

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050089.D
 Acq On : 02 May 2025 17:17
 Operator : RC/JU
 Sample : Q1914-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-7

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050089.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	392	400	405	rVV2	5102079	8084857	20.56%	0.728%
2	5.393	405	409	428	rVB	2950429	6496567	16.52%	0.585%
3	5.769	467	473	482	rVB3	7229957	11693723	29.74%	1.052%
4	6.393	570	579	589	rVB4	2566342	6216853	15.81%	0.559%
5	6.746	628	639	644	rBV3	3994070	10096460	25.68%	0.909%
6	6.804	644	649	652	rVV	3455311	5093366	12.95%	0.458%
7	6.846	652	656	660	rVV	7437693	11359750	28.89%	1.022%
8	6.904	660	666	675	rVV4	5474242	16918551	43.03%	1.522%
9	6.975	675	678	685	rVB	3676141	5337346	13.57%	0.480%
10	7.140	700	706	711	rBV	3703511	5915541	15.05%	0.532%
11	7.387	741	748	756	rBV2	12258208	32490941	82.63%	2.924%
12	7.651	788	793	801	rBV2	1804462	4365324	11.10%	0.393%
13	7.734	801	807	813	rVB2	5048021	9340723	23.76%	0.841%
14	7.869	826	830	838	rVB2	4085669	6961979	17.71%	0.627%
15	8.040	856	859	865	rVB2	2889780	5020151	12.77%	0.452%
16	8.122	866	873	878	rVB3	2803750	5213899	13.26%	0.469%
17	8.298	897	903	908	rVB2	6110165	12485451	31.75%	1.124%
18	8.393	914	919	933	rVB3	8352691	21867379	55.62%	1.968%
19	8.522	935	941	944	rBV2	5303854	8853351	22.52%	0.797%
20	8.704	968	972	976	rBV	3693667	6020810	15.31%	0.542%
21	8.757	976	981	988	rVB	4198747	7918878	20.14%	0.713%
22	8.863	988	999	1003	rBV2	8491799	18480320	47.00%	1.663%
23	8.992	1016	1021	1029	rVB	12510956	25637997	65.21%	2.307%
24	9.110	1029	1041	1047	rBV7	5214208	15833542	40.27%	1.425%
25	9.192	1047	1055	1058	rBV4	3534753	8184020	20.81%	0.736%
26	9.387	1084	1088	1093	rBV2	2901697	5879488	14.95%	0.529%
27	9.445	1093	1098	1101	rVV	5173618	9641381	24.52%	0.868%
28	9.475	1101	1103	1108	rVV2	5073884	6875670	17.49%	0.619%
29	9.640	1124	1131	1134	rBV2	3354735	6297796	16.02%	0.567%
30	9.687	1134	1139	1143	rVV3	4169846	7322050	18.62%	0.659%
31	9.734	1143	1147	1155	rVV5	3920611	9185376	23.36%	0.827%
32	9.804	1155	1159	1162	rBV2	4357107	7689113	19.56%	0.692%
33	9.834	1162	1164	1169	rVB2	5841156	8334315	21.20%	0.750%
34	9.904	1169	1176	1180	rBV4	6810426	12627095	32.11%	1.136%
35	9.951	1180	1184	1188	rBV2	5591001	9988152	25.40%	0.899%
36	10.087	1202	1207	1212	rBV3	4088978	7856533	19.98%	0.707%

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37	10.139	1212	1216	1220	rVV3	3318523	5799383	14.75%	0.522%
38	10.187	1220	1224	1230	rVB	6680980	11084940	28.19%	0.998%
39	10.257	1230	1236	1240	rBV	3725045	6320518	16.08%	0.569%
40	10.339	1244	1250	1255	rBV3	2967530	5595207	14.23%	0.504%
41	10.463	1266	1271	1275	rVV4	4055361	9182810	23.35%	0.826%
42	10.539	1275	1284	1290	rVV3	13255991	39048350	99.31%	3.514%
43	10.604	1291	1295	1302	rVV5	4683883	13332915	33.91%	1.200%
44	10.675	1302	1307	1311	rVV2	5751275	12533723	31.88%	1.128%
45	10.722	1311	1315	1320	rVV	6868995	11305212	28.75%	1.017%
46	10.781	1320	1325	1333	rVV4	4273596	9615159	24.45%	0.865%
47	10.963	1348	1356	1361	rBV6	2700809	7192898	18.29%	0.647%
48	11.022	1361	1366	1375	rVB2	4935517	11665725	29.67%	1.050%
49	11.134	1380	1385	1388	rBV2	2674993	4160013	10.58%	0.374%
50	11.216	1395	1399	1401	rBV2	3418306	5185799	13.19%	0.467%
51	11.257	1402	1406	1410	rVV5	5438226	11330847	28.82%	1.020%
52	11.322	1414	1417	1424	rVB2	4702598	8412019	21.39%	0.757%
53	11.398	1424	1430	1436	rBV4	6437942	11559039	29.40%	1.040%
54	11.475	1437	1443	1450	rBV3	7634394	16477340	41.91%	1.483%
55	11.592	1457	1463	1466	rBV2	7062126	13621036	34.64%	1.226%
56	11.669	1472	1476	1481	rVB3	3306861	6321985	16.08%	0.569%
57	11.751	1485	1490	1498	rVB2	9296084	18982464	48.28%	1.708%
58	12.004	1525	1533	1537	rBV3	8639536	20175116	51.31%	1.816%
59	12.216	1562	1569	1576	rVB5	5858388	16172941	41.13%	1.455%
60	12.439	1602	1607	1610	rBV4	3998894	7657856	19.48%	0.689%
61	12.486	1610	1615	1619	rVB2	7397010	13200356	33.57%	1.188%
62	12.628	1635	1639	1642	rVV3	4618476	7621393	19.38%	0.686%
63	12.669	1642	1646	1653	rVV5	4508841	9285129	23.62%	0.836%
64	12.733	1653	1657	1664	rVV4	4793223	9955265	25.32%	0.896%
65	12.804	1665	1669	1679	rVB2	5123585	12812696	32.59%	1.153%
66	12.898	1680	1685	1690	rBV3	5940456	11927562	30.34%	1.073%
67	12.951	1690	1694	1699	rVB3	7067360	10833111	27.55%	0.975%
68	13.022	1703	1706	1710	rVB	3952517	5000094	12.72%	0.450%
69	13.110	1717	1721	1727	rVB5	3341510	5587731	14.21%	0.503%
70	13.257	1739	1746	1751	rVB3	8573927	20139894	51.22%	1.812%
71	13.357	1756	1763	1767	rVV2	5808866	12409109	31.56%	1.117%
72	13.404	1768	1771	1775	rVB2	4398629	5621078	14.30%	0.506%
73	13.569	1796	1799	1806	rVB2	3323526	6304702	16.03%	0.567%
74	13.686	1815	1819	1822	rBV5	3617745	6597349	16.78%	0.594%
75	13.875	1847	1851	1853	rBV3	4290409	6370562	16.20%	0.573%
76	13.939	1859	1862	1866	rVB2	4034906	5233834	13.31%	0.471%

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77	14.327	1921	1928	1932	rBV2	8994174	20515924	52.18%	1.846%
78	14.386	1934	1938	1941	rBV3	4594490	8284496	21.07%	0.746%
79	14.816	2008	2011	2017	rVB3	4943499	7561188	19.23%	0.680%
80	14.939	2029	2032	2040	rVB6	5262485	9501009	24.16%	0.855%
81	15.280	2085	2090	2094	rVB	7036599	14113841	35.90%	1.270%
82	15.827	2179	2183	2188	rBV3	3657599	7004207	17.81%	0.630%
83	15.886	2190	2193	2203	rVB6	4530920	10962576	27.88%	0.987%
84	16.139	2230	2236	2239	rBV2	8377187	18818010	47.86%	1.693%
85	16.927	2365	2370	2374	rBV	7489700	14887727	37.86%	1.340%
86	16.980	2375	2379	2388	rVB2	7519642	15573390	39.61%	1.401%
87	17.157	2406	2409	2413	rBV2	3446074	4747327	12.07%	0.427%
88	17.574	2476	2480	2489	rVB5	3229205	6452384	16.41%	0.581%
89	17.663	2490	2495	2499	rVB	8550299	15780071	40.13%	1.420%
90	17.827	2518	2523	2528	rVB	11609885	17944485	45.64%	1.615%
91	18.351	2607	2612	2617	rBV	9681788	16159961	41.10%	1.454%
92	18.992	2712	2721	2723	rBV4	13784848	39318712	100.00%	3.538%
93	19.133	2741	2745	2751	rVB2	7992712	10348223	26.32%	0.931%
94	19.215	2752	2759	2767	rVB2	6887622	16077156	40.89%	1.447%
95	19.557	2813	2817	2829	rVB2	9681922	19925335	50.68%	1.793%
96	19.780	2851	2855	2860	rVB	8564561	10558997	26.85%	0.950%
97	20.086	2903	2907	2911	rBV	7649413	9522169	24.22%	0.857%
98	20.580	2987	2991	3001	rVB	5685730	6882928	17.51%	0.619%
99	21.062	3069	3073	3082	rVB2	3012601	4374977	11.13%	0.394%
100	21.386	3121	3128	3132	rVV2	3083868	6707694	17.06%	0.604%

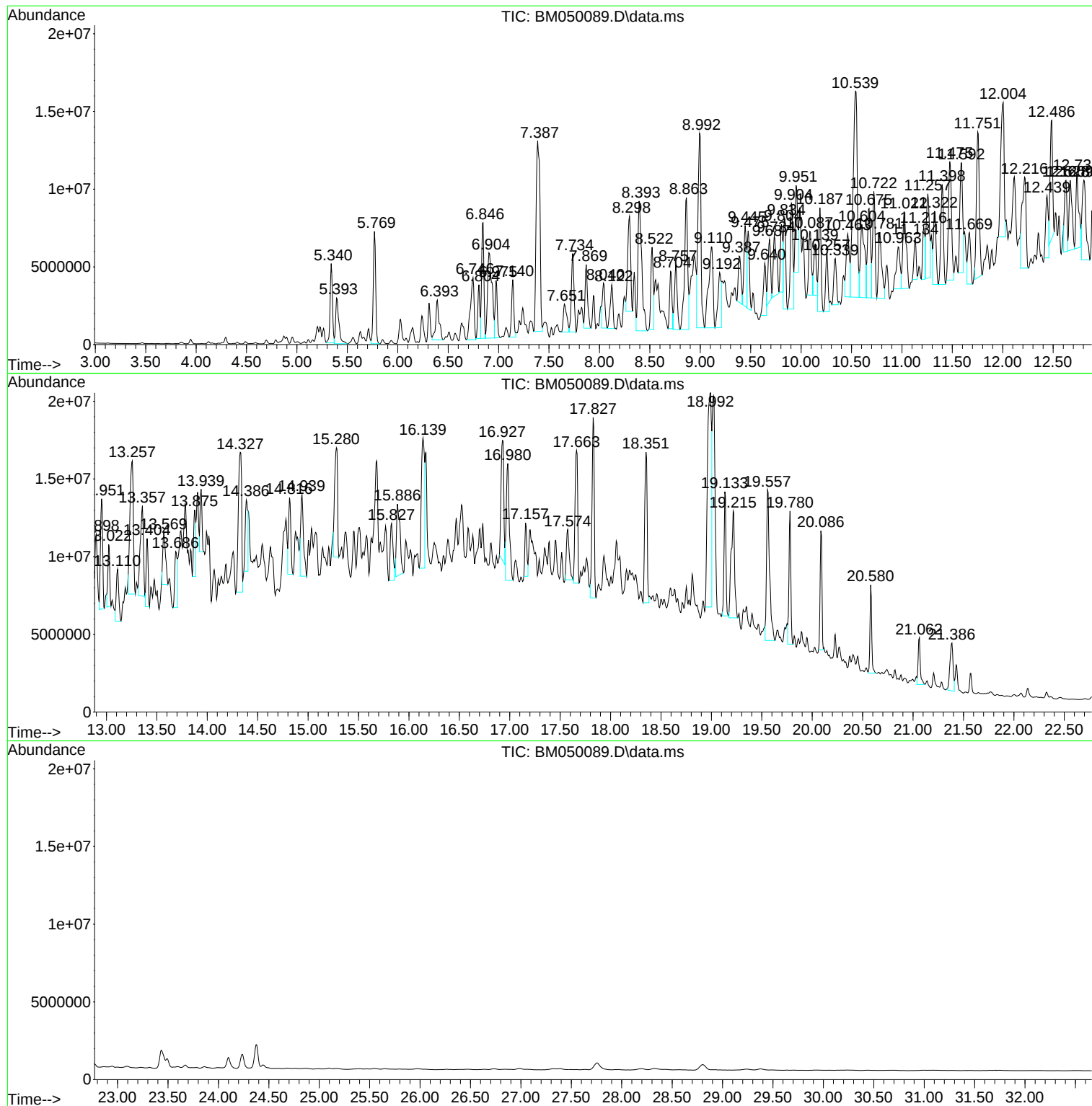
Sum of corrected areas: 1111240695

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

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



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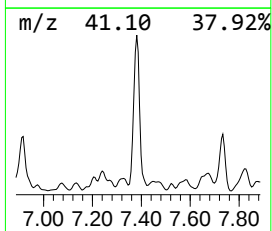
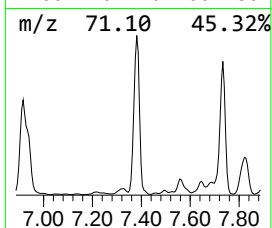
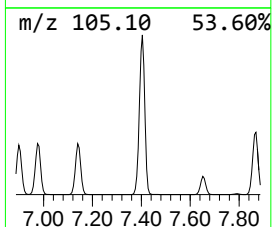
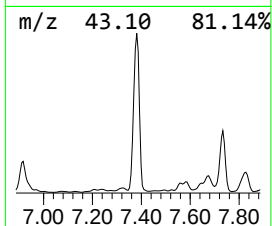
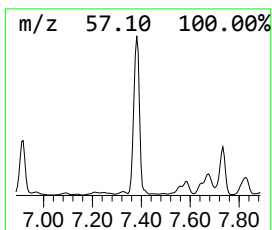
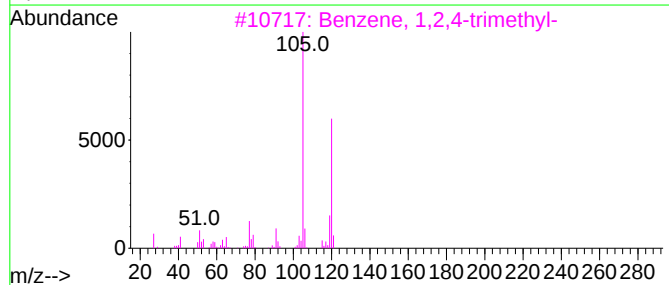
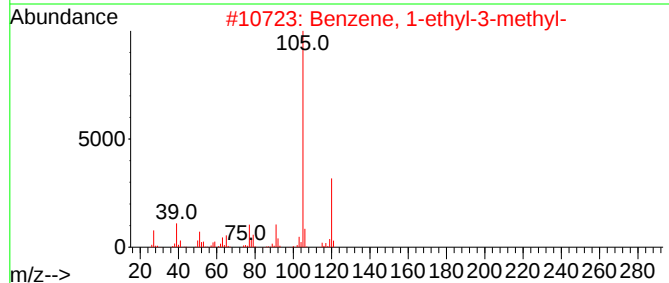
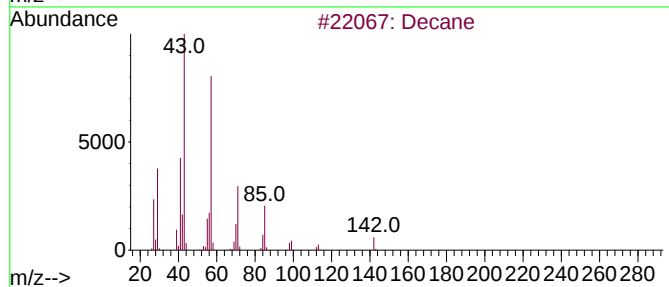
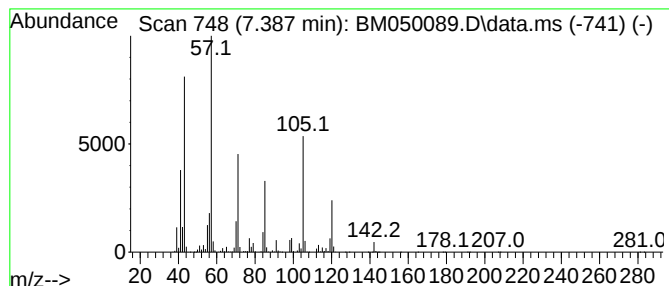
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.387	69.57 ng	32490900	1,4-Dichlorobenzene-d4	7.751

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	91
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	35
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	35
4			Mesitylene	120	C9H12	000108-67-8	35
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	35



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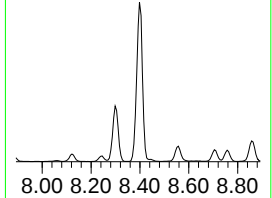
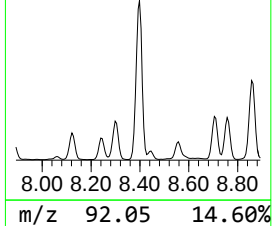
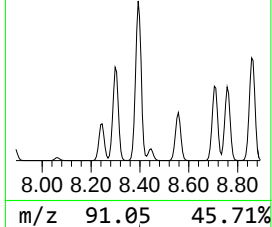
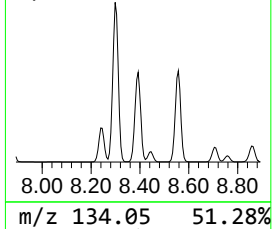
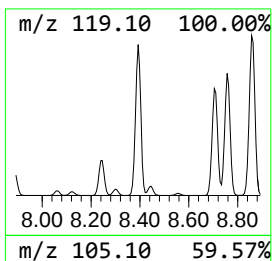
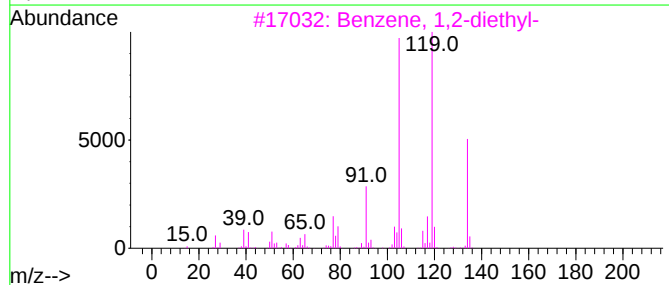
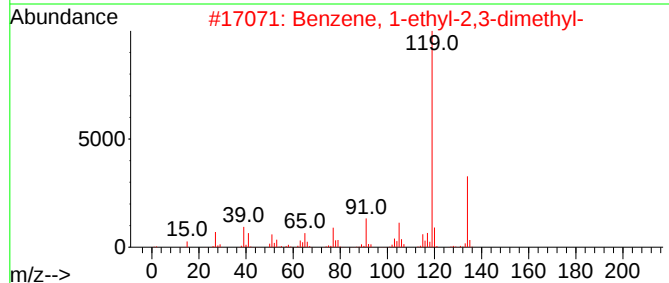
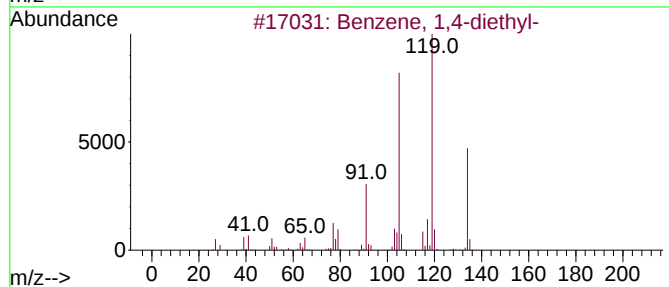
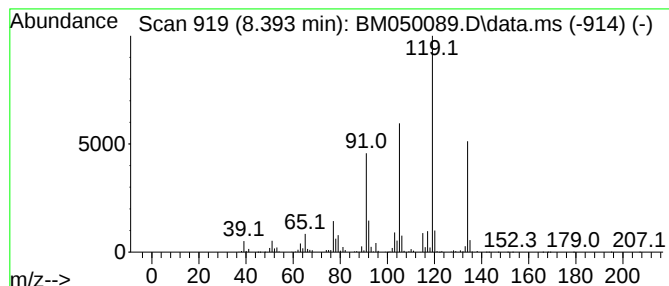
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.393	46.82 ng	21867400	1,4-Dichlorobenzene-d4	7.751

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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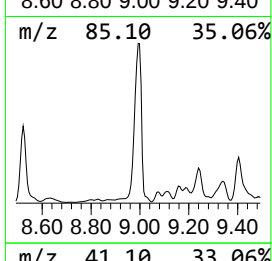
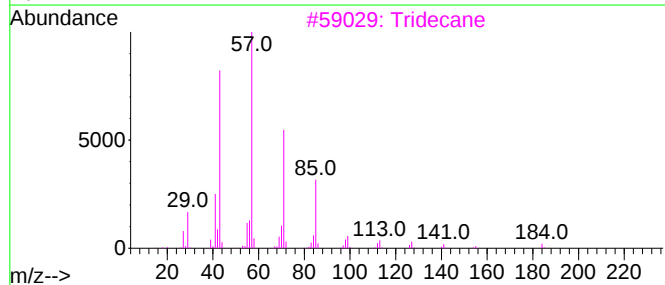
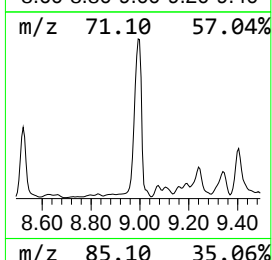
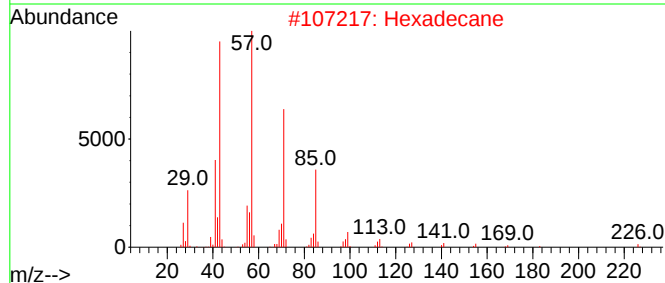
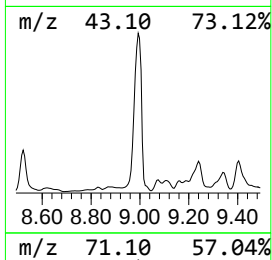
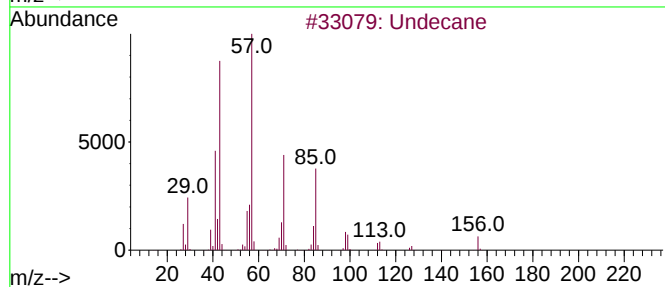
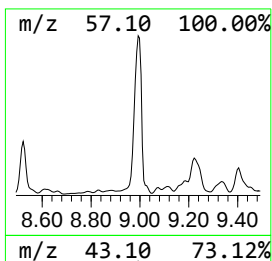
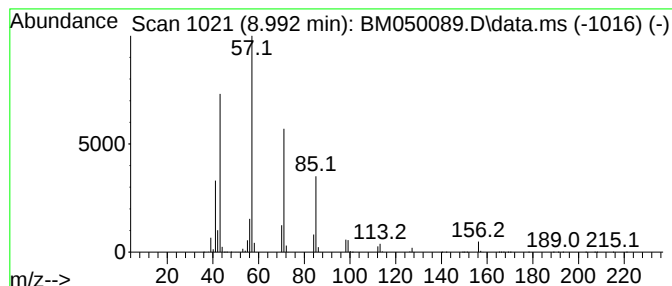
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.992	54.90 ng	25638000	1,4-Dichlorobenzene-d4	7.751

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	93
2	Hexadecane			226	C16H34	000544-76-3	90
3	Tridecane			184	C13H28	000629-50-5	90
4	Tetradecane			198	C14H30	000629-59-4	90
5	Nonadecane			268	C19H40	000629-92-5	86



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Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
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Instrument :
BNA_M
ClientSampleId :
SS-7

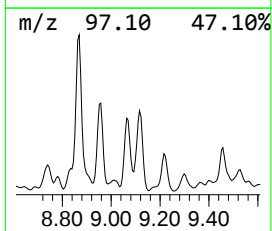
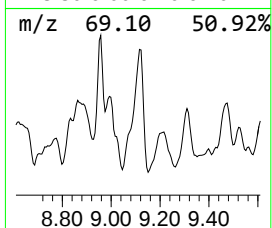
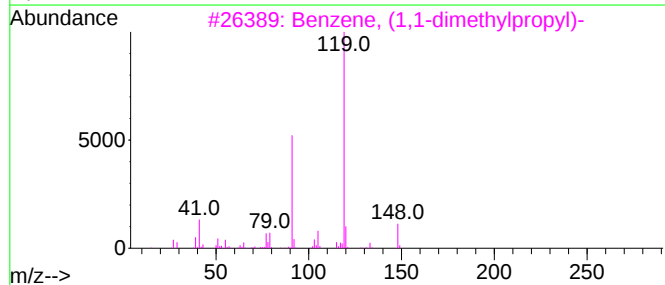
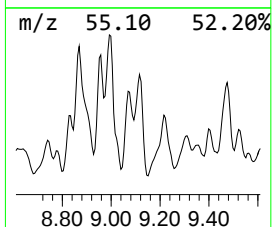
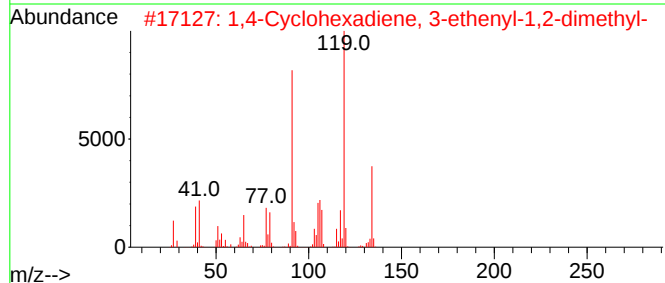
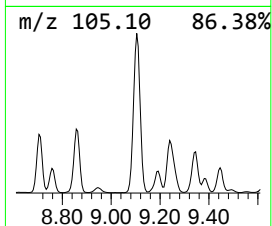
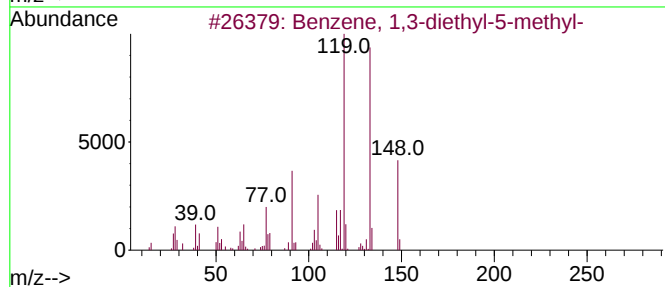
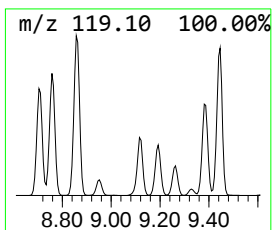
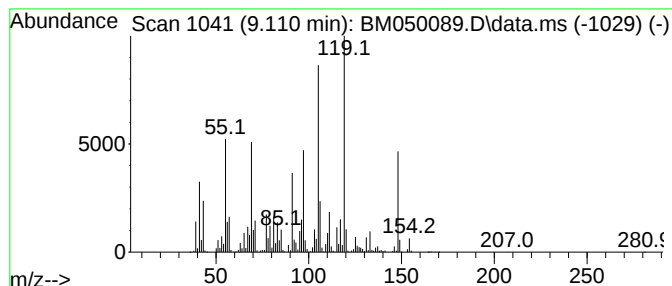
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.110 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.110	33.90 ng	15833500	1,4-Dichlorobenzene-d4	7.751

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
2			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	49
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
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Instrument :
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ClientSampleId :
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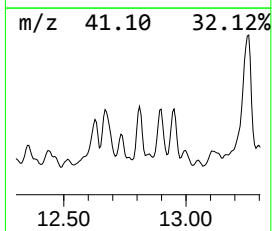
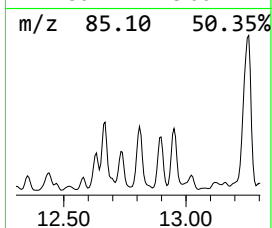
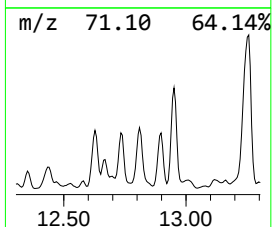
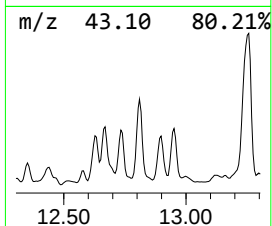
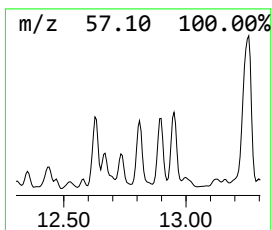
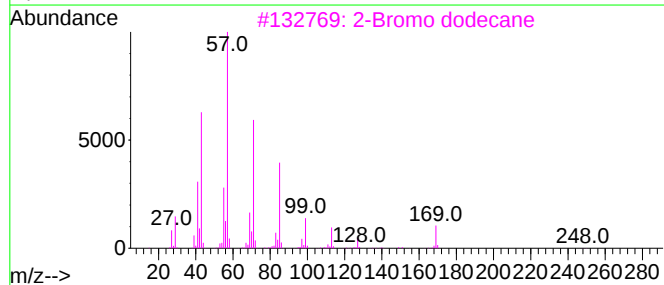
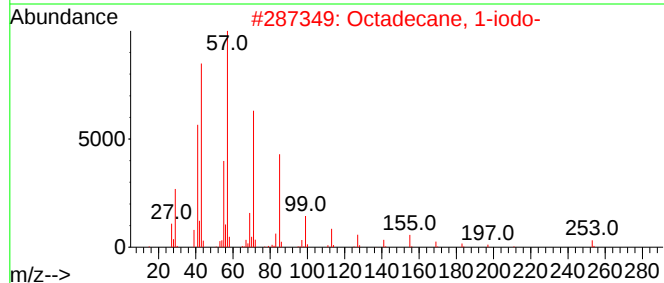
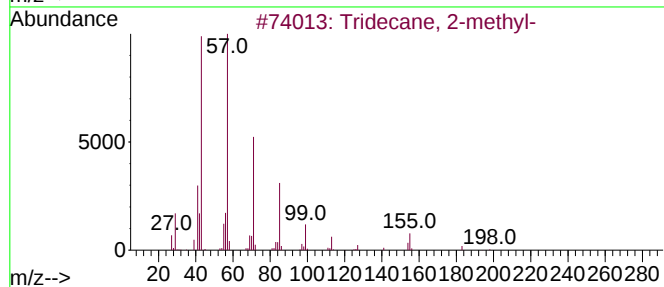
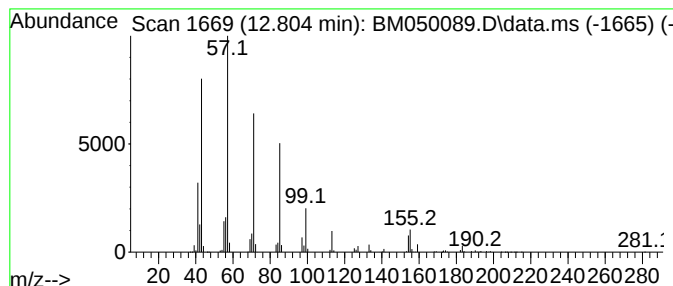
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	30.93 ng	12812700	Acenaphthene-d10	14.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	89
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	58
5			Decane, 3-methyl-	156	C11H24	013151-34-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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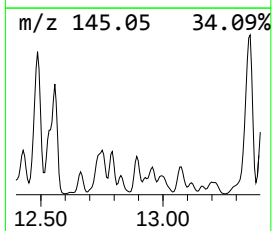
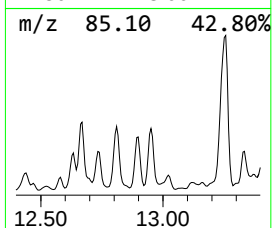
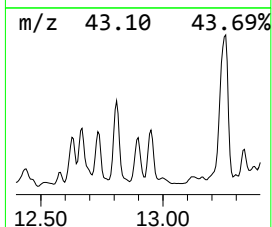
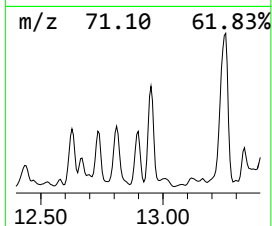
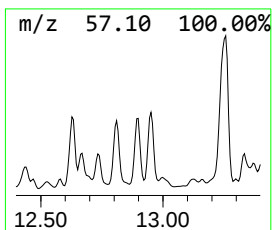
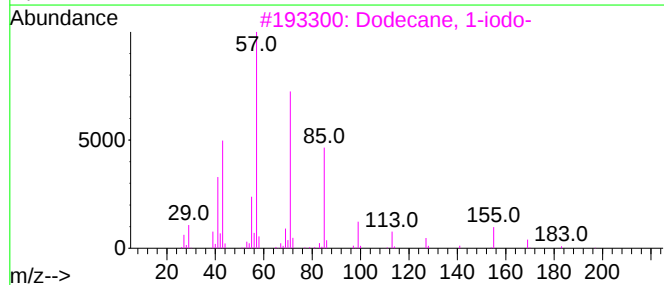
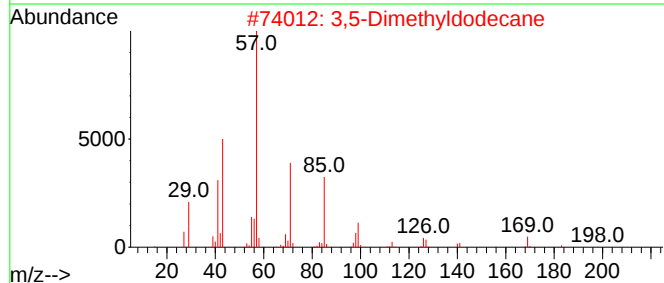
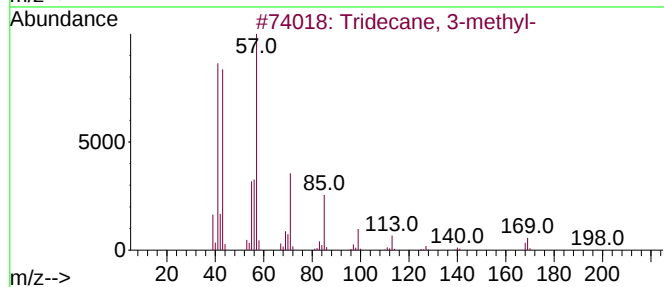
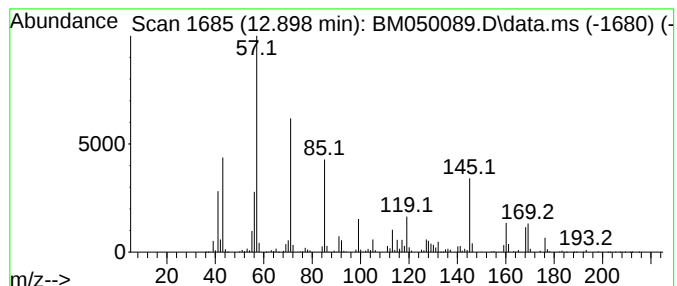
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.898	28.79 ng	11927600	Acenaphthene-d10	14.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	70
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	55
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	50
5			Heptacosane	380	C27H56	000593-49-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
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ALS Vial : 12 Sample Multiplier: 1

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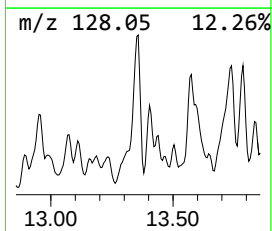
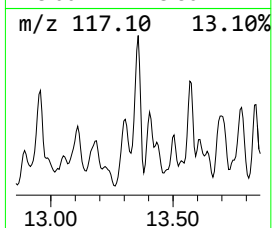
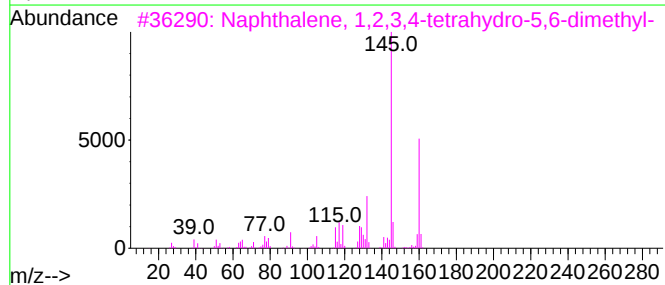
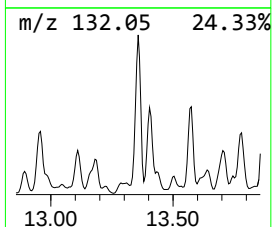
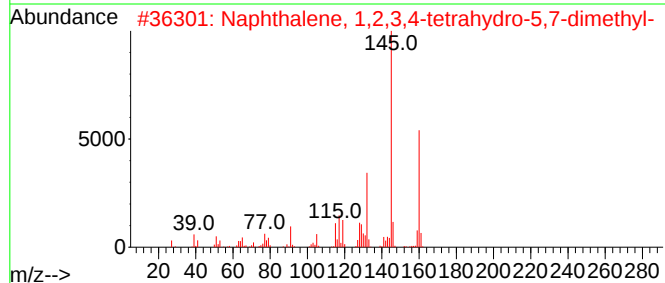
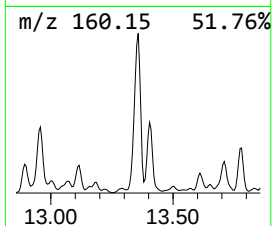
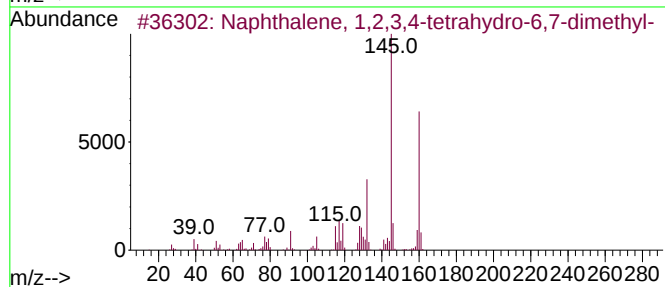
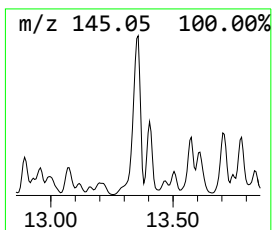
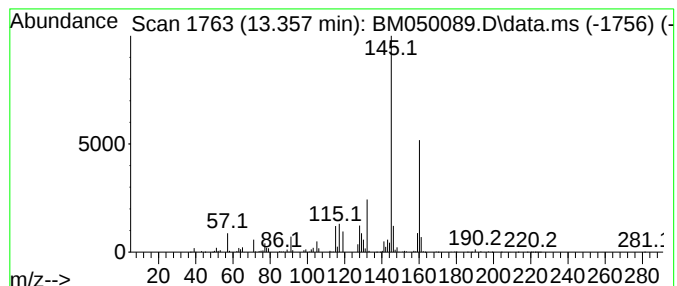
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	29.96 ng	12409100	Acenaphthene-d10	14.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
5			Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
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Misc :
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Instrument :
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ClientSampleId :
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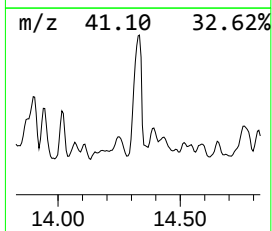
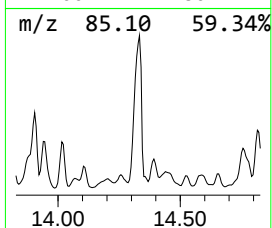
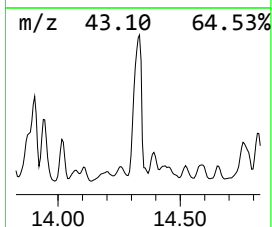
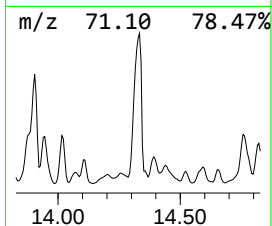
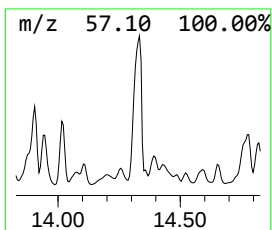
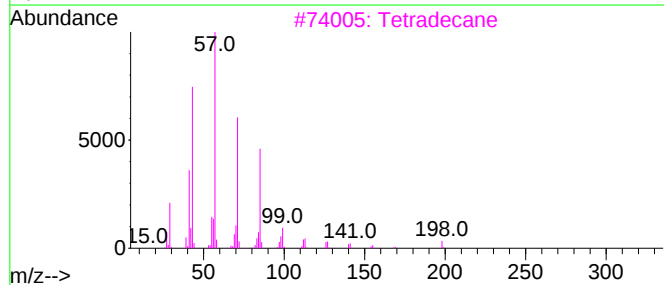
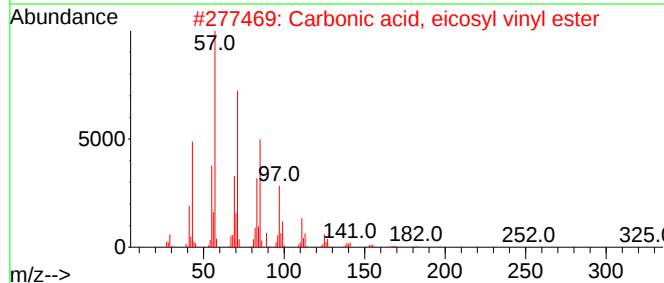
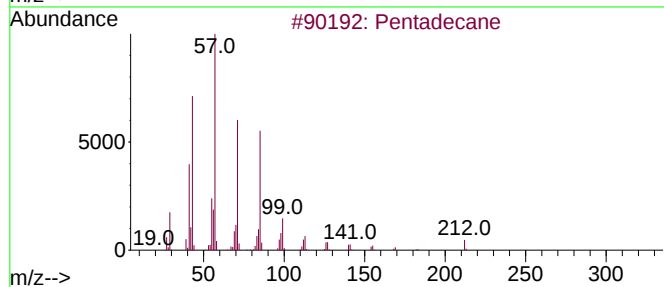
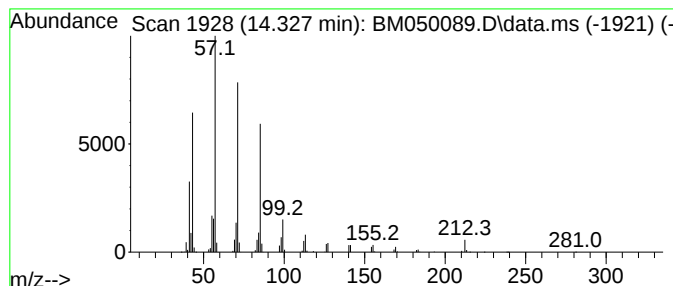
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.328	49.53 ng	20515900	Acenaphthene-d10	14.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	90
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
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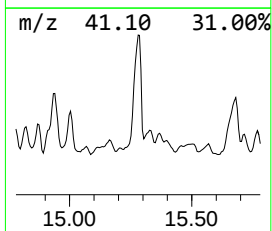
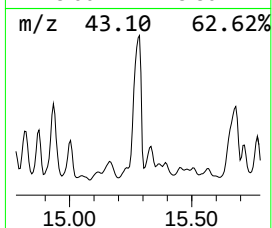
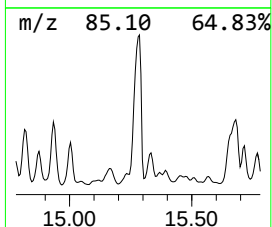
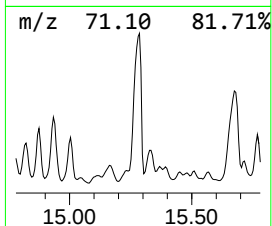
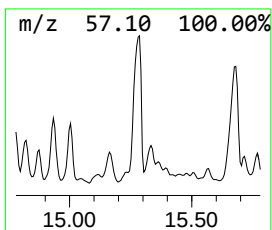
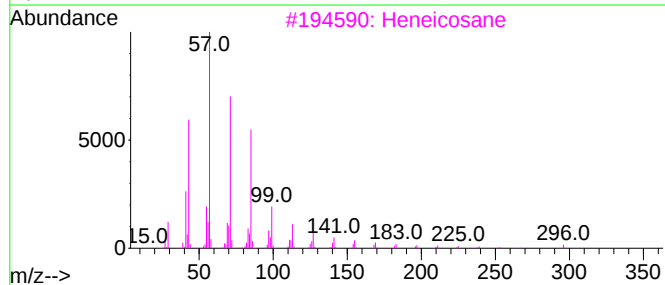
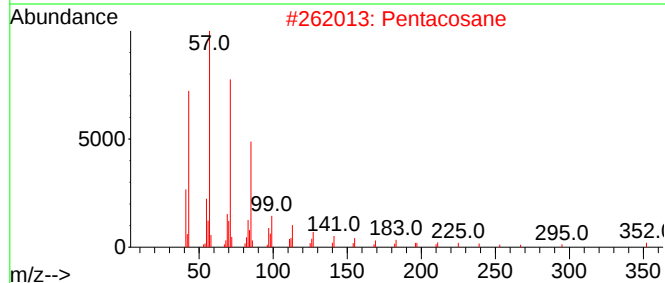
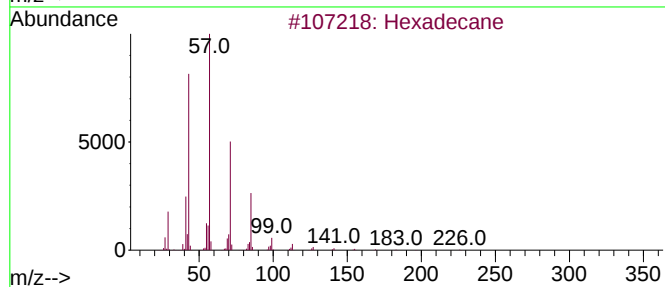
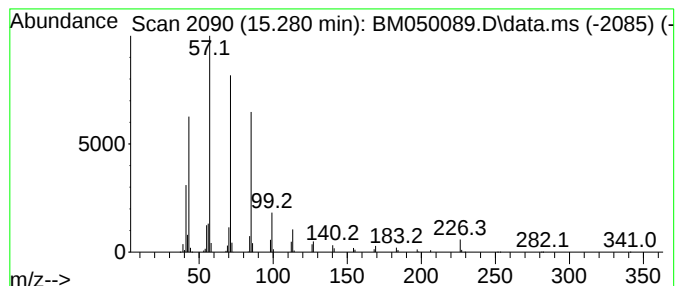
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.280	34.07 ng	14113800	Acenaphthene-d10	14.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentacosane	352	C25H52	000629-99-2	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Hexacosane	366	C26H54	000630-01-3	83
5	Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
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Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-7

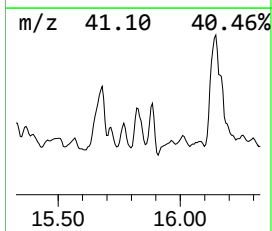
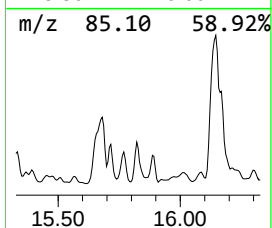
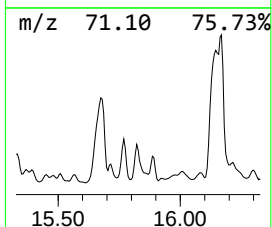
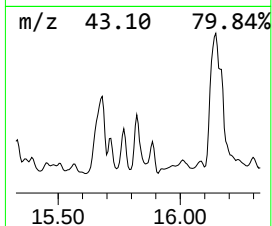
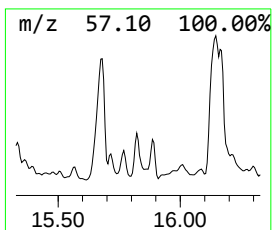
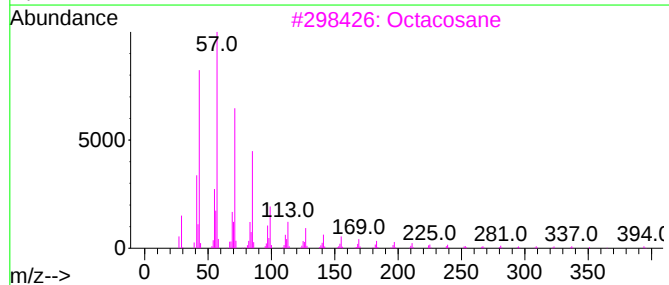
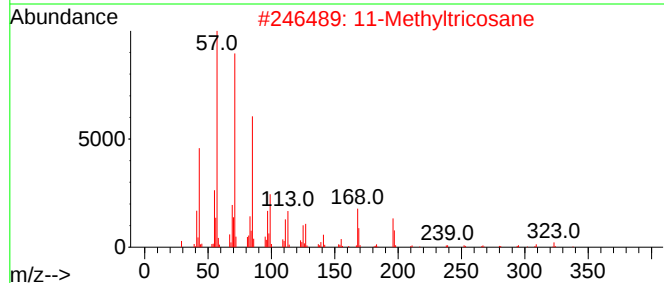
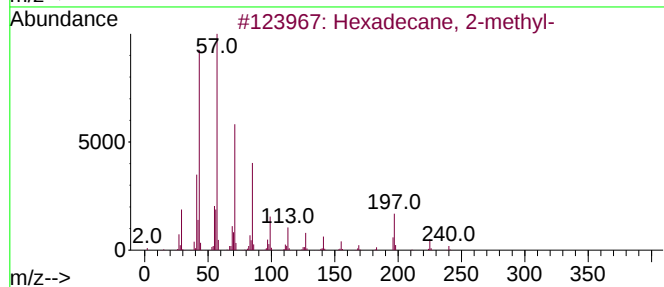
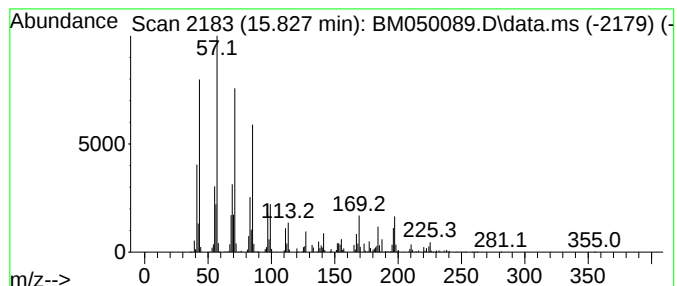
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.827	29.51 ng	7004210	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	95
2			11-Methyltricosane	338	C24H50	027538-41-6	83
3			Octacosane	394	C28H58	000630-02-4	74
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	74
5			Tridecane	184	C13H28	000629-50-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

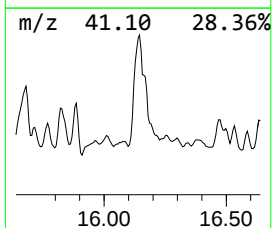
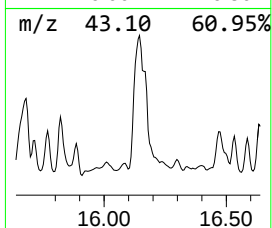
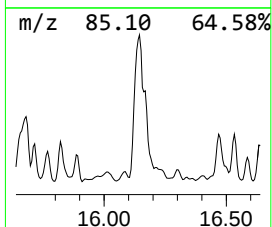
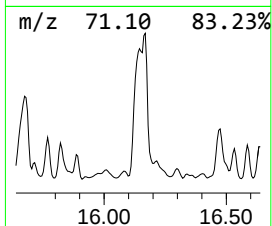
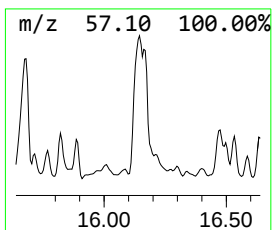
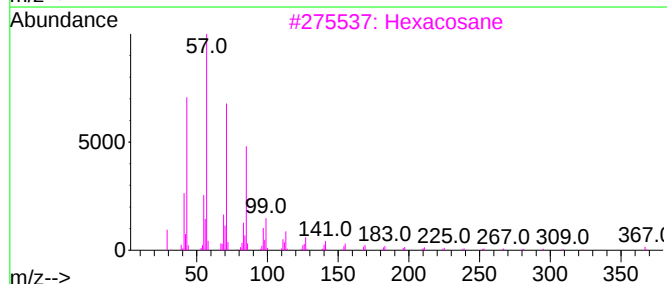
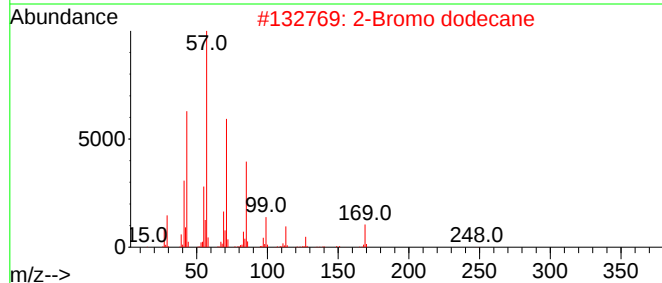
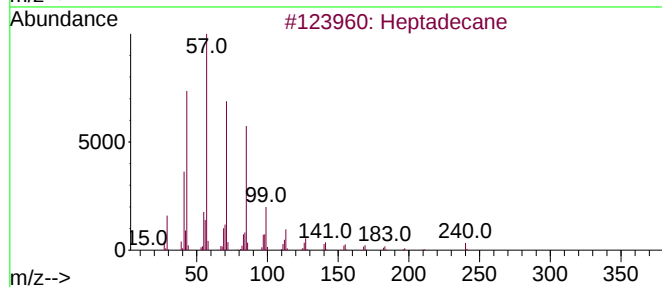
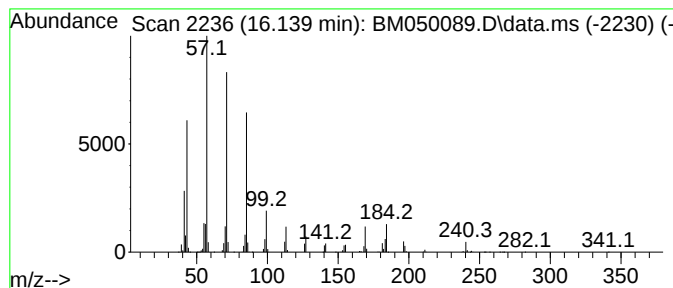
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.139	79.28 ng	18818000	Phenanthrene-d10		17.157	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	80
3	Hexacosane		366	C26H54	000630-01-3	80
4	Octadecane		254	C18H38	000593-45-3	80
5	Heneicosane		296	C21H44	000629-94-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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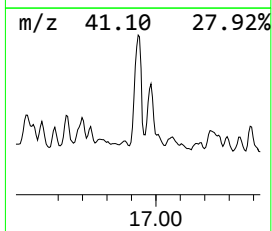
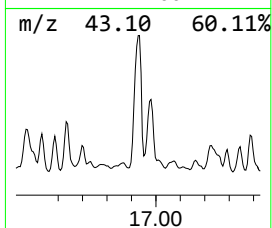
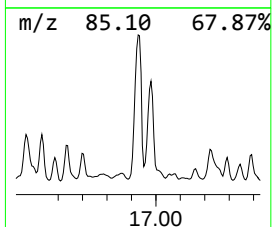
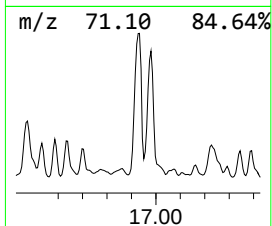
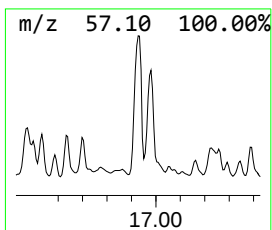
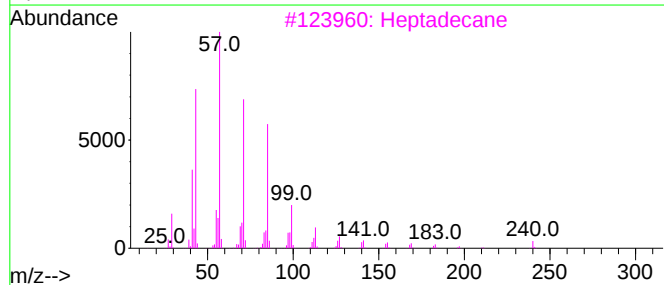
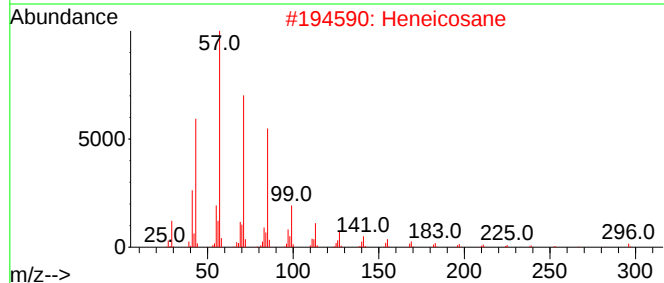
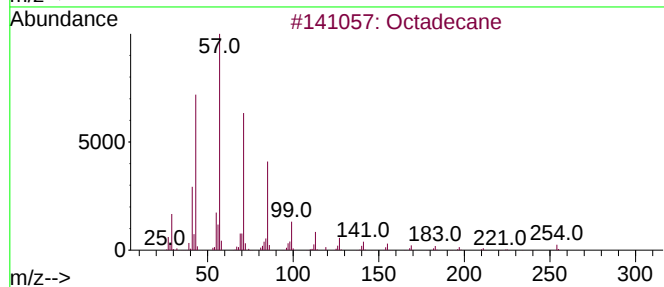
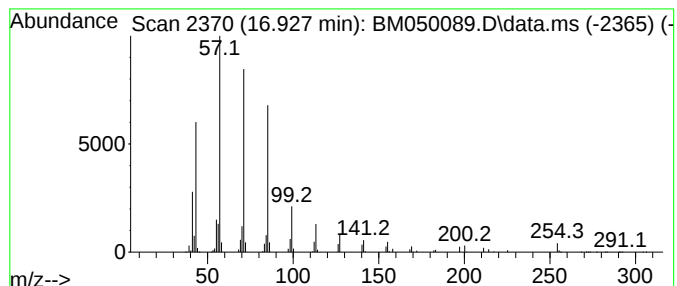
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.927	62.72 ng	14887700	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Heneicosane	296	C21H44	000629-94-7	87
3			Heptadecane	240	C17H36	000629-78-7	86
4			Octacosane	394	C28H58	000630-02-4	80
5			Docosane	310	C22H46	000629-97-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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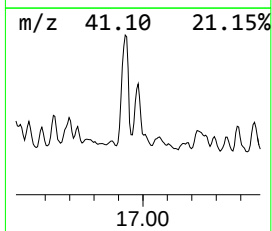
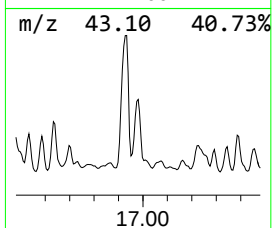
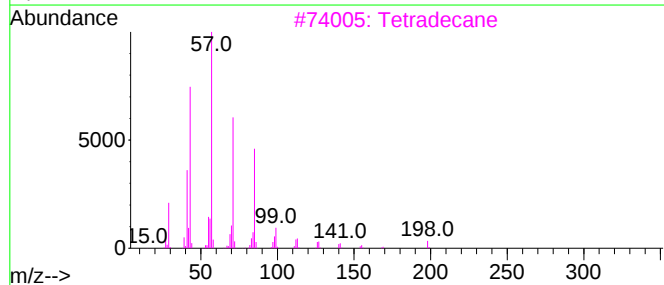
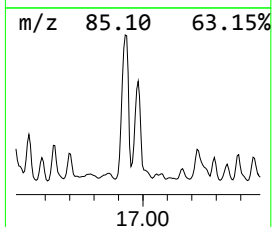
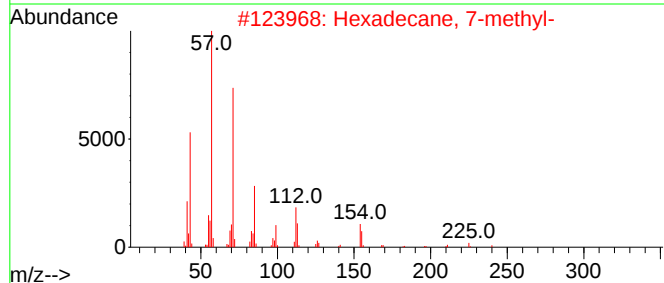
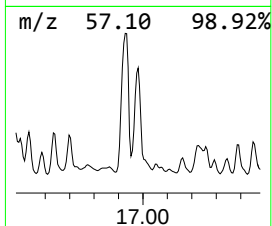
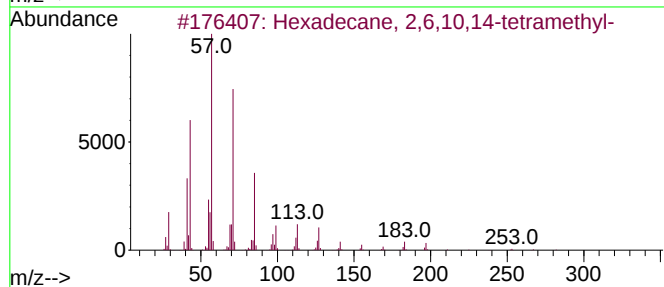
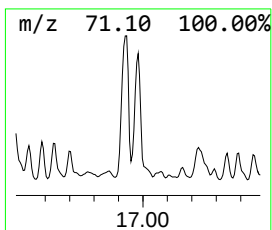
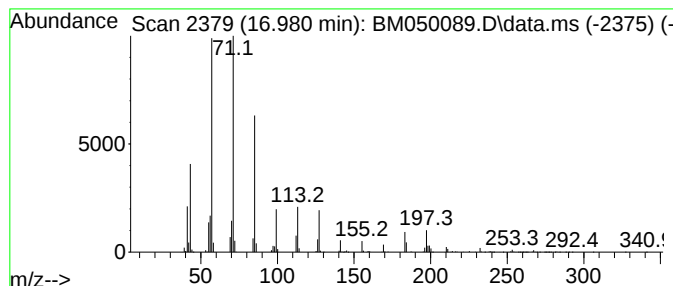
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	65.61 ng	15573400	Phenanthrene-d10	17.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	74
3		Tetradecane	198	C14H30	000629-59-4	68
4		Pentacosane	352	C25H52	000629-99-2	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
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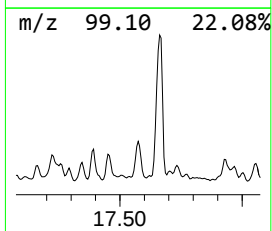
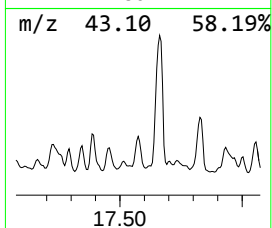
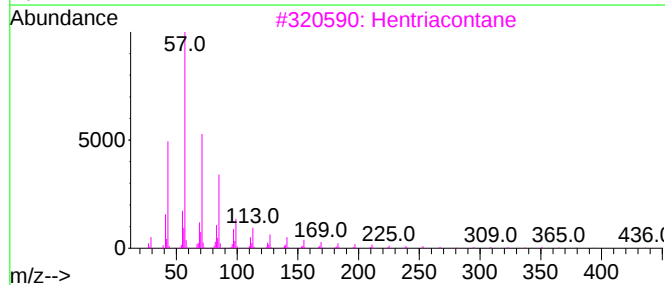
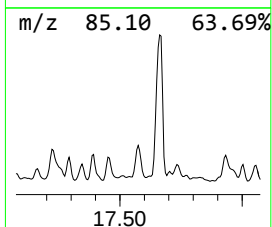
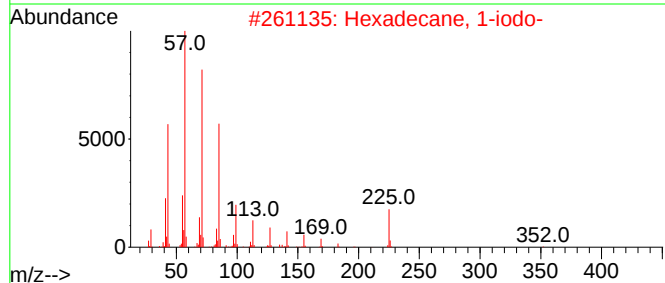
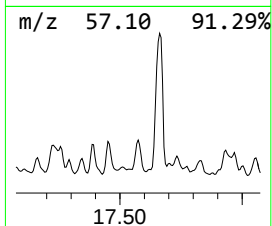
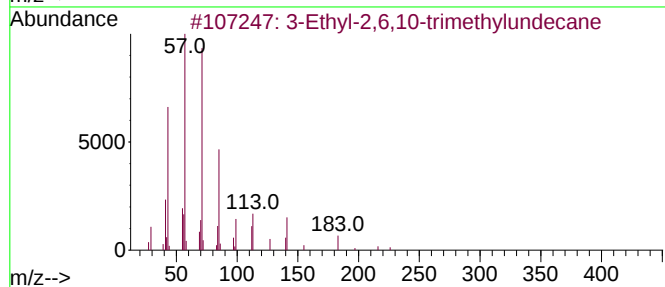
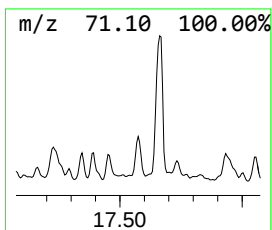
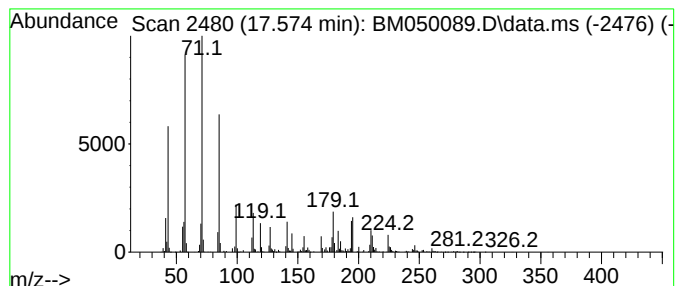
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 3-Ethyl-2,6,10-trimethylund... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.574	27.18 ng	6452380	Phenanthrene-d10	17.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34		1000432-25-9	86
2	Hexadecane, 1-iodo-	352	C16H33I		000544-77-4	64
3	Hentriacontane	437	C31H64		000630-04-6	64
4	Heptadecane, 9-hexyl-	324	C23H48		055124-79-3	64
5	Octacosane	394	C28H58		000630-02-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
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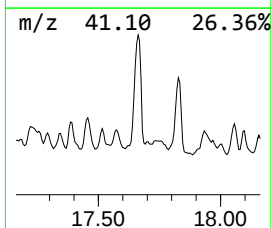
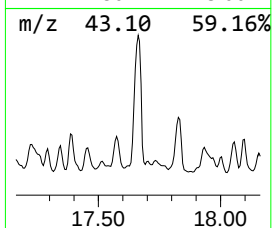
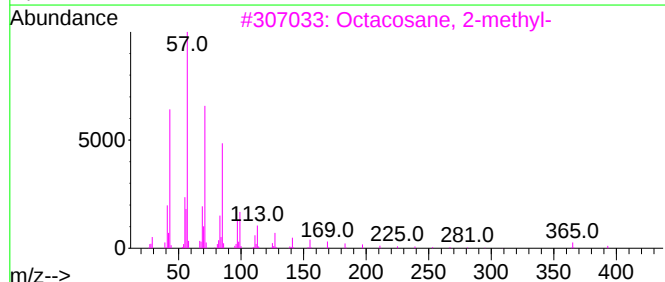
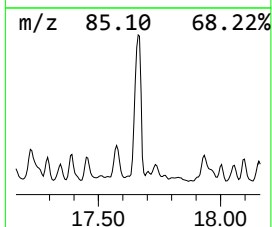
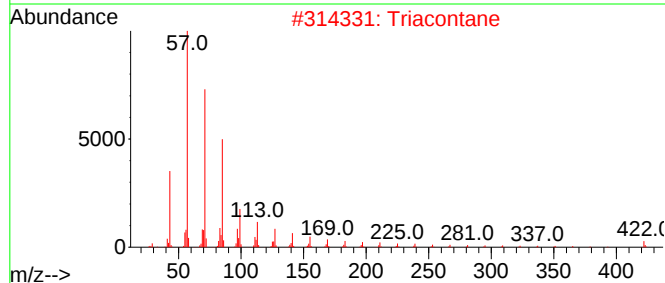
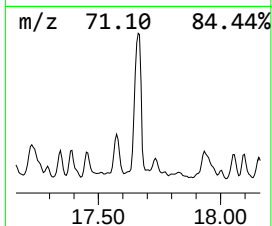
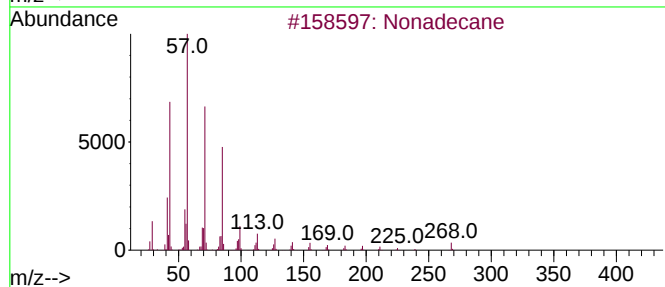
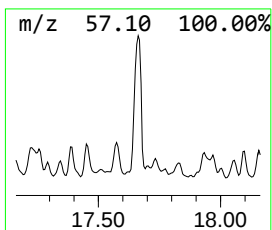
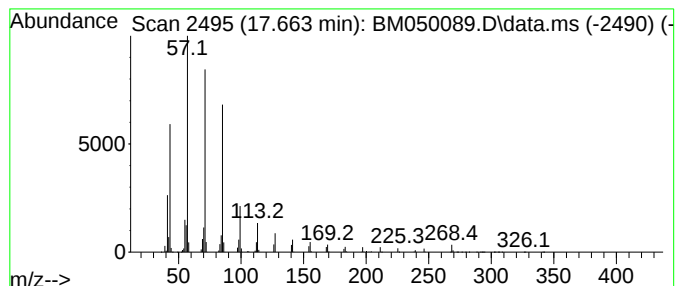
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.663	66.48 ng	15780100	Phenanthrene-d10		17.157	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	96
2	Triacontane		422	C30H62	000638-68-6	90
3	Octacosane, 2-methyl-		408	C29H60	001560-98-1	90
4	Heneicosane		296	C21H44	000629-94-7	87
5	Octadecane		254	C18H38	000593-45-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
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ClientSampleId :
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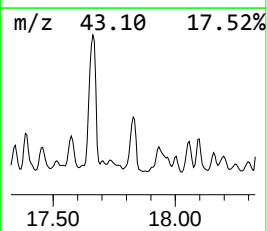
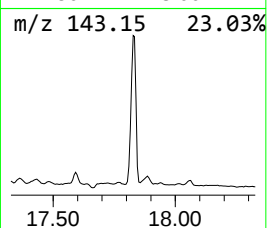
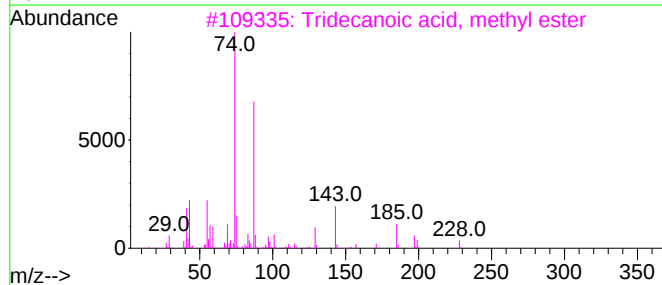
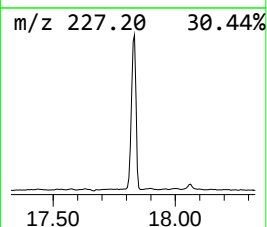
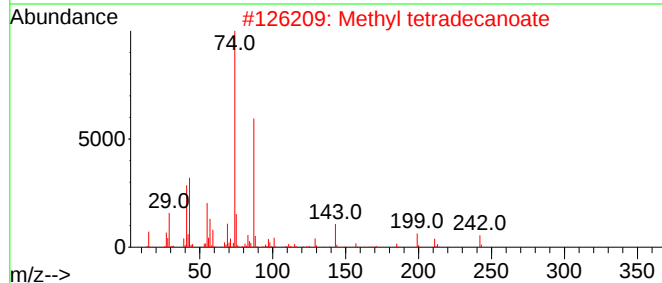
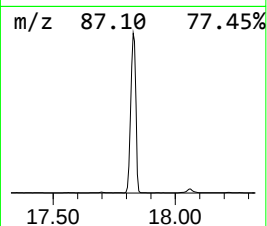
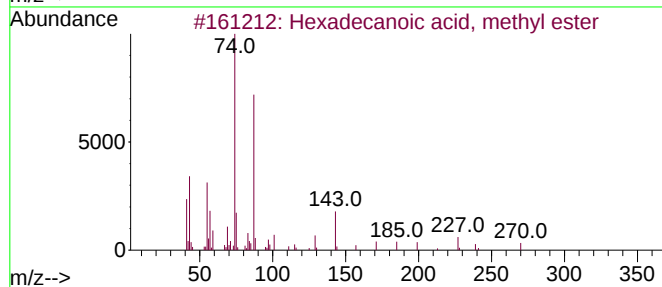
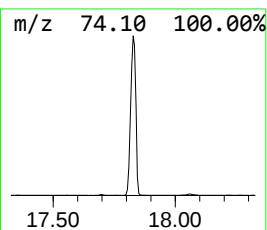
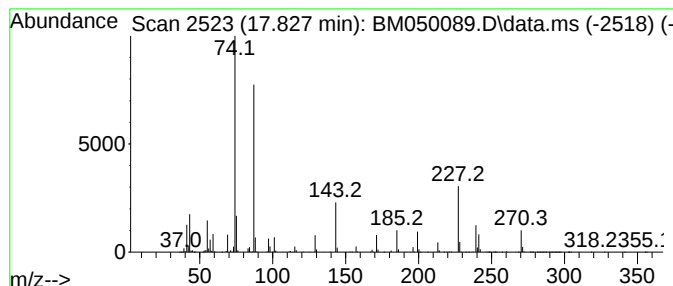
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	75.60 ng	17944500	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	89
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4			Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	87
5			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
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Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

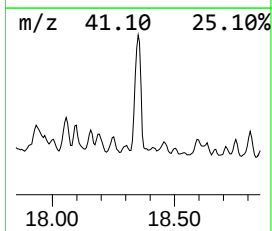
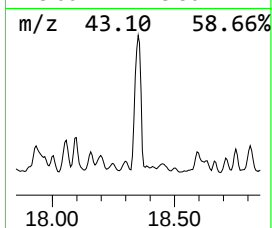
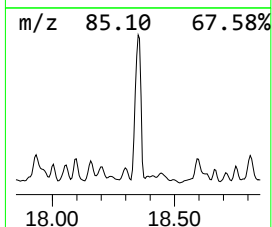
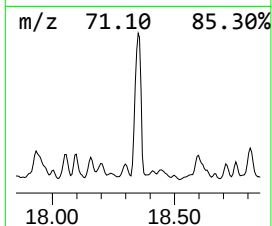
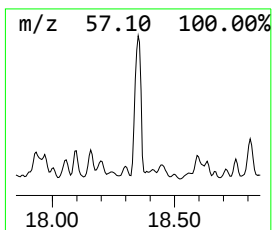
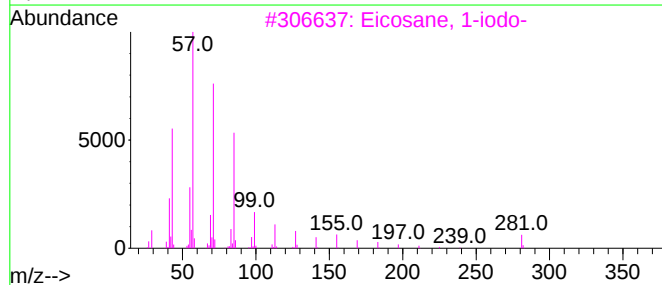
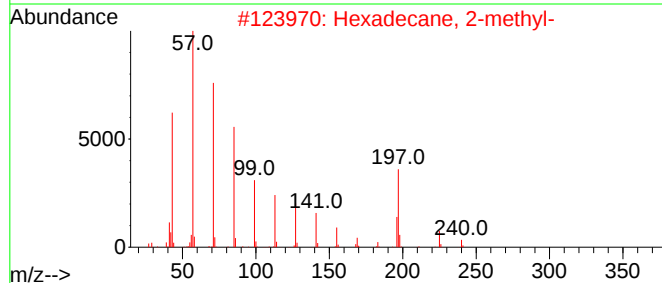
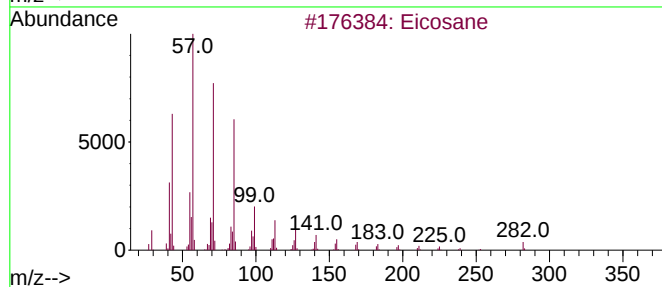
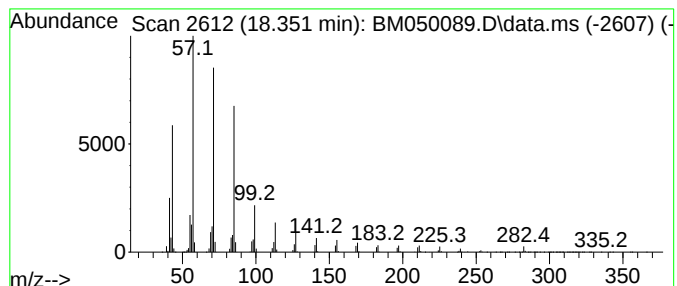
Instrument :
BNA_M
ClientSampleId :
SS-7

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

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

Peak Number 17 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.351	68.08 ng	16160000	Phenanthrene-d10	17.157	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
3	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-7

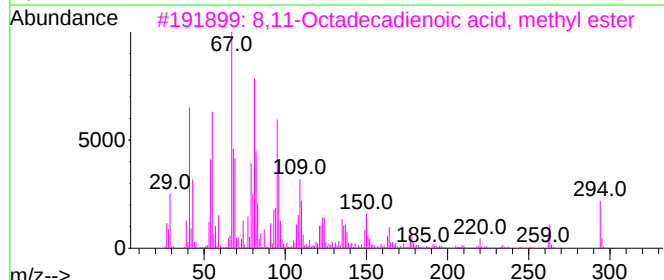
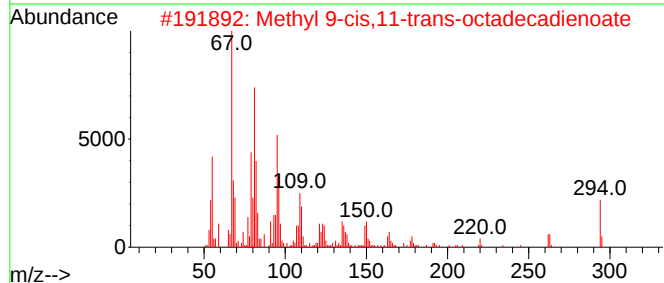
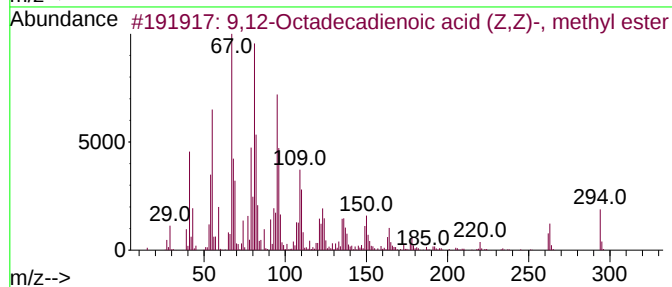
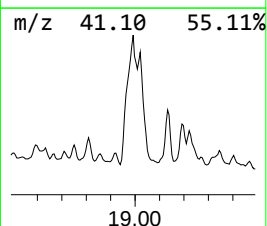
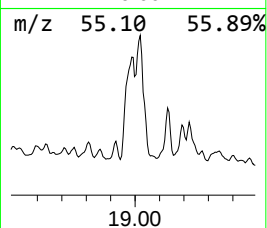
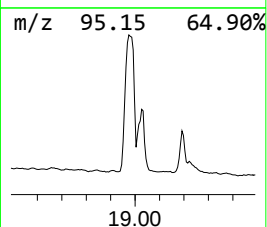
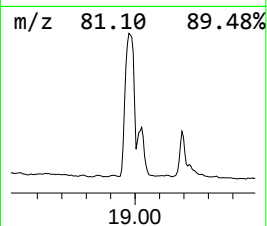
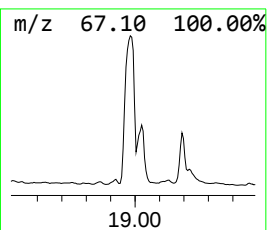
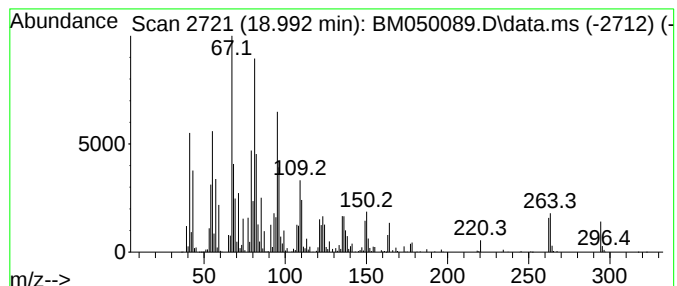
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	165.65 ng	39318700	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3			8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
5			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-7

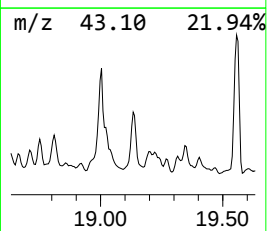
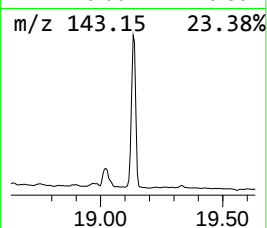
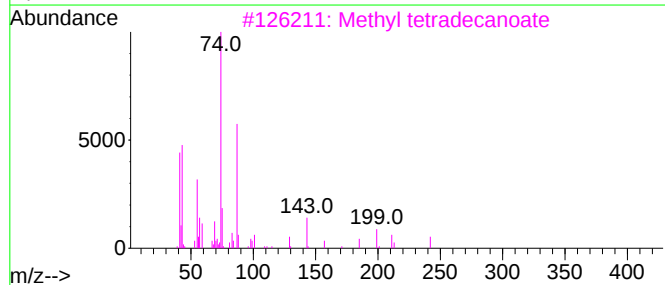
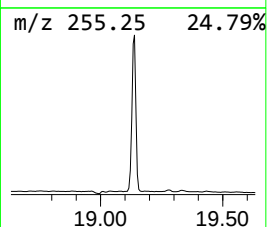
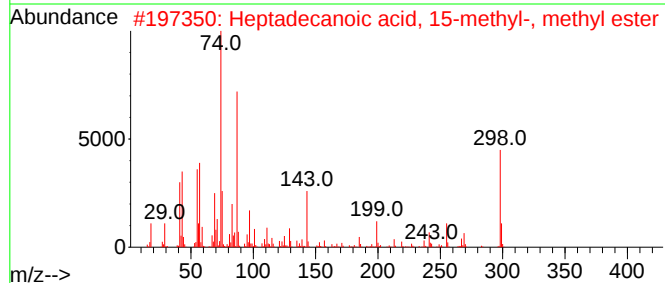
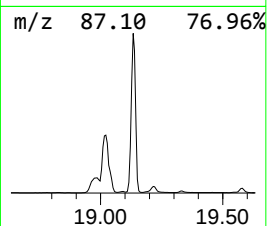
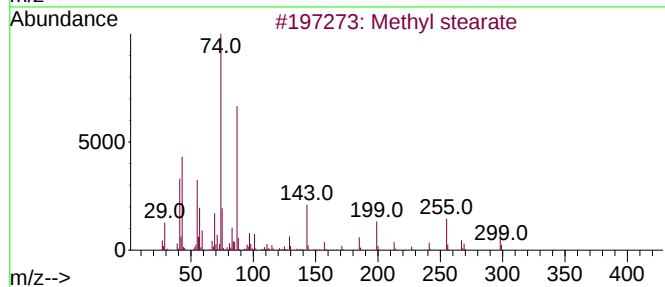
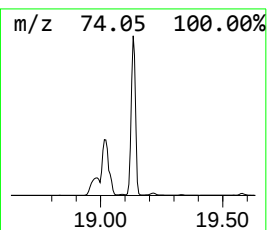
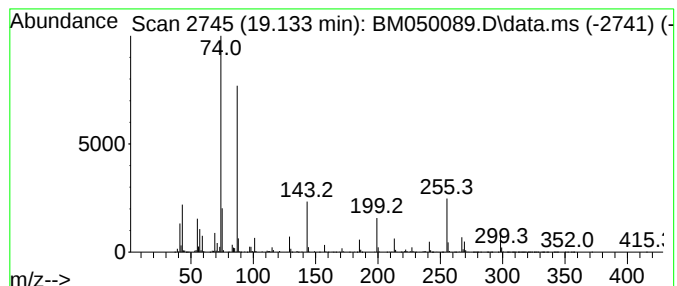
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl stearate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.133	43.60 ng	10348200	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	94
2			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	76
5			2-Methylpentadecanoic acid	256	C16H32O2	025354-92-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050089.D
Acq On : 02 May 2025 17:17
Operator : RC/JU
Sample : Q1914-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-7

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.387	69.6	ng	32490900	1	7.751	9340720	20.0
Benzene, 1,4-di...	8.393	46.8	ng	21867400	1	7.751	9340720	20.0
Undecane	8.992	54.9	ng	25638000	1	7.751	9340720	20.0
unknown9.110	9.110	33.9	ng	15833500	1	7.751	9340720	20.0
Tridecane, 2-me...	12.804	30.9	ng	12812700	3	14.410	8284500	20.0
Tridecane, 3-me...	12.898	28.8	ng	11927600	3	14.410	8284500	20.0
Naphthalene, 1,...	13.357	30.0	ng	12409100	3	14.410	8284500	20.0
Pentadecane	14.328	49.5	ng	20515900	3	14.410	8284500	20.0
Hexadecane	15.280	34.1	ng	14113800	3	14.410	8284500	20.0
Hexadecane, 2-m...	15.827	29.5	ng	7004210	4	17.157	4747330	20.0
Heptadecane	16.139	79.3	ng	18818000	4	17.157	4747330	20.0
Octadecane	16.927	62.7	ng	14887700	4	17.157	4747330	20.0
Hexadecane, 2,6...	16.980	65.6	ng	15573400	4	17.157	4747330	20.0
3-Ethyl-2,6,10-...	17.574	27.2	ng	6452380	4	17.157	4747330	20.0
Nonadecane	17.663	66.5	ng	15780100	4	17.157	4747330	20.0
Hexadecanoic ac...	17.827	75.6	ng	17944500	4	17.157	4747330	20.0
Eicosane	18.351	68.1	ng	16160000	4	17.157	4747330	20.0
9,12-Octadecadi...	18.992	165.7	ng	39318700	4	17.157	4747330	20.0
Methyl stearate	19.133	43.6	ng	10348200	4	17.157	4747330	20.0
Triacontane	20.086	28.4	ng	9522170	5	21.386	6707690	20.0