

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049940.D
 Acq On : 15 Apr 2025 18:32
 Operator : RC/JU
 Sample : Q1785-03 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-03-041125

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: BM049940.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	318	324	332	rBV	639672	885992	5.13%	0.274%
2	5.357	397	403	424	rVB	1994608	3050861	17.66%	0.944%
3	6.951	664	674	688	rBV	1765906	3112629	18.01%	0.963%
4	7.769	805	813	819	rBV	1435272	2381509	13.78%	0.737%
5	8.881	992	1002	1005	rBV2	441859	897061	5.19%	0.277%
6	8.928	1005	1010	1016	rVV	1140403	2032177	11.76%	0.629%
7	9.004	1018	1023	1028	rVB	1442597	2075065	12.01%	0.642%
8	9.134	1033	1045	1050	rBV9	368216	1054852	6.10%	0.326%
9	9.492	1103	1106	1111	rVV2	521732	776113	4.49%	0.240%
10	9.704	1137	1142	1146	rVV3	441898	747120	4.32%	0.231%
11	9.751	1146	1150	1158	rVV3	484904	1092389	6.32%	0.338%
12	9.851	1164	1167	1172	rVB2	548748	818988	4.74%	0.253%
13	9.922	1173	1179	1183	rBV2	731984	1162091	6.73%	0.359%
14	9.969	1183	1187	1190	rVV3	518403	899718	5.21%	0.278%
15	9.998	1190	1192	1196	rVV2	541763	767449	4.44%	0.237%
16	10.104	1205	1210	1214	rBV	506286	818807	4.74%	0.253%
17	10.198	1222	1226	1233	rVB	582433	962488	5.57%	0.298%
18	10.551	1278	1286	1294	rBV2	4453022	9008214	52.13%	2.786%
19	10.686	1305	1309	1313	rBV3	417886	682541	3.95%	0.211%
20	10.733	1313	1317	1322	rVB	1326647	1940917	11.23%	0.600%
21	10.792	1322	1327	1335	rBV5	501089	1081378	6.26%	0.334%
22	10.981	1350	1359	1364	rBV8	417944	1075332	6.22%	0.333%
23	11.033	1364	1368	1371	rBV	601021	861809	4.99%	0.267%
24	11.233	1397	1402	1404	rBV3	492889	814427	4.71%	0.252%
25	11.275	1405	1409	1413	rVV3	929230	1836245	10.63%	0.568%
26	11.333	1416	1419	1426	rVB3	675061	1212005	7.01%	0.375%
27	11.410	1426	1432	1438	rBV4	1243061	2066793	11.96%	0.639%
28	11.486	1438	1445	1452	rBV3	1491732	3009194	17.42%	0.931%
29	11.598	1459	1464	1474	rBV3	1912586	4035443	23.35%	1.248%
30	11.675	1474	1477	1484	rVB2	555160	1003792	5.81%	0.310%
31	11.763	1486	1492	1500	rVB2	1754645	3075186	17.80%	0.951%
32	11.998	1522	1532	1543	rBV	5772139	10393307	60.15%	3.215%
33	12.122	1549	1553	1559	rVB2	984393	1729009	10.01%	0.535%
34	12.222	1563	1570	1578	rVB7	928336	2525640	14.62%	0.781%
35	12.486	1610	1615	1620	rVV2	2313161	3831497	22.17%	1.185%
36	12.533	1620	1623	1626	rVV4	498713	738254	4.27%	0.228%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.633	1637	1640	1644	rVV	1041524	1459699	8.45%	0.451%
38	12.680	1644	1648	1655	rVV3	872103	1832631	10.61%	0.567%
39	12.745	1655	1659	1666	rVV5	1146651	2175859	12.59%	0.673%
40	12.816	1666	1671	1677	rVB2	1157589	2071167	11.99%	0.641%
41	12.904	1681	1686	1691	rBV4	1535929	2664621	15.42%	0.824%
42	12.963	1691	1696	1700	rVB3	2723206	3861027	22.35%	1.194%
43	13.033	1704	1708	1718	rVB	2884598	4289090	24.82%	1.327%
44	13.122	1719	1723	1729	rVB7	573253	942610	5.46%	0.292%
45	13.198	1729	1736	1738	rBV5	556668	1128448	6.53%	0.349%
46	13.251	1739	1745	1752	rVB	7596861	11533301	66.75%	3.567%
47	13.357	1757	1763	1768	rVV2	1786261	4180273	24.19%	1.293%
48	13.410	1768	1772	1776	rVB2	1206918	1668913	9.66%	0.516%
49	13.574	1796	1800	1807	rBV5	696066	1226779	7.10%	0.379%
50	13.692	1816	1820	1826	rBV6	875608	2240165	12.96%	0.693%
51	13.786	1831	1836	1839	rVB5	1008872	1939734	11.23%	0.600%
52	13.880	1848	1852	1854	rBV3	1754070	2471490	14.30%	0.764%
53	13.910	1854	1857	1860	rVV	3240111	4507536	26.09%	1.394%
54	13.945	1860	1863	1869	rVB2	1930046	2681593	15.52%	0.829%
55	14.022	1874	1876	1880	rVB	1210001	1439616	8.33%	0.445%
56	14.327	1922	1928	1932	rBV	9911740	13918075	80.55%	4.305%
57	14.416	1935	1943	1953	rVV3	2911470	6648517	38.48%	2.056%
58	14.786	1998	2006	2009	rBV4	1282738	3240725	18.76%	1.002%
59	14.821	2009	2012	2018	rVB3	1509809	2250830	13.03%	0.696%
60	14.880	2019	2022	2026	rBV2	861816	1227372	7.10%	0.380%
61	14.945	2029	2033	2041	rVB4	2685795	4555971	26.37%	1.409%
62	15.010	2041	2044	2047	rBV	1041673	1312684	7.60%	0.406%
63	15.280	2085	2090	2094	rVB	10433197	13988605	80.96%	4.327%
64	15.374	2103	2106	2115	rVB3	1058793	2148576	12.43%	0.665%
65	15.504	2124	2128	2134	rBV7	710402	1564156	9.05%	0.484%
66	15.680	2152	2158	2163	rVV	4388034	7895196	45.69%	2.442%
67	15.774	2170	2174	2180	rVB3	2034962	3008302	17.41%	0.930%
68	15.833	2180	2184	2190	rBV3	1544236	2822915	16.34%	0.873%
69	15.904	2190	2196	2204	rVB3	3091796	5850793	33.86%	1.810%
70	16.139	2231	2236	2239	rBV	11626022	17279073	100.00%	5.345%
71	16.480	2290	2294	2297	rBV	1070161	1646211	9.53%	0.509%
72	16.598	2311	2314	2317	rBV2	831266	925541	5.36%	0.286%
73	16.645	2320	2322	2325	rVB	814281	688148	3.98%	0.213%
74	16.710	2331	2333	2336	rVV2	763077	779029	4.51%	0.241%
75	16.739	2336	2338	2342	rVB2	990475	976395	5.65%	0.302%
76	16.933	2366	2371	2375	rBV	9963503	13236646	76.61%	4.094%

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77	16.980	2375	2379	2390	rVB	4469366	7853772	45.45%	2.429%
78	17.162	2406	2410	2415	rBV2	2990226	4307631	24.93%	1.332%
79	17.398	2448	2450	2457	rVB	985169	1177787	6.82%	0.364%
80	17.468	2458	2462	2468	rVB2	1127162	1677885	9.71%	0.519%
81	17.527	2469	2472	2475	rVB2	647184	712451	4.12%	0.220%
82	17.586	2479	2482	2491	rVV2	1354937	2297799	13.30%	0.711%
83	17.668	2491	2496	2501	rVB	9627361	12103103	70.04%	3.744%
84	17.945	2540	2543	2548	rBV3	741596	1180558	6.83%	0.365%
85	18.068	2561	2564	2568	rBV3	631486	828299	4.79%	0.256%
86	18.362	2609	2614	2618	rBV	8024376	10411171	60.25%	3.220%
87	18.468	2629	2632	2636	rVB3	656686	784068	4.54%	0.243%
88	18.604	2652	2655	2660	rBV4	852132	1250795	7.24%	0.387%
89	18.762	2680	2682	2688	rVB3	625590	710849	4.11%	0.220%
90	18.821	2689	2692	2698	rVB2	885968	1149343	6.65%	0.356%
91	18.992	2717	2721	2728	rVB	6961882	8391027	48.56%	2.595%
92	19.215	2756	2759	2762	rBV2	565278	784083	4.54%	0.243%
93	19.345	2777	2781	2791	rBV3	1845799	3414503	19.76%	1.056%
94	19.568	2816	2819	2824	rVB	4838170	5616688	32.51%	1.737%
95	19.786	2851	2856	2862	rVB	5317589	6697131	38.76%	2.071%
96	20.103	2906	2910	2915	rVB	3721215	4040295	23.38%	1.250%
97	20.598	2990	2994	2998	rBV	2270490	2497552	14.45%	0.773%
98	21.080	3073	3076	3087	rVB	1134433	1523650	8.82%	0.471%
99	21.397	3126	3130	3136	rVB	2850258	3998740	23.14%	1.237%
100	24.409	3636	3642	3657	rVB	1957866	5156561	29.84%	1.595%

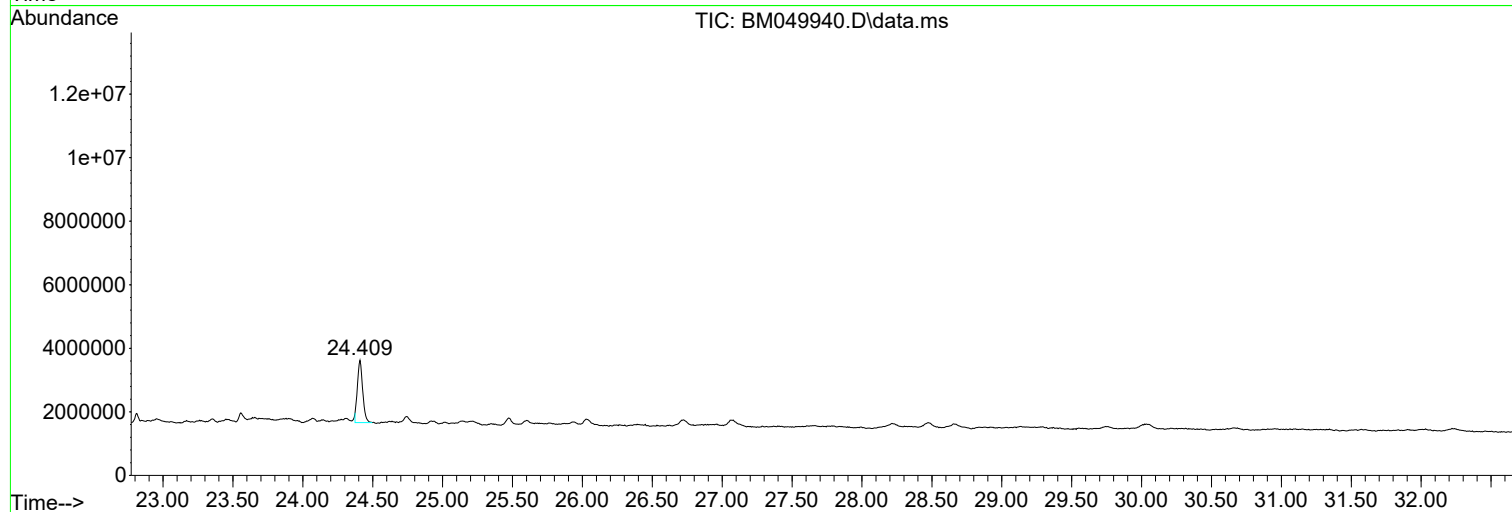
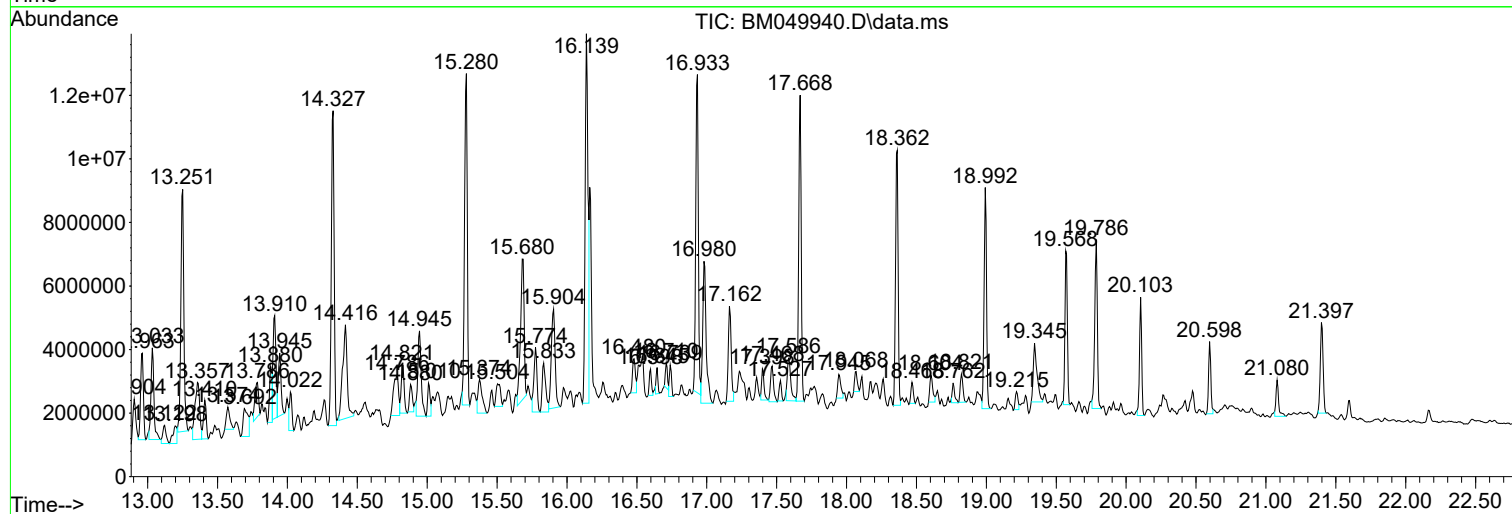
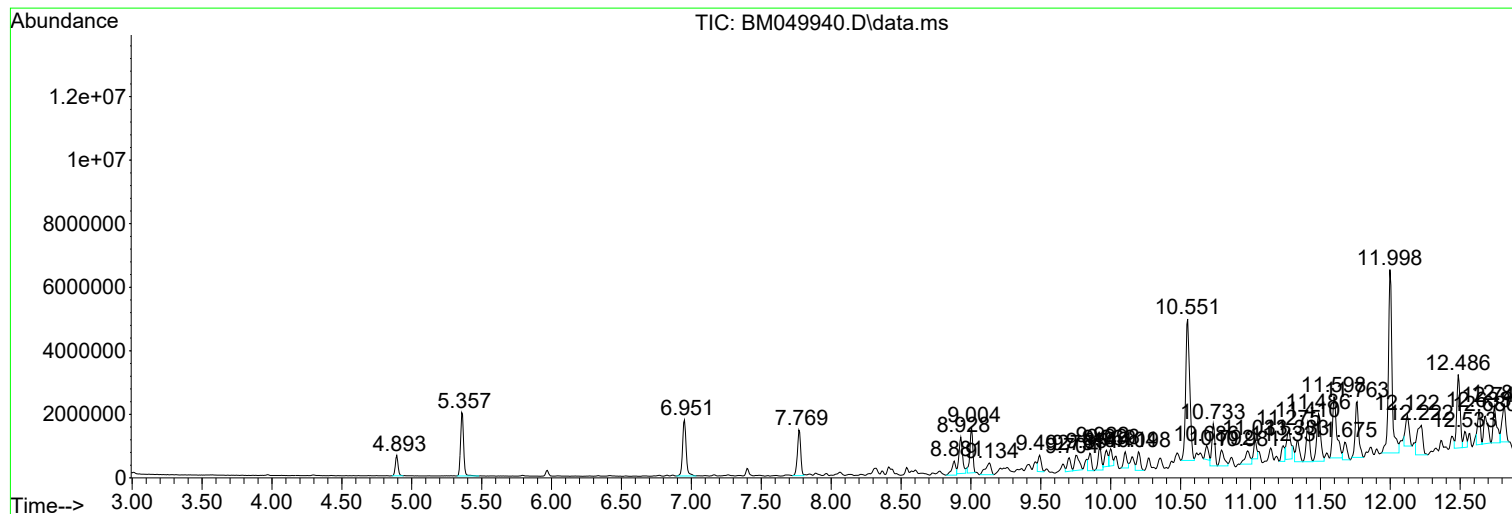
Sum of corrected areas: 323300345

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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



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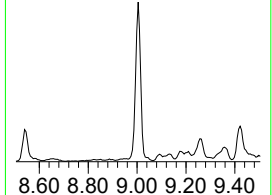
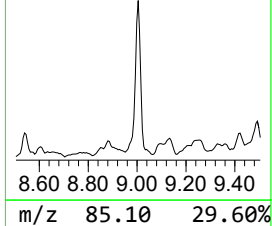
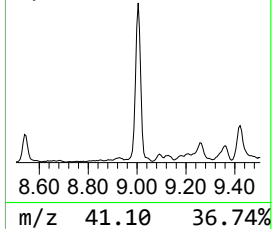
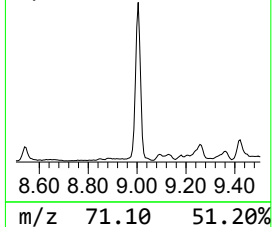
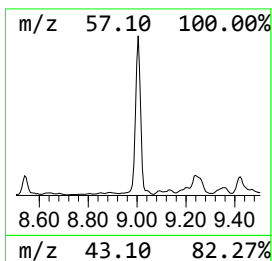
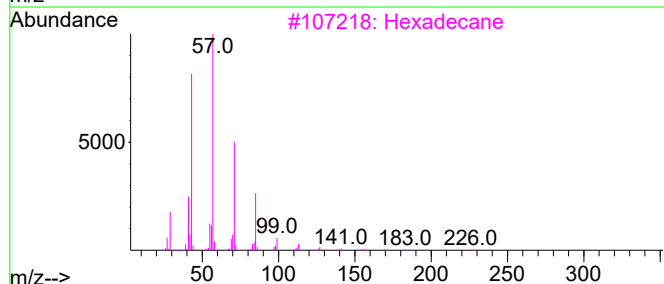
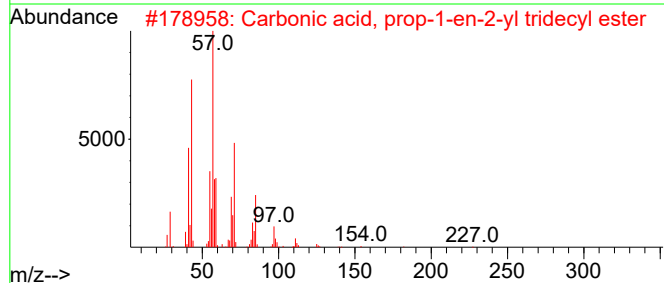
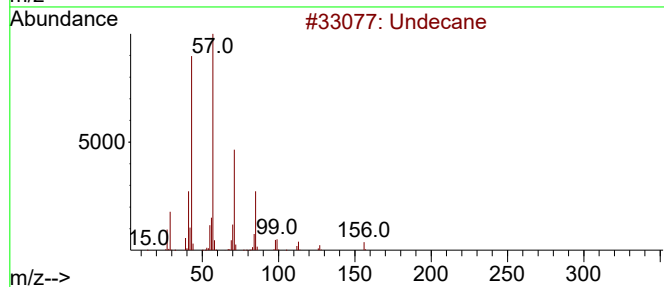
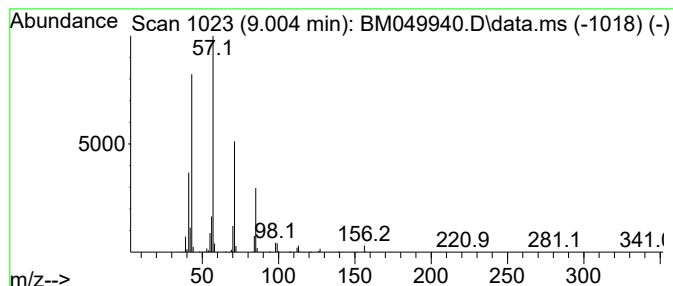
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.004	17.43 ng	2075070	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	94
2	Carbonic acid, prop-1-en-2-yl tr...			284	C17H32O3	1000382-90-8	90
3	Hexadecane			226	C16H34	000544-76-3	90
4	Tridecane			184	C13H28	000629-50-5	86
5	Sulfurous acid, 2-ethylhexyl iso...			278	C14H30O3S	1000309-19-0	72



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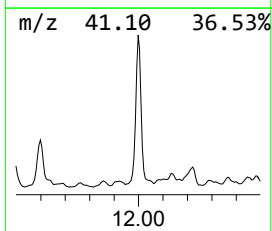
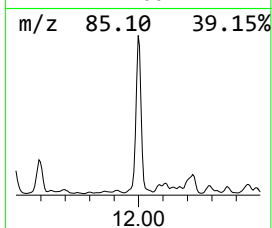
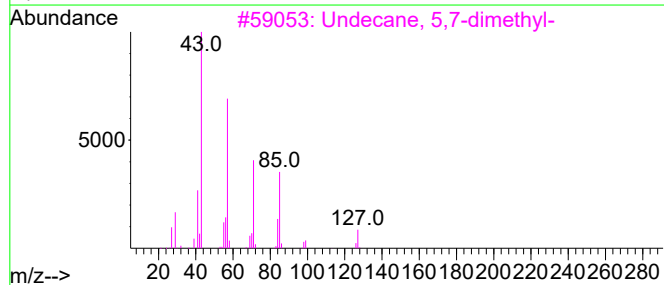
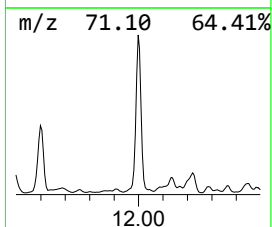
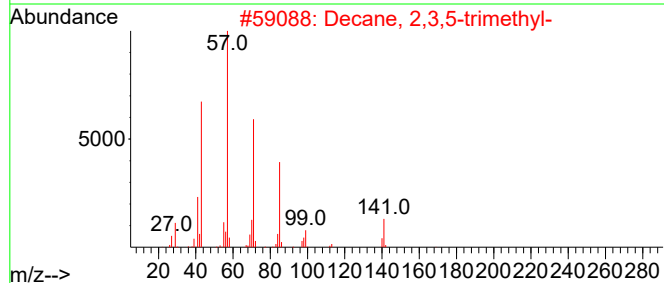
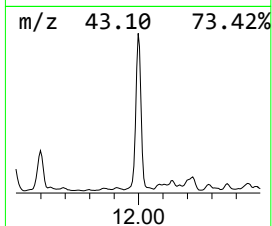
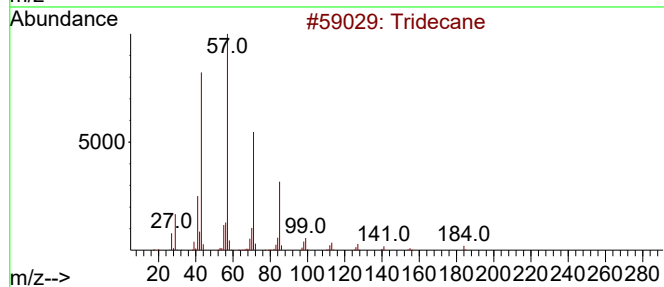
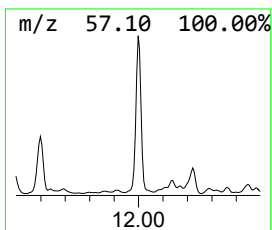
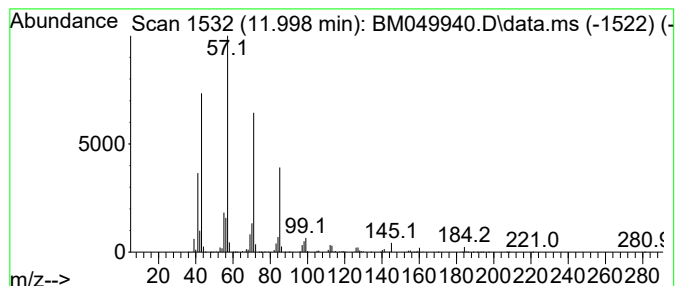
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	23.08 ng	10393300	Naphthalene-d8	10.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	78
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	72
5			Hexadecane	226	C16H34	000544-76-3	72



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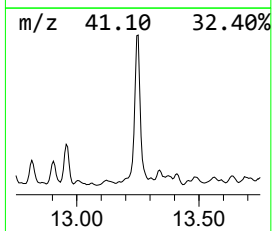
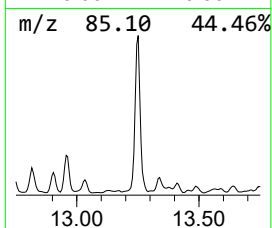
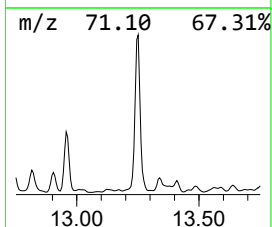
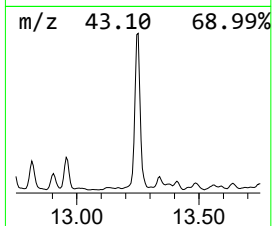
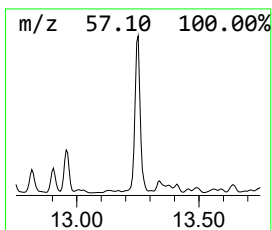
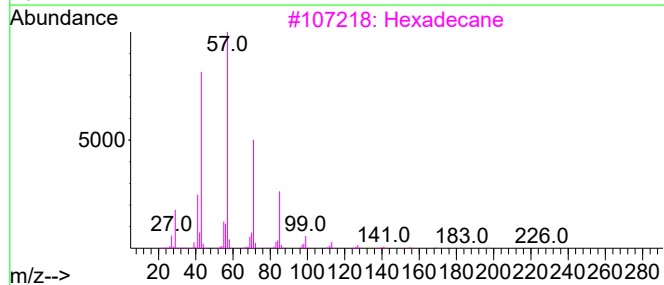
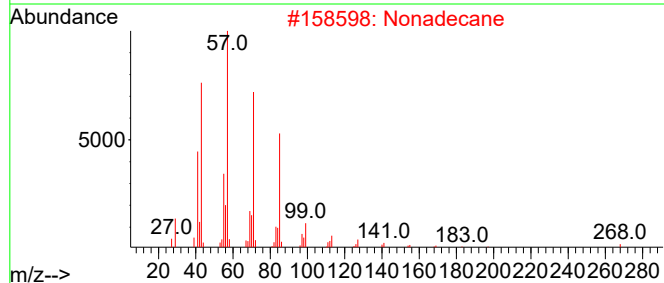
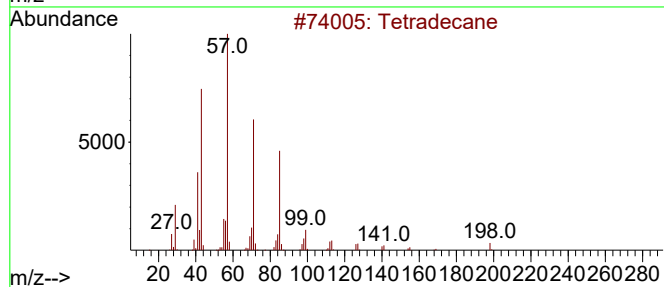
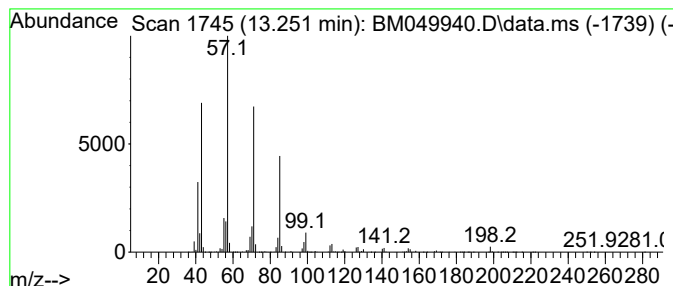
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	34.69 ng	11533300	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Nonadecane	268	C19H40	000629-92-5	90
3			Hexadecane	226	C16H34	000544-76-3	72
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

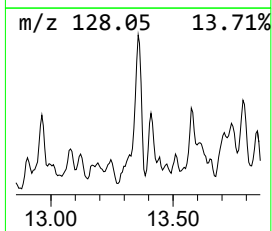
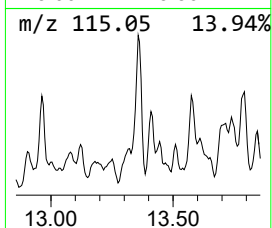
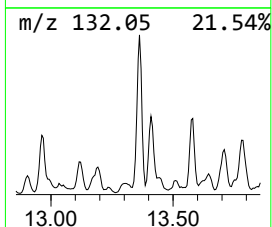
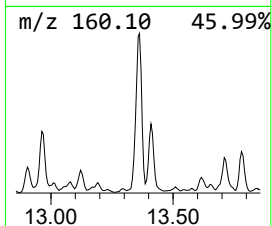
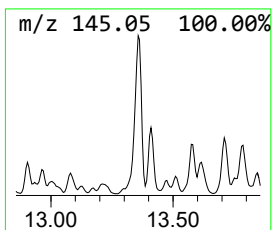
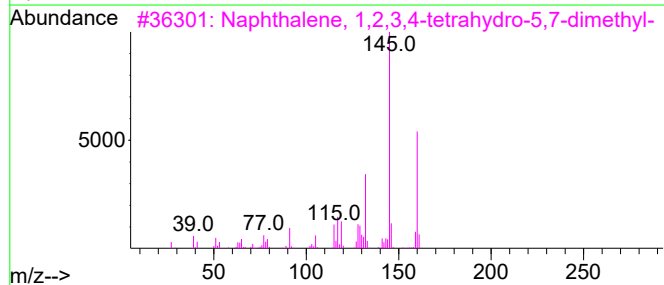
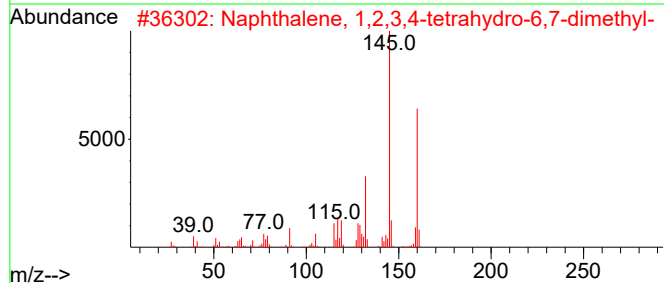
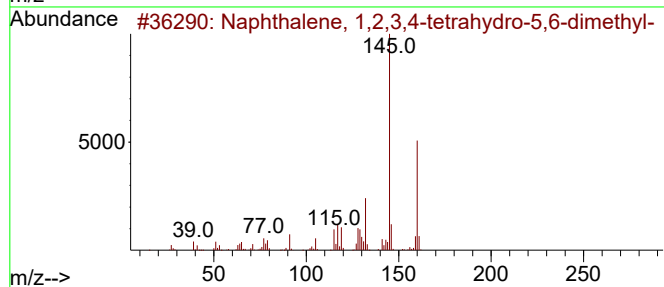
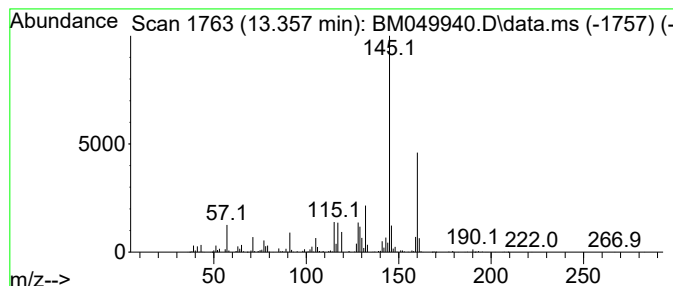
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.357	12.58 ng	4180270	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
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Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-03-041125

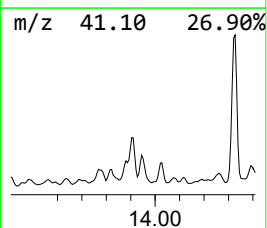
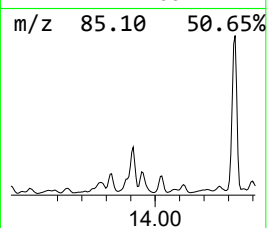
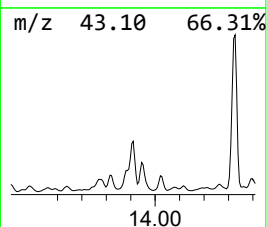
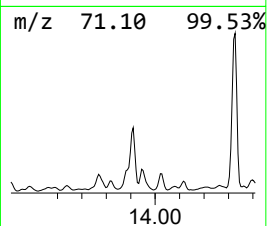
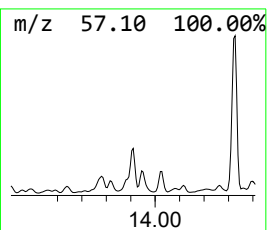
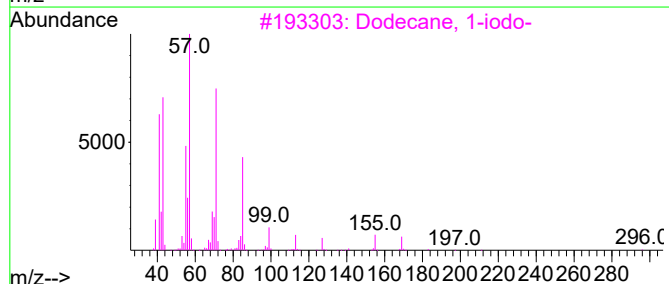
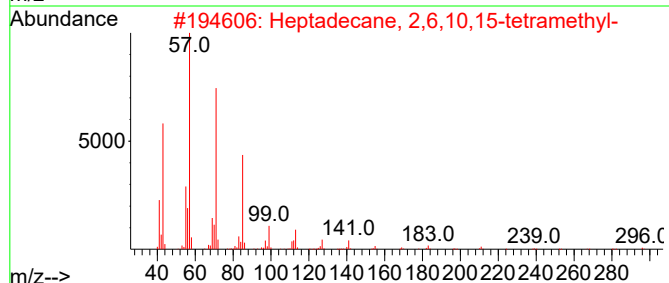
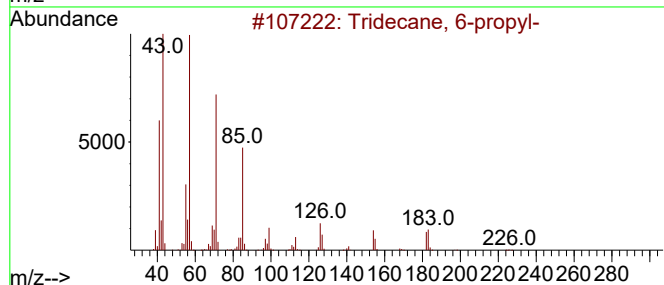
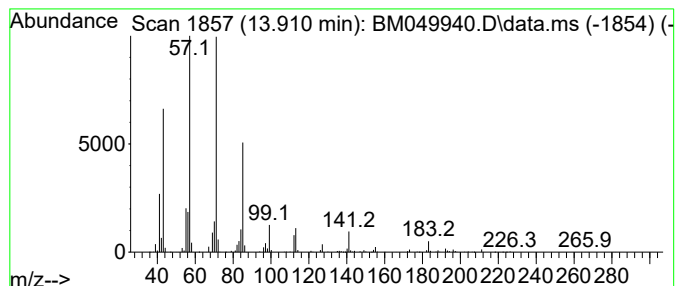
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane, 6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	13.56 ng	4507540	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
5			Decane, 5-propyl-	184	C13H28	017312-62-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
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Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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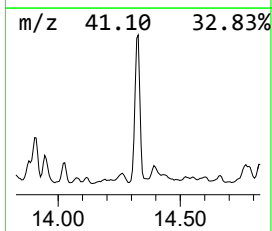
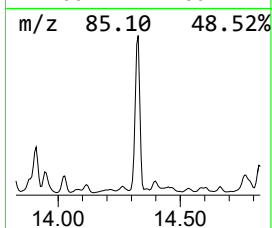
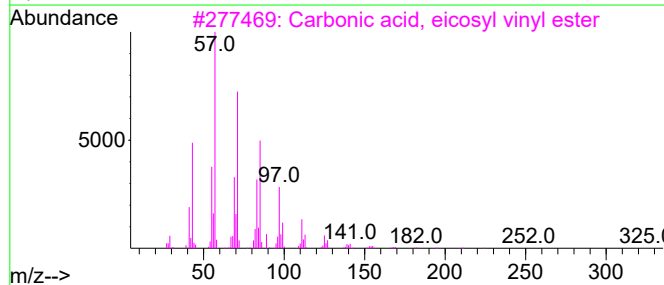
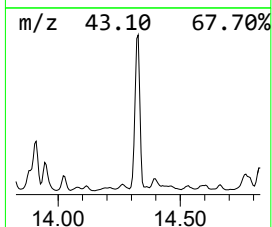
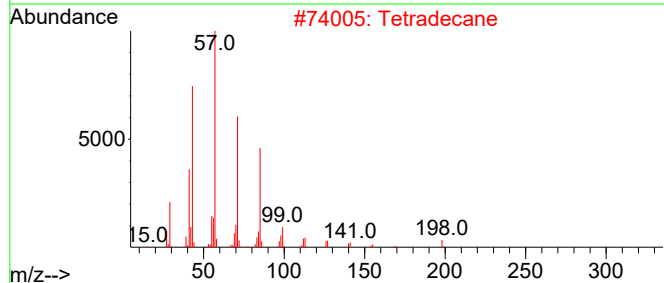
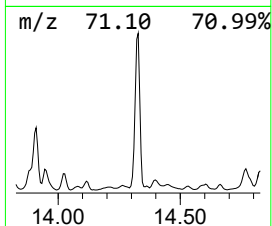
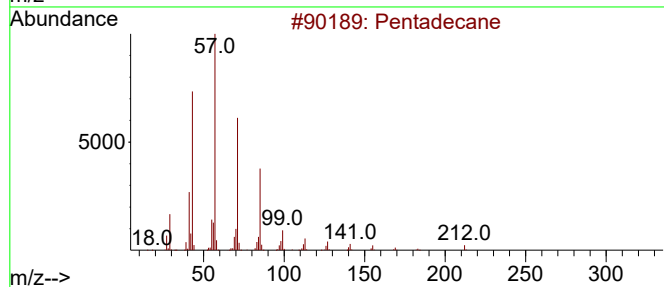
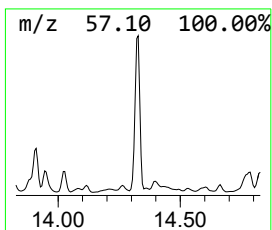
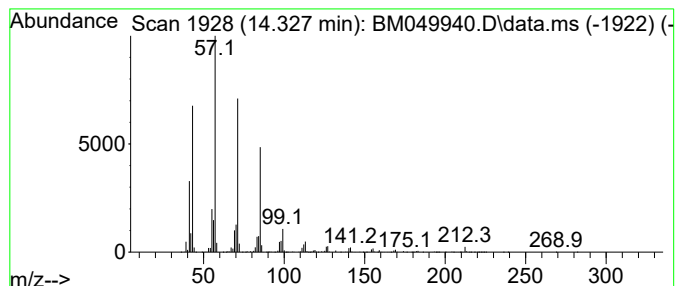
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	41.87 ng	13918100	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Tetradecane	198	C14H30	000629-59-4	91
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4			9-methylheptadecane	254	C18H38	026741-18-4	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
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Operator : RC/JU
Sample : Q1785-03 2X
Misc :
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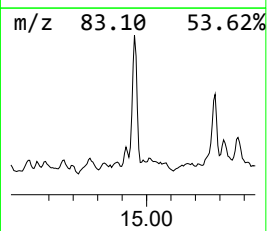
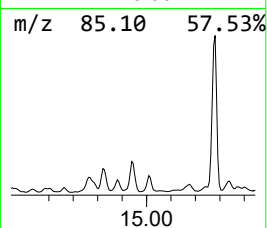
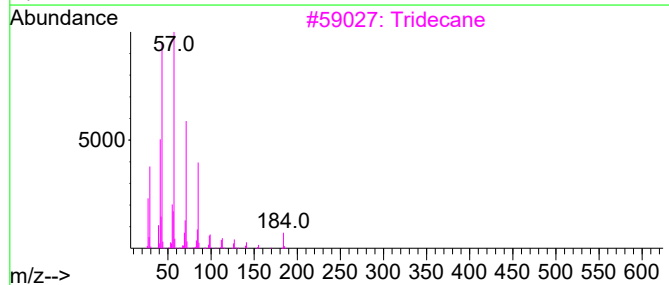
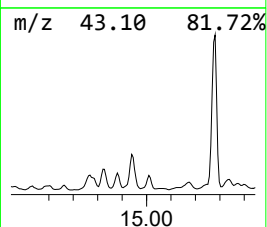
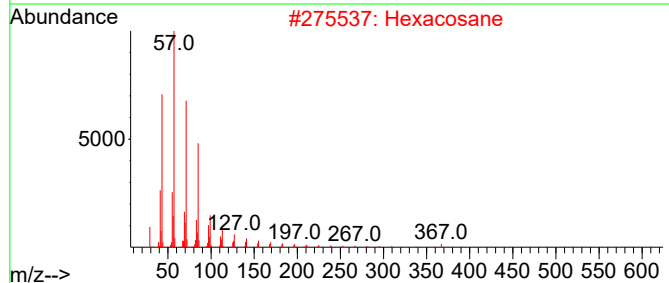
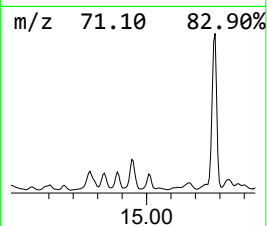
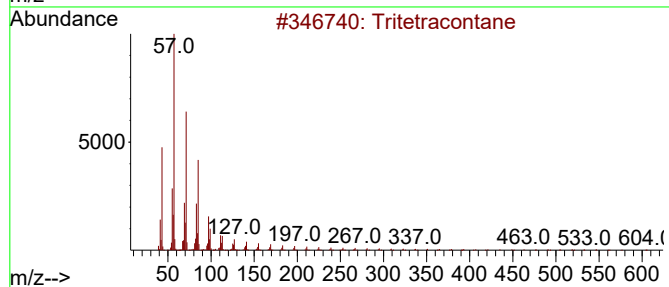
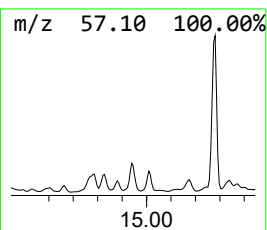
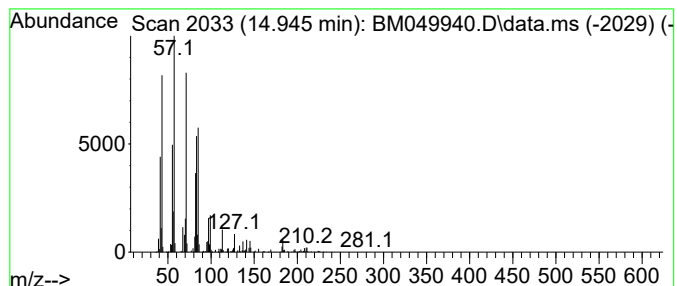
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tritetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.945	13.71 ng	4555970	Acenaphthene-d10		14.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tritetracontane		605	C43H88	007098-21-7	72
2	Hexacosane		366	C26H54	000630-01-3	64
3	Tridecane		184	C13H28	000629-50-5	64
4	Tetratetracontane		619	C44H90	007098-22-8	64
5	Heptacosane		380	C27H56	000593-49-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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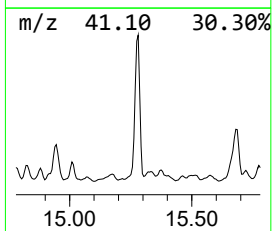
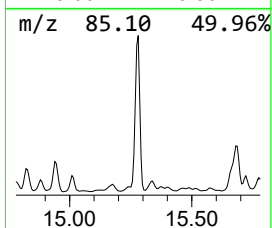
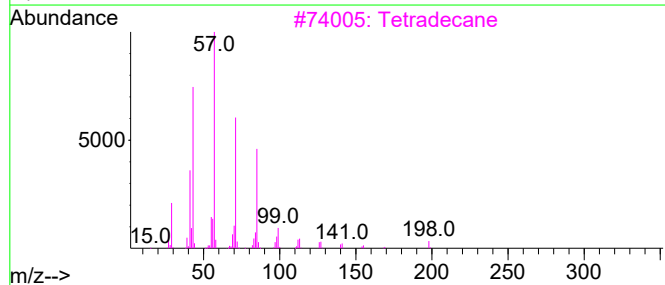
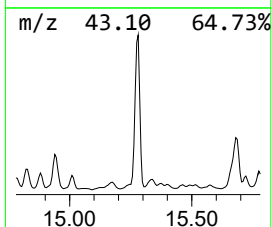
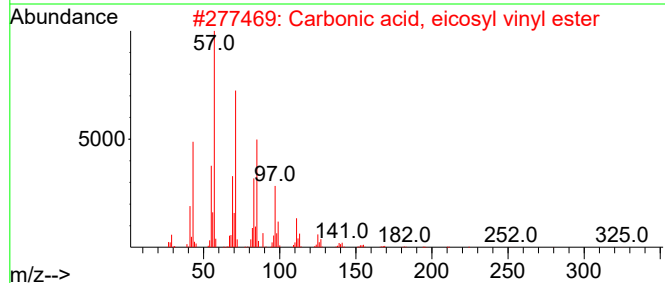
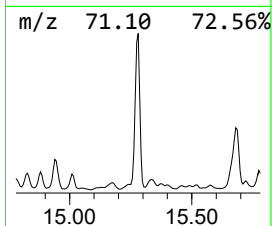
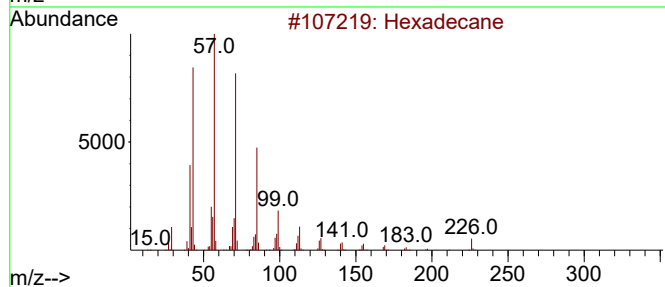
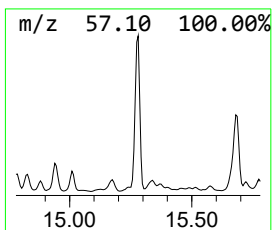
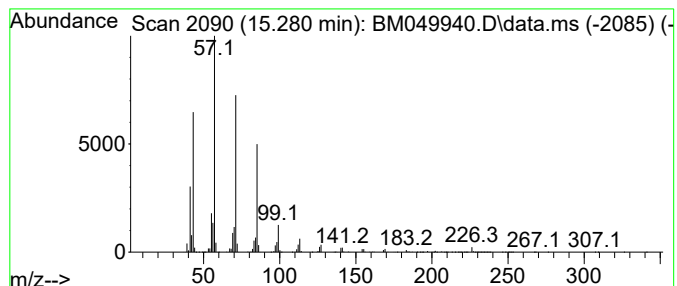
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	42.08 ng	13988600	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Nonadecane	268	C19H40	000629-92-5	74
5			Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
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Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

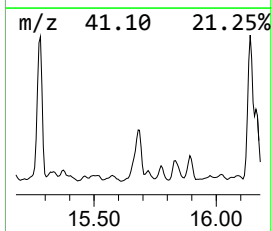
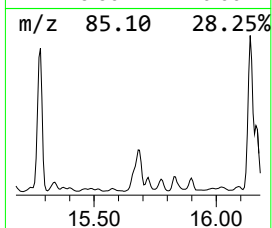
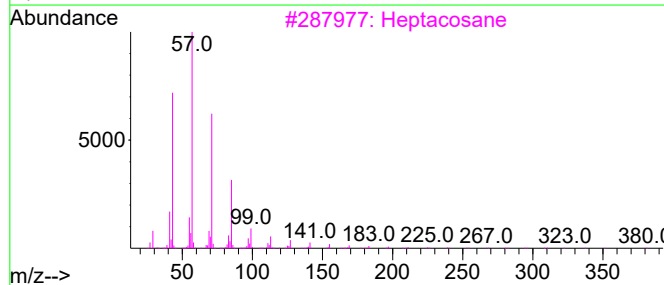
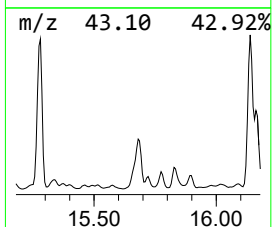
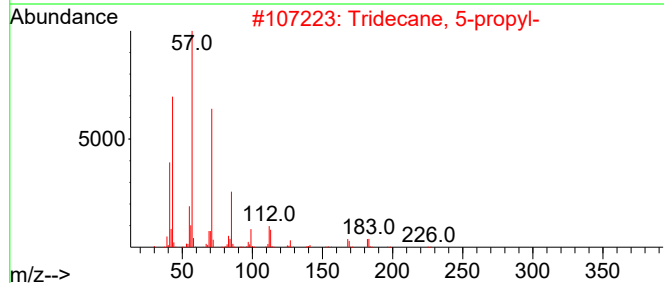
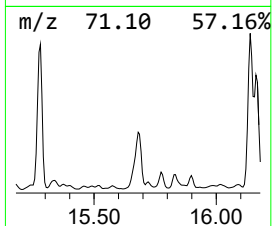
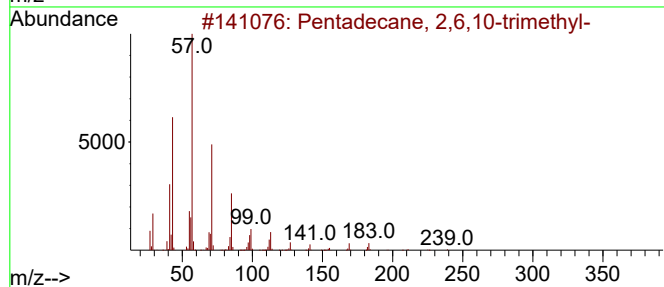
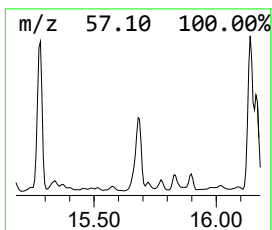
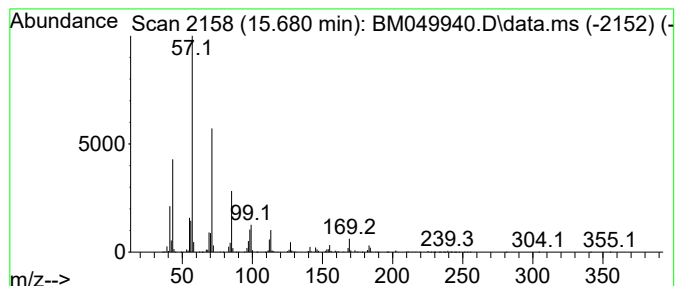
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.680	23.75 ng	7895200	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
5	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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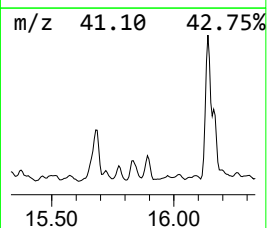
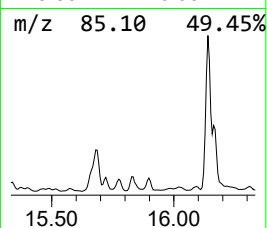
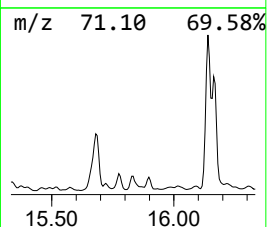
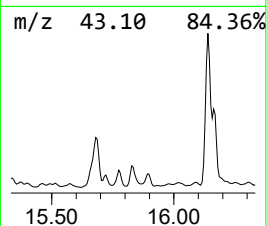
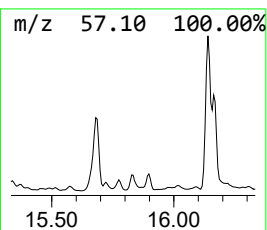
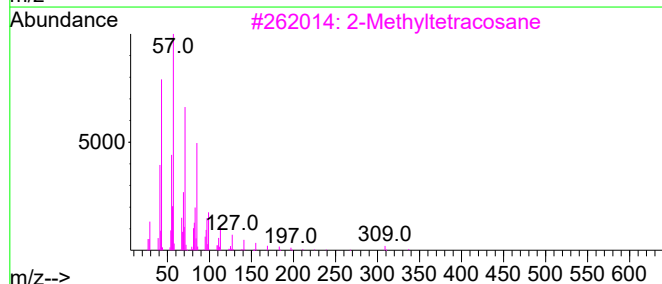
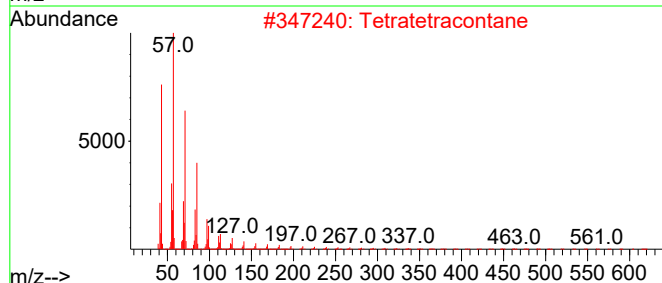
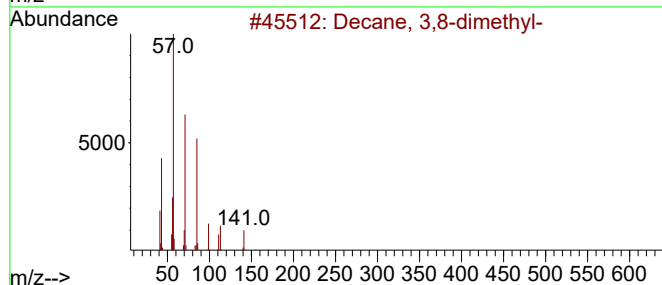
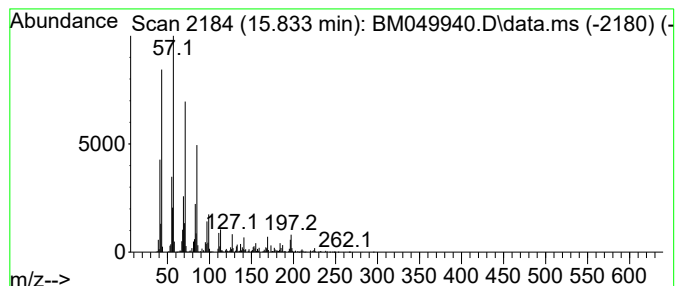
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 3,8-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	13.11 ng	2822920	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	93
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			2-Methyltetracosane	352	C25H52	001560-78-7	91
4			Tridecane	184	C13H28	000629-50-5	89
5			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-03-041125

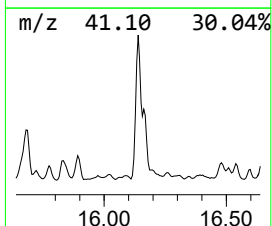
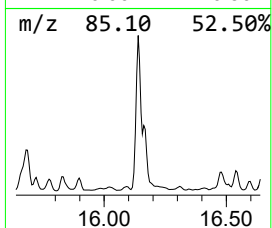
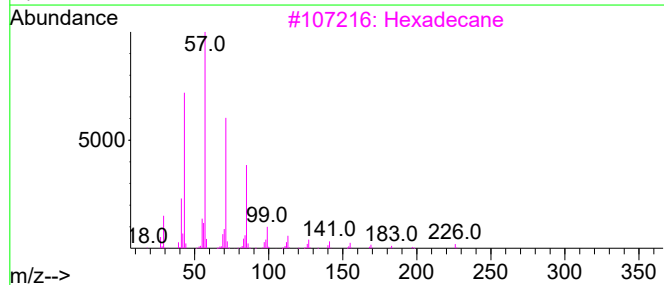
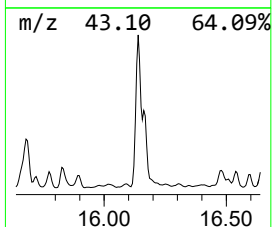
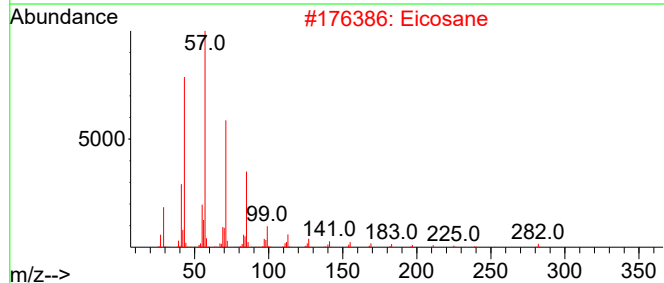
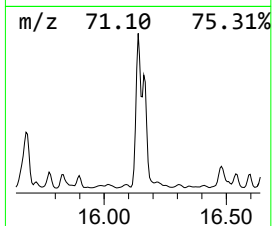
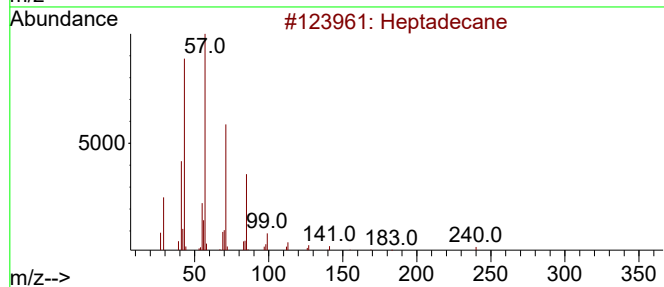
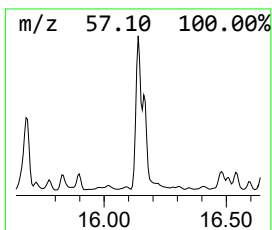
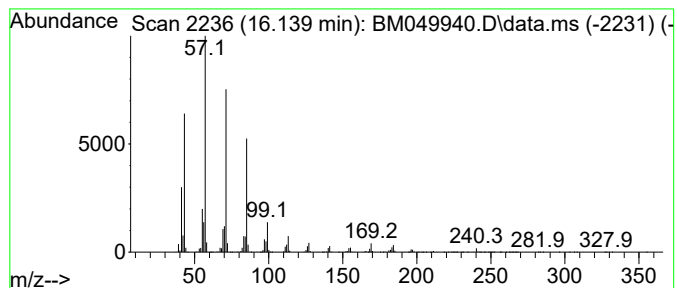
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	80.23 ng	17279100	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Eicosane	282	C20H42	000112-95-8	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-03-041125

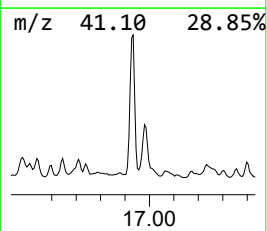
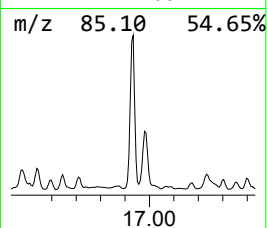
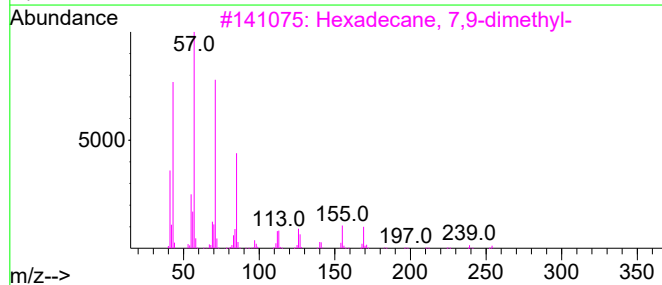
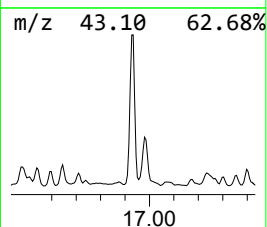
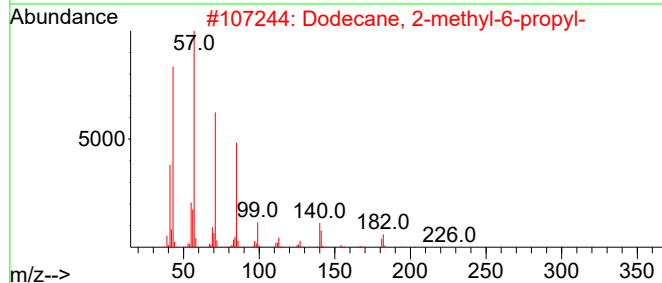
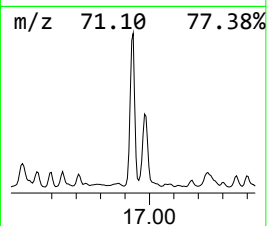
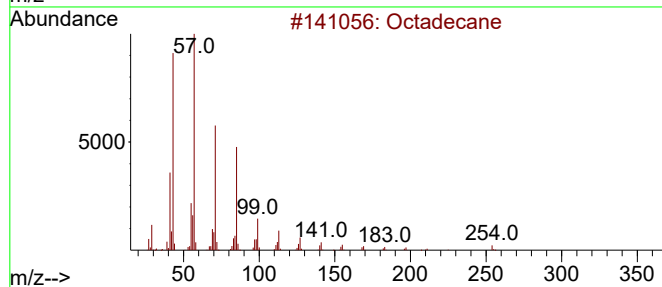
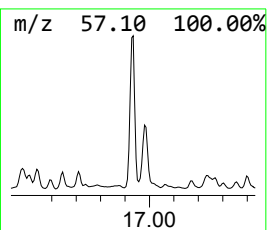
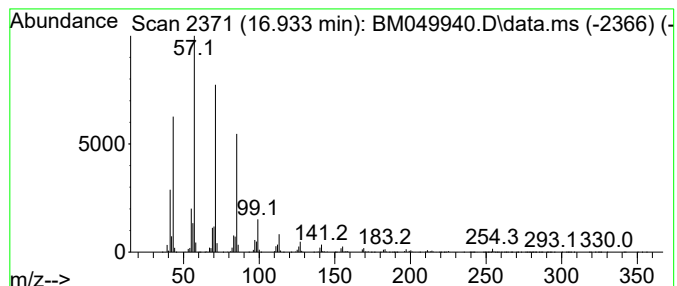
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.933	61.46 ng	13236600	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
4			Nonadecane	268	C19H40	000629-92-5	87
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-03-041125

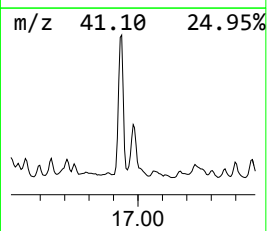
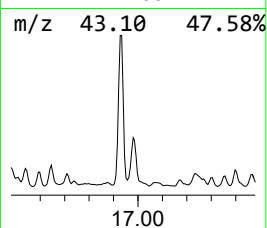
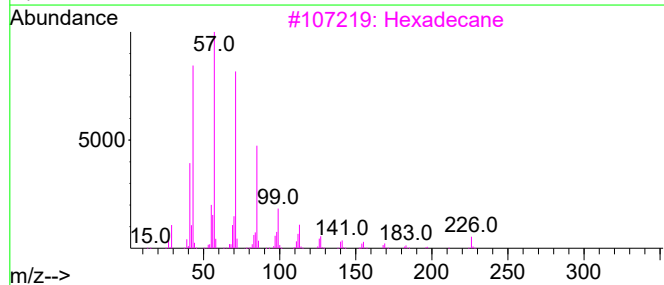
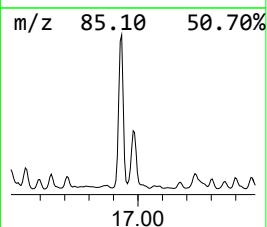
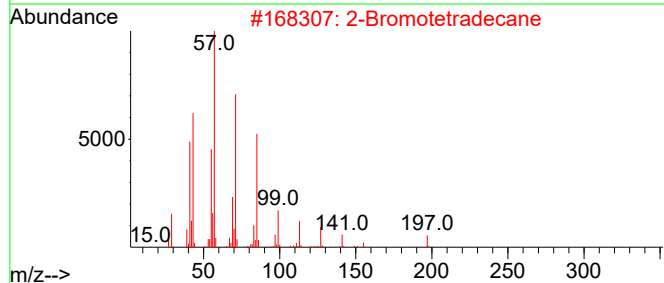
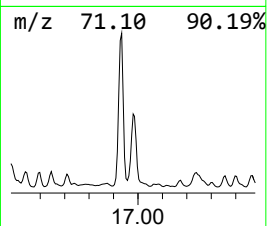
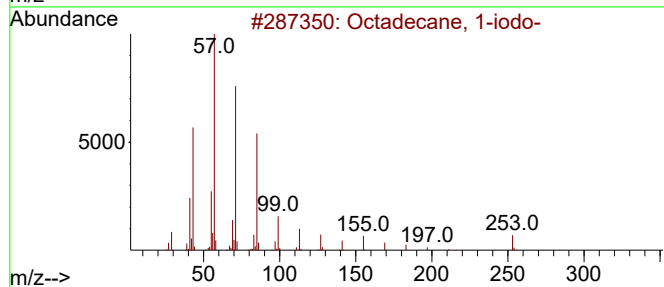
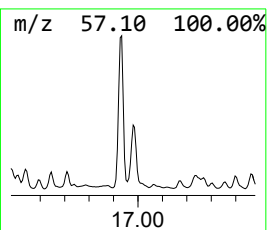
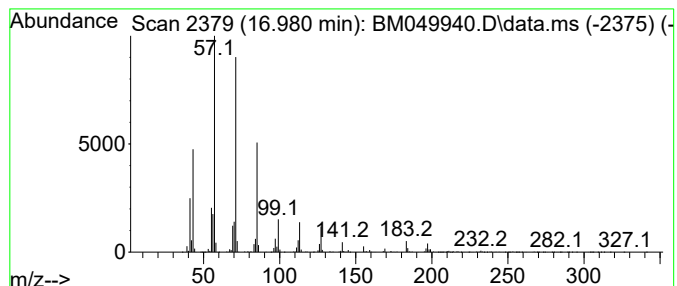
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	36.46 ng	7853770	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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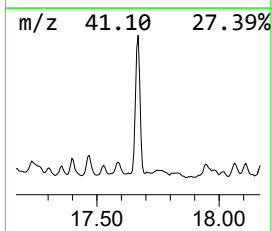
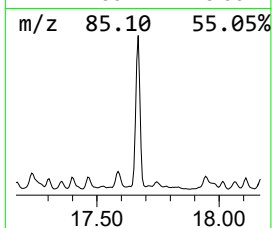
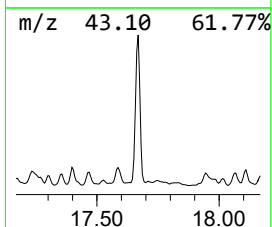
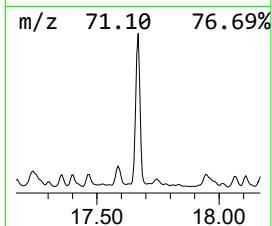
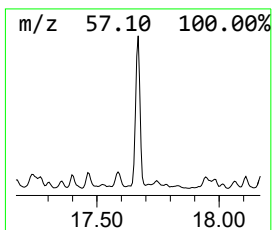
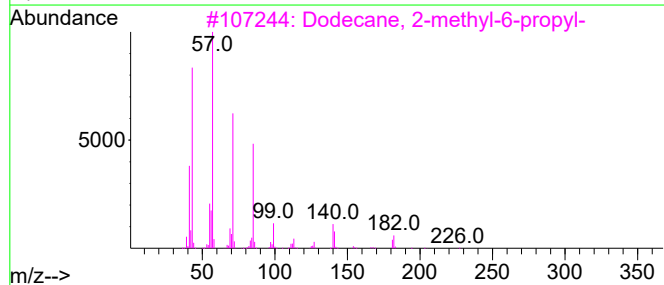
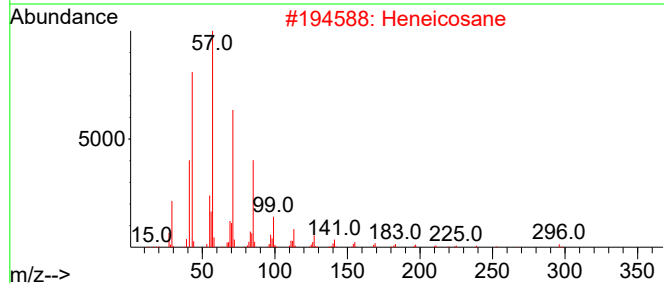
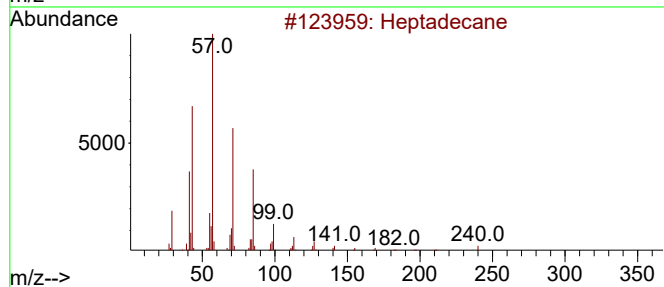
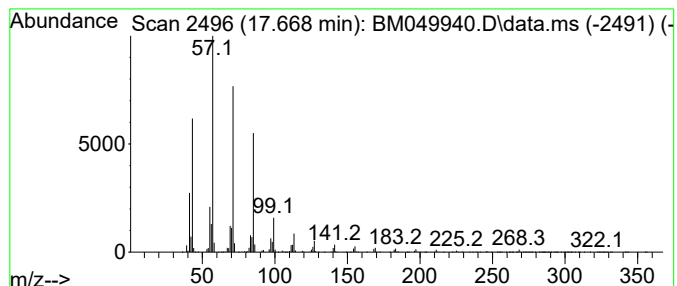
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.668	56.19 ng	12103100	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-041125

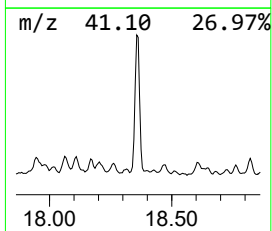
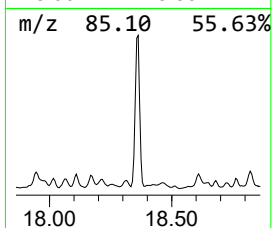
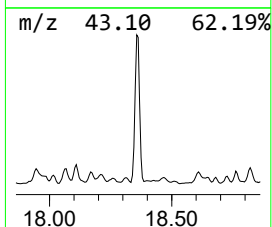
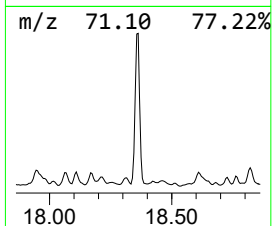
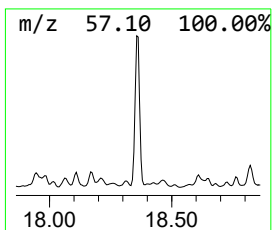
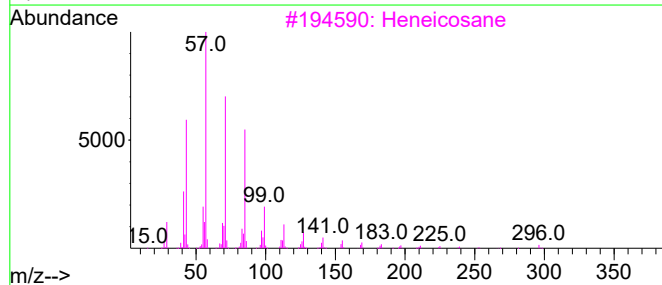
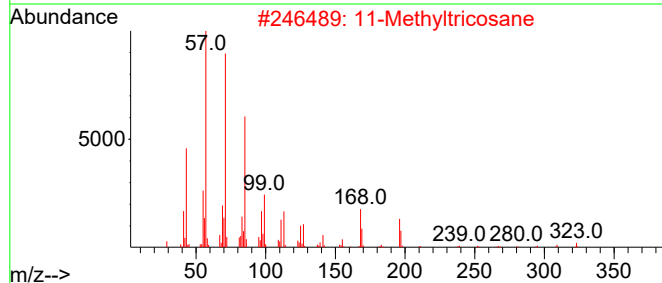
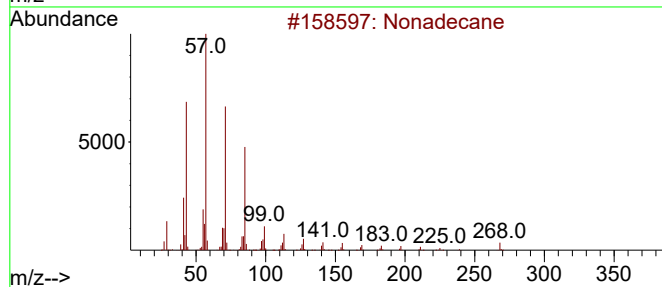
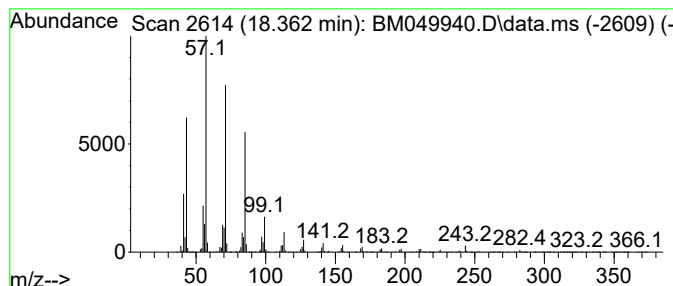
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.362	48.34 ng	10411200	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			11-Methyltricosane	338	C24H50	027538-41-6	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5			Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
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Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-03-041125

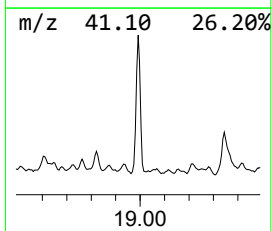
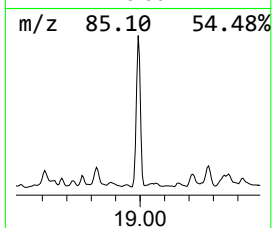
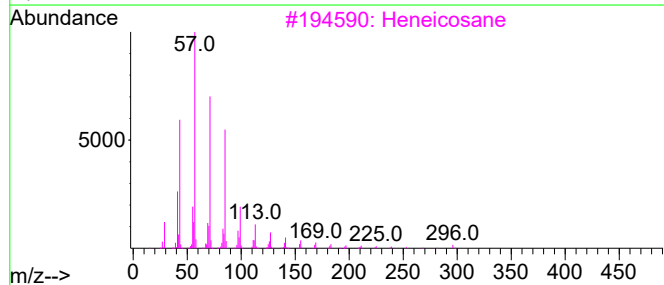
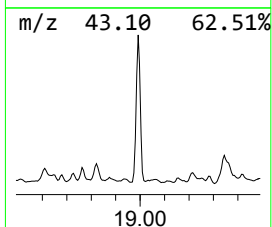
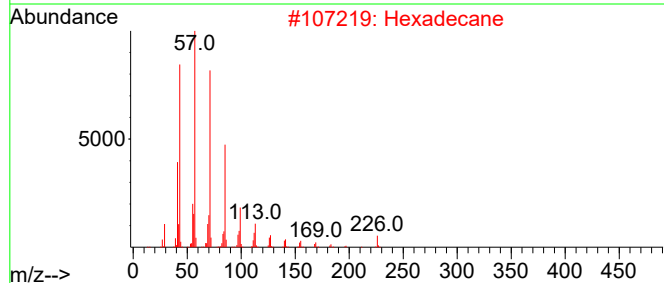
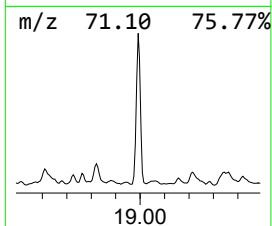
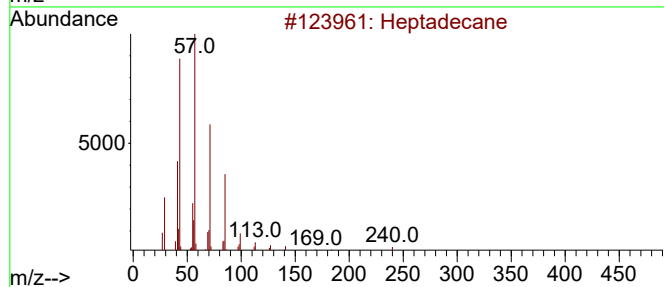
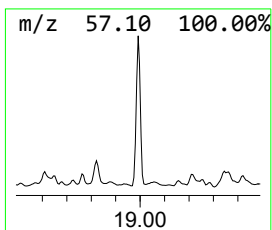
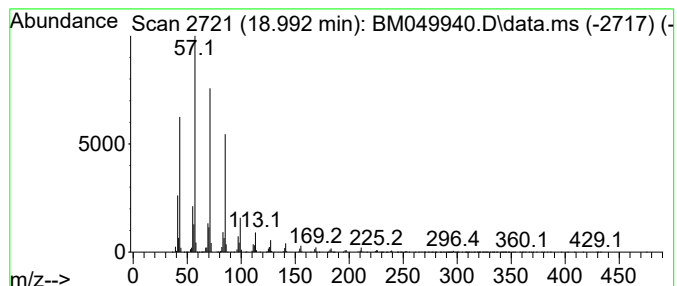
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	38.96 ng	8391030	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Hexadecane	226	C16H34	000544-76-3	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-03-041125

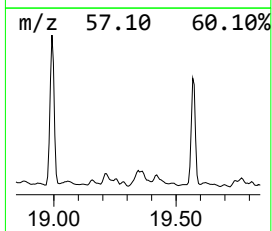
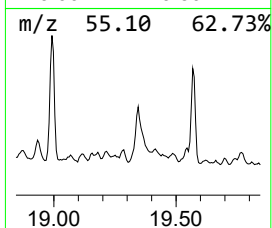
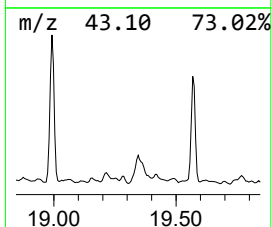
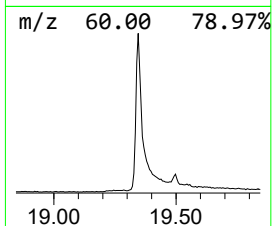
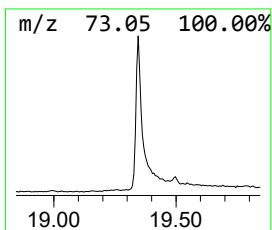
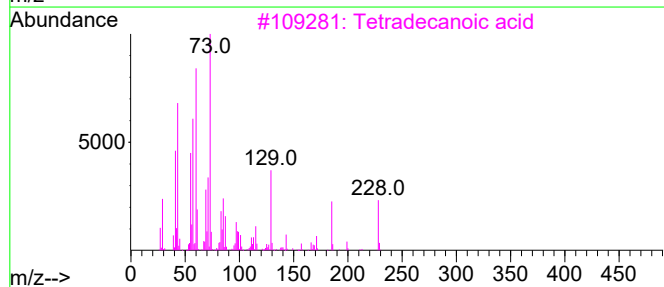
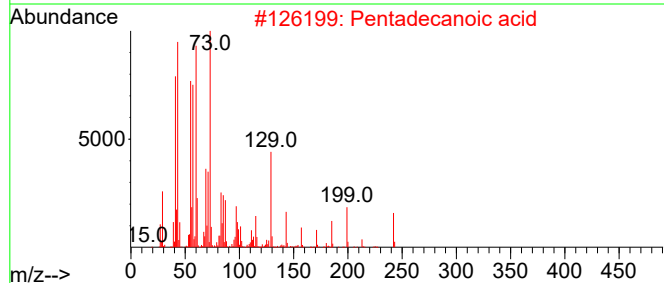
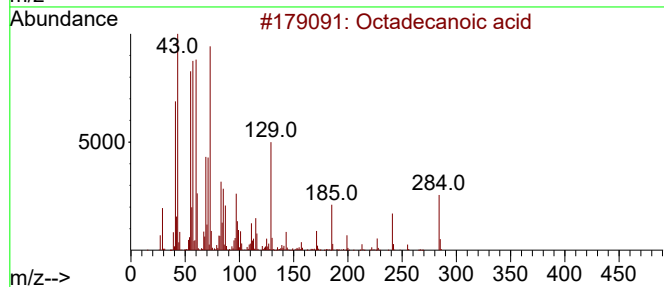
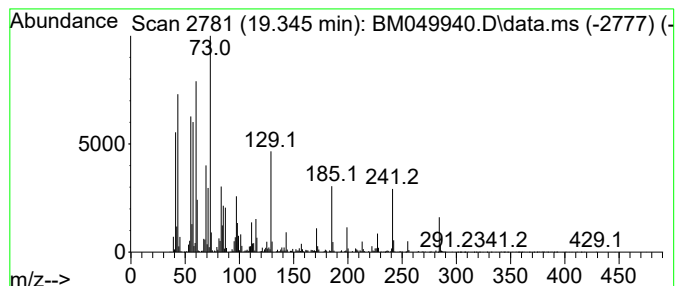
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	17.08 ng	3414500	Chrysene-d12	21.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

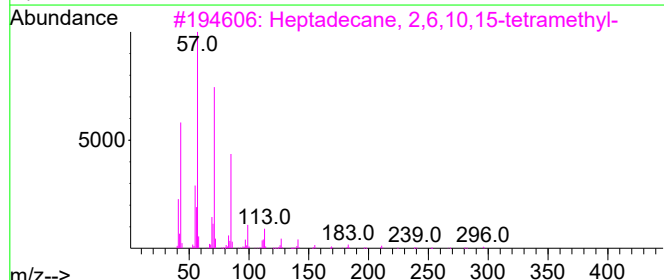
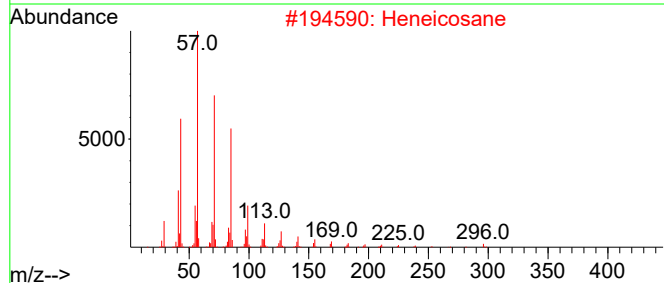
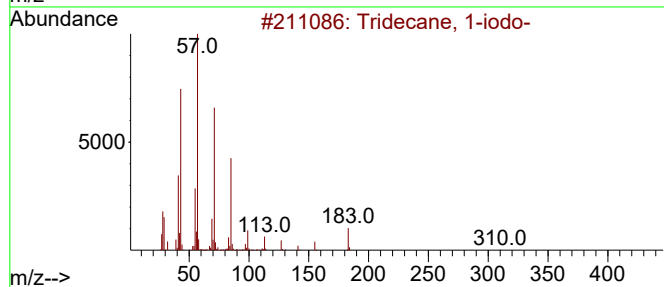
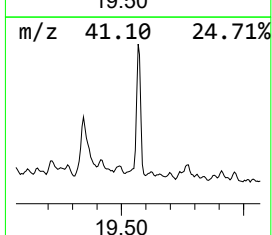
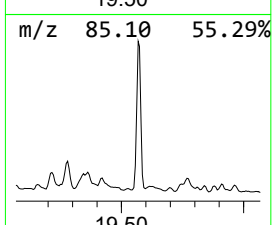
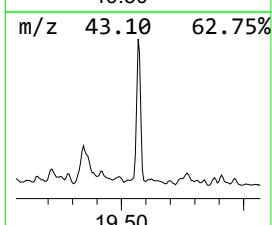
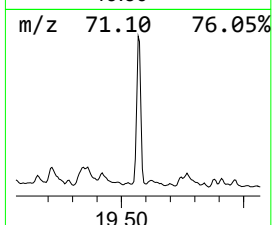
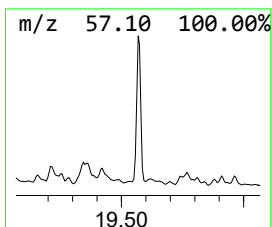
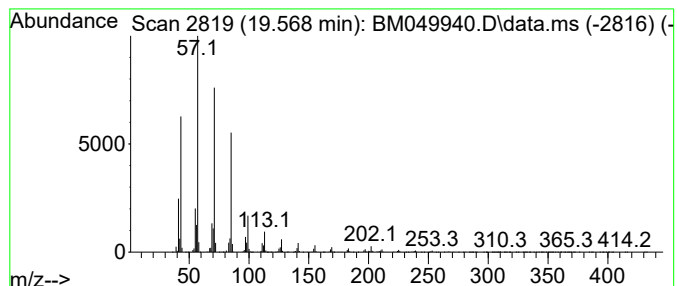
Instrument :
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ClientSampleId :
HR-03-041125

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 Tridecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.568	28.09 ng	5616690	Chrysene-d12	21.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-03-041125

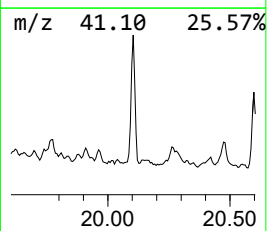
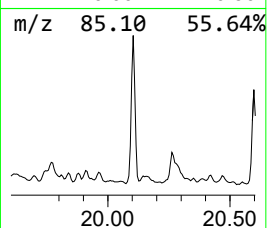
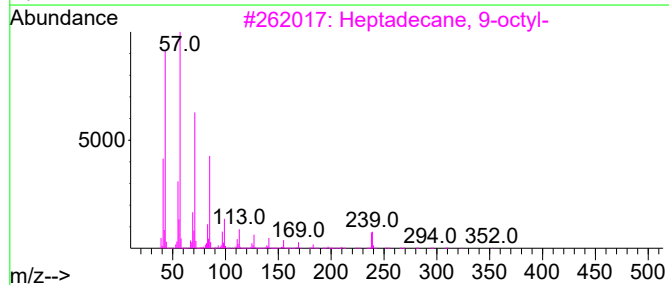
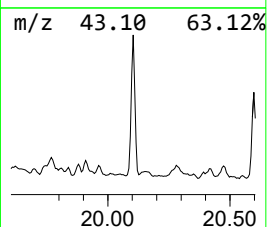
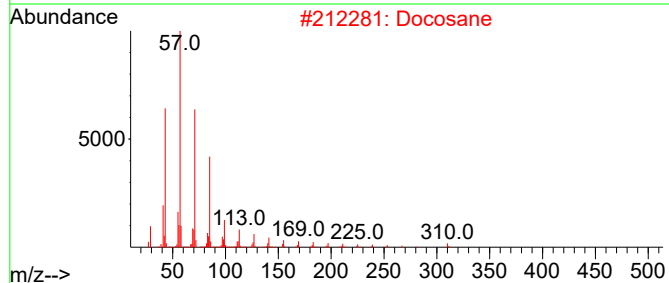
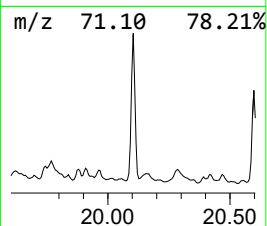
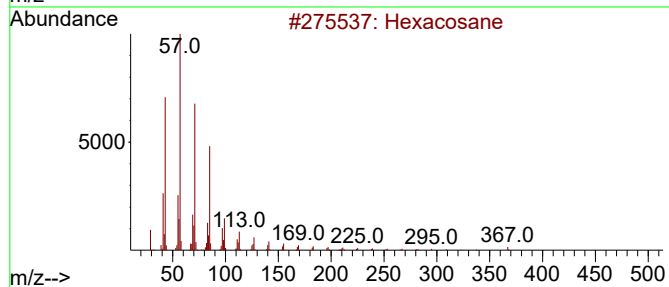
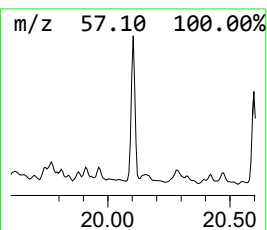
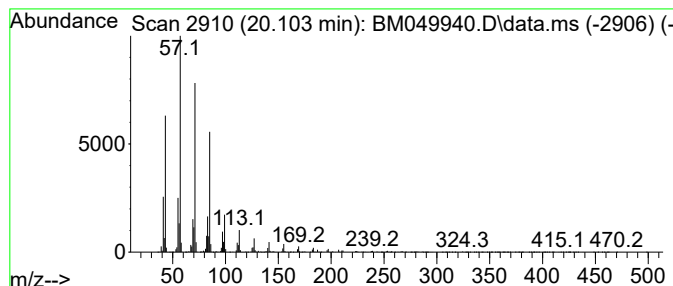
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	20.21 ng	4040300	Chrysene-d12	21.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Docosane	310	C22H46	000629-97-0	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049940.D
Acq On : 15 Apr 2025 18:32
Operator : RC/JU
Sample : Q1785-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

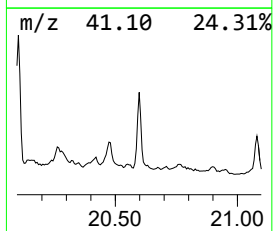
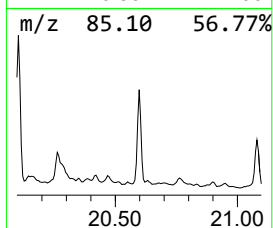
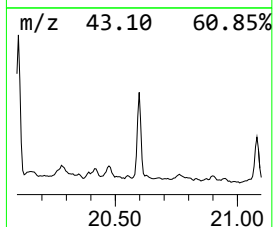
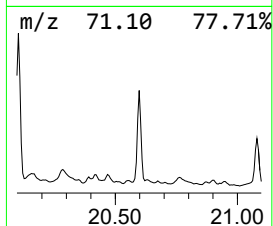
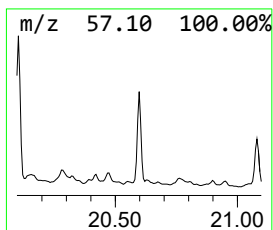
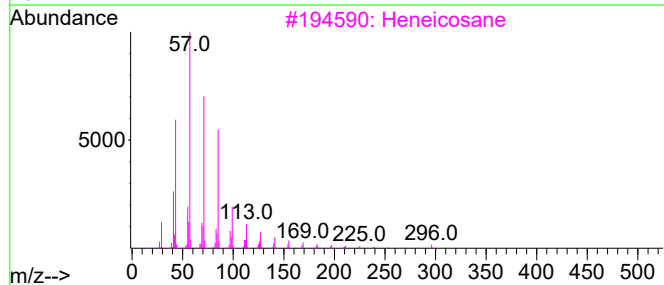
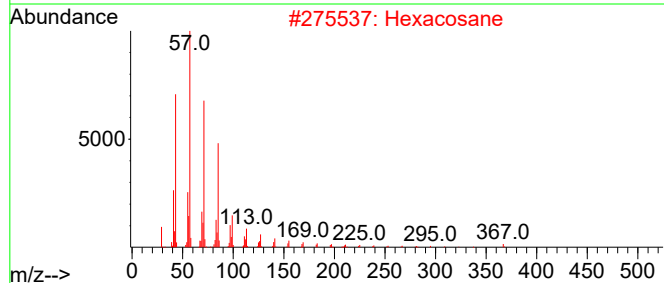
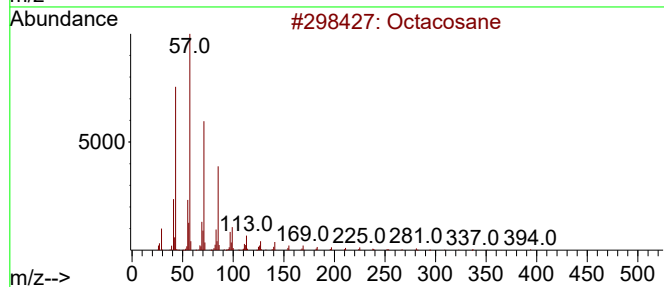
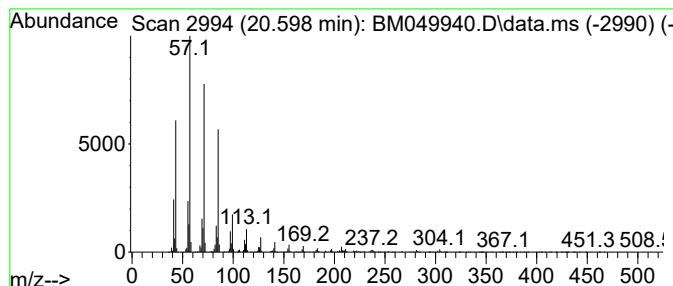
Instrument :
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ClientSampleId :
HR-03-041125

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 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.598	12.49 ng	2497550	Chrysene-d12		21.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Docosane, 11-butyl-		366	C26H54	013475-76-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049940.D
 Acq On : 15 Apr 2025 18:32
 Operator : RC/JU
 Sample : Q1785-03 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-03-041125

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	9.004	17.4	ng	2075070	1	7.769	2381510	20.0
Tridecane	11.998	23.1	ng	10393300	2	10.569	9008210	20.0
Tetradecane	13.251	34.7	ng	11533300	3	14.416	6648520	20.0
Naphthalene, 1,...	13.357	12.6	ng	4180270	3	14.416	6648520	20.0
Tridecane, 6-pr...	13.910	13.6	ng	4507540	3	14.416	6648520	20.0
Pentadecane	14.327	41.9	ng	13918100	3	14.416	6648520	20.0
Tritetracontane	14.945	13.7	ng	4555970	3	14.416	6648520	20.0
Hexadecane	15.280	42.1	ng	13988600	3	14.416	6648520	20.0
Pentadecane, 2,...	15.680	23.8	ng	7895200	3	14.416	6648520	20.0
Decane, 3,8-dim...	15.833	13.1	ng	2822920	4	17.163	4307630	20.0
Heptadecane	16.139	80.2	ng	17279100	4	17.163	4307630	20.0
Octadecane	16.933	61.5	ng	13236600	4	17.163	4307630	20.0
Octadecane, 1-i...	16.980	36.5	ng	7853770	4	17.163	4307630	20.0
Heneicosane	17.668	56.2	ng	12103100	4	17.163	4307630	20.0
Nonadecane	18.362	48.3	ng	10411200	4	17.163	4307630	20.0
Eicosane	18.992	39.0	ng	8391030	4	17.163	4307630	20.0
Octadecanoic acid	19.345	17.1	ng	3414500	5	21.398	3998740	20.0
Tridecane, 1-iodo-	19.568	28.1	ng	5616690	5	21.398	3998740	20.0
Hexacosane	20.104	20.2	ng	4040300	5	21.398	3998740	20.0
Octacosane	20.598	12.5	ng	2497550	5	21.398	3998740	20.0