

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050086.D
 Acq On : 02 May 2025 15:19
 Operator : RC/JU
 Sample : Q1914-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-5

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-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	329	rVB	431154	705517	3.43%	0.213%
2	5.340	392	400	406	rVV	4290602	6456494	31.35%	1.953%
3	5.393	406	409	428	rVB	548583	1163086	5.65%	0.352%
4	5.769	466	473	482	rVB	804367	1268359	6.16%	0.384%
5	6.740	627	638	643	rBV3	446839	984158	4.78%	0.298%
6	6.840	651	655	660	rVB	899800	1242564	6.03%	0.376%
7	6.934	660	671	676	rBV	3986813	7767539	37.72%	2.349%
8	7.134	700	705	710	rBV	463225	769107	3.73%	0.233%
9	7.375	741	746	747	rBV	1418485	1779168	8.64%	0.538%
10	7.398	748	750	755	rVB	1557251	1749605	8.50%	0.529%
11	7.745	800	809	814	rBV2	1841658	3648931	17.72%	1.104%
12	7.863	825	829	836	rVV2	486520	906271	4.40%	0.274%
13	8.292	896	902	907	rVV3	754633	1696605	8.24%	0.513%
14	8.387	913	918	925	rBV3	935292	1974590	9.59%	0.597%
15	8.516	934	940	943	rBV	568765	945034	4.59%	0.286%
16	8.698	967	971	975	rBV	424137	716710	3.48%	0.217%
17	8.751	976	980	987	rVB	480136	849176	4.12%	0.257%
18	8.851	987	997	1001	rBV3	1289210	2794994	13.57%	0.845%
19	8.904	1001	1006	1014	rVV2	2470628	5319838	25.83%	1.609%
20	8.975	1014	1018	1023	rVB	2138041	3086637	14.99%	0.934%
21	9.069	1028	1034	1035	rBV3	524433	868762	4.22%	0.263%
22	9.098	1035	1039	1045	rVB4	855531	1855341	9.01%	0.561%
23	9.181	1045	1053	1055	rBV5	481198	998979	4.85%	0.302%
24	9.386	1082	1088	1092	rBV2	577499	1188680	5.77%	0.360%
25	9.463	1092	1101	1106	rVV3	1061675	2614148	12.69%	0.791%
26	9.634	1124	1130	1133	rBV3	527153	951740	4.62%	0.288%
27	9.675	1133	1137	1141	rVB2	617382	921563	4.47%	0.279%
28	9.722	1141	1145	1153	rBV5	1092743	2074160	10.07%	0.627%
29	9.798	1153	1158	1160	rBV3	638443	1023776	4.97%	0.310%
30	9.822	1160	1162	1167	rVB2	816116	1055460	5.13%	0.319%
31	9.892	1170	1174	1178	rBV3	727087	1051384	5.11%	0.318%
32	9.939	1178	1182	1185	rBV2	824122	1315586	6.39%	0.398%
33	10.128	1210	1214	1218	rVV5	449639	768594	3.73%	0.232%
34	10.175	1218	1222	1228	rVB2	822905	1352697	6.57%	0.409%
35	10.245	1229	1234	1237	rBV	701933	1140853	5.54%	0.345%
36	10.328	1243	1248	1253	rVB3	635901	1030679	5.00%	0.312%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.522	1273	1281	1289	rBV2	3700278	9382575	45.56%	2.838%
38	10.663	1300	1305	1309	rVV4	1216596	2470681	12.00%	0.747%
39	10.710	1309	1313	1318	rVV	2432419	3733124	18.13%	1.129%
40	10.769	1318	1323	1330	rVV5	795830	1917972	9.31%	0.580%
41	10.833	1331	1334	1340	rVB5	575841	940472	4.57%	0.284%
42	11.033	1366	1368	1373	rVB3	976381	1172570	5.69%	0.355%
43	11.210	1393	1398	1399	rBV2	841431	1297097	6.30%	0.392%
44	11.310	1411	1415	1421	rVB3	685549	1349896	6.55%	0.408%
45	11.380	1422	1427	1434	rBV7	912917	1907844	9.26%	0.577%
46	11.457	1435	1440	1448	rVB5	1495059	3098704	15.05%	0.937%
47	11.575	1454	1460	1469	rBV	3458893	7137124	34.66%	2.159%
48	11.733	1483	1487	1496	rVB3	1413488	2719313	13.20%	0.823%
49	11.833	1496	1504	1508	rBV3	992932	2208474	10.72%	0.668%
50	11.975	1523	1528	1533	rBV3	2620863	4251272	20.64%	1.286%
51	12.416	1599	1603	1607	rBV4	857201	1640221	7.96%	0.496%
52	12.463	1607	1611	1616	rVB4	1762919	2877208	13.97%	0.870%
53	12.722	1652	1655	1657	rBV2	663248	845694	4.11%	0.256%
54	12.886	1678	1683	1687	rBV6	1207688	2790365	13.55%	0.844%
55	12.939	1687	1692	1696	rVV3	5093942	7784860	37.80%	2.355%
56	13.016	1700	1705	1710	rVB	5826051	8762747	42.55%	2.650%
57	13.180	1729	1733	1736	rBV2	1993082	3090076	15.00%	0.935%
58	13.227	1737	1741	1748	rVB2	2813825	5270455	25.59%	1.594%
59	13.333	1753	1759	1765	rVB3	1717574	3808138	18.49%	1.152%
60	13.392	1765	1769	1773	rVB4	1231773	1657973	8.05%	0.501%
61	13.457	1777	1780	1783	rVV4	701770	839348	4.08%	0.254%
62	13.821	1838	1842	1845	rVB2	2569028	3120370	15.15%	0.944%
63	13.886	1846	1853	1857	rBV2	5653334	9102182	44.20%	2.753%
64	14.127	1886	1894	1899	rBV5	1558369	5091467	24.72%	1.540%
65	14.233	1908	1912	1919	rVB3	2477056	4418965	21.46%	1.337%
66	14.304	1919	1924	1929	rBV	4078456	5972349	29.00%	1.806%
67	14.374	1931	1936	1937	rVV3	2026900	3017133	14.65%	0.913%
68	14.398	1937	1940	1948	rVB	3887240	5698186	27.67%	1.724%
69	14.927	2026	2030	2039	rVB7	2256940	4111927	19.97%	1.244%
70	15.021	2042	2046	2050	rBV	2759683	4366666	21.20%	1.321%
71	15.227	2078	2081	2083	rBV3	1377399	1748826	8.49%	0.529%
72	15.257	2083	2086	2090	rVB	3080050	3620205	17.58%	1.095%
73	15.445	2114	2118	2122	rBV3	2112378	2968811	14.42%	0.898%
74	15.615	2143	2147	2150	rBV4	1608928	2467504	11.98%	0.746%
75	15.663	2151	2155	2164	rVB	6379422	9947376	48.30%	3.009%
76	15.815	2178	2181	2185	rBV5	1138518	2157883	10.48%	0.653%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050086.D
 Acq On : 02 May 2025 15:19
 Operator : RC/JU
 Sample : Q1914-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-5

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-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.898	2191	2195	2202	rVB3	5292634	7935998	38.54%	2.400%
78	15.963	2202	2206	2210	rBV3	1400894	2362033	11.47%	0.714%
79	16.045	2217	2220	2222	rBV2	1189157	1512200	7.34%	0.457%
80	16.145	2229	2237	2247	rVB2	9046590	20593922	100.00%	6.229%
81	16.510	2295	2299	2304	rVB4	2705093	4236519	20.57%	1.281%
82	16.910	2364	2367	2371	rVV	2460086	2920151	14.18%	0.883%
83	16.962	2372	2376	2385	rVB	7091588	12874884	62.52%	3.894%
84	17.151	2404	2408	2412	rBV	3614658	4883875	23.72%	1.477%
85	17.568	2474	2479	2488	rVV4	2582938	5374220	26.10%	1.626%
86	17.645	2489	2492	2497	rVB2	2806155	3829413	18.59%	1.158%
87	18.021	2554	2556	2558	rBV	894604	1164269	5.65%	0.352%
88	18.051	2558	2561	2571	rVB5	2537765	5555548	26.98%	1.680%
89	18.339	2606	2610	2616	rBV	2180429	2833043	13.76%	0.857%
90	18.962	2709	2716	2719	rBV4	3445241	7628815	37.04%	2.307%
91	19.133	2742	2745	2751	rVB4	960569	1543946	7.50%	0.467%
92	19.209	2754	2758	2762	rVB	2104320	2647067	12.85%	0.801%
93	19.551	2812	2816	2818	rBV3	1709570	2484049	12.06%	0.751%
94	19.651	2829	2833	2838	rVB	952165	1432870	6.96%	0.433%
95	19.774	2849	2854	2858	rVB	8756756	11008211	53.45%	3.330%
96	20.086	2904	2907	2912	rVB	924142	1133347	5.50%	0.343%
97	21.056	3069	3072	3084	rVB3	624586	1099992	5.34%	0.333%
98	21.280	3107	3110	3117	rVB	666848	905940	4.40%	0.274%
99	21.386	3121	3128	3132	rBV2	2560752	4305785	20.91%	1.302%
100	24.374	3628	3636	3645	rBV	1478185	3543291	17.21%	1.072%

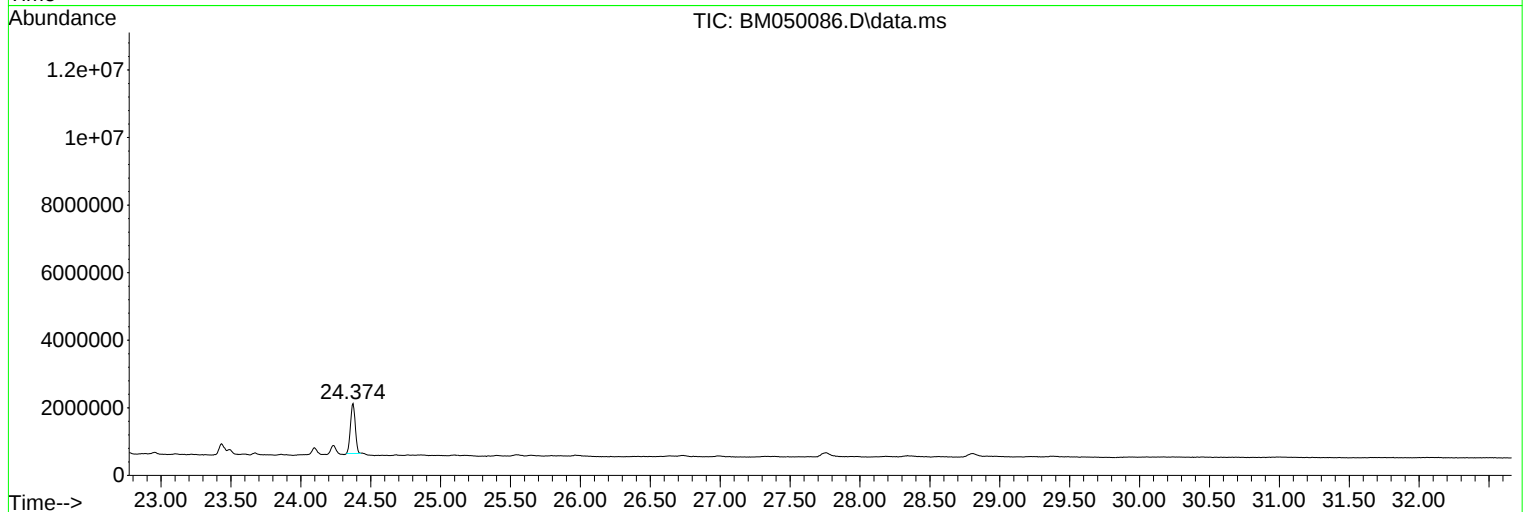
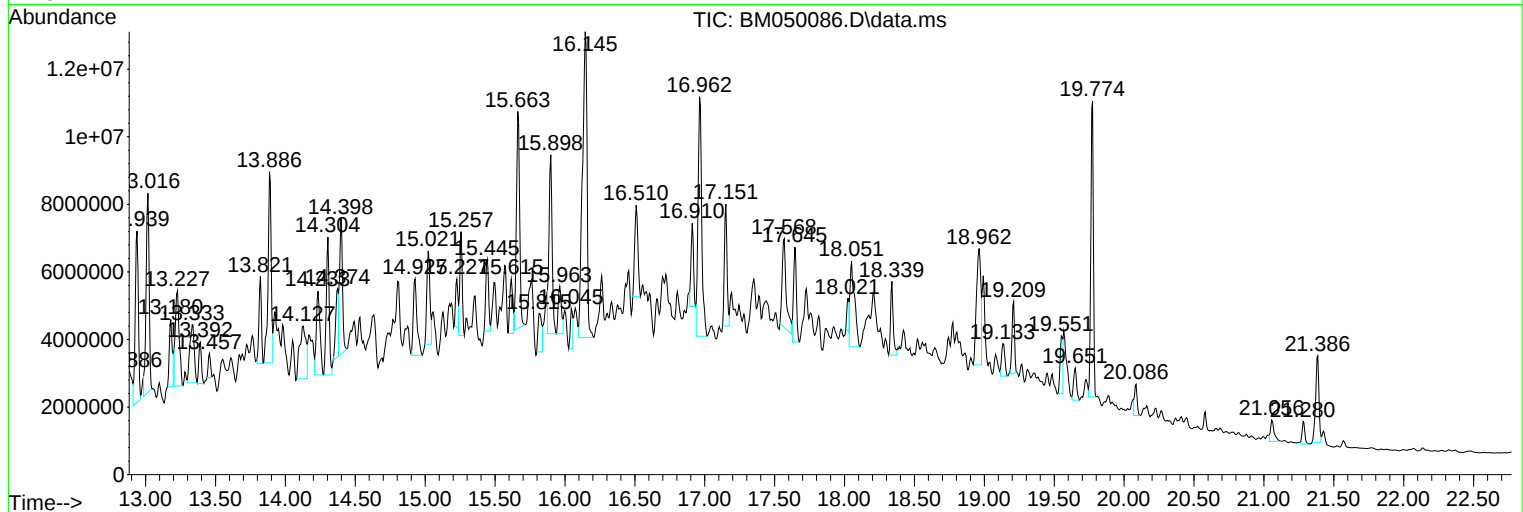
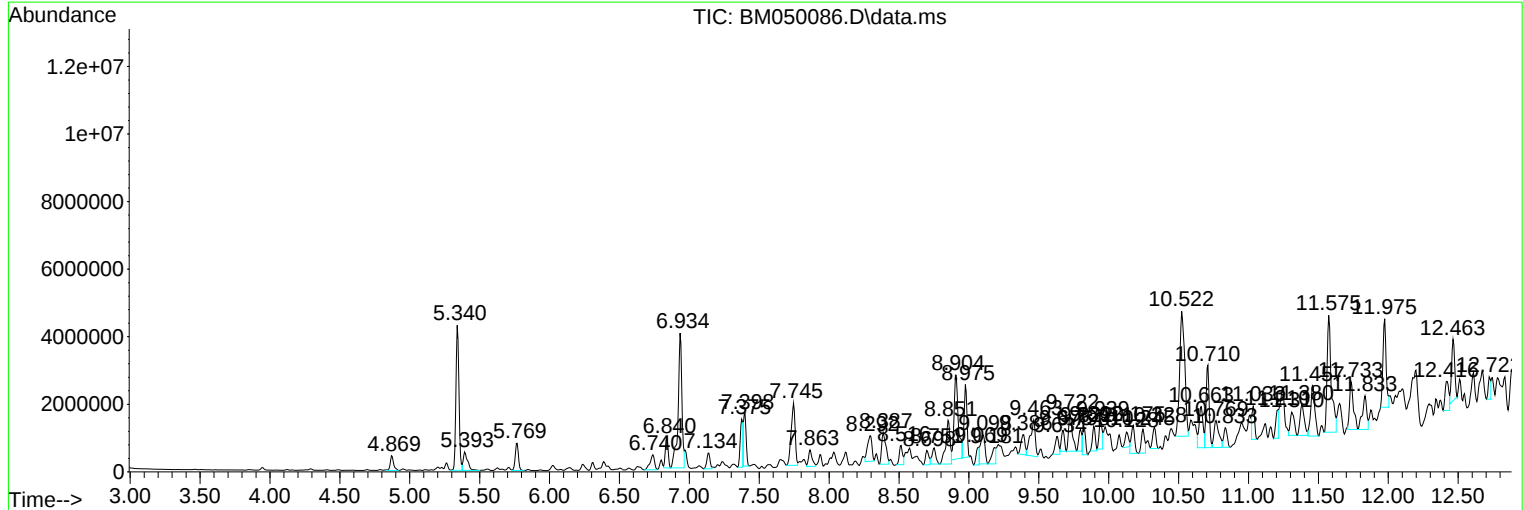
Sum of corrected areas: 330610226

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

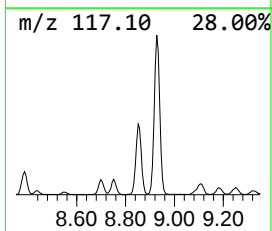
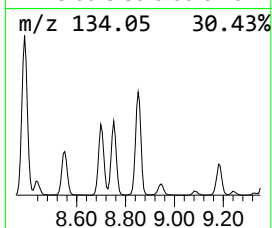
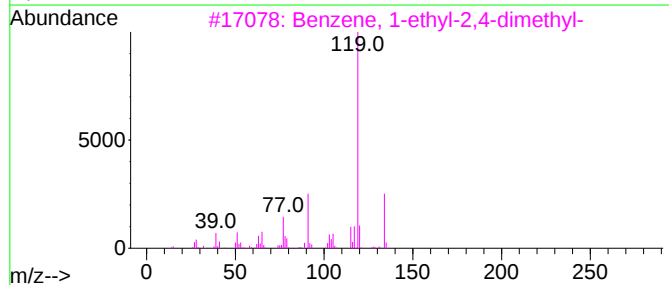
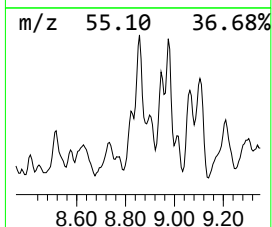
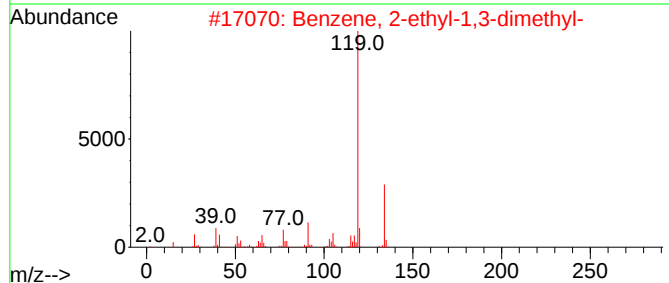
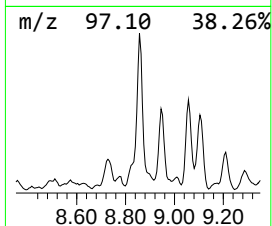
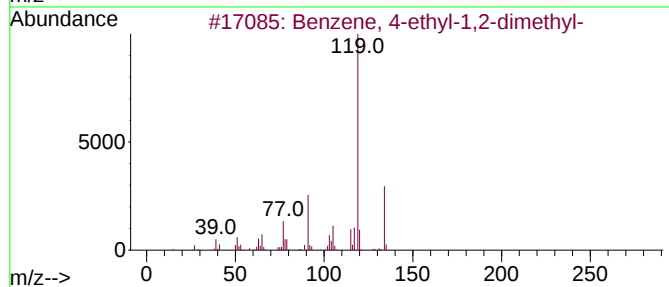
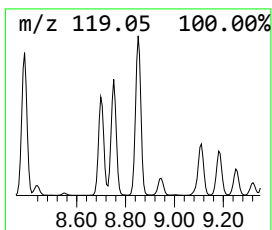
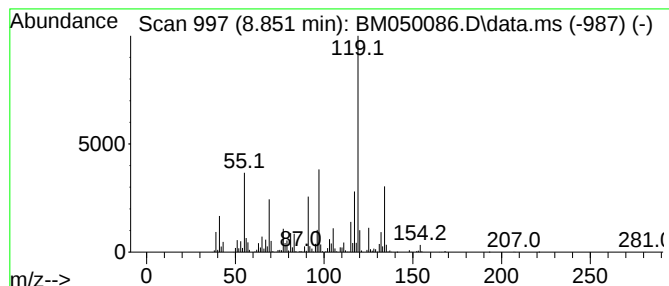
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	15.32 ng	2794990	1,4-Dichlorobenzene-d4	7.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
4			p-Cymene	134	C10H14	000099-87-6	55
5			o-Cymene	134	C10H14	000527-84-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

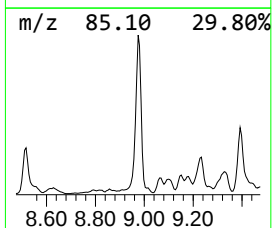
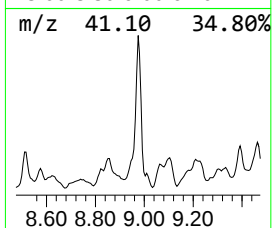
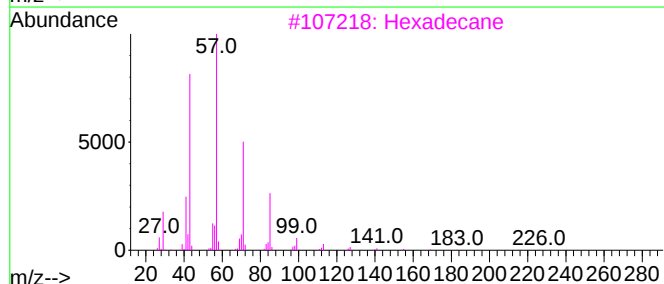
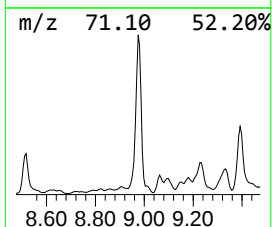
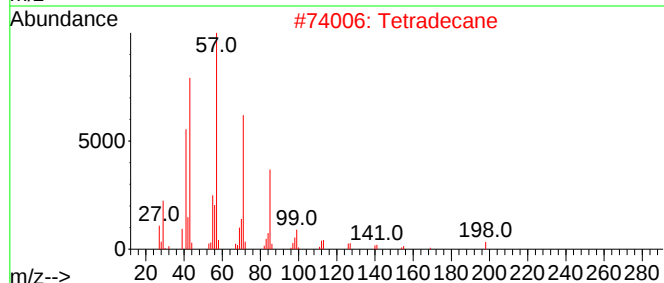
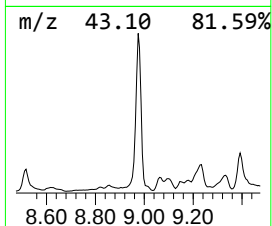
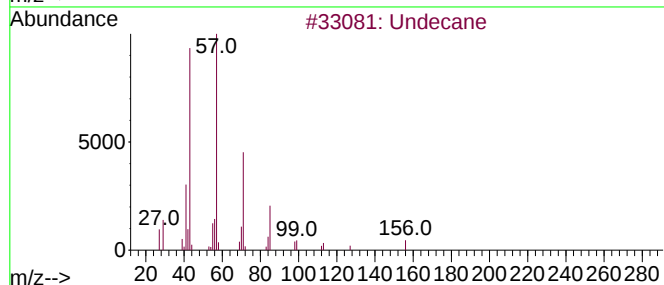
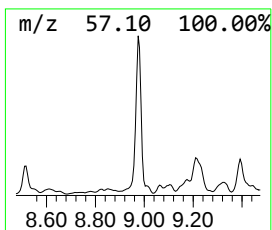
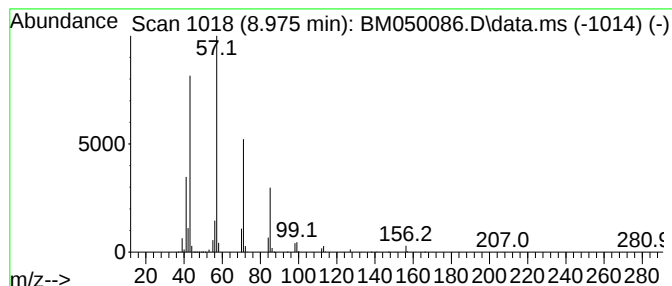
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.975	16.92 ng	3086640	1,4-Dichlorobenzene-d4	7.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Tetradecane			198	C14H30	000629-59-4	90
3	Hexadecane			226	C16H34	000544-76-3	90
4	Tridecane			184	C13H28	000629-50-5	86
5	Octacosane			394	C28H58	000630-02-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

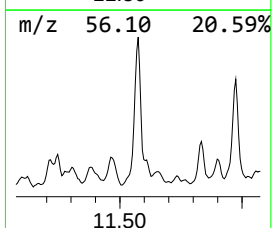
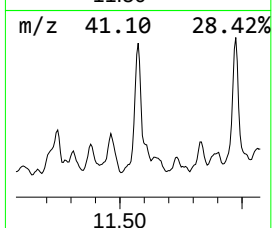
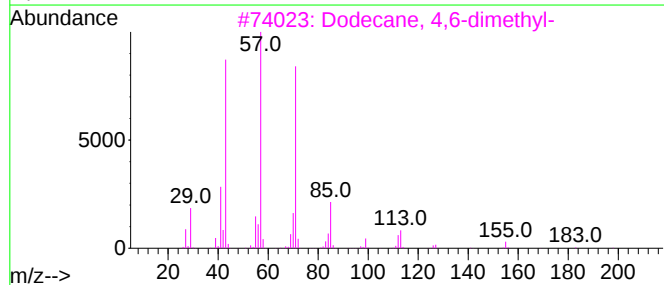
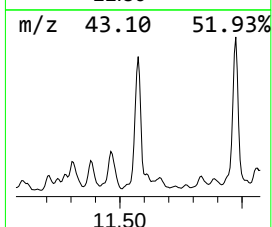
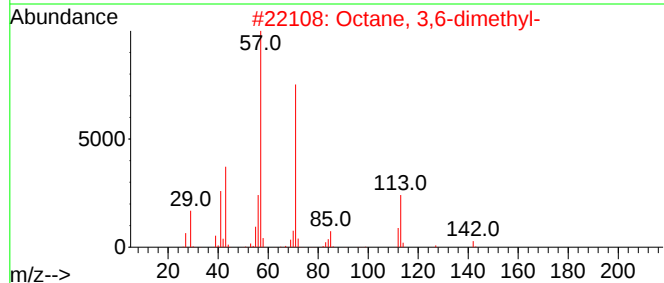
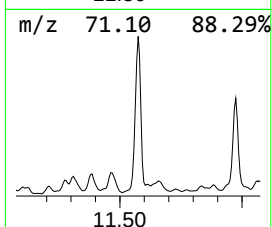
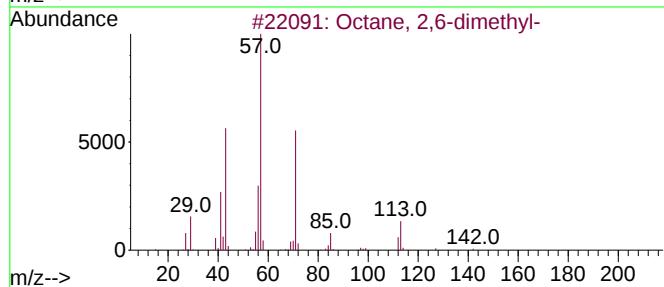
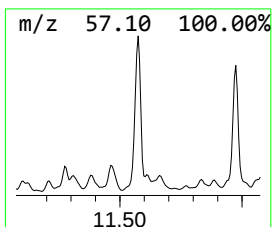
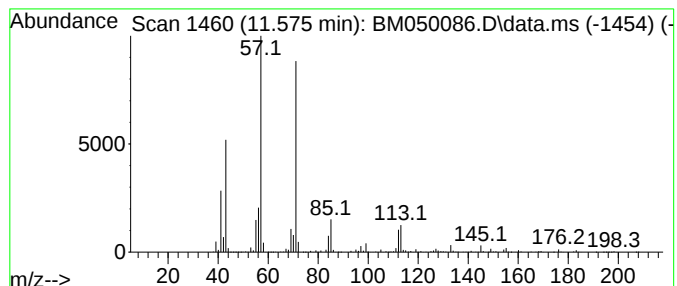
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.575	15.21 ng	7137120	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	80
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

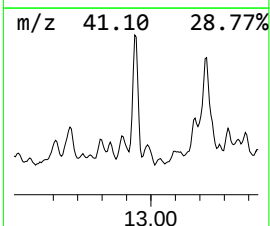
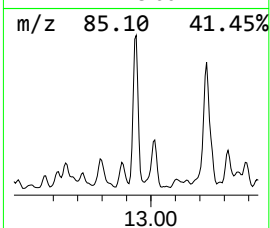
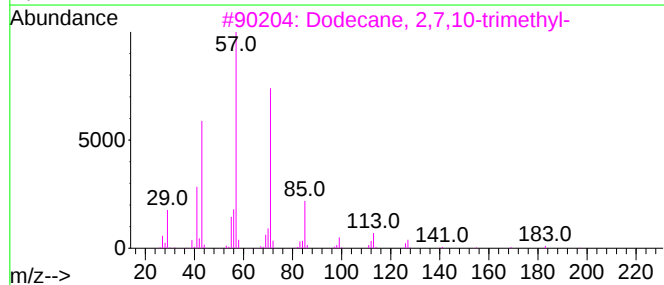
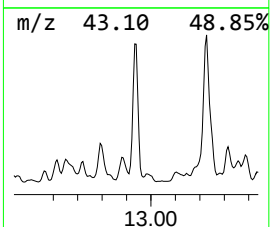
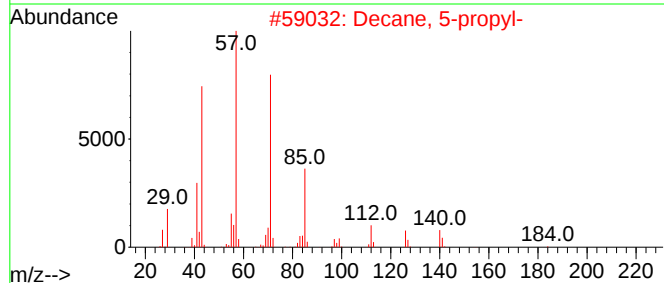
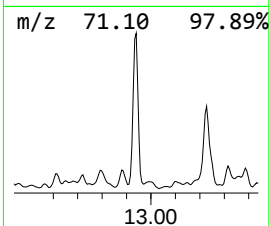
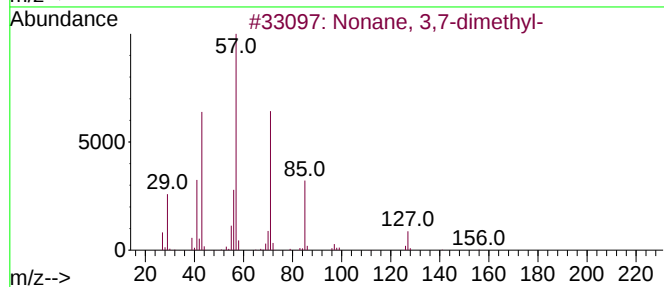
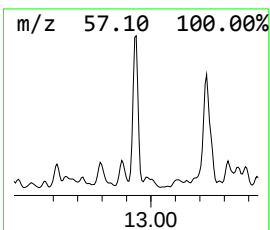
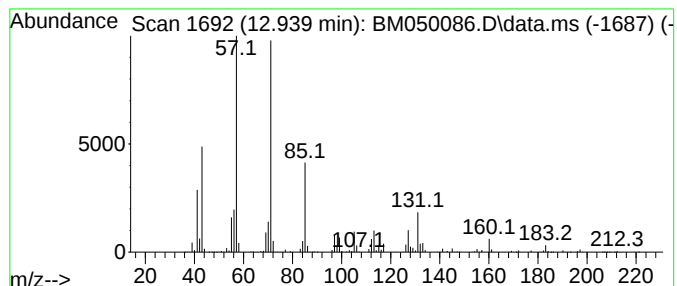
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	27.32 ng	7784860	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
2			Decane, 5-propyl-	184	C13H28	017312-62-8	68
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

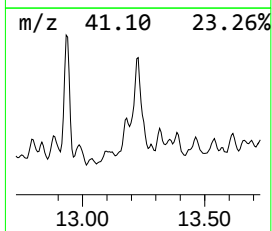
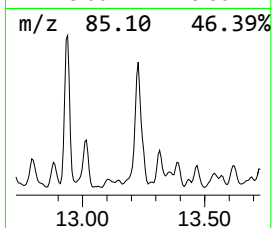
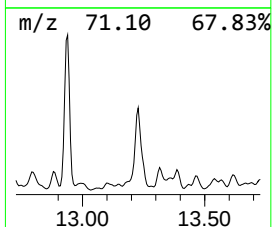
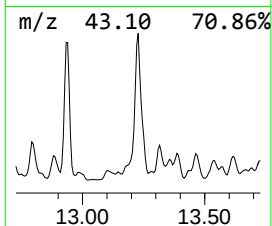
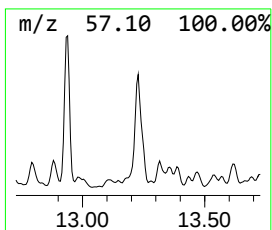
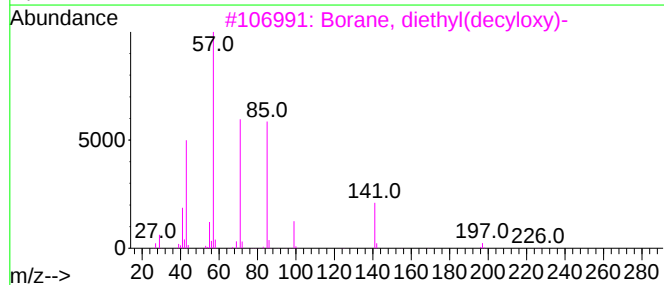
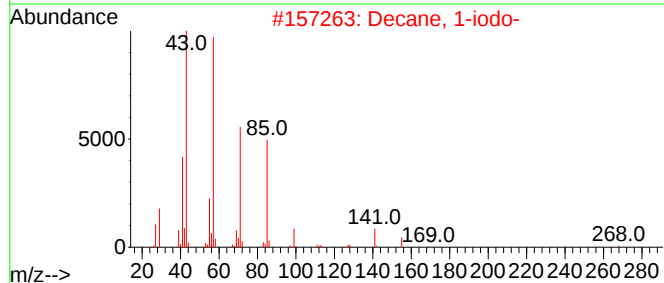
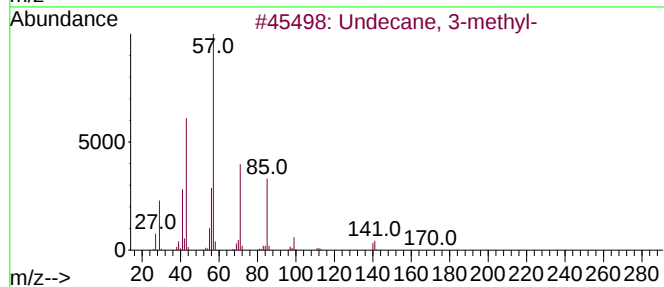
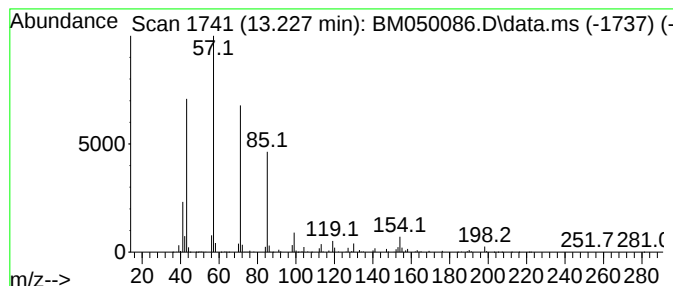
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	18.50 ng	5270460	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2			Decane, 1-iodo-	268	C10H21I	002050-77-3	64
3			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

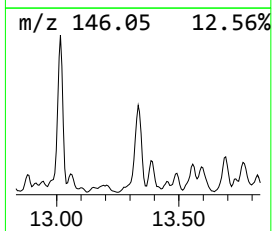
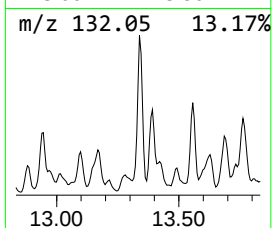
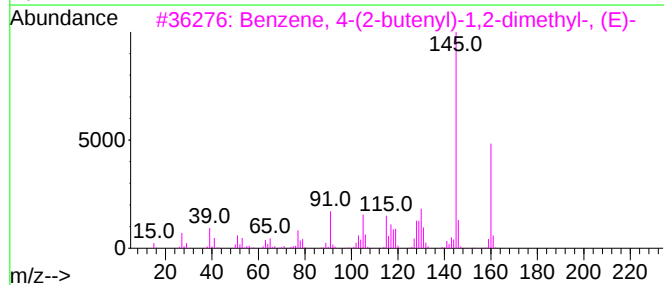
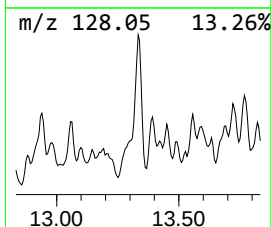
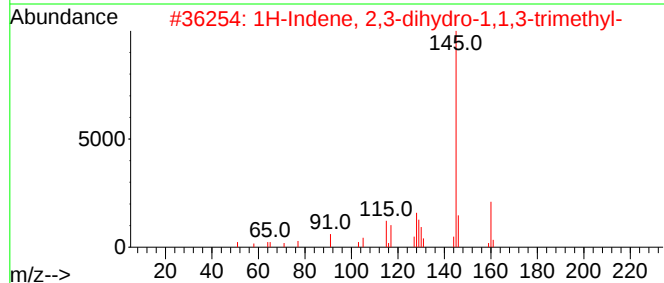
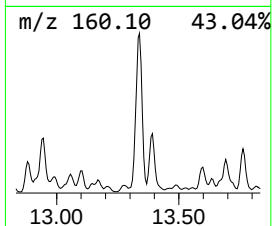
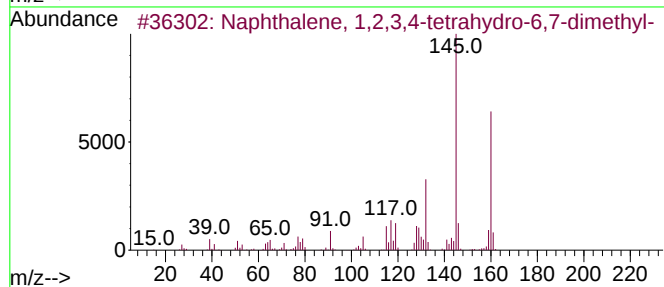
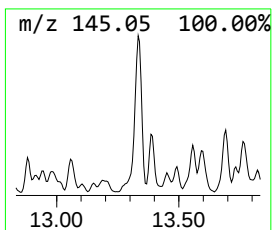
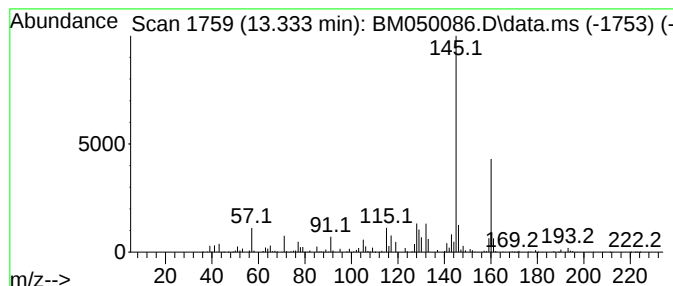
Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.333	13.37 ng	3808140	Acenaphthene-d10	14.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

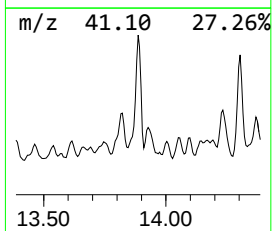
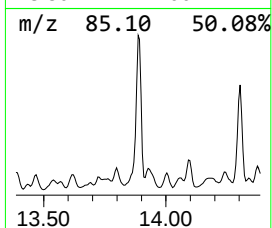
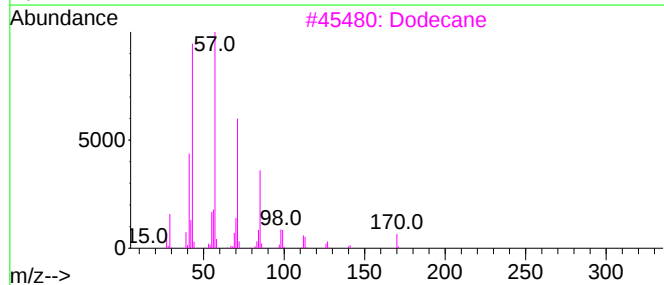
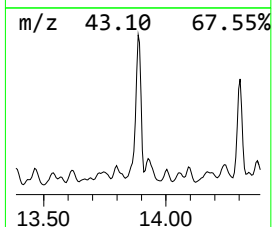
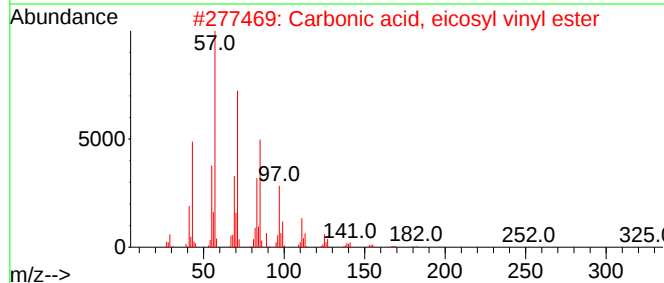
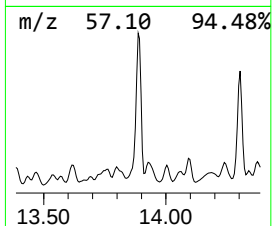
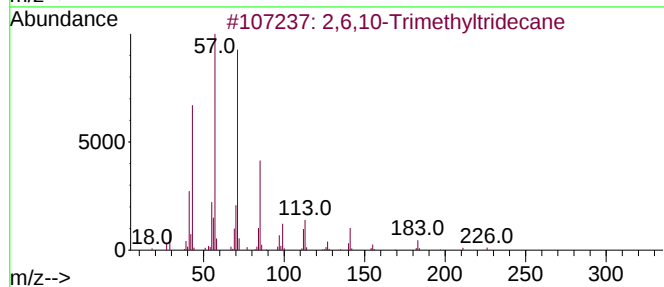
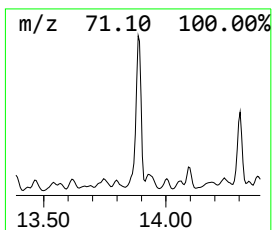
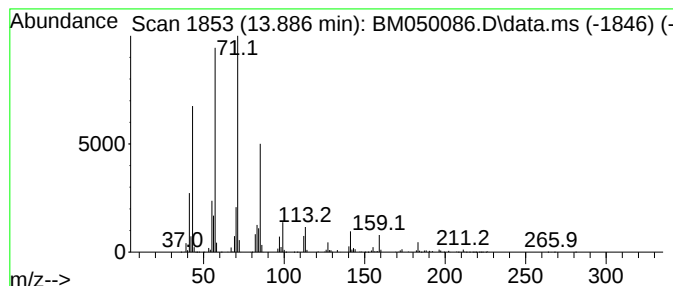
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,6,10-Trimethyltridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	31.95 ng	9102180	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	87
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3			Dodecane	170	C12H26	000112-40-3	86
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
5			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

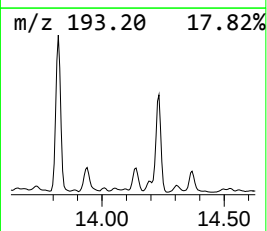
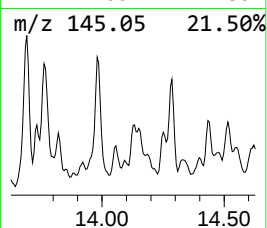
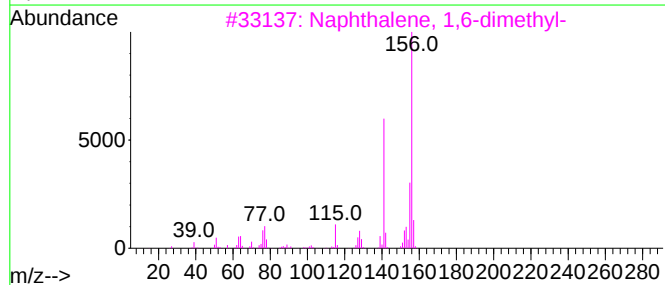
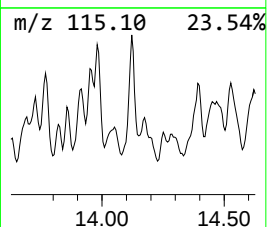
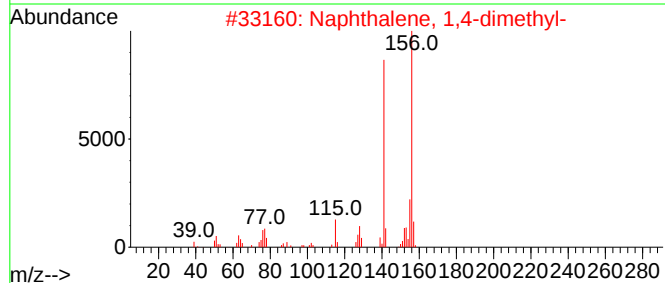
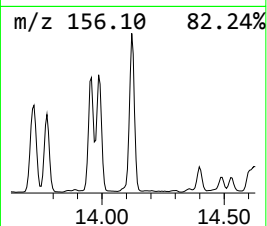
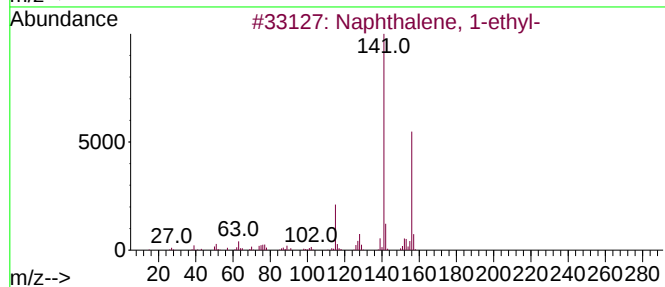
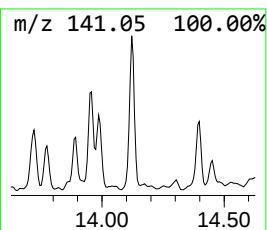
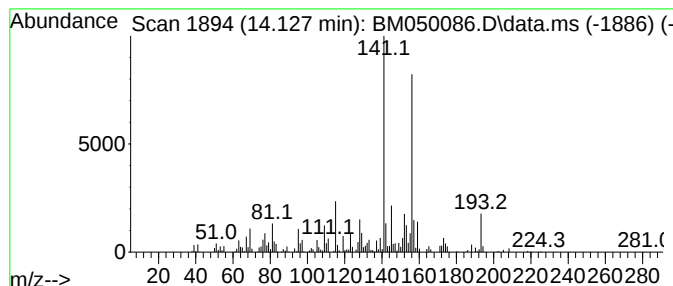
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.127	17.87 ng	5091470	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	89
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

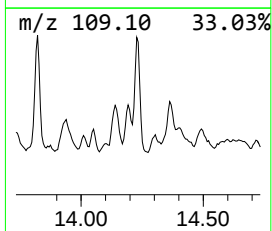
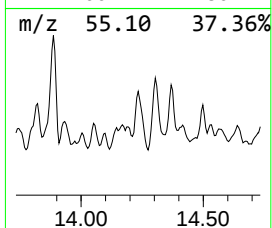
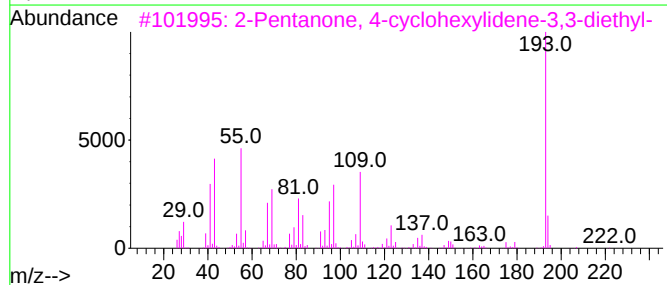
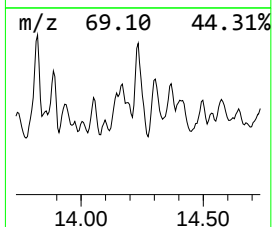
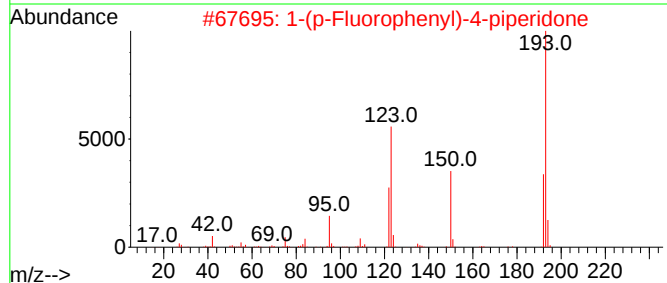
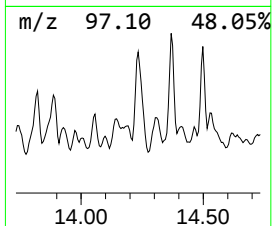
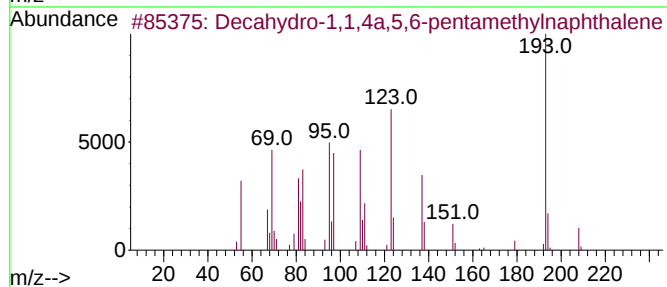
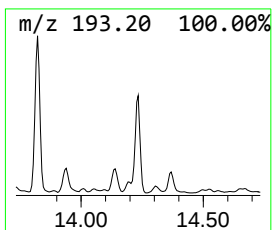
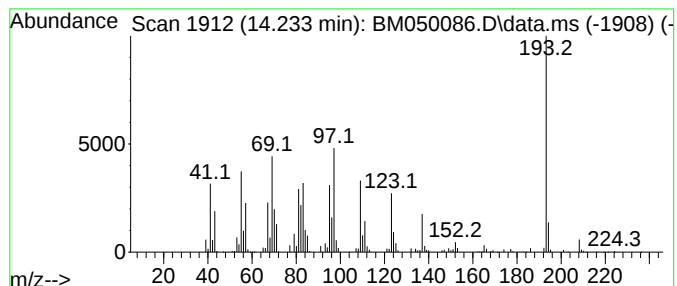
Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.233	15.51 ng	4418970	Acenaphthene-d10			14.398
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	52
2	1-(p-Fluorophenyl)-4-piperidone		193	C11H12FNO	1000238-56-7	43
3	2-Pentanone, 4-cyclohexylidene-3...		222	C15H26O	313253-65-5	42
4	9-Borabicyclo[3.3.1]nonane, 9-[3...		193	C12H24BN	1010162-56-0	40
5	Silane, chlorodiethylhexyloxy-		222	C10H23ClOSi	1000363-74-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

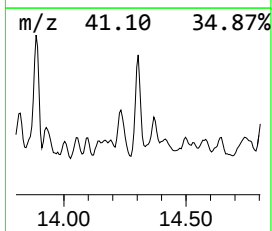
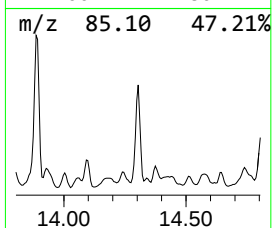
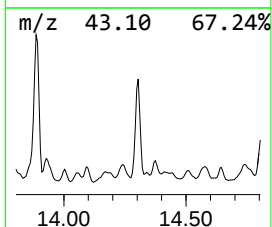
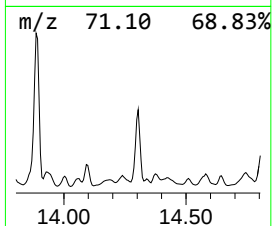
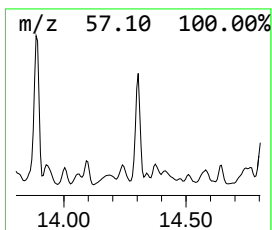
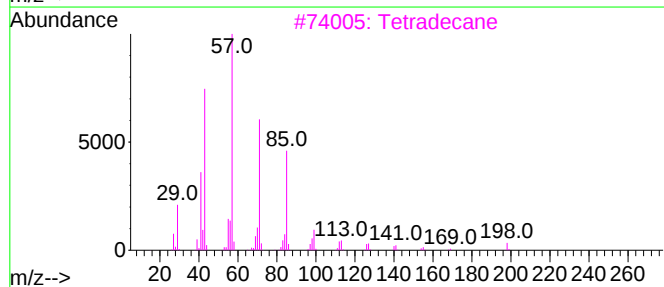
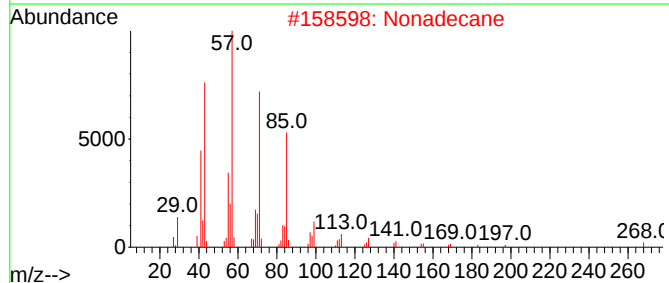
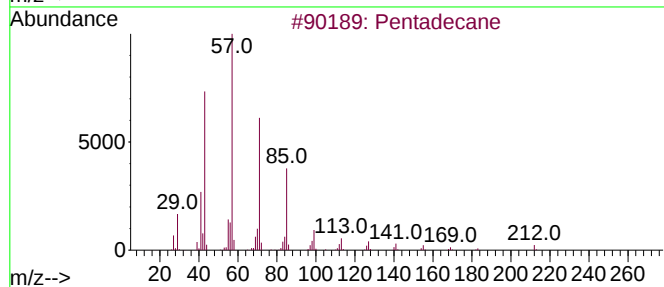
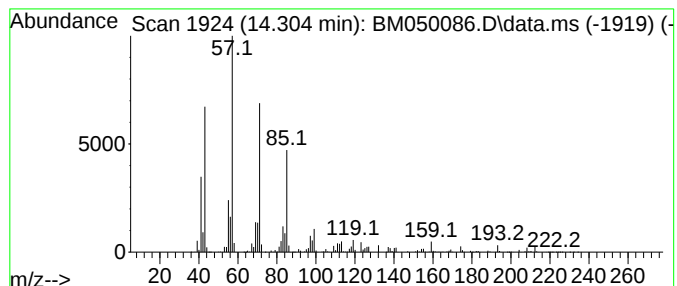
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	20.96 ng	5972350	Acenaphthene-d10	14.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	91
2		Nonadecane	268	C19H40	000629-92-5	87
3		Tetradecane	198	C14H30	000629-59-4	83
4		10-Methylnonadecane	282	C20H42	056862-62-5	83
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

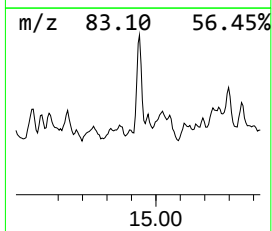
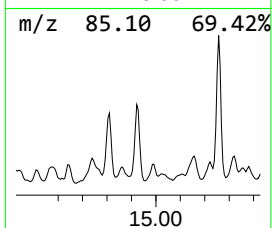
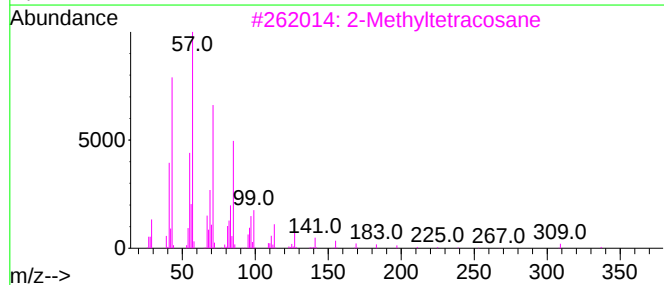
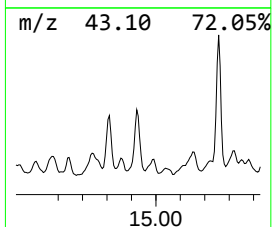
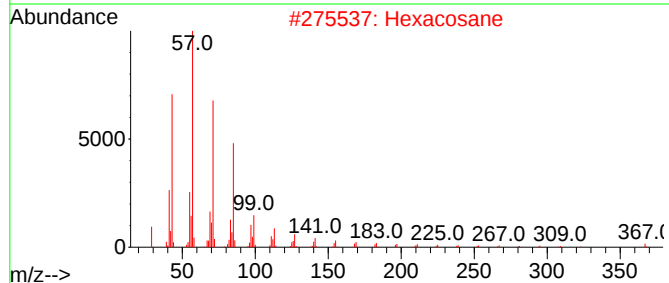
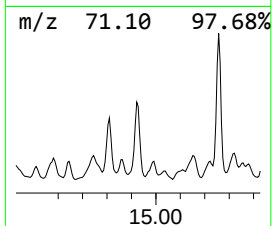
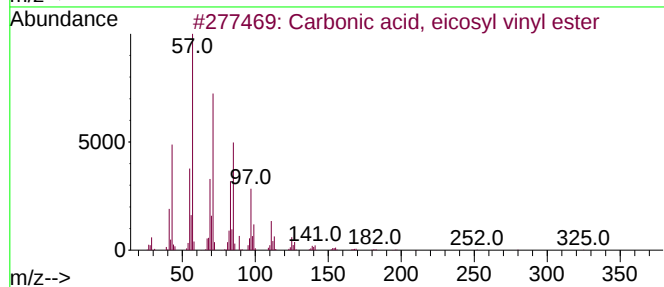
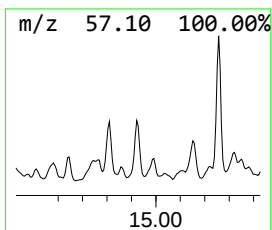
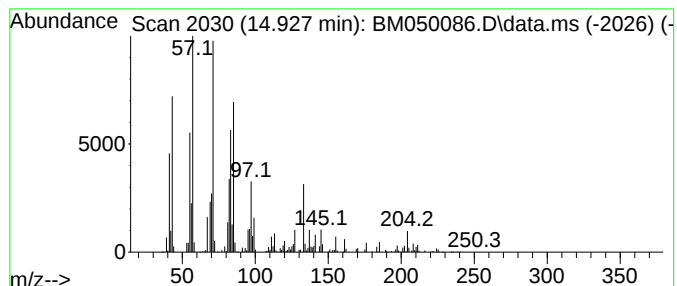
Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Carbonic acid, eicosyl vinyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.927	14.43 ng	4111930	Acenaphthene-d10		14.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	58
2	Hexacosane		366	C26H54	000630-01-3	53
3	2-Methyltetracosane		352	C25H52	001560-78-7	52
4	Carbonic acid, octadecyl vinyl e...		340	C21H40O3	1000382-54-4	52
5	Nonadecane		268	C19H40	000629-92-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

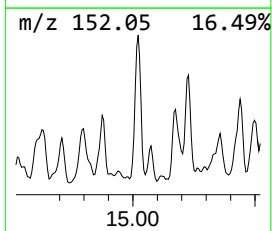
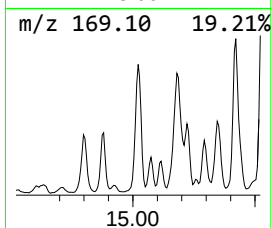
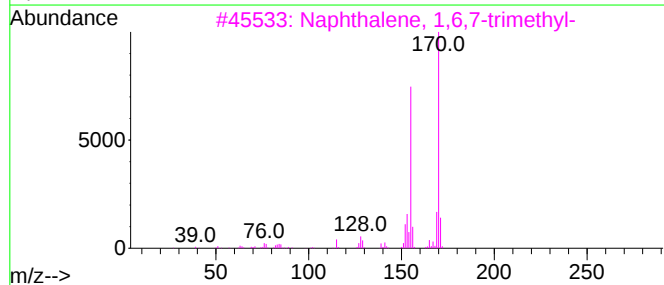
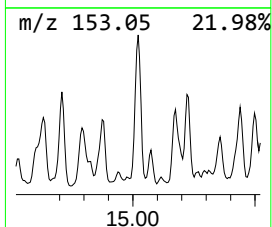
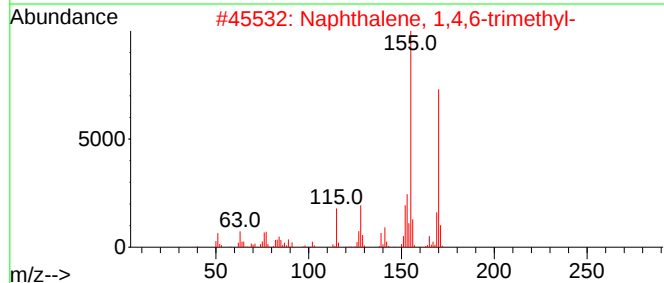
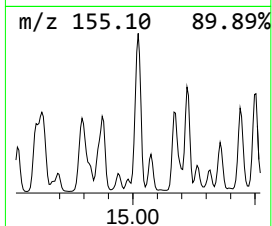
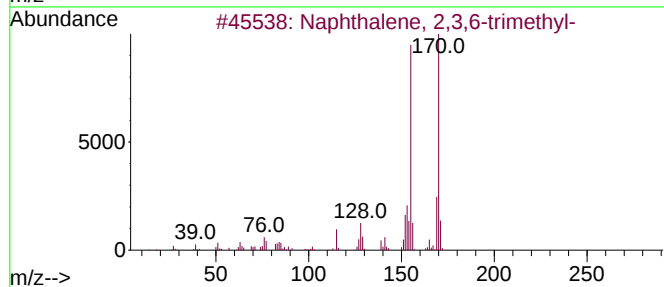
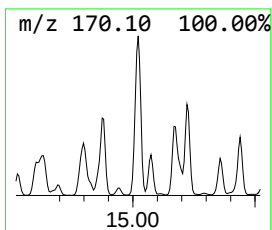
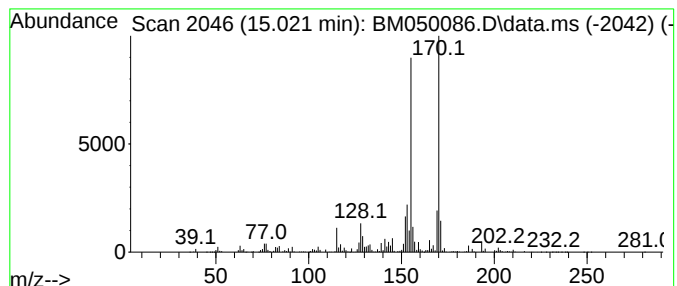
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	15.33 ng	4366670	Acenaphthene-d10	14.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

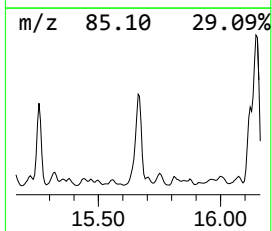
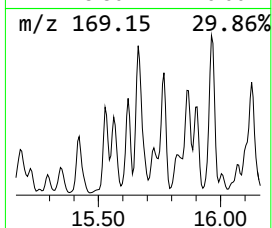
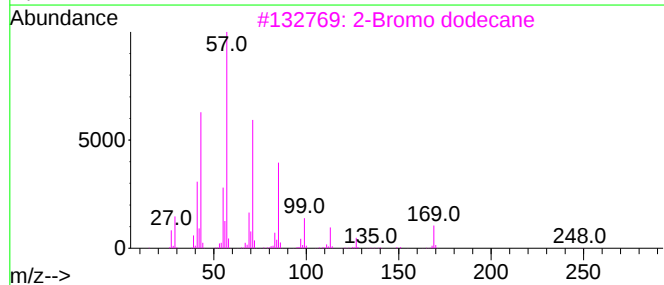
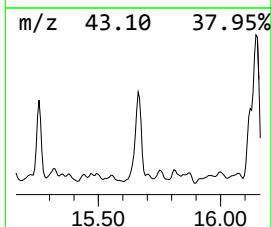
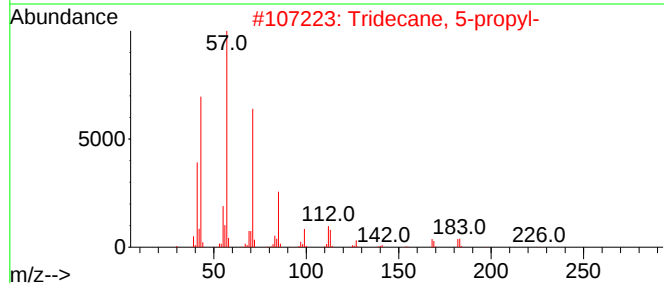
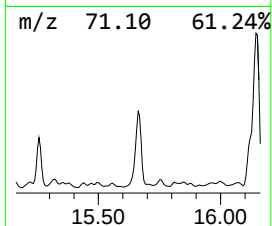
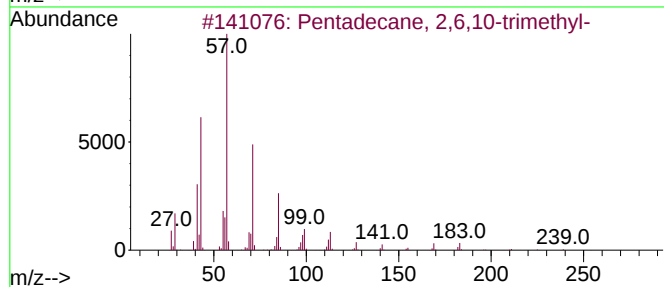
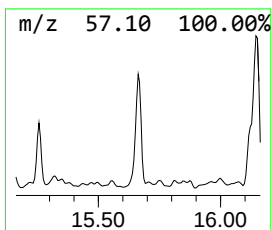
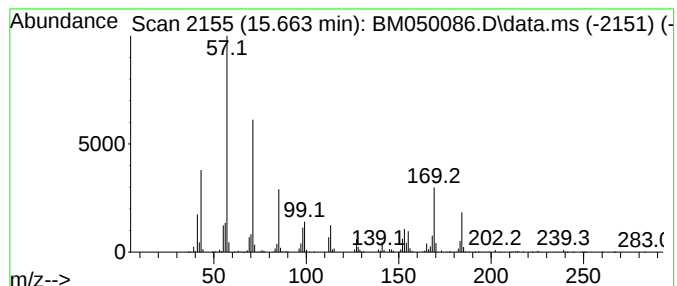
Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.663	34.91 ng	9947380	Acenaphthene-d10	14.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	47
4	Hentriacontane	437	C31H64	000630-04-6	47
5	Heptacosane	380	C27H56	000593-49-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

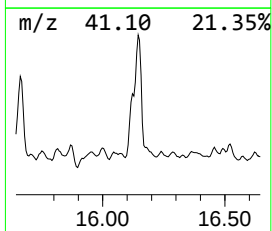
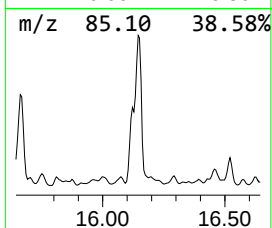
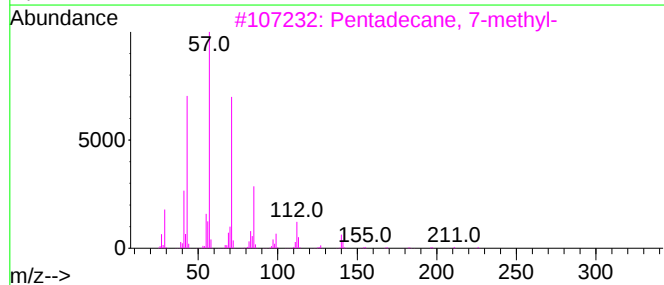
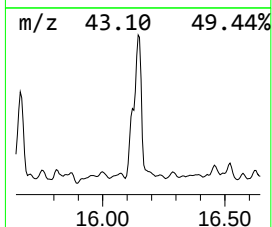
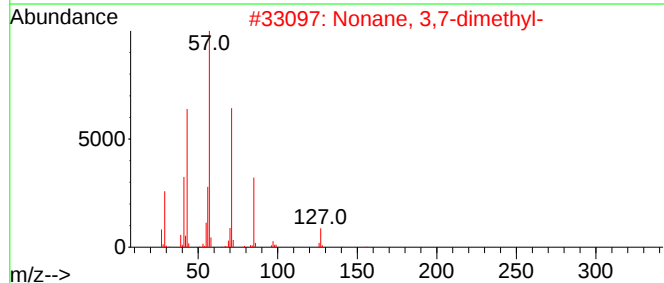
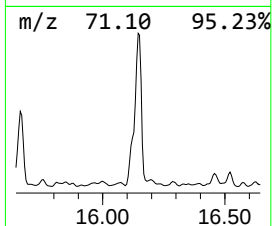
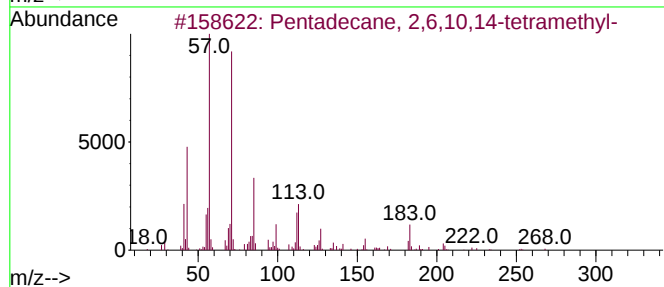
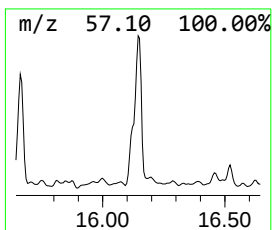
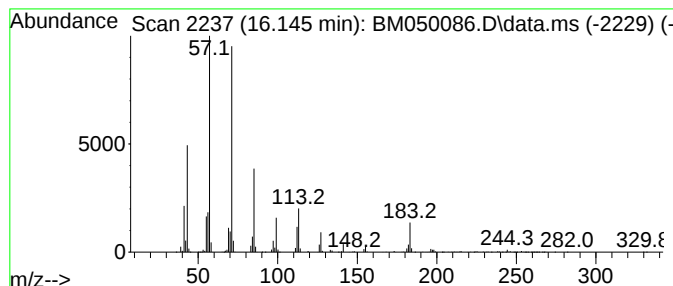
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	84.33 ng	20593900	Phenanthrene-d10	17.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

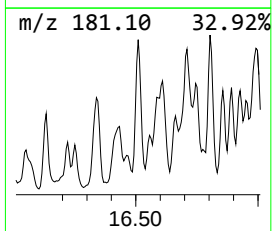
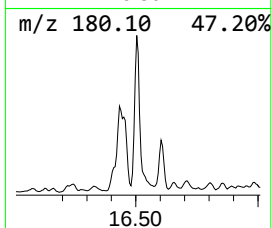
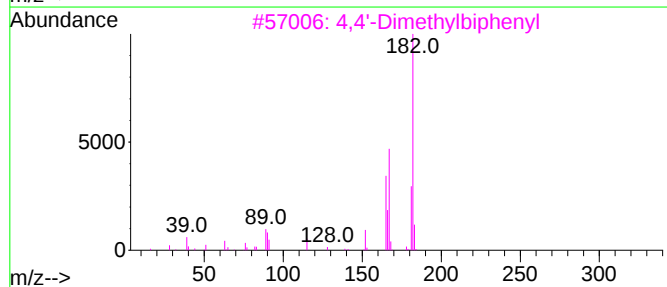
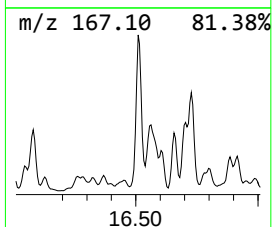
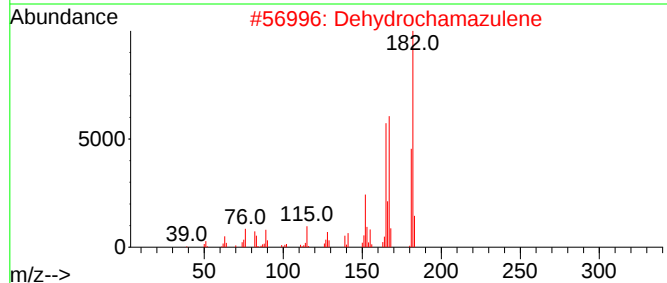
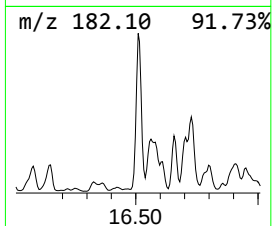
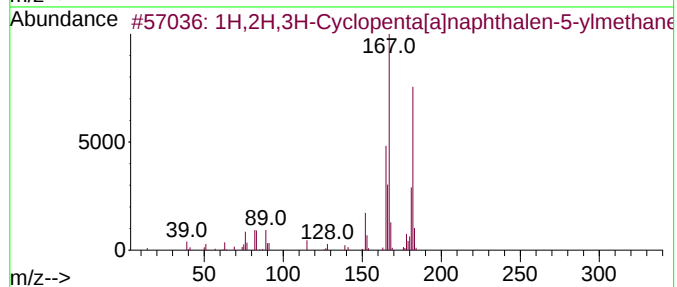
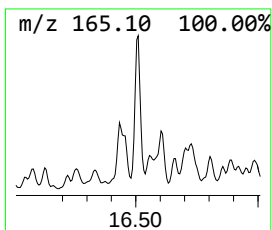
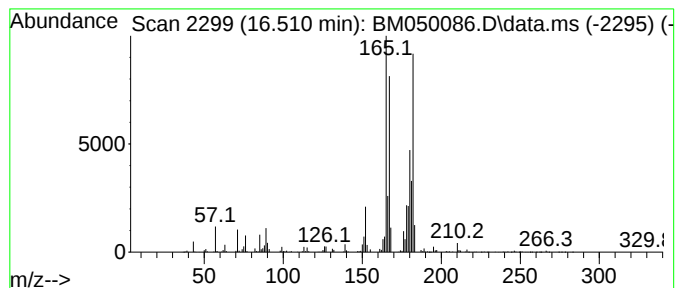
Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H,2H,3H-Cyclopenta[a]napht... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.509	17.35 ng	4236520	Phenanthrene-d10	17.151	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	70
2	Dehydrochamazulene	182	C14H14	321732-25-6	64
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	58
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	52
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

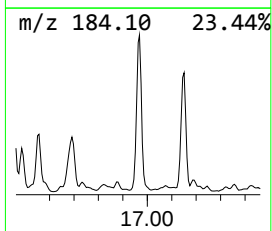
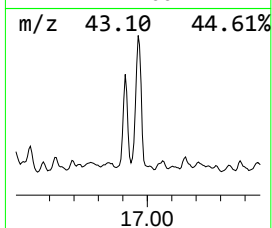
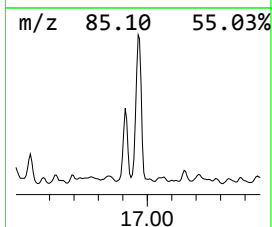
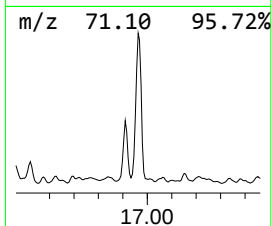
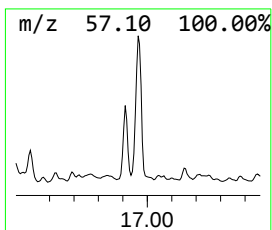
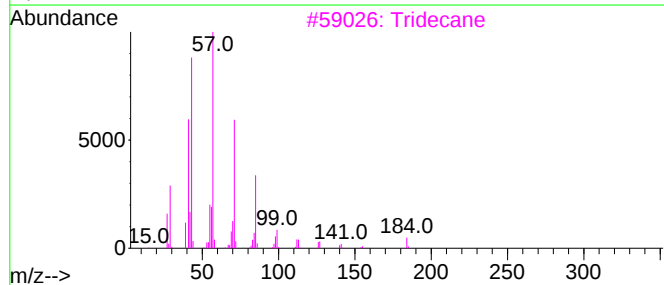
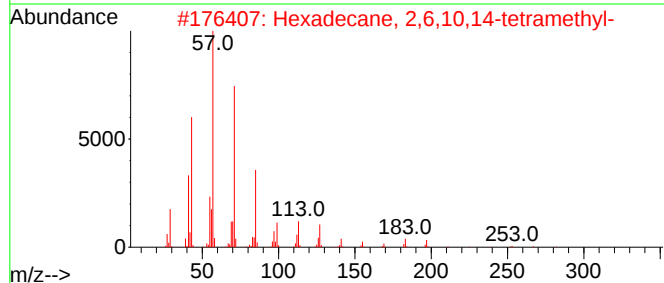
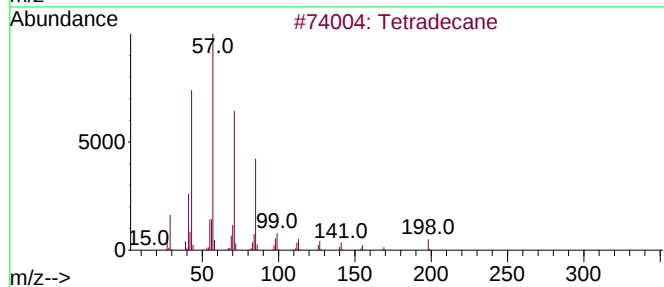
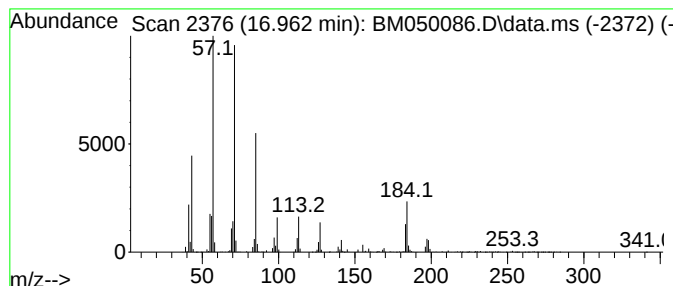
Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.962	52.72 ng	12874900	Phenanthrene-d10			17.151
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	90
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	90
3	Tridecane		184	C13H28	000629-50-5	87
4	2-Bromotetradecane		276	C14H29Br	074036-95-6	74
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

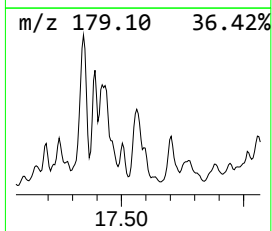
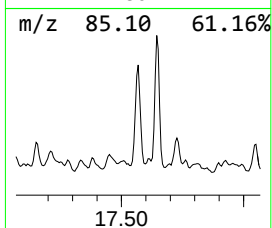
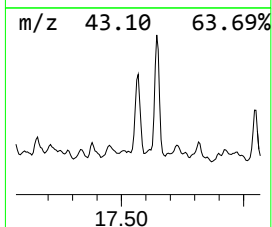
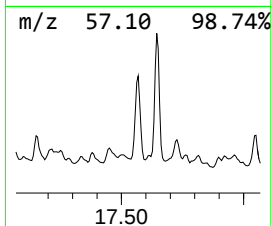
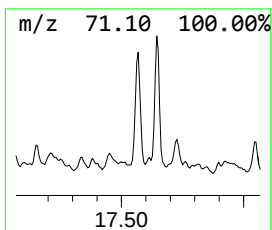
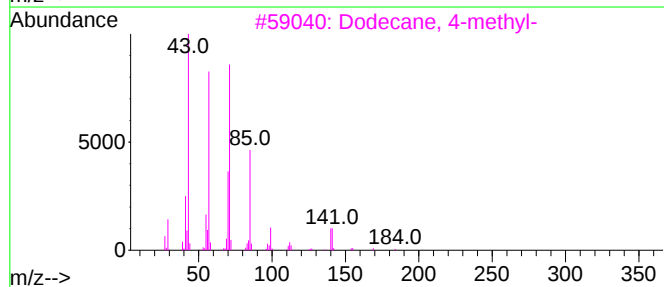
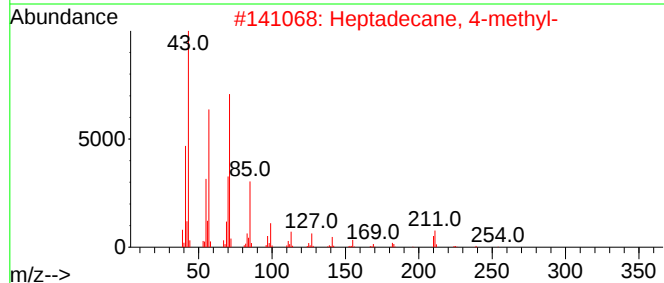
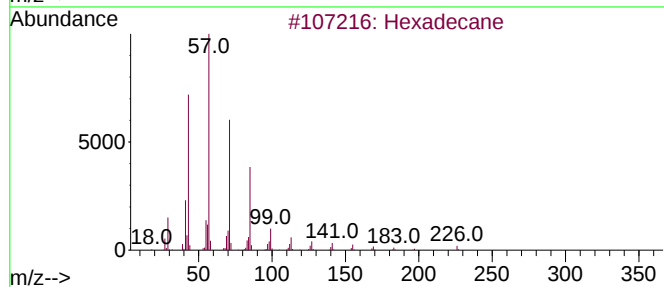
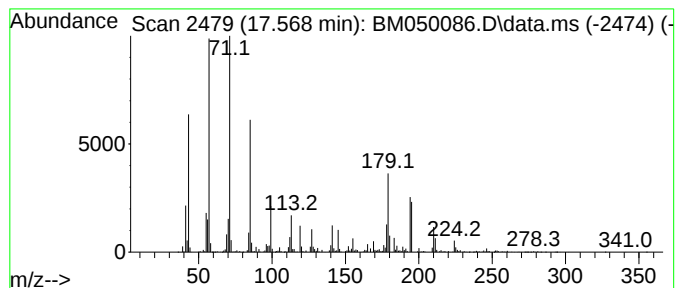
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.568	22.01 ng	5374220	Phenanthrene-d10	17.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	78
2			Heptadecane, 4-methyl-	254	C18H38	026429-11-8	60
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	55
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	53
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

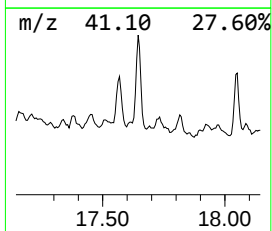
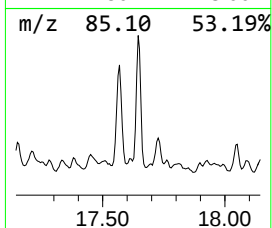
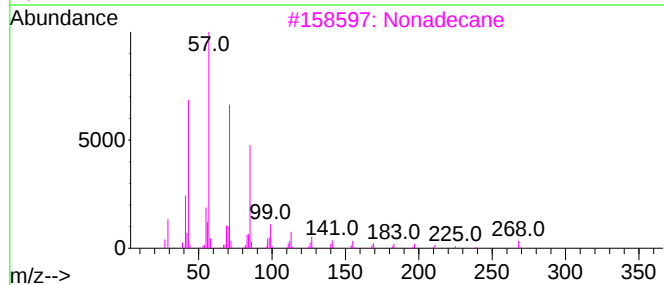
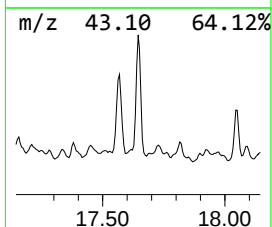
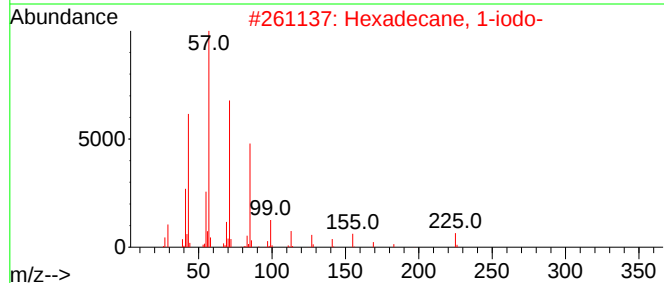
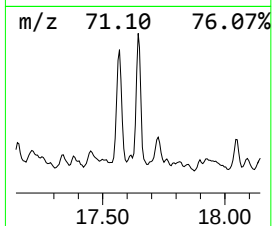
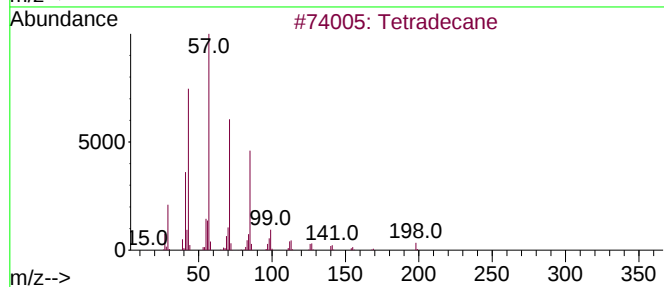
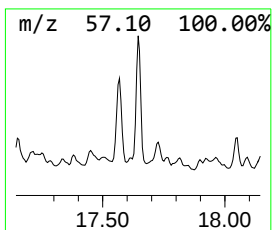
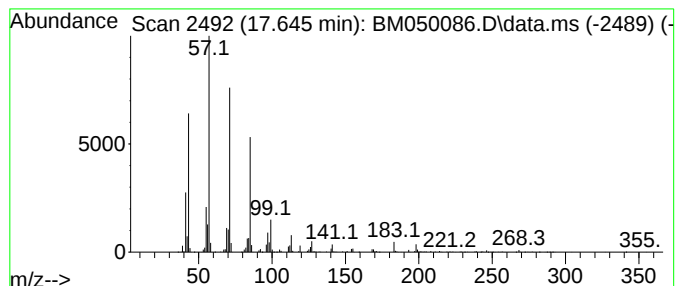
Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.645	15.68 ng	3829410	Phenanthrene-d10		17.151	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	87
2	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	86
3	Nonadecane		268	C19H40	000629-92-5	86
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86
5	Heptacosane		380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

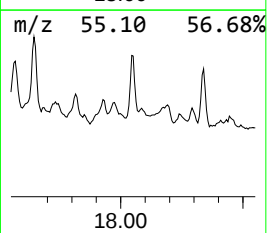
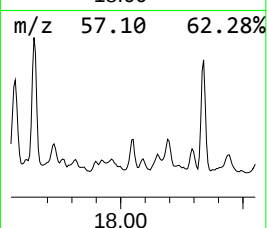
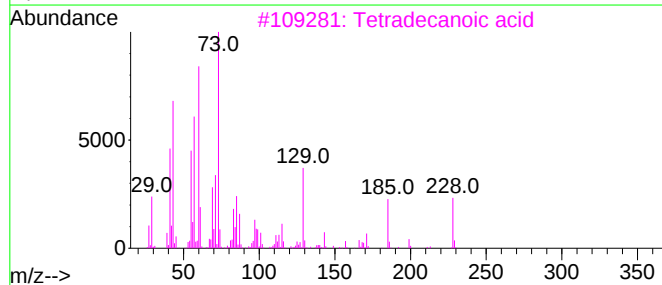
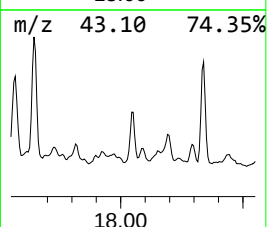
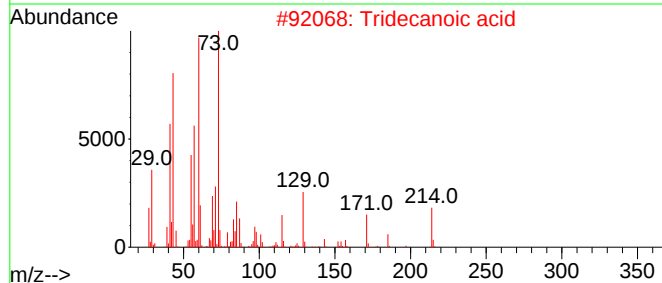
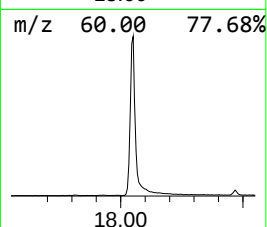
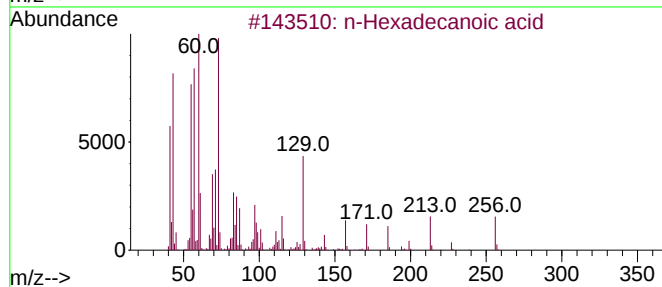
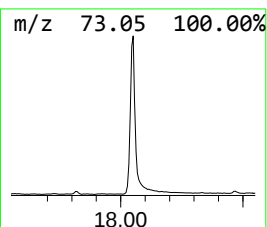
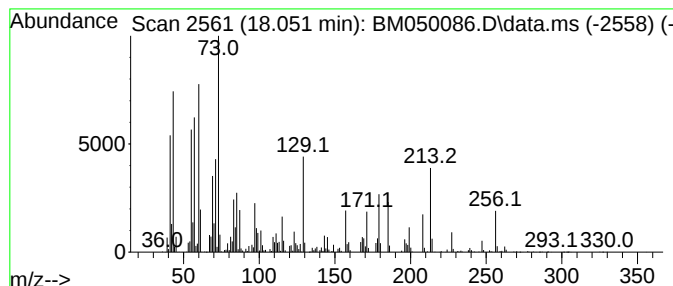
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	22.75 ng	5555550	Phenanthrene-d10	17.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	64
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5			n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

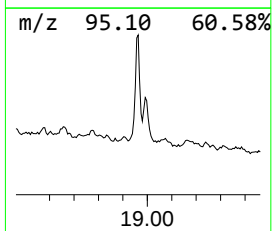
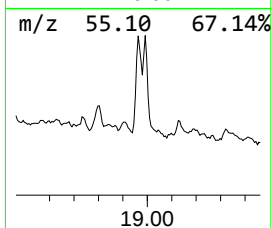
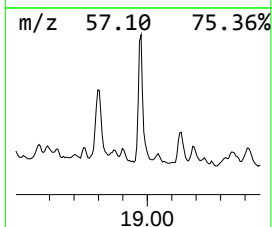
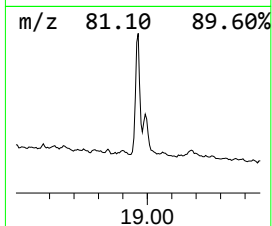
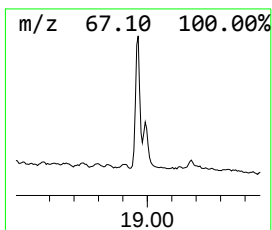
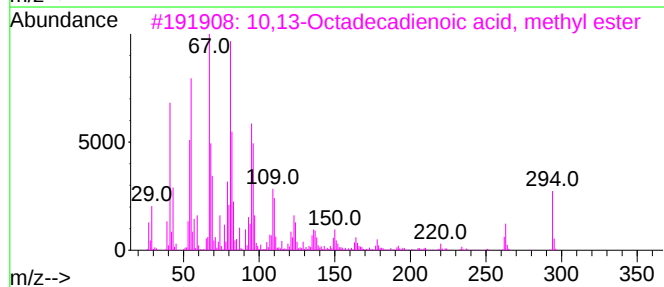
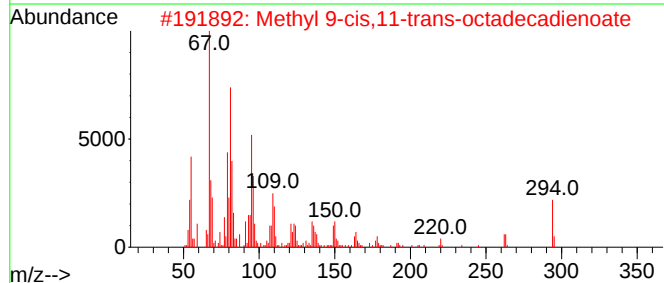
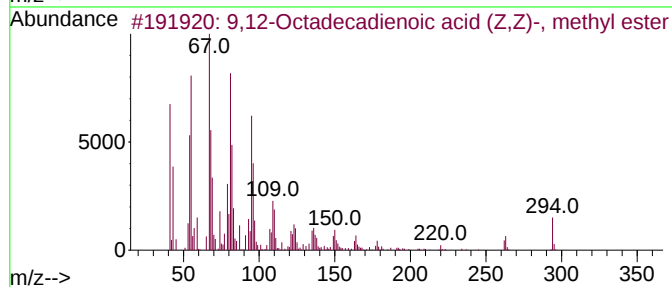
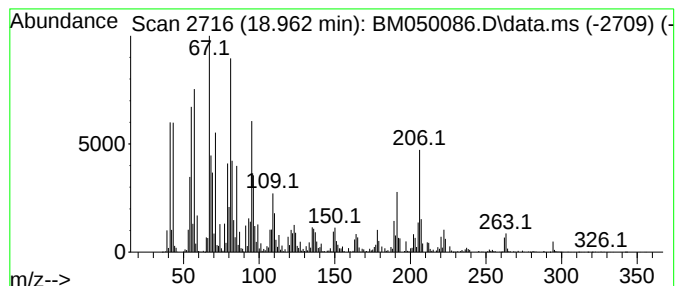
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.962	31.24 ng	7628820	Phenanthrene-d10	17.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050086.D
Acq On : 02 May 2025 15:19
Operator : RC/JU
Sample : Q1914-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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, 4-ethy...	8.851	15.3	ng	2794990	1	7.745	3648930	20.0
Undecane	8.975	16.9	ng	3086640	1	7.745	3648930	20.0
Octane, 2,6-dim...	11.575	15.2	ng	7137120	2	10.539	9382580	20.0
Nonane, 3,7-dim...	12.939	27.3	ng	7784860	3	14.398	5698190	20.0
Undecane, 3-met...	13.227	18.5	ng	5270460	3	14.398	5698190	20.0
Naphthalene, 1,...	13.333	13.4	ng	3808140	3	14.398	5698190	20.0
2,6,10-Trimethy...	13.886	31.9	ng	9102180	3	14.398	5698190	20.0
Naphthalene, 1-...	14.127	17.9	ng	5091470	3	14.398	5698190	20.0
Decahydro-1,1,4...	14.233	15.5	ng	4418970	3	14.398	5698190	20.0
Pentadecane	14.304	21.0	ng	5972350	3	14.398	5698190	20.0
Carbonic acid, ...	14.927	14.4	ng	4111930	3	14.398	5698190	20.0
Naphthalene, 2,...	15.021	15.3	ng	4366670	3	14.398	5698190	20.0
Pentadecane, 2,...	15.663	34.9	ng	9947380	3	14.398	5698190	20.0
Pentadecane, 2,...	16.145	84.3	ng	20593900	4	17.151	4883880	20.0
1H,2H,3H-Cyclop...	16.509	17.4	ng	4236520	4	17.151	4883880	20.0
Tetradecane	16.962	52.7	ng	12874900	4	17.151	4883880	20.0
Hexadecane	17.568	22.0	ng	5374220	4	17.151	4883880	20.0
Hexadecane, 1-i...	17.645	15.7	ng	3829410	4	17.151	4883880	20.0
n-Hexadecanoic ...	18.051	22.8	ng	5555550	4	17.151	4883880	20.0
9,12-Octadecadi...	18.962	31.2	ng	7628820	4	17.151	4883880	20.0