

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049942.D
 Acq On : 15 Apr 2025 19:51
 Operator : RC/JU
 Sample : Q1785-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-02-041125

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: BM049942.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.363	395	404	411	rBV	847438	1295594	9.56%	0.428%
2	6.951	664	674	679	rVV3	793315	2079086	15.35%	0.687%
3	7.404	746	751	758	rVV	1621867	2405672	17.76%	0.795%
4	7.769	805	813	818	rBV2	1519502	2950013	21.78%	0.975%
5	8.322	900	907	912	rVB2	683562	1440357	10.63%	0.476%
6	8.416	918	923	925	rBV	874184	1328627	9.81%	0.439%
7	8.545	939	945	948	rBV	703496	1120712	8.27%	0.370%
8	8.881	992	1002	1006	rBV2	1197356	2446710	18.06%	0.809%
9	9.004	1019	1023	1028	rVB	3476281	4995043	36.87%	1.651%
10	9.134	1033	1045	1051	rBV7	920379	2561349	18.91%	0.847%
11	9.234	1051	1062	1065	rBV4	543396	1820320	13.44%	0.602%
12	9.416	1087	1093	1097	rBV2	464624	1052361	7.77%	0.348%
13	9.463	1097	1101	1103	rVV	736387	1138416	8.40%	0.376%
14	9.492	1103	1106	1111	rVV2	926181	1479709	10.92%	0.489%
15	9.663	1126	1135	1138	rBV2	538423	1095729	8.09%	0.362%
16	9.704	1138	1142	1146	rVV4	910540	1575243	11.63%	0.521%
17	9.757	1146	1151	1158	rVV3	997795	2425340	17.90%	0.802%
18	9.828	1158	1163	1165	rVV2	821442	1474266	10.88%	0.487%
19	9.857	1165	1168	1172	rVB2	966576	1353509	9.99%	0.447%
20	9.922	1173	1179	1183	rVV2	1246568	2069072	15.27%	0.684%
21	9.975	1183	1188	1190	rVV3	1255048	2261301	16.69%	0.747%
22	10.004	1190	1193	1196	rVV2	1171747	1863263	13.75%	0.616%
23	10.039	1196	1199	1204	rVV2	830543	1221556	9.02%	0.404%
24	10.104	1206	1210	1215	rVV2	824862	1553352	11.47%	0.513%
25	10.157	1216	1219	1223	rVV4	641837	1061817	7.84%	0.351%
26	10.204	1223	1227	1233	rVB2	1150214	1802819	13.31%	0.596%
27	10.275	1234	1239	1243	rBV	649334	1051323	7.76%	0.347%
28	10.357	1248	1253	1258	rBV3	519596	896274	6.62%	0.296%
29	10.551	1278	1286	1294	rBV2	6242938	11535245	85.16%	3.813%
30	10.686	1305	1309	1314	rVV3	1021140	2201408	16.25%	0.728%
31	10.739	1314	1318	1323	rVV	1958037	2943737	21.73%	0.973%
32	10.798	1323	1328	1335	rVV5	729392	1673800	12.36%	0.553%
33	11.033	1364	1368	1372	rBV	787474	1219818	9.00%	0.403%
34	11.233	1398	1402	1404	rBV2	707473	1035937	7.65%	0.342%
35	11.275	1405	1409	1417	rVV5	1179309	2713679	20.03%	0.897%
36	11.339	1417	1420	1426	rVB3	802061	1367883	10.10%	0.452%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.416	1427	1433	1439	rBV3	1459792	2487184	18.36%	0.822%
38	11.492	1439	1446	1452	rBV3	1807765	3573261	26.38%	1.181%
39	11.604	1459	1465	1474	rBV3	2338407	4953801	36.57%	1.637%
40	11.680	1474	1478	1484	rVB2	719389	1293862	9.55%	0.428%
41	11.763	1487	1492	1500	rVB2	2550733	4285102	31.63%	1.416%
42	12.004	1523	1533	1538	rBV	6283225	10526957	77.71%	3.479%
43	12.122	1549	1553	1559	rVB2	1188696	2218954	16.38%	0.733%
44	12.227	1563	1571	1579	rVB6	1209677	3293910	24.32%	1.089%
45	12.445	1604	1608	1611	rVV4	630659	1091108	8.05%	0.361%
46	12.492	1611	1616	1621	rVV	2511042	4459627	32.92%	1.474%
47	12.533	1621	1623	1626	rVV3	654036	876922	6.47%	0.290%
48	12.633	1637	1640	1644	rVV3	1054900	1589425	11.73%	0.525%
49	12.680	1644	1648	1655	rVV3	988297	2068887	15.27%	0.684%
50	12.745	1655	1659	1662	rVV2	1245307	1759640	12.99%	0.582%
51	12.816	1666	1671	1676	rVB2	1179933	2197770	16.22%	0.726%
52	12.904	1682	1686	1691	rBV4	1514331	2637230	19.47%	0.872%
53	12.963	1691	1696	1701	rVV3	3141985	4425772	32.67%	1.463%
54	13.033	1705	1708	1712	rVB	867871	1100712	8.13%	0.364%
55	13.122	1720	1723	1729	rVB6	633190	967616	7.14%	0.320%
56	13.204	1729	1737	1739	rBV3	591517	1314207	9.70%	0.434%
57	13.251	1739	1745	1752	rVB	7519940	11661722	86.09%	3.854%
58	13.363	1757	1764	1769	rVV2	1766124	4022945	29.70%	1.330%
59	13.410	1769	1772	1776	rVB3	1090606	1494482	11.03%	0.494%
60	13.580	1796	1801	1808	rBV6	803230	1718394	12.69%	0.568%
61	13.698	1816	1821	1826	rBV4	904358	2286539	16.88%	0.756%
62	13.786	1833	1836	1840	rVB3	978050	1276229	9.42%	0.422%
63	13.880	1849	1852	1854	rBV2	1468840	1903142	14.05%	0.629%
64	13.910	1854	1857	1860	rVV2	2982483	3984837	29.42%	1.317%
65	13.945	1860	1863	1869	rVB3	1662923	2265800	16.73%	0.749%
66	14.327	1922	1928	1933	rBV	9380902	12269163	90.57%	4.055%
67	14.416	1935	1943	1953	rVV3	2532468	6130103	45.25%	2.026%
68	14.786	1999	2006	2009	rBV4	926803	2153470	15.90%	0.712%
69	14.827	2009	2013	2018	rVB3	1340695	1978585	14.61%	0.654%
70	14.880	2019	2022	2027	rBV2	674508	1103449	8.15%	0.365%
71	14.945	2029	2033	2041	rVB5	2152428	3745441	27.65%	1.238%
72	15.010	2041	2044	2047	rBV	787804	1002545	7.40%	0.331%
73	15.280	2085	2090	2094	rVB	8768364	11580716	85.49%	3.828%
74	15.374	2103	2106	2115	rVB4	812237	1670667	12.33%	0.552%
75	15.510	2125	2129	2134	rVB5	539407	1179503	8.71%	0.390%
76	15.686	2152	2159	2163	rVB	3378811	6074524	44.84%	2.008%

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77	15.774	2171	2174	2180	rVB2	1267580	1853189	13.68%	0.613%
78	15.833	2180	2184	2190	rBV3	1208779	2223841	16.42%	0.735%
79	15.898	2191	2195	2205	rVB4	1635989	3068747	22.65%	1.014%
80	15.974	2205	2208	2213	rBV5	463867	877891	6.48%	0.290%
81	16.139	2231	2236	2239	rBV	9155638	13546144	100.00%	4.477%
82	16.480	2290	2294	2297	rBV	765317	1129148	8.34%	0.373%
83	16.933	2366	2371	2375	rBV	8071654	10316759	76.16%	3.410%
84	16.986	2375	2380	2390	rVB	3376155	6014263	44.40%	1.988%
85	17.162	2406	2410	2415	rBV2	2547449	3771326	27.84%	1.246%
86	17.398	2448	2450	2457	rVB2	715367	894629	6.60%	0.296%
87	17.468	2459	2462	2468	rVB2	807935	1134955	8.38%	0.375%
88	17.586	2479	2482	2491	rVB2	895720	1375732	10.16%	0.455%
89	17.668	2491	2496	2501	rVB	7593941	9336868	68.93%	3.086%
90	17.945	2540	2543	2548	rBV3	542847	925372	6.83%	0.306%
91	18.362	2609	2614	2618	rBV	6175271	7772112	57.38%	2.569%
92	18.821	2689	2692	2698	rBV2	660362	896630	6.62%	0.296%
93	18.992	2717	2721	2728	rVB	5219924	6037524	44.57%	1.996%
94	19.574	2816	2820	2824	rVB2	3651664	3990152	29.46%	1.319%
95	19.786	2853	2856	2861	rVB	1772049	2064577	15.24%	0.682%
96	20.103	2907	2910	2915	rVB	2474282	2725290	20.12%	0.901%
97	20.262	2935	2937	2947	rVB2	594317	1016725	7.51%	0.336%
98	20.598	2991	2994	2999	rBV	1449881	1618329	11.95%	0.535%
99	21.403	3127	3131	3137	rVB	2513241	3519290	25.98%	1.163%
100	24.415	3637	3643	3663	rVB	1831185	5309451	39.20%	1.755%

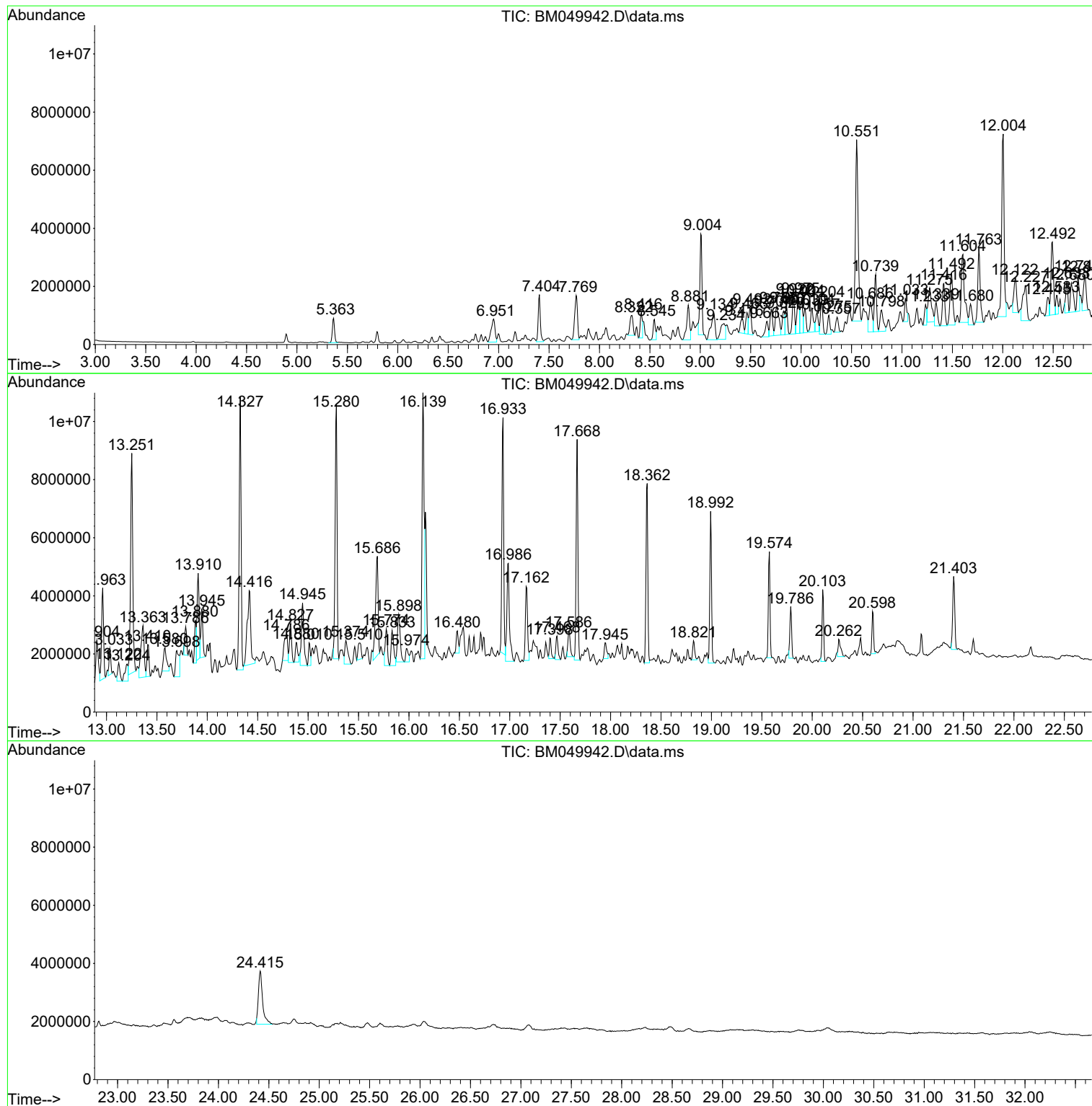
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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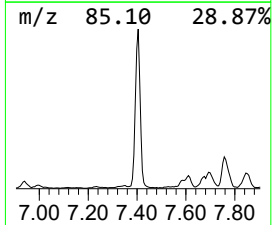
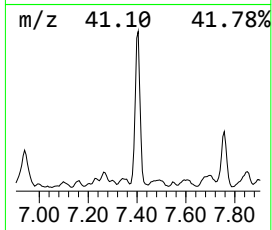
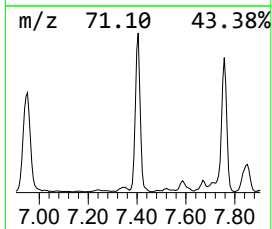
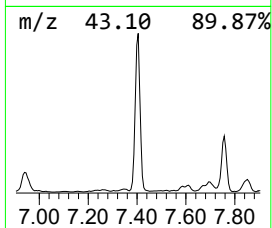
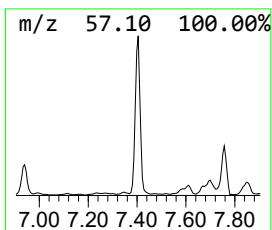
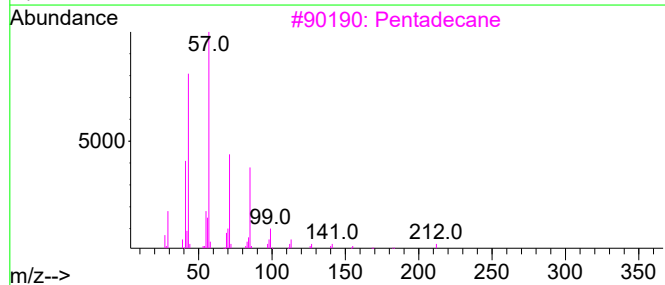
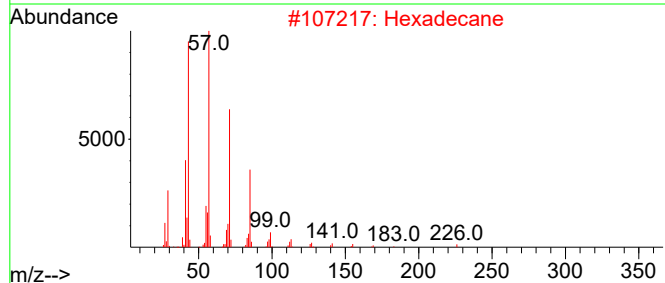
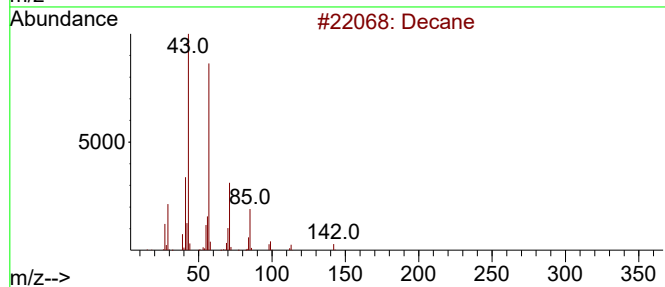
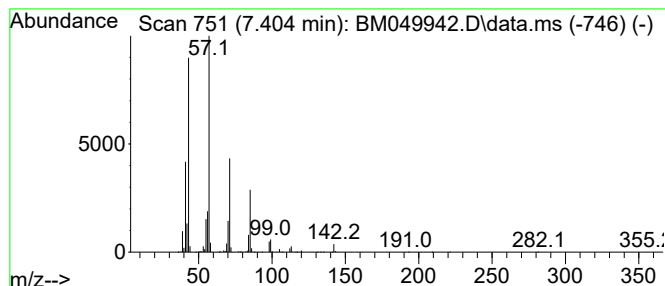
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.404	16.31 ng	2405670	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Hexadecane	226	C16H34	000544-76-3	83
3			Pentadecane	212	C15H32	000629-62-9	83
4			Tetradecane	198	C14H30	000629-59-4	83
5			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83



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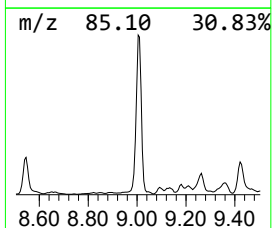
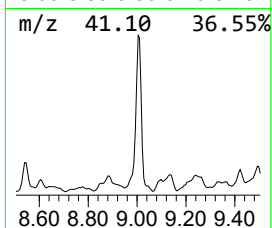
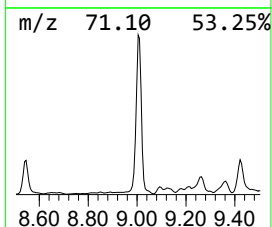
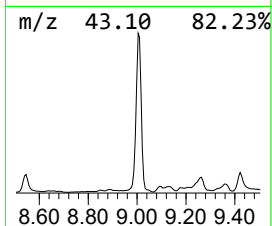
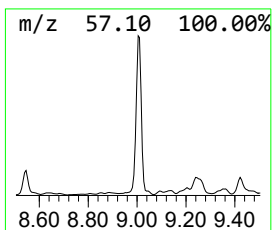
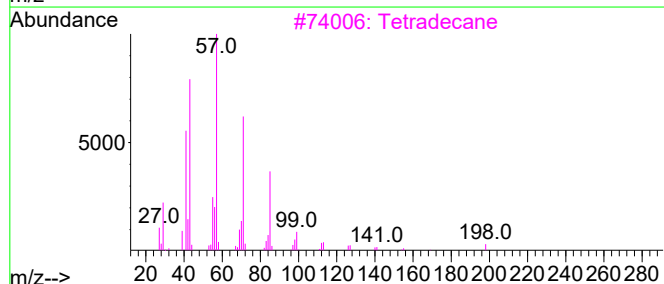
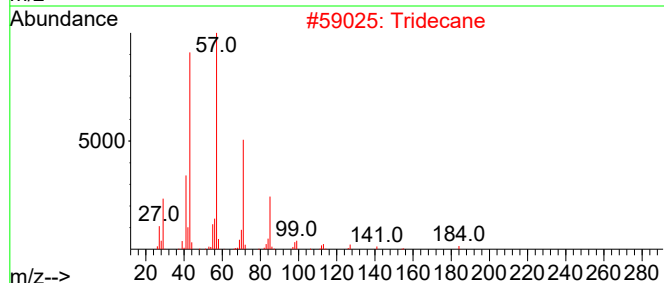
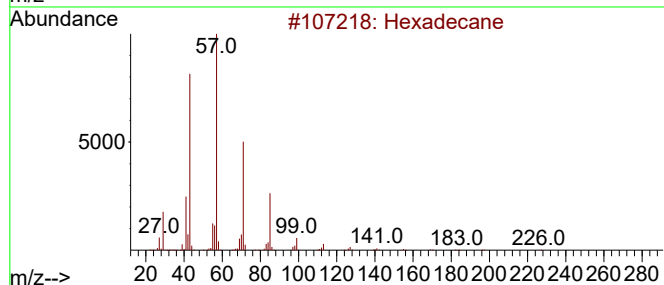
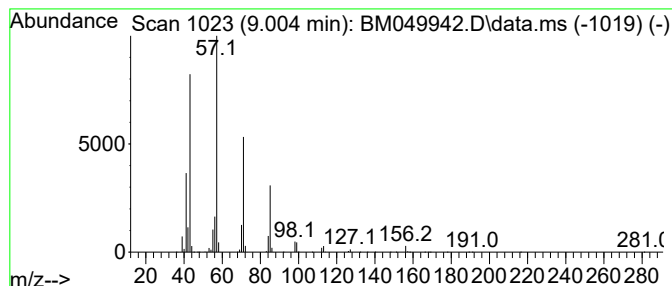
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.004	33.86 ng	4995040	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Tridecane	184	C13H28	000629-50-5	86
3			Tetradecane	198	C14H30	000629-59-4	83
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
5			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	83



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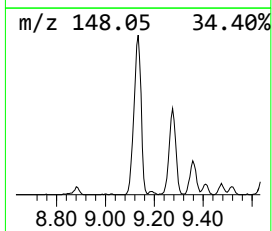
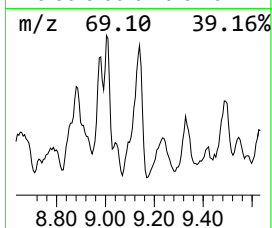
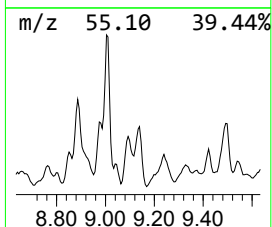
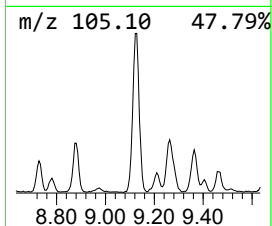
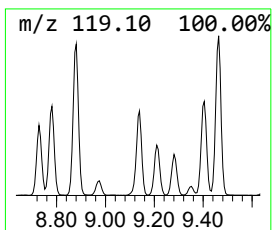
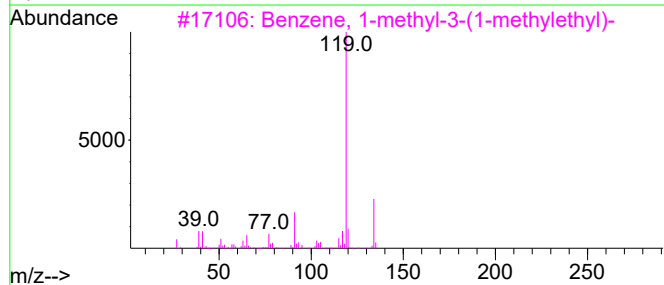
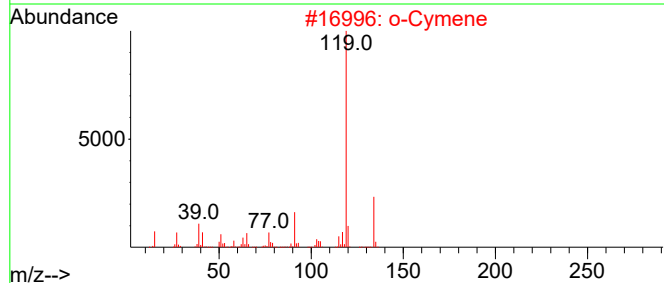
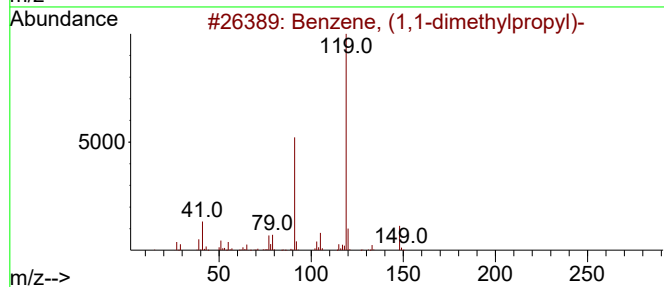
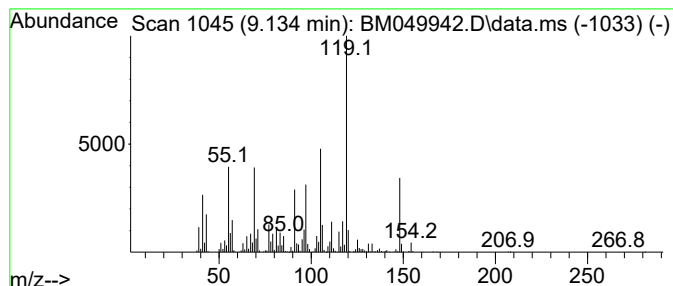
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, (1,1-dimethylpropyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.134	17.36 ng	2561350	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
2			o-Cymene	134	C10H14	000527-84-4	55
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	49
4			4'-Methylpropiophenone	148	C10H12O	005337-93-9	49
5			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
Acq On : 15 Apr 2025 19:51
Operator : RC/JU
Sample : Q1785-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-041125

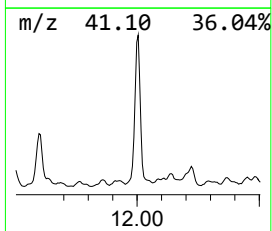
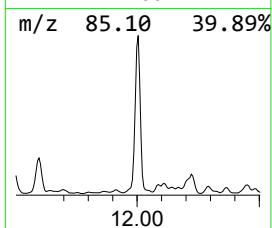
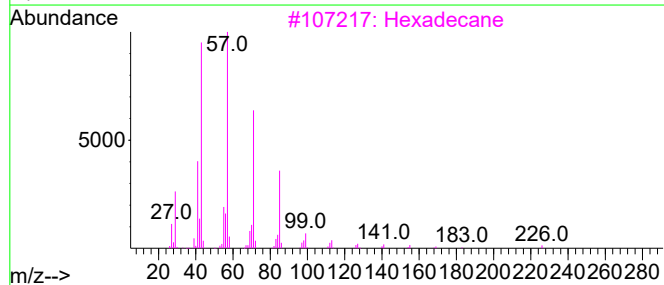
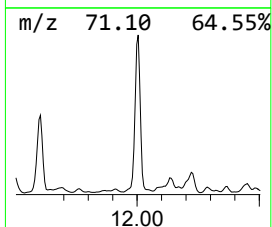
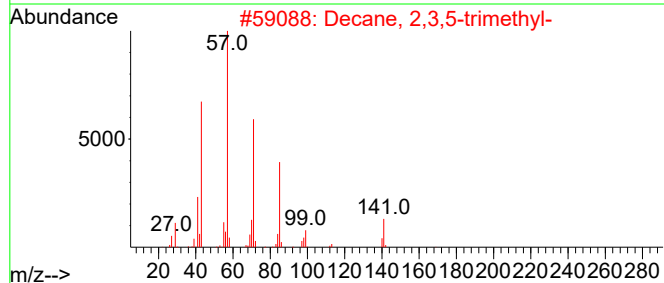
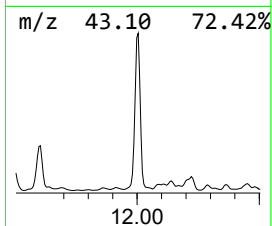
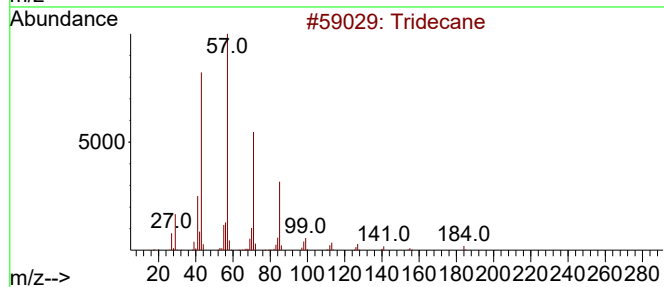
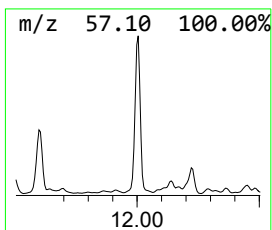
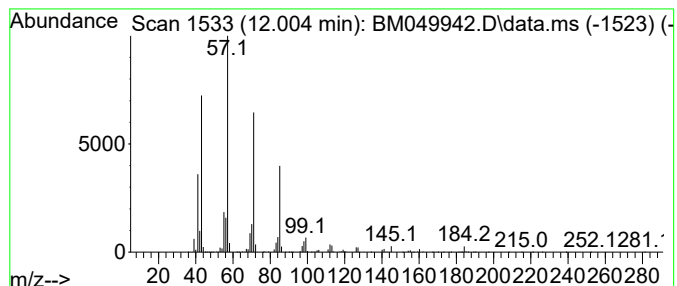
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	18.25 ng	10527000	Naphthalene-d8	10.569

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3		Hexadecane	226	C16H34	000544-76-3	83
4		Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	83
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
Acq On : 15 Apr 2025 19:51
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Sample : Q1785-01 5X
Misc :
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Instrument :
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ClientSampleId :
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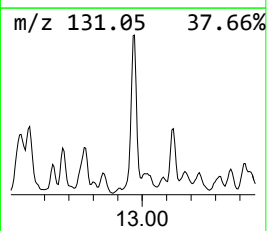
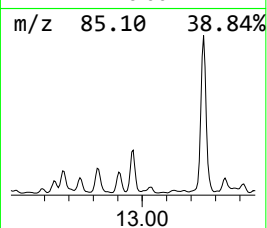
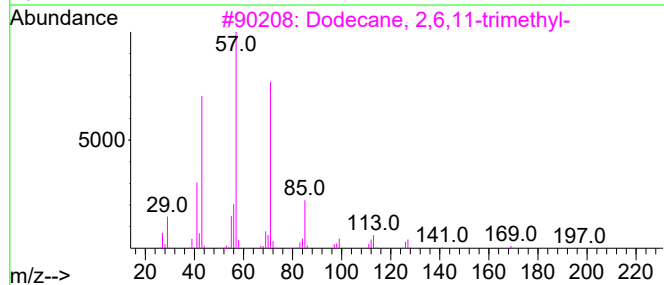
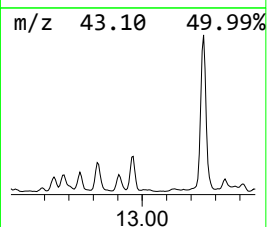
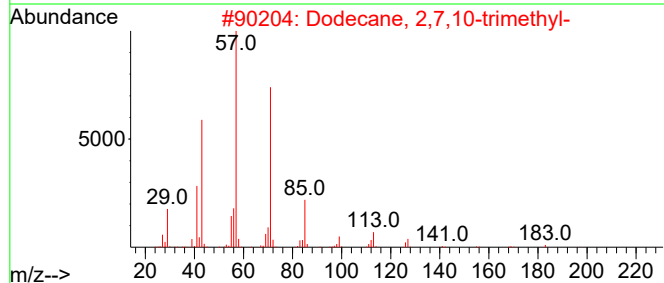
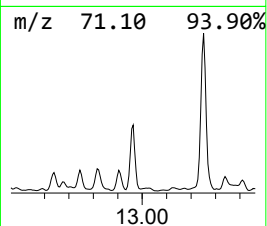
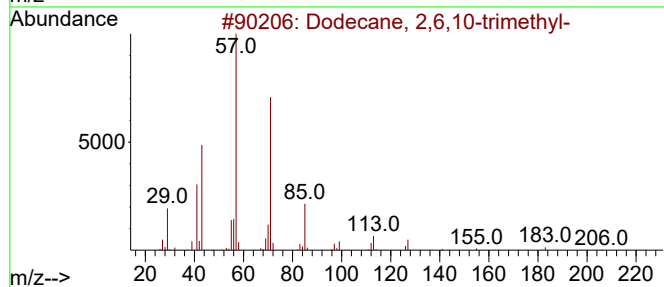
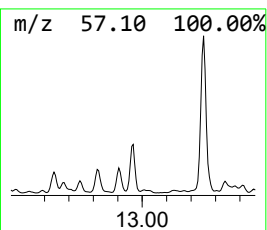
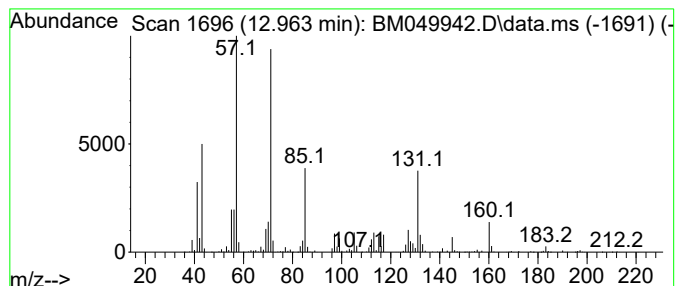
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	14.44 ng	4425770	Acenaphthene-d10	14.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
4			Decane, 5-propyl-	184	C13H28	017312-62-8	58
5			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
Acq On : 15 Apr 2025 19:51
Operator : RC/JU
Sample : Q1785-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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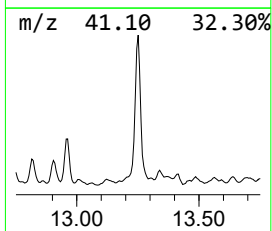
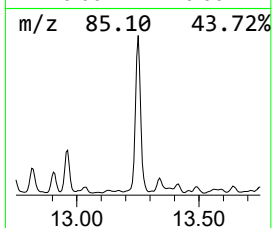
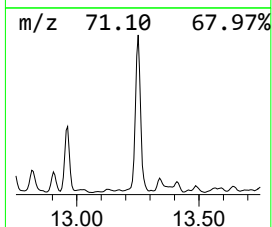
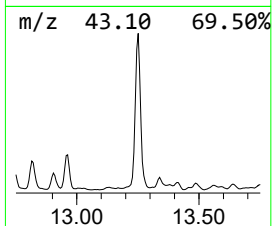
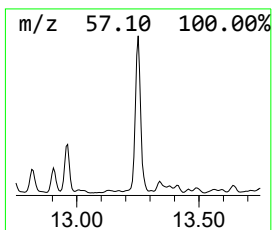
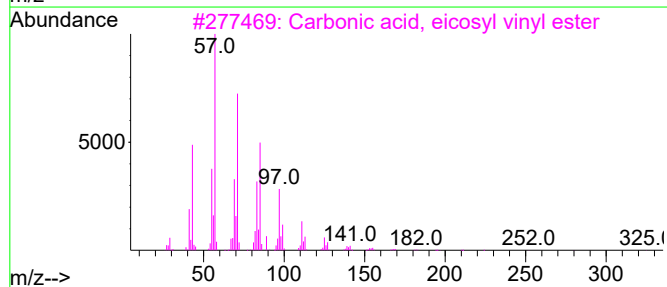
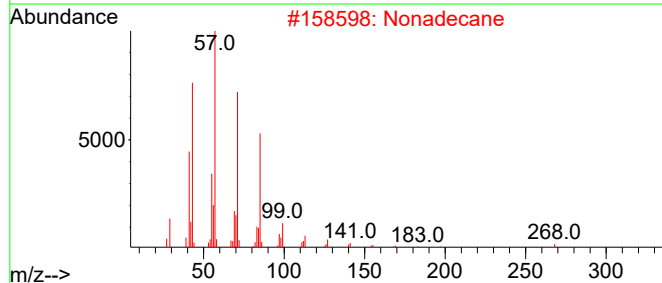
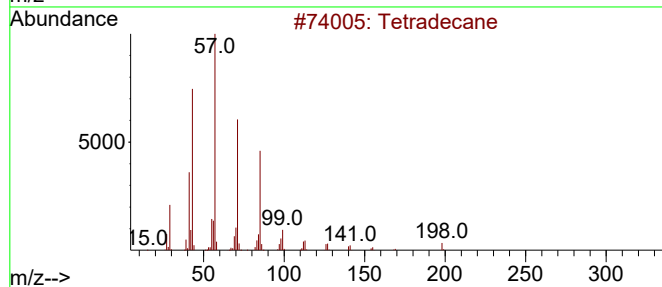
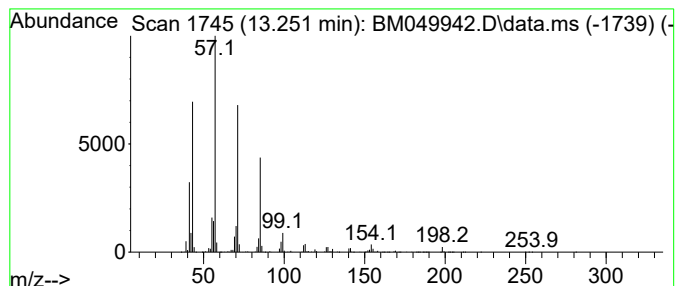
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	38.05 ng	11661700	Acenaphthene-d10	14.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Nonadecane	268	C19H40	000629-92-5	90
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5			Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
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Sample : Q1785-01 5X
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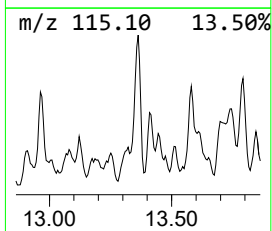
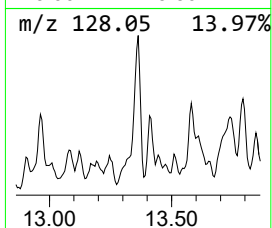
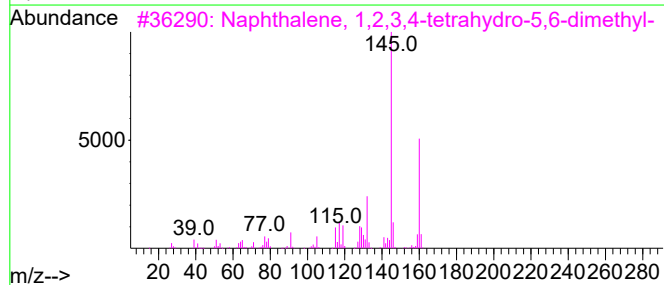
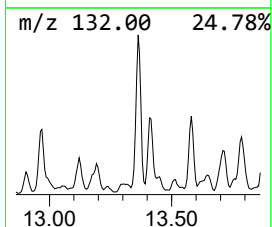
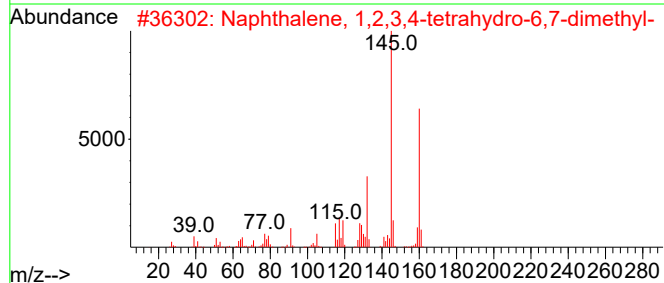
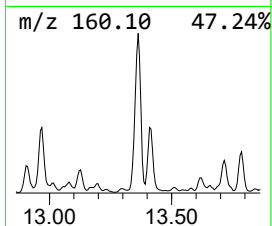
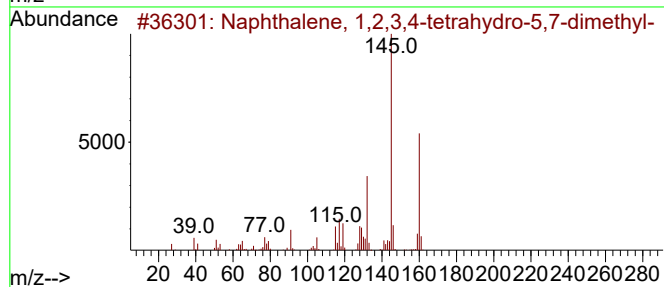
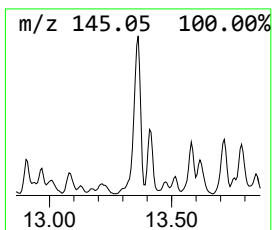
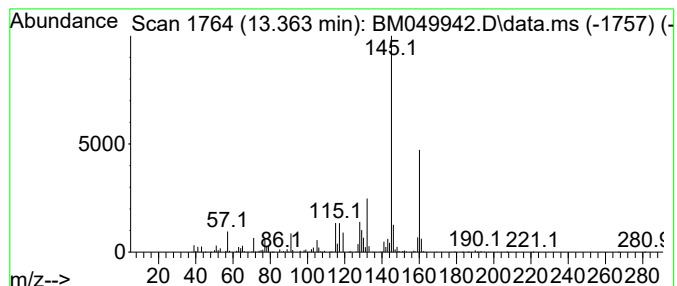
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.363	13.13 ng	4022950	Acenaphthene-d10	14.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
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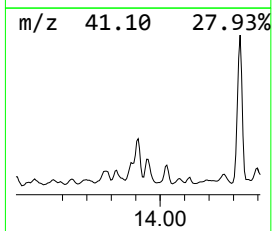
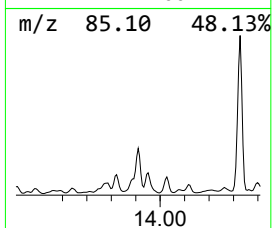
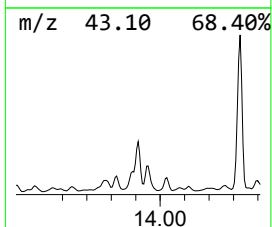
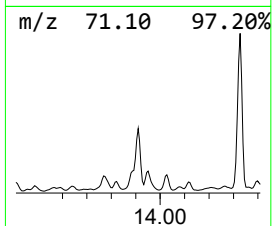
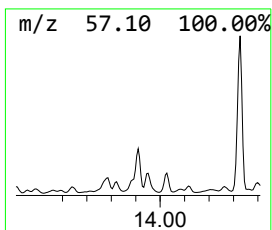
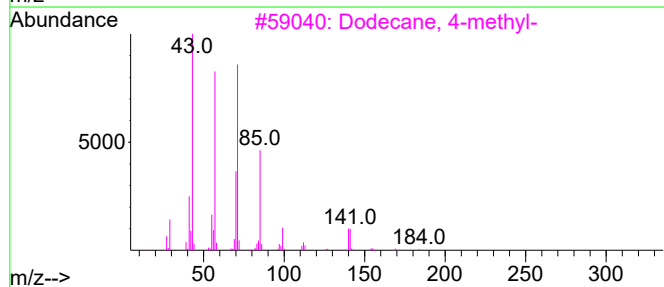
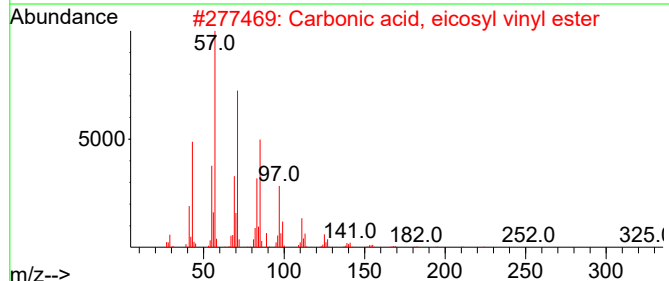
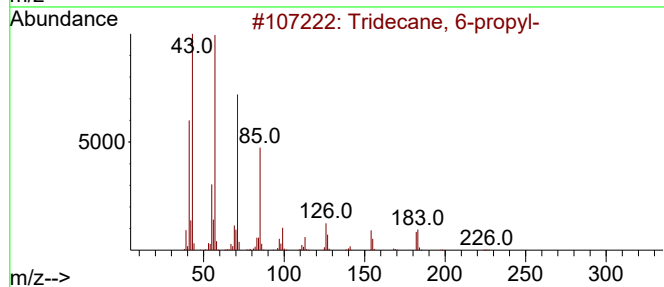
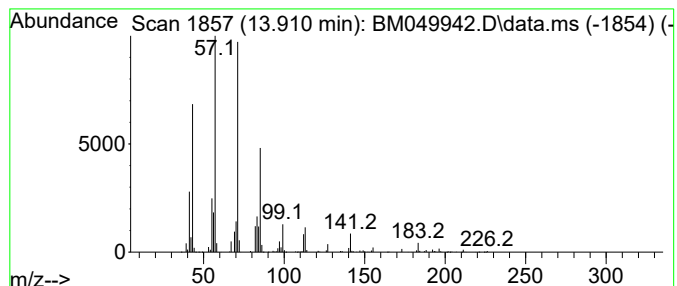
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.910	13.00 ng	3984840	Acenaphthene-d10	14.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
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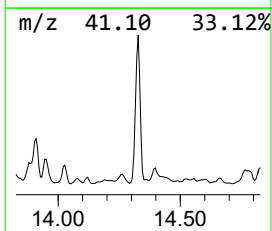
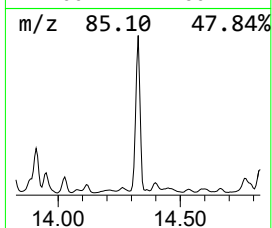
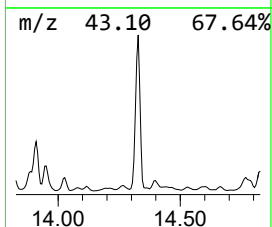
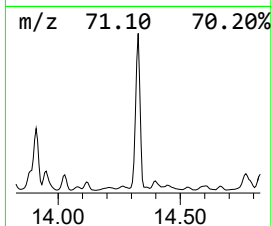
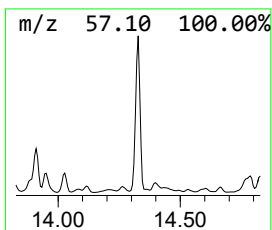
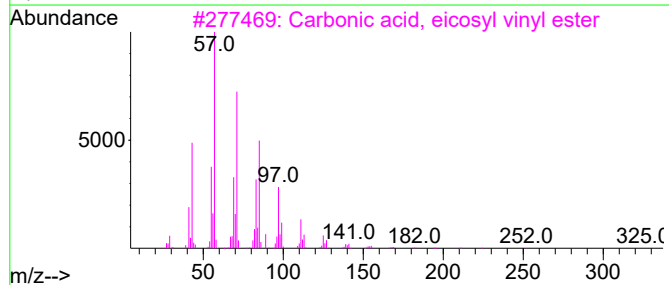
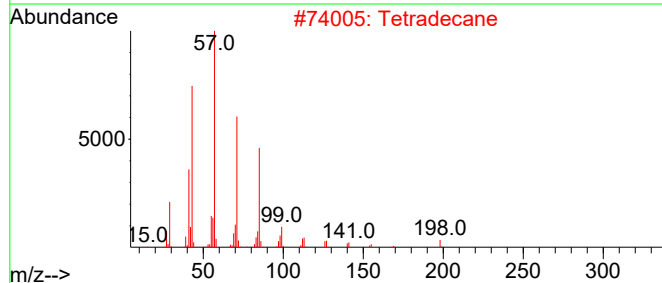
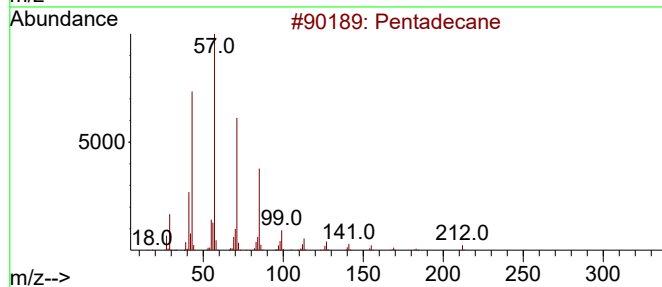
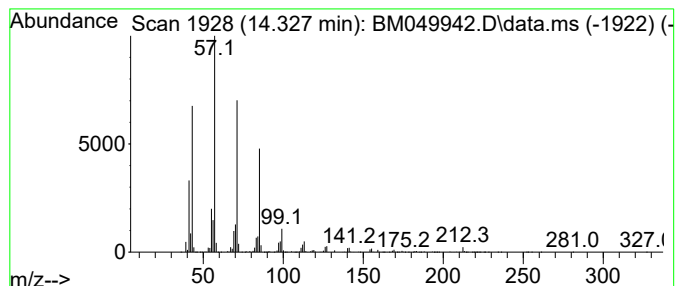
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	40.03 ng	12269200	Acenaphthene-d10	14.422

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	91
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
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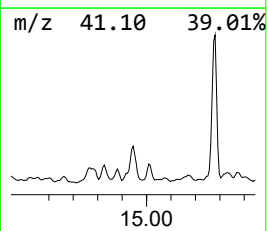
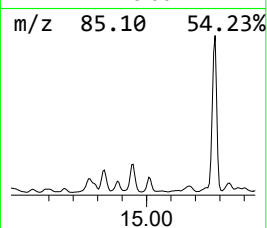
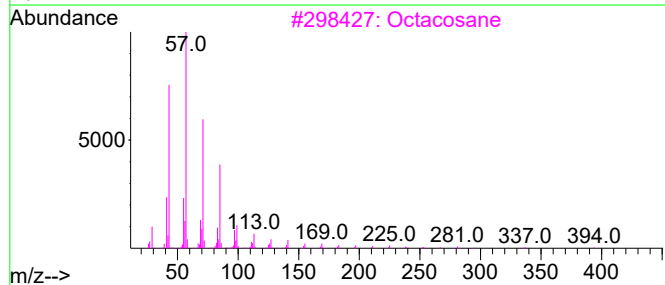
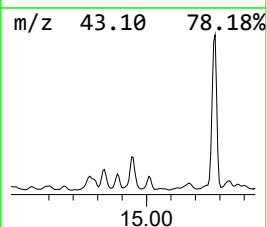
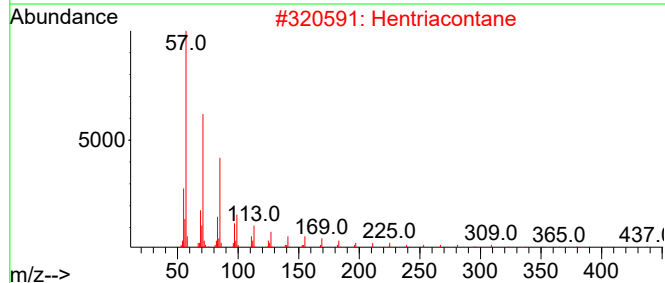
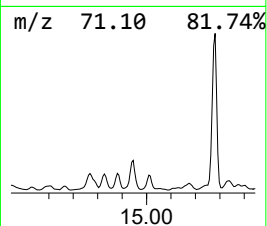
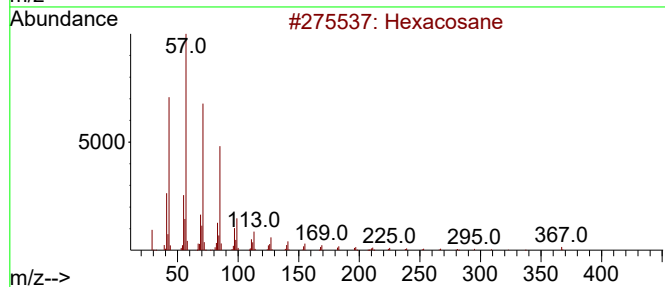
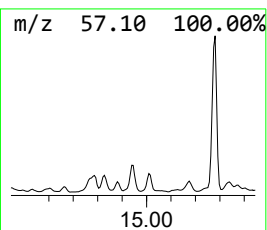
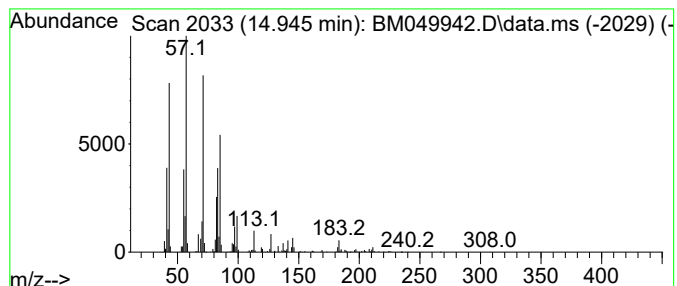
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.945	12.22 ng	3745440	Acenaphthene-d10		14.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	68
2	Hentriacontane		437	C31H64	000630-04-6	64
3	Octacosane		394	C28H58	000630-02-4	64
4	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1010115-66-1	64
5	Octacosane, 2-methyl-		408	C29H60	001560-98-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
Acq On : 15 Apr 2025 19:51
Operator : RC/JU
Sample : Q1785-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-041125

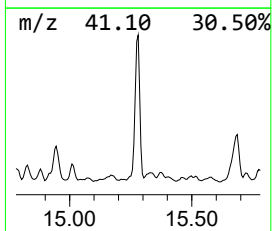
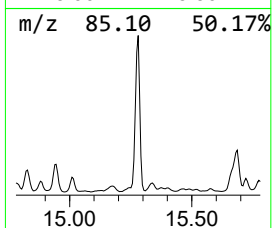
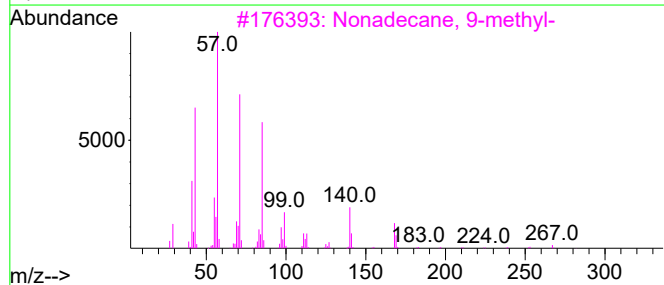
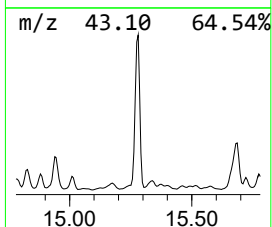
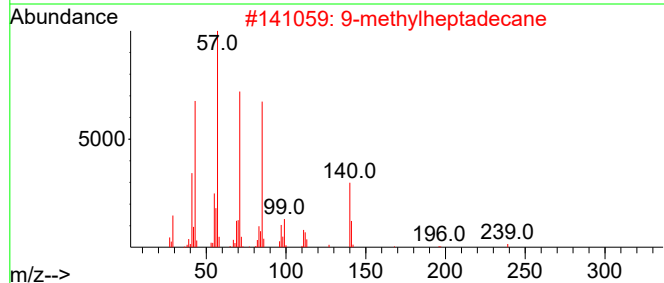
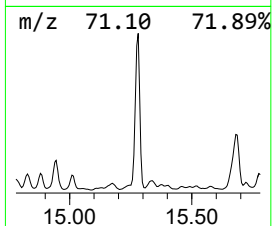
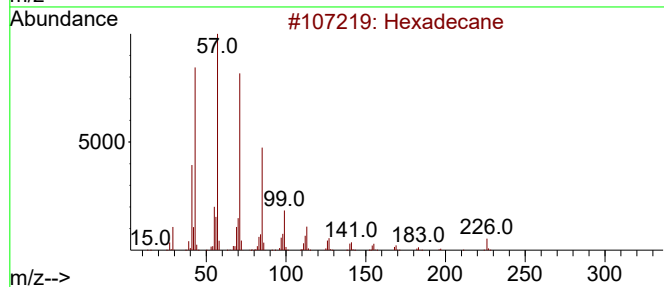
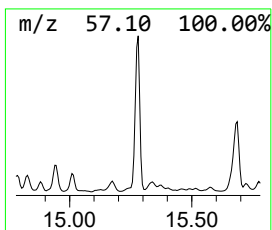
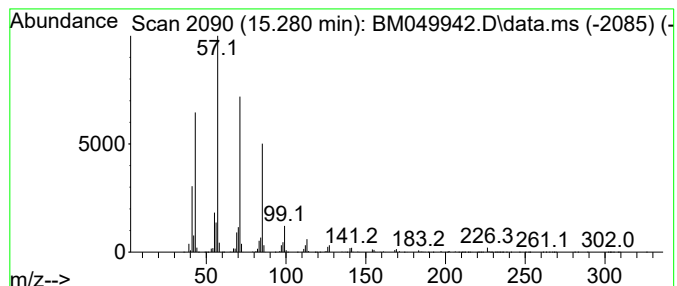
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9-methylheptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	37.78 ng	11580700	Acenaphthene-d10	14.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		9-methylheptadecane	254	C18H38	026741-18-4	90
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4		Tetradecane	198	C14H30	000629-59-4	86
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
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Operator : RC/JU
Sample : Q1785-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

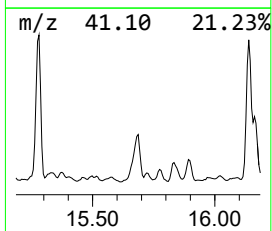
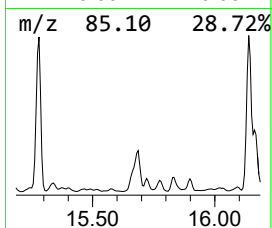
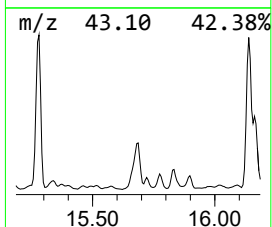
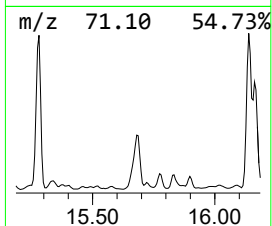
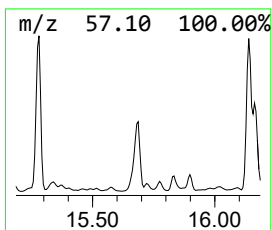
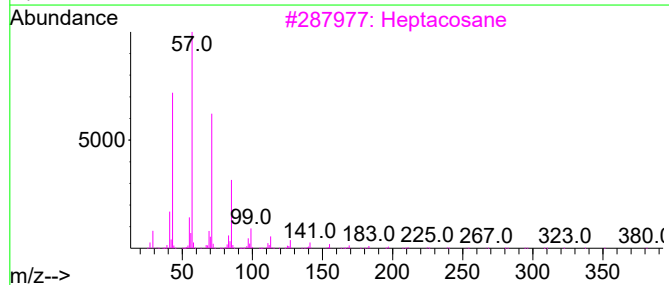
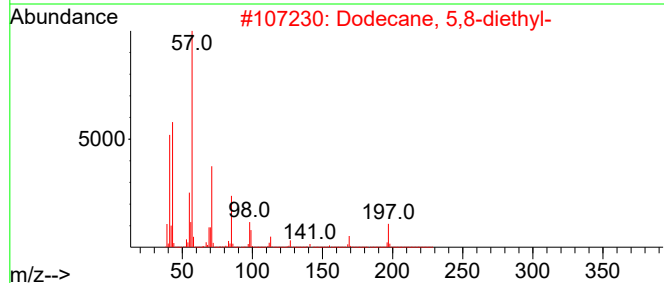
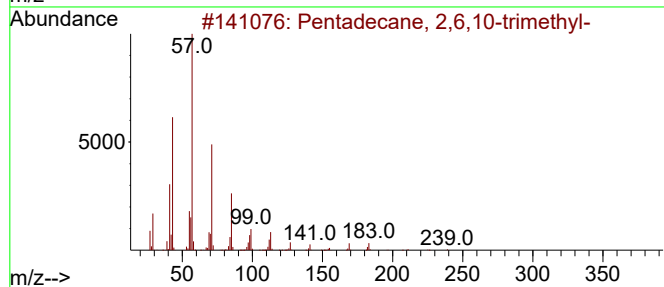
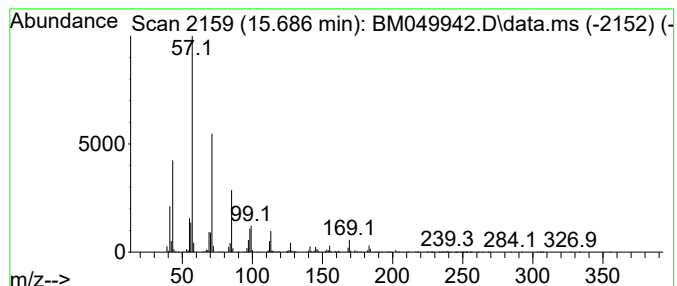
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.686	19.82 ng	6074520	Acenaphthene-d10		14.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	94
2	Dodecane, 5,8-diethyl-		226	C16H34	024251-86-3	81
3	Heptacosane		380	C27H56	000593-49-7	80
4	Tridecane, 5-propyl-		226	C16H34	055045-11-9	80
5	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
Acq On : 15 Apr 2025 19:51
Operator : RC/JU
Sample : Q1785-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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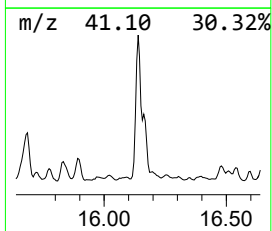
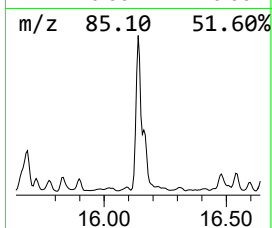
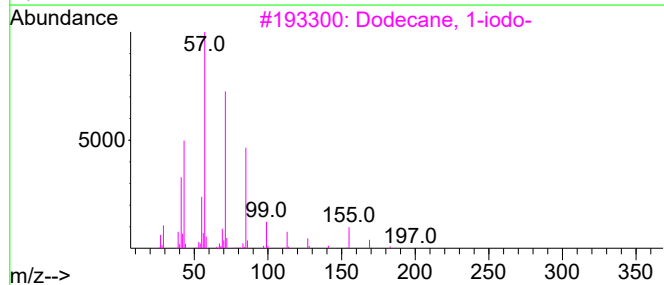
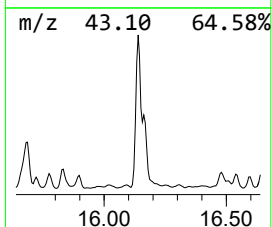
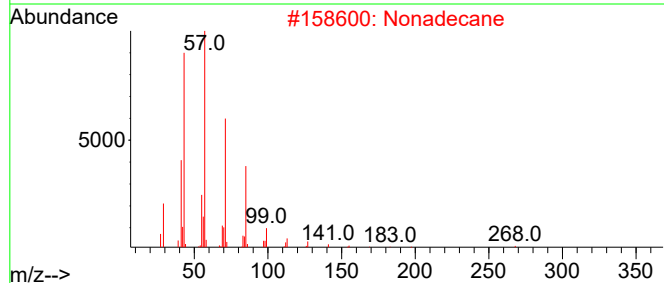
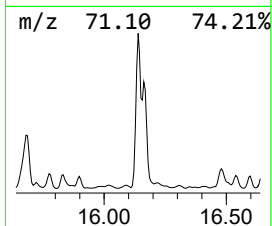
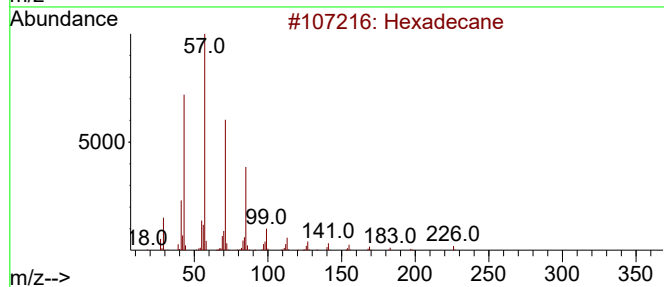
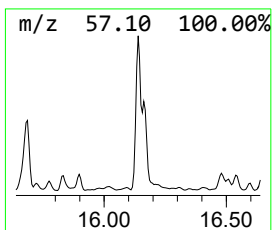
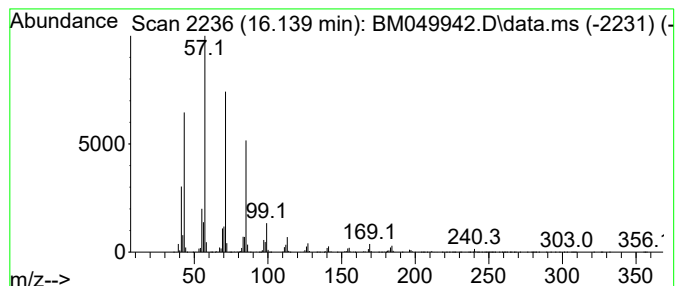
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	71.84 ng	13546100	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4			Heneicosane	296	C21H44	000629-94-7	87
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
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Operator : RC/JU
Sample : Q1785-01 5X
Misc :
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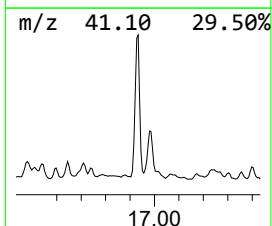
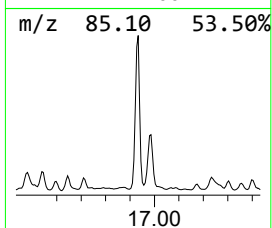
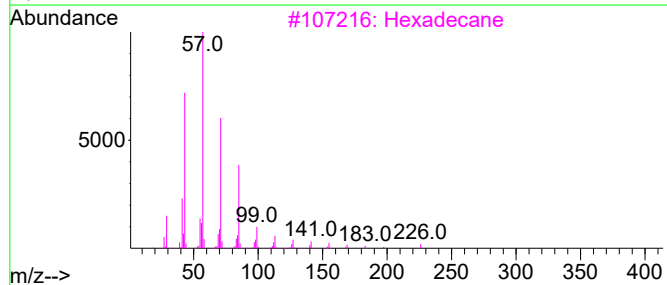
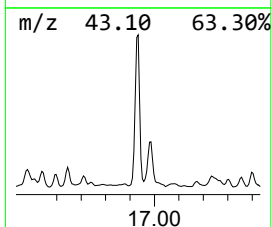
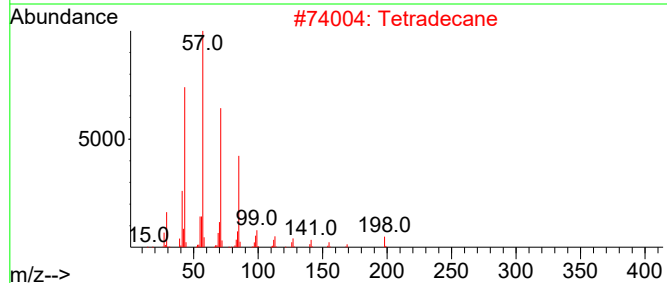
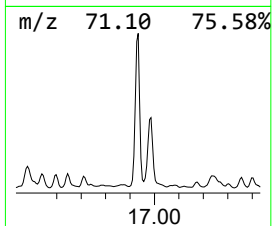
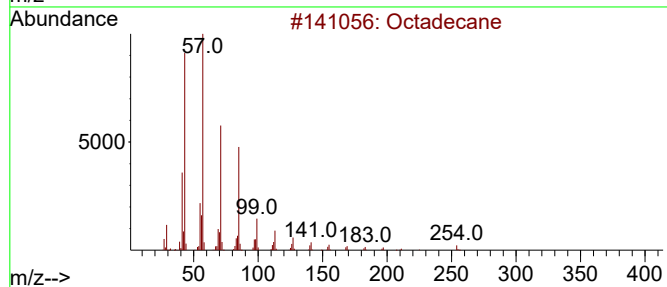
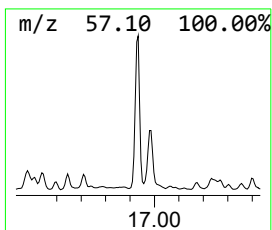
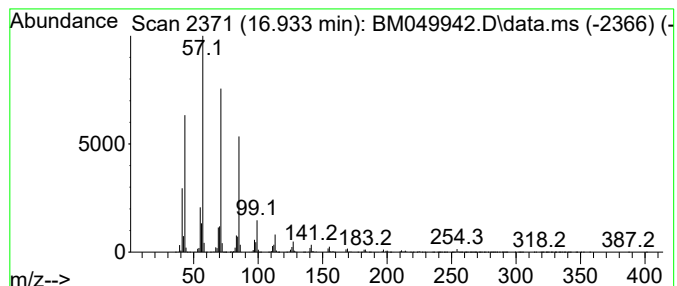
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.933	54.71 ng	10316800	Phenanthrene-d10		17.163	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	95
2	Tetradecane		198	C14H30	000629-59-4	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	89
5	Nonadecane		268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
Acq On : 15 Apr 2025 19:51
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Sample : Q1785-01 5X
Misc :
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Instrument :
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ClientSampleId :
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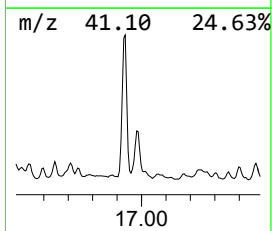
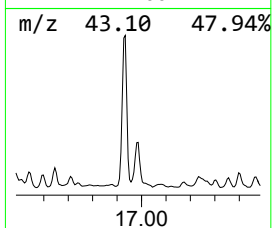
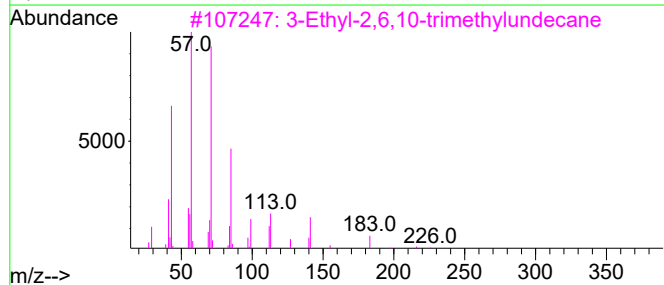
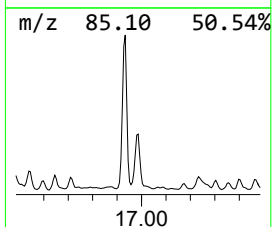
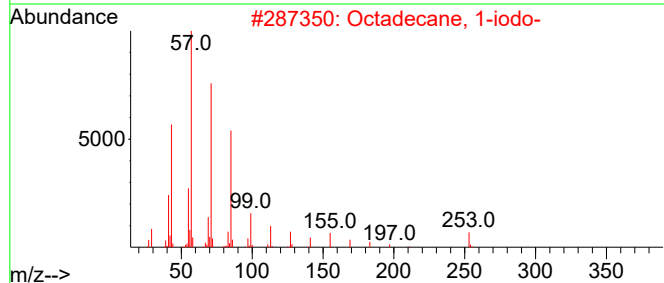
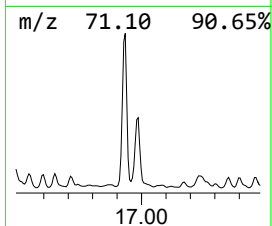
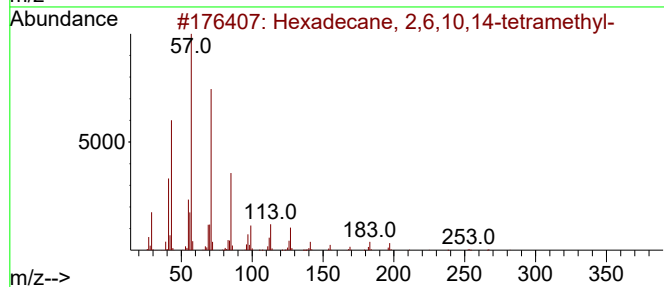
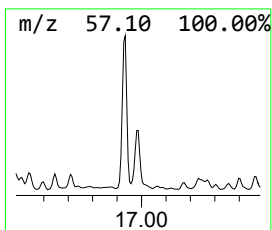
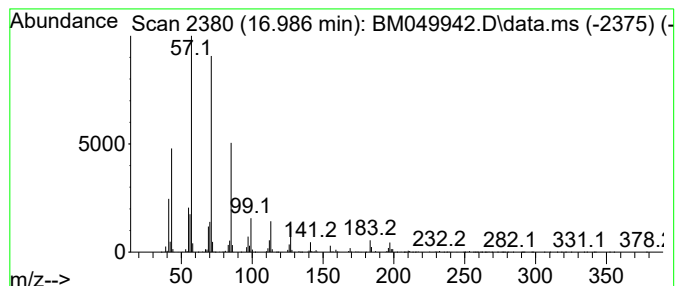
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	31.89 ng	6014260	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
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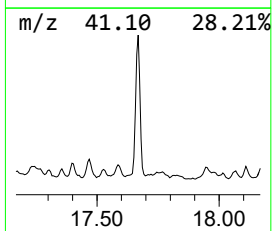
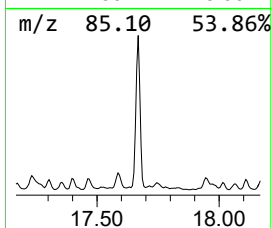
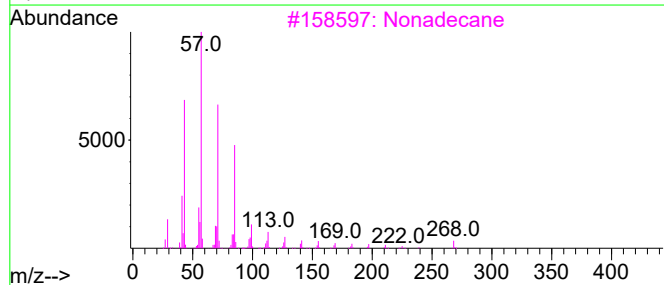
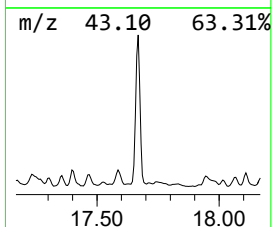
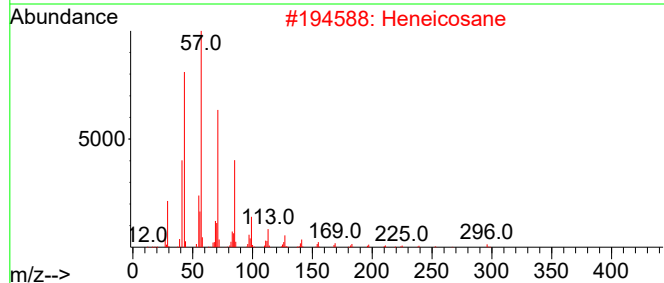
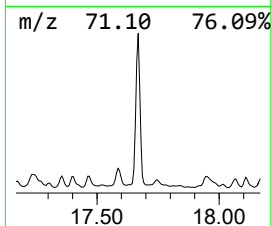
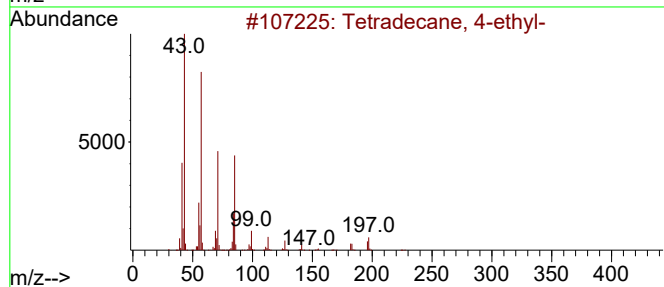
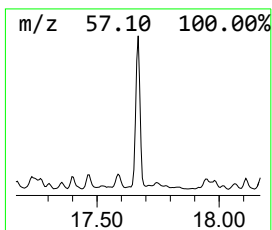
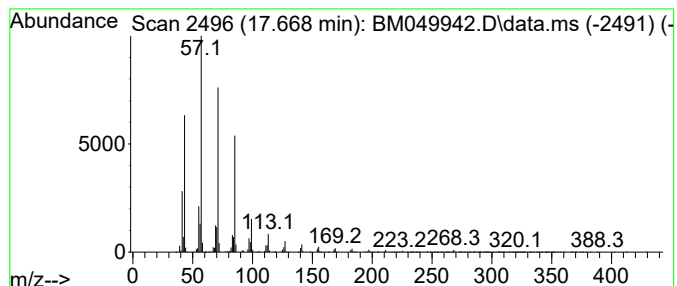
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane, 4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.668	49.52 ng	9336870	Phenanthrene-d10		17.163	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
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Sample : Q1785-01 5X
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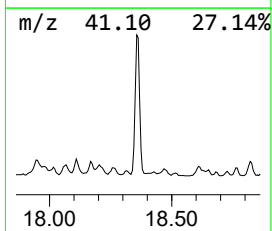
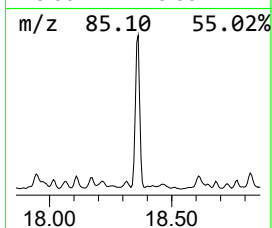
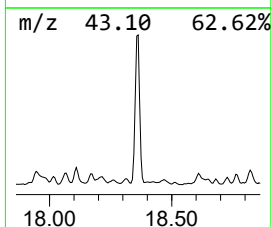
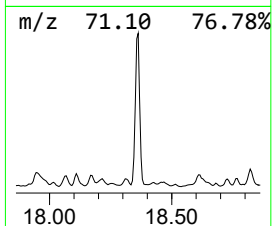
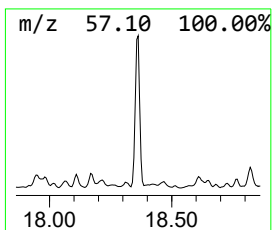
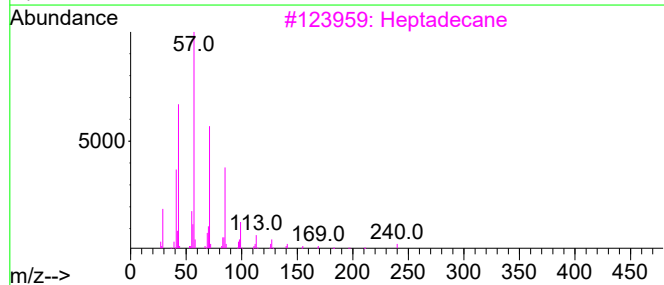
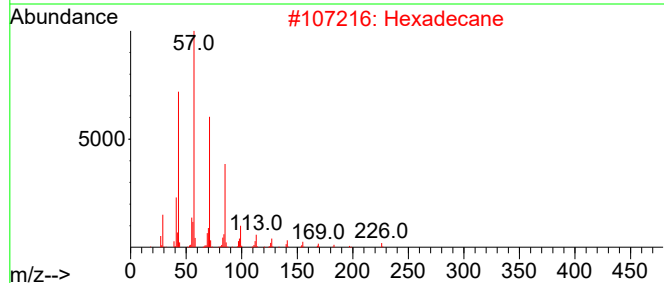
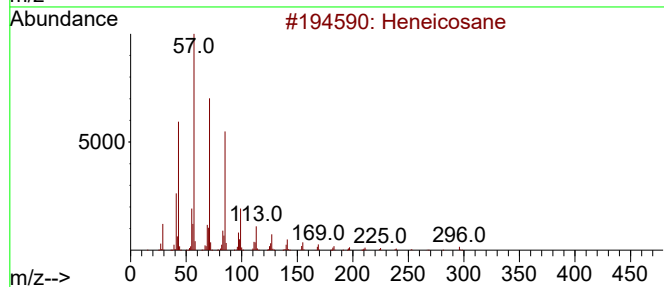
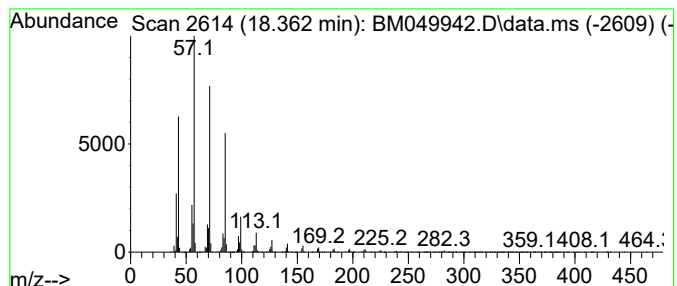
Instrument :
BNA_M
ClientSampleId :
HR-02-041125

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 17 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.362	41.22 ng	7772110	Phenanthrene-d10		17.163	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexadecane		226	C16H34	000544-76-3	91
3	Heptadecane		240	C17H36	000629-78-7	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 : BM049942.D
Acq On : 15 Apr 2025 19:51
Operator : RC/JU
Sample : Q1785-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

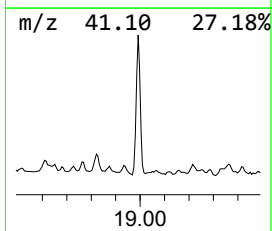
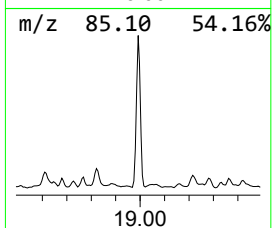
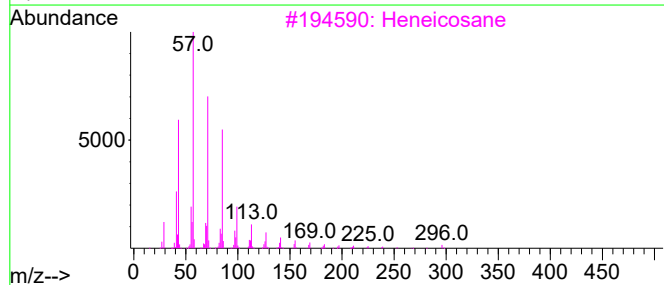
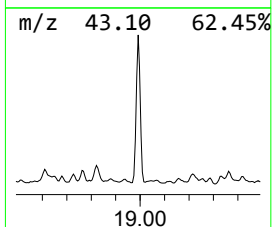
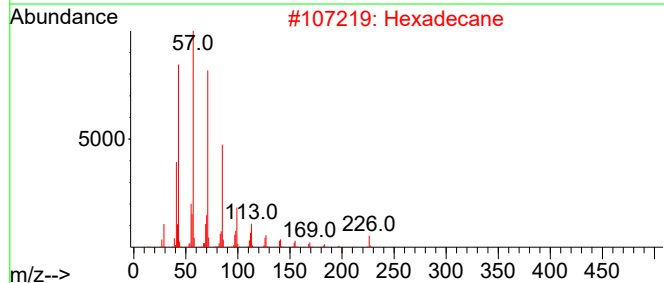
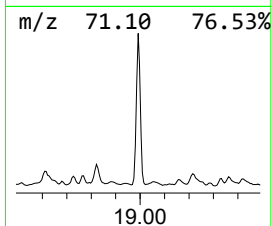
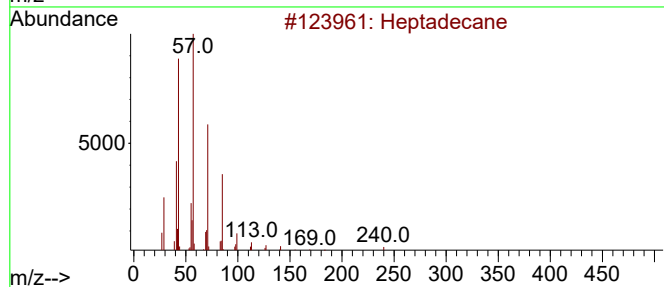
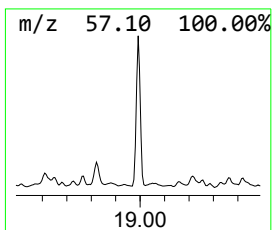
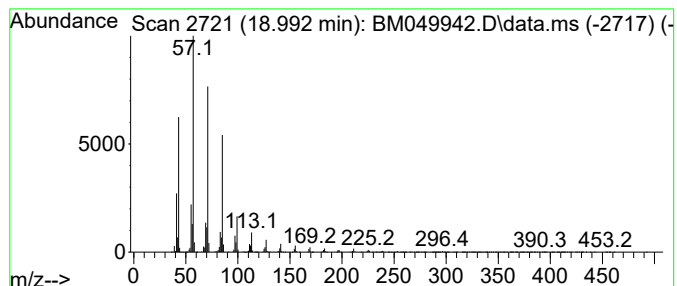
Instrument :
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ClientSampleId :
HR-02-041125

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 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.992	32.02 ng	6037520	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	Octadecane		254	C18H38	000593-45-3	91
5	Eicosane		282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
Acq On : 15 Apr 2025 19:51
Operator : RC/JU
Sample : Q1785-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

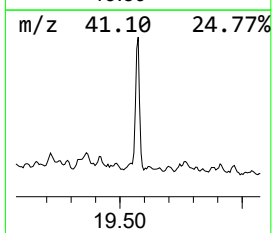
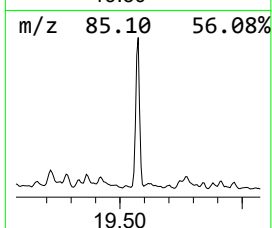
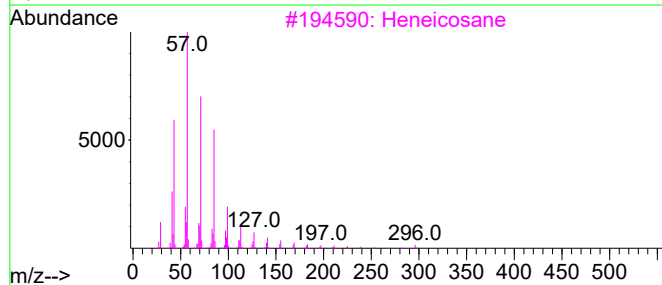
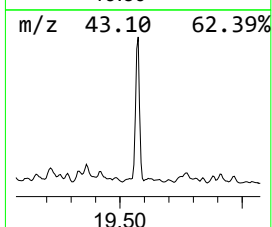
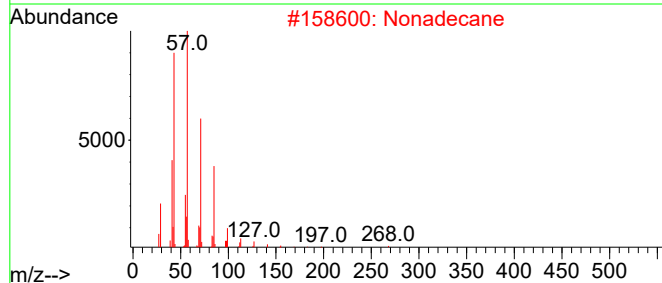
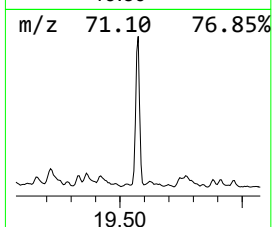
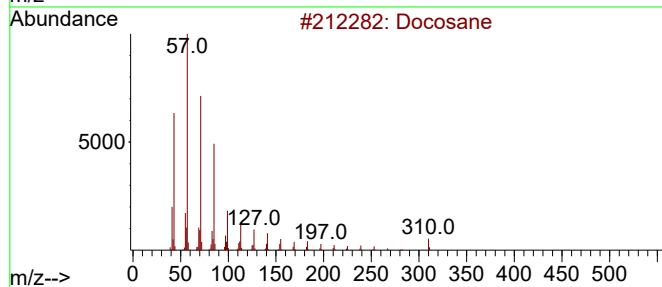
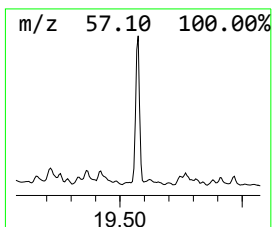
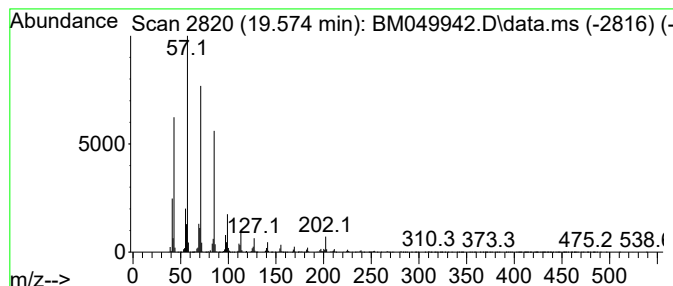
Instrument :
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ClientSampleId :
HR-02-041125

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 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.574	22.68 ng	3990150	Chrysene-d12	21.403	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Nonadecane	268	C19H40	000629-92-5	96
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049942.D
Acq On : 15 Apr 2025 19:51
Operator : RC/JU
Sample : Q1785-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

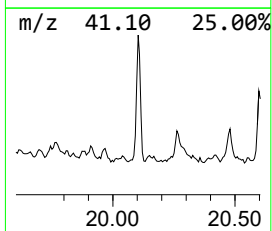
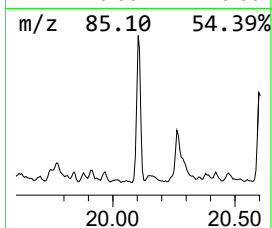
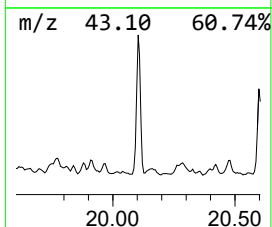
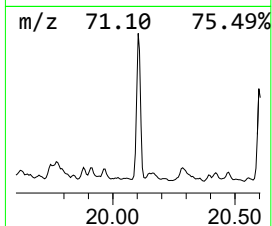
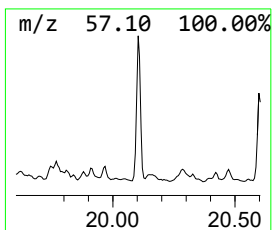
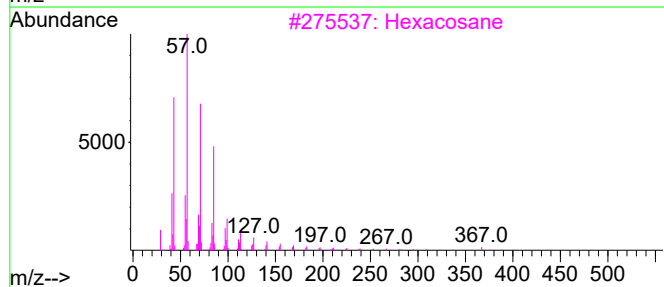
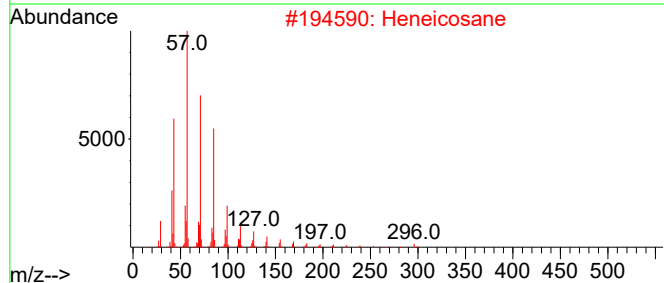
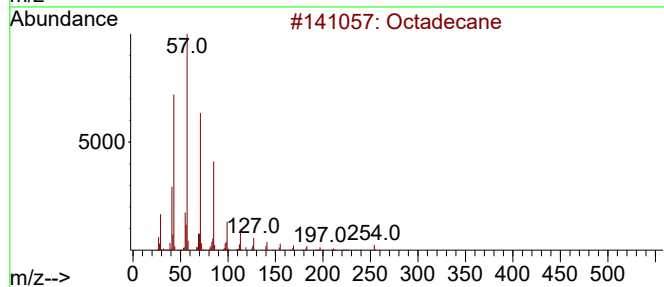
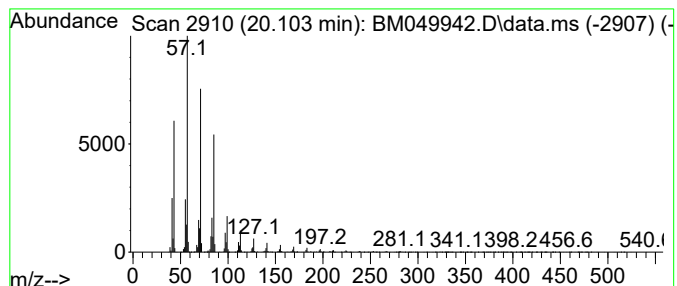
Instrument :
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ClientSampleId :
HR-02-041125

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 Heptadecane, 9-octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.104	15.49 ng	2725290	Chrysene-d12		21.403	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049942.D
 Acq On : 15 Apr 2025 19:51
 Operator : RC/JU
 Sample : Q1785-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-02-041125

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.404	16.3	ng	2405670	1	7.775	2950010	20.0
Hexadecane	9.004	33.9	ng	4995040	1	7.775	2950010	20.0
Benzene, (1,1-d...	9.134	17.4	ng	2561350	1	7.775	2950010	20.0
Tridecane	12.004	18.3	ng	10527000	2	10.569	11535200	20.0
Dodecane, 2,6,1...	12.963	14.4	ng	4425770	3	14.422	6130100	20.0
Tetradecane	13.251	38.0	ng	11661700	3	14.422	6130100	20.0
Naphthalene, 1,...	13.363	13.1	ng	4022950	3	14.422	6130100	20.0
Tridecane, 6-pr...	13.910	13.0	ng	3984840	3	14.422	6130100	20.0
Pentadecane	14.327	40.0	ng	12269200	3	14.422	6130100	20.0
Hexacosane	14.945	12.2	ng	3745440	3	14.422	6130100	20.0
9-methylheptade...	15.280	37.8	ng	11580700	3	14.422	6130100	20.0
Pentadecane, 2,...	15.686	19.8	ng	6074520	3	14.422	6130100	20.0
Nonadecane	16.139	71.8	ng	13546100	4	17.163	3771330	20.0
Octadecane	16.933	54.7	ng	10316800	4	17.163	3771330	20.0
Hexadecane, 2,6...	16.986	31.9	ng	6014260	4	17.163	3771330	20.0
Tetradecane, 4-...	17.668	49.5	ng	9336870	4	17.163	3771330	20.0
Heneicosane	18.362	41.2	ng	7772110	4	17.163	3771330	20.0
Heptadecane	18.992	32.0	ng	6037520	4	17.163	3771330	20.0
Docosane	19.574	22.7	ng	3990150	5	21.403	3519290	20.0
Heptadecane, 9-...	20.104	15.5	ng	2725290	5	21.403	3519290	20.0