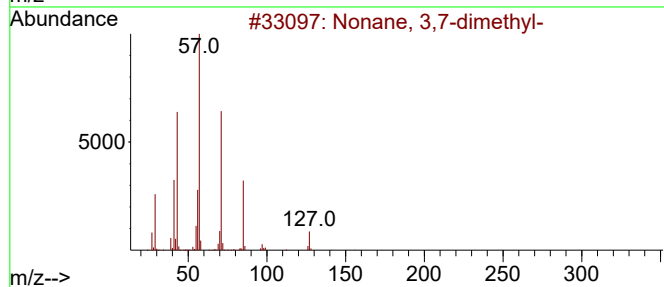
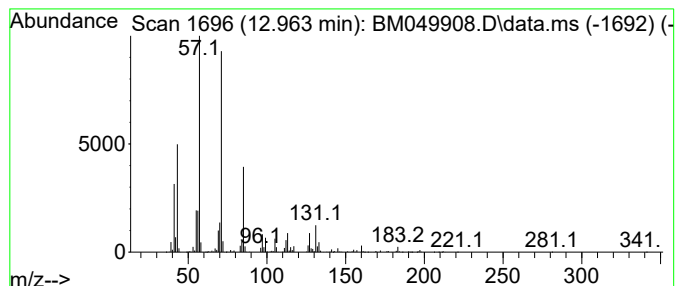
Instrument :
BNA_M
ClientSampleId :
TP-7C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonane, 3,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.963	21.81 ng	6054340	Acenaphthene-d10			14.416
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	76
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72
3	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	72
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

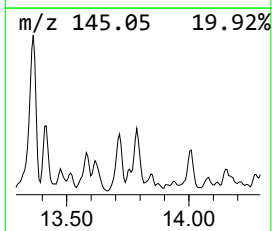
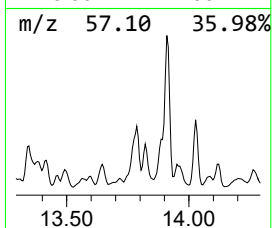
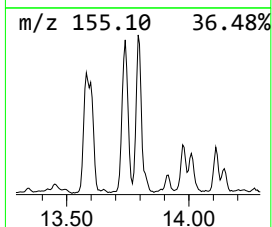
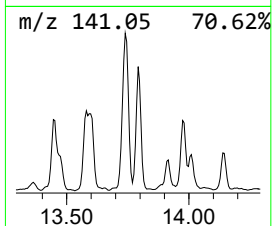
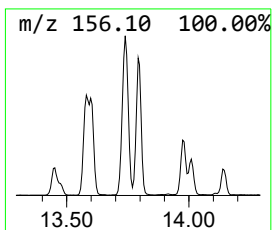
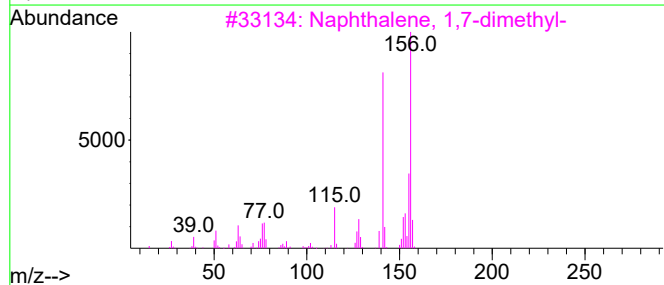
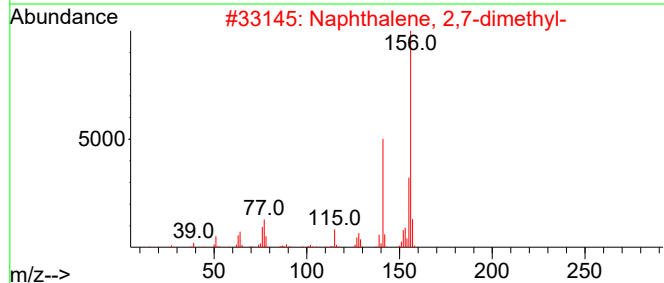
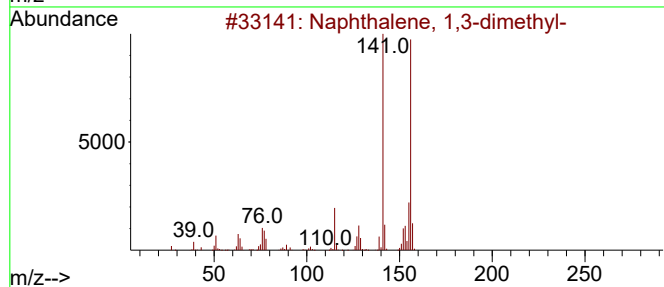
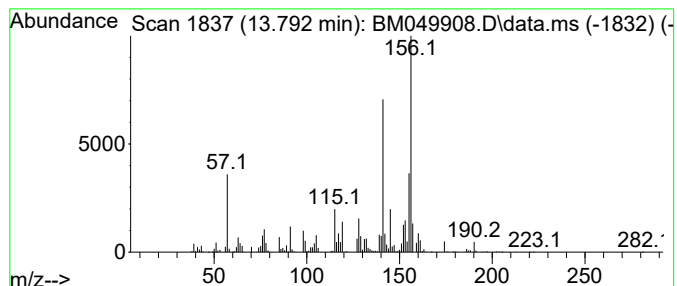
Instrument :
BNA_M
ClientSampleId :
TP-7C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.792	7.94 ng	2203850	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

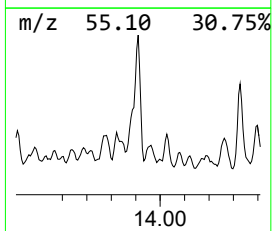
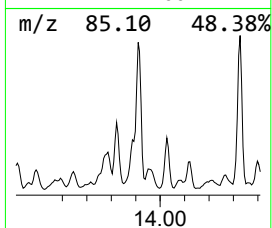
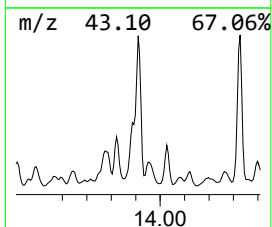
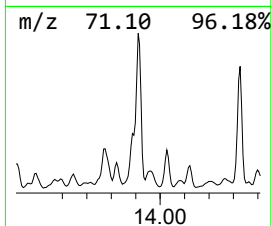
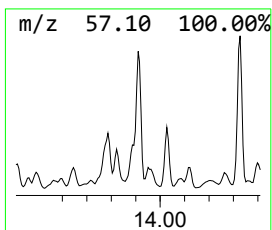
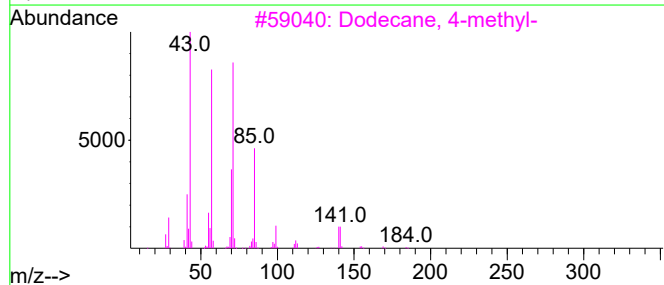
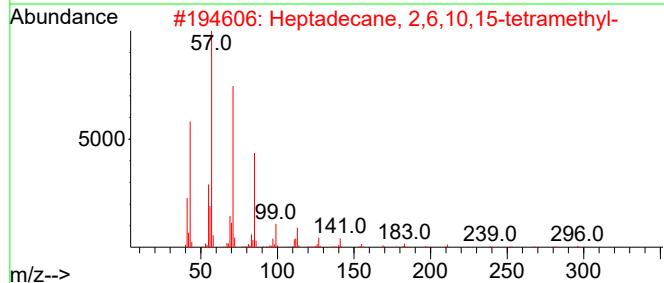
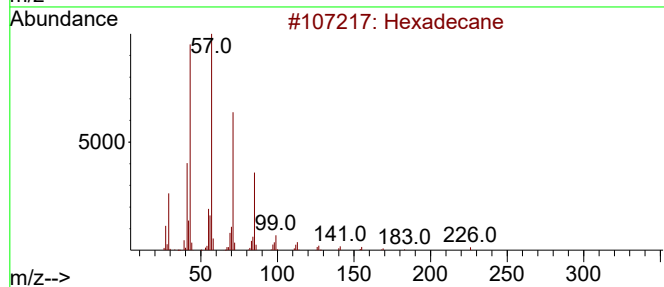
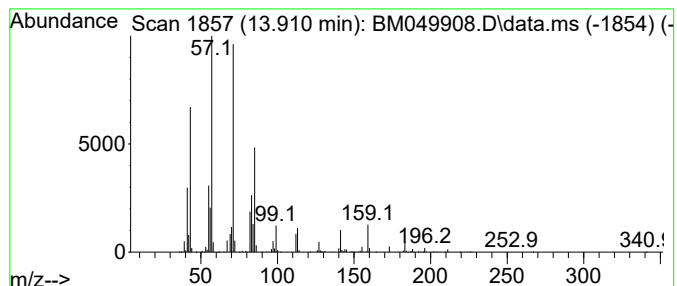
Instrument :
BNA_M
ClientSampleId :
TP-7C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.910	13.91 ng	3861630	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	62
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

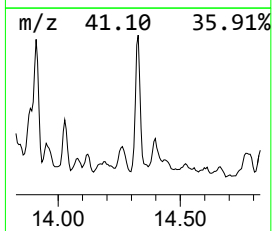
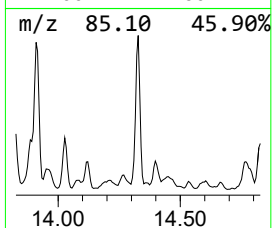
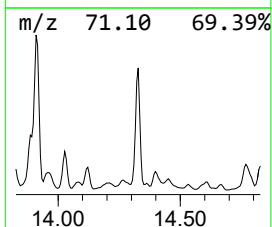
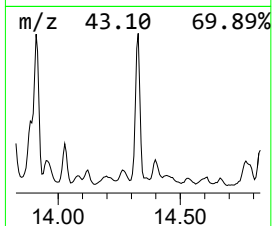
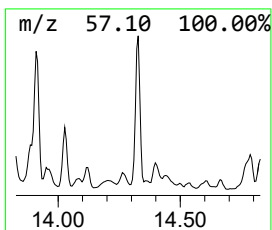
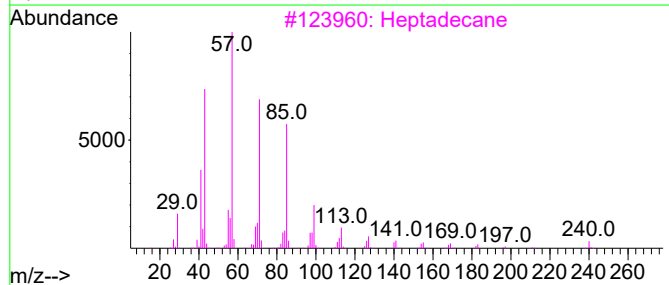
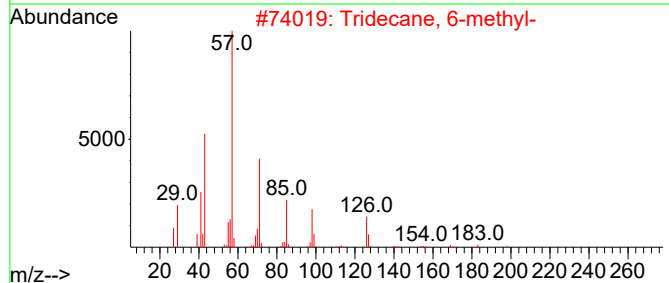
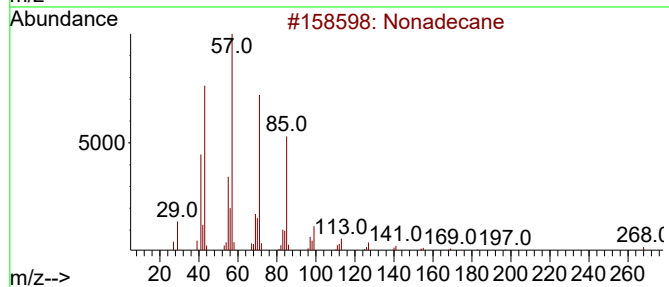
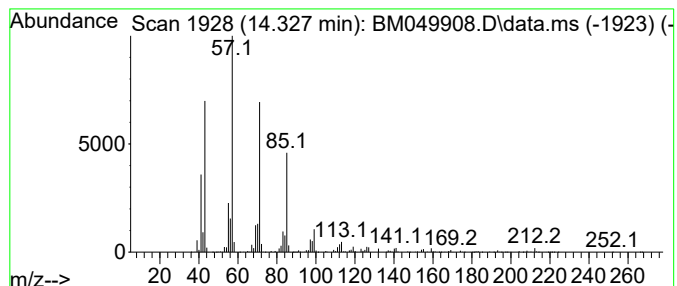
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	14.35 ng	3983680	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Tetradecane	198	C14H30	000629-59-4	90
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

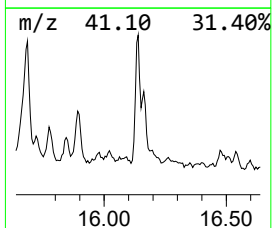
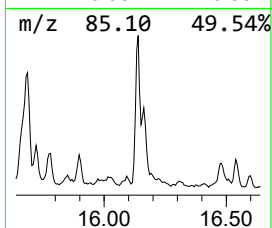
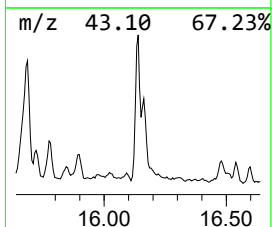
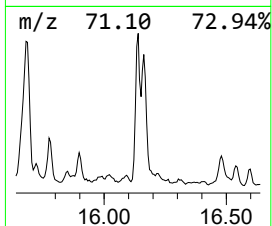
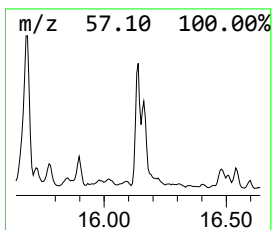
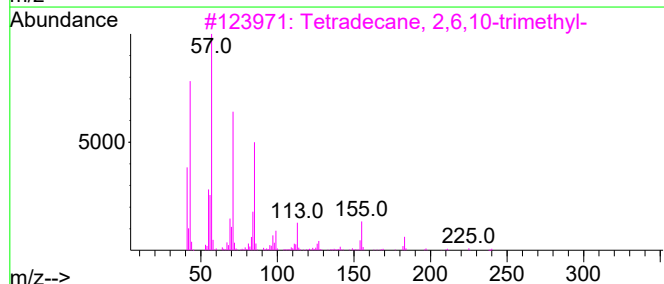
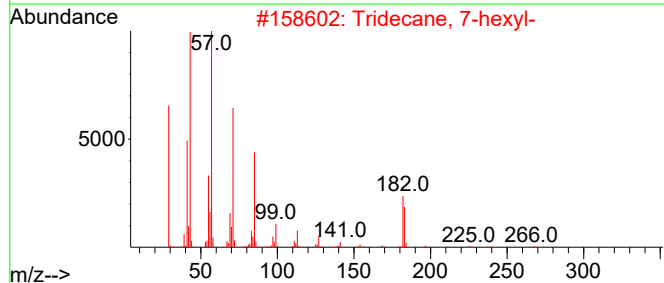
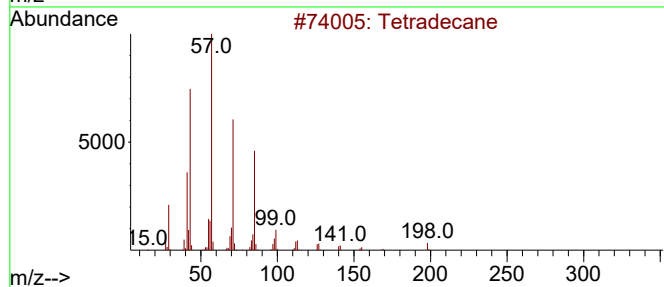
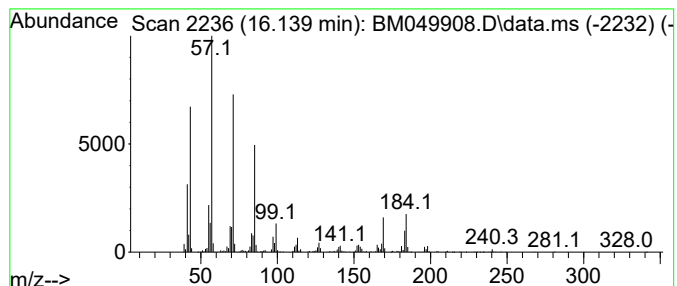
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	7.67 ng	1435640	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	89
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5		Dodecane	170	C12H26	000112-40-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049908.D
Acq On : 11 Apr 2025 19:32
Operator : RC/JU
Sample : Q1771-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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
Decane	7.410	9.8	ng	2218100	1	7.775	4543200	20.0
Decane, 5-methyl-	8.316	10.9	ng	2472890	1	7.775	4543200	20.0
Decane, 2-methyl-	8.445	13.7	ng	3100770	1	7.775	4543200	20.0
Undecane	9.010	29.4	ng	6689540	1	7.775	4543200	20.0
unknown9.134	9.134	12.7	ng	2879990	1	7.775	4543200	20.0
Undecane, 5-met...	9.857	7.9	ng	3980850	2	10.569	10025700	20.0
Undecane, 3,6-d...	10.745	11.7	ng	5855580	2	10.569	10025700	20.0
Cyclohexane, (4...	11.281	9.4	ng	4726900	2	10.569	10025700	20.0
Dodecane, 2-met...	11.498	7.8	ng	3897470	2	10.569	10025700	20.0
Dodecane, 4,6-d...	11.604	15.2	ng	7638110	2	10.569	10025700	20.0
Tridecane	12.004	14.7	ng	7363190	2	10.569	10025700	20.0
Undecane, 4,6-d...	12.639	7.9	ng	2182760	3	14.416	5552260	20.0
unknown12.686	12.686	10.6	ng	2933930	3	14.416	5552260	20.0
Tridecane, 4-me...	12.751	7.9	ng	2190780	3	14.416	5552260	20.0
3,5-Dimethyldod...	12.910	10.2	ng	2817190	3	14.416	5552260	20.0
Nonane, 3,7-dim...	12.963	21.8	ng	6054340	3	14.416	5552260	20.0
Naphthalene, 1,...	13.792	7.9	ng	2203850	3	14.416	5552260	20.0
Hexadecane	13.910	13.9	ng	3861630	3	14.416	5552260	20.0
Nonadecane	14.327	14.4	ng	3983680	3	14.416	5552260	20.0
Tetradecane	16.139	7.7	ng	1435640	4	17.163	3745900	20.0