

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049867.D
 Acq On : 09 Apr 2025 14:26
 Operator : RC/JU
 Sample : Q1742-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-040725

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: BM049867.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	317	325	334	rBV	557538	787807	6.14%	0.317%
2	5.363	397	404	422	rVB	4053271	5881430	45.87%	2.367%
3	6.951	665	674	681	rBV	4020348	6434978	50.18%	2.589%
4	7.410	747	752	760	rBV2	294514	540754	4.22%	0.218%
5	7.775	806	814	820	rBV	1366112	2177755	16.98%	0.876%
6	8.887	993	1003	1005	rBV2	348499	631530	4.93%	0.254%
7	8.934	1005	1011	1018	rVV	2356439	4056062	31.63%	1.632%
8	9.010	1020	1024	1029	rVB	796330	1147210	8.95%	0.462%
9	9.139	1035	1046	1052	rVB8	254154	740297	5.77%	0.298%
10	9.498	1104	1107	1112	rVB	397998	564223	4.40%	0.227%
11	9.763	1147	1152	1159	rVV5	306427	670782	5.23%	0.270%
12	9.928	1175	1180	1184	rBV3	387464	605815	4.72%	0.244%
13	9.975	1184	1188	1191	rVV2	353806	572549	4.47%	0.230%
14	10.204	1223	1227	1233	rVB	417506	687232	5.36%	0.277%
15	10.557	1279	1287	1295	rBV2	2668687	5656002	44.11%	2.276%
16	10.692	1306	1310	1315	rVV3	370679	824326	6.43%	0.332%
17	10.745	1315	1319	1324	rVV	645994	976704	7.62%	0.393%
18	10.798	1324	1328	1337	rVV7	258083	652382	5.09%	0.263%
19	11.039	1365	1369	1372	rBV	332341	455921	3.56%	0.183%
20	11.280	1406	1410	1414	rVV4	489185	946895	7.38%	0.381%
21	11.345	1417	1421	1427	rVB2	342621	626616	4.89%	0.252%
22	11.416	1428	1433	1439	rVB4	611966	991196	7.73%	0.399%
23	11.492	1439	1446	1453	rBV3	717792	1543745	12.04%	0.621%
24	11.604	1460	1465	1475	rBV3	937219	2042160	15.93%	0.822%
25	11.680	1475	1478	1484	rVB2	283395	509030	3.97%	0.205%
26	11.769	1487	1493	1501	rVB2	1040298	1834652	14.31%	0.738%
27	12.004	1528	1533	1543	rBV	2658906	4083564	31.85%	1.643%
28	12.122	1549	1553	1560	rVB2	521079	1022010	7.97%	0.411%
29	12.227	1564	1571	1579	rVB6	630826	1625328	12.68%	0.654%
30	12.451	1604	1609	1612	rBV4	332001	610097	4.76%	0.246%
31	12.492	1612	1616	1621	rVV2	1259692	2020422	15.76%	0.813%
32	12.639	1638	1641	1645	rVV2	514576	794008	6.19%	0.320%
33	12.686	1645	1649	1656	rVV3	464250	1019172	7.95%	0.410%
34	12.751	1656	1660	1666	rVV4	611746	1128898	8.80%	0.454%
35	12.822	1667	1672	1677	rVB2	557529	1072174	8.36%	0.431%
36	12.910	1682	1687	1692	rBV4	776583	1348286	10.51%	0.543%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	12.969	1692	1697	1701	rVB2	1397586	1856756	14.48%	0.747%
38	13.039	1702	1709	1719	rVB	6906643	9740712	75.96%	3.920%
39	13.204	1730	1737	1740	rBV6	297644	686623	5.35%	0.276%
40	13.251	1740	1745	1752	rVB	3947919	5696581	44.43%	2.292%
41	13.363	1758	1764	1769	rVV2	821348	1636615	12.76%	0.659%
42	13.416	1769	1773	1777	rVB3	571975	775999	6.05%	0.312%
43	13.574	1796	1800	1808	rBV5	446269	969261	7.56%	0.390%
44	13.698	1817	1821	1824	rBV5	446080	810761	6.32%	0.326%
45	13.786	1831	1836	1840	rVB5	663703	1038994	8.10%	0.418%
46	13.886	1849	1853	1855	rBV3	724192	1069519	8.34%	0.430%
47	13.916	1855	1858	1861	rVV	1454933	1979159	15.43%	0.796%
48	13.951	1861	1864	1870	rVB2	871776	1150314	8.97%	0.463%
49	14.027	1875	1877	1881	rVB	562833	653876	5.10%	0.263%
50	14.139	1890	1896	1902	rBV	699581	1401253	10.93%	0.564%
51	14.327	1923	1928	1933	rBV	5470161	6998612	54.58%	2.816%
52	14.416	1936	1943	1949	rVV	2706580	4869521	37.98%	1.960%
53	14.792	2000	2007	2010	rBV5	479178	1109860	8.66%	0.447%
54	14.827	2010	2013	2019	rVB3	758824	1127123	8.79%	0.454%
55	14.886	2019	2023	2027	rBV2	524368	756180	5.90%	0.304%
56	14.945	2030	2033	2041	rVB3	1241364	2098915	16.37%	0.845%
57	15.016	2041	2045	2048	rBV2	581271	848146	6.61%	0.341%
58	15.280	2085	2090	2095	rVB	6177526	7281532	56.79%	2.930%
59	15.463	2118	2121	2124	rBV3	348860	440181	3.43%	0.177%
60	15.686	2152	2159	2163	rBV	2112627	3467019	27.04%	1.395%
61	15.774	2170	2174	2180	rVB	1413647	2156795	16.82%	0.868%
62	15.833	2181	2184	2190	rVV3	656077	1097672	8.56%	0.442%
63	15.904	2191	2196	2205	rVB	6049792	8576213	66.88%	3.451%
64	16.139	2231	2236	2239	rBV	6343990	8607901	67.13%	3.464%
65	16.168	2239	2241	2246	rVB	2972324	3202421	24.97%	1.289%
66	16.480	2291	2294	2297	rBV2	453181	598996	4.67%	0.241%
67	16.598	2311	2314	2319	rBV3	373097	518179	4.04%	0.209%
68	16.739	2336	2338	2342	rVB	450641	515870	4.02%	0.208%
69	16.933	2366	2371	2375	rBV	5493938	6628495	51.69%	2.667%
70	16.986	2375	2380	2390	rVB2	2121088	3582475	27.94%	1.442%
71	17.162	2405	2410	2413	rBV	2902218	4128966	32.20%	1.662%
72	17.204	2413	2417	2421	rVB	1458986	1901022	14.83%	0.765%
73	17.292	2429	2432	2438	rVB	776372	1218241	9.50%	0.490%
74	17.357	2441	2443	2448	rVV3	387683	493380	3.85%	0.199%
75	17.404	2448	2451	2457	rVV2	445388	583261	4.55%	0.235%
76	17.468	2459	2462	2468	rVB2	490730	717657	5.60%	0.289%

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Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

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Max Peaks: 100

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Peak separation: 5

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77	17.586	2480	2482	2489	rVB3	480950	700957	5.47%	0.282%
78	17.668	2491	2496	2501	rVB	4751105	5953009	46.43%	2.396%
79	18.062	2560	2563	2569	rVB2	1434517	2162788	16.87%	0.870%
80	18.362	2609	2614	2619	rBV	4150823	4944074	38.56%	1.990%
81	18.827	2689	2693	2697	rBV2	505196	745525	5.81%	0.300%
82	18.998	2718	2722	2728	rVB	3179589	3817648	29.77%	1.536%
83	19.221	2755	2760	2765	rBV	5157965	6634183	51.74%	2.670%
84	19.339	2777	2780	2783	rBV	515071	695394	5.42%	0.280%
85	19.580	2812	2821	2830	rVV2	6042525	9735097	75.92%	3.917%
86	19.662	2831	2835	2839	rVB3	350412	541149	4.22%	0.218%
87	19.786	2851	2856	2860	rVB	11264575	12822793	100.00%	5.160%
88	20.074	2902	2905	2908	rBV	538098	656250	5.12%	0.264%
89	20.103	2908	2910	2915	rVB	1433349	1542706	12.03%	0.621%
90	20.174	2920	2922	2926	rVB	512033	548415	4.28%	0.221%
91	20.233	2929	2932	2935	rBV2	440800	555372	4.33%	0.223%
92	20.603	2991	2995	2998	rBV	808825	934661	7.29%	0.376%
93	20.821	3030	3032	3039	rVB	435693	650338	5.07%	0.262%
94	21.080	3073	3076	3082	rBV2	1136530	1637701	12.77%	0.659%
95	21.392	3122	3129	3134	rBV2	4318824	10134023	79.03%	4.078%
96	21.439	3134	3137	3149	rVB	2748209	4282328	33.40%	1.723%
97	23.450	3473	3479	3486	rBV	2364268	6499219	50.68%	2.615%
98	24.121	3589	3593	3606	rVB	1296941	3041672	23.72%	1.224%
99	24.256	3610	3616	3630	rVB	1979195	4885344	38.10%	1.966%
100	24.397	3634	3640	3647	rBV	1738417	4113406	32.08%	1.655%

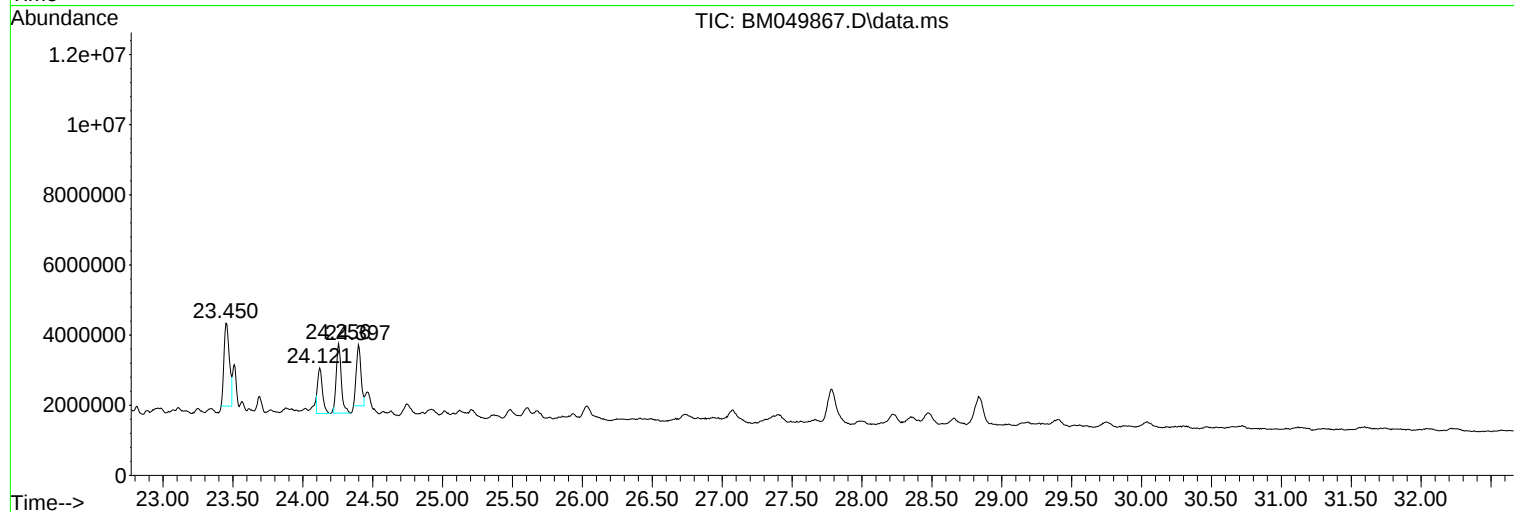
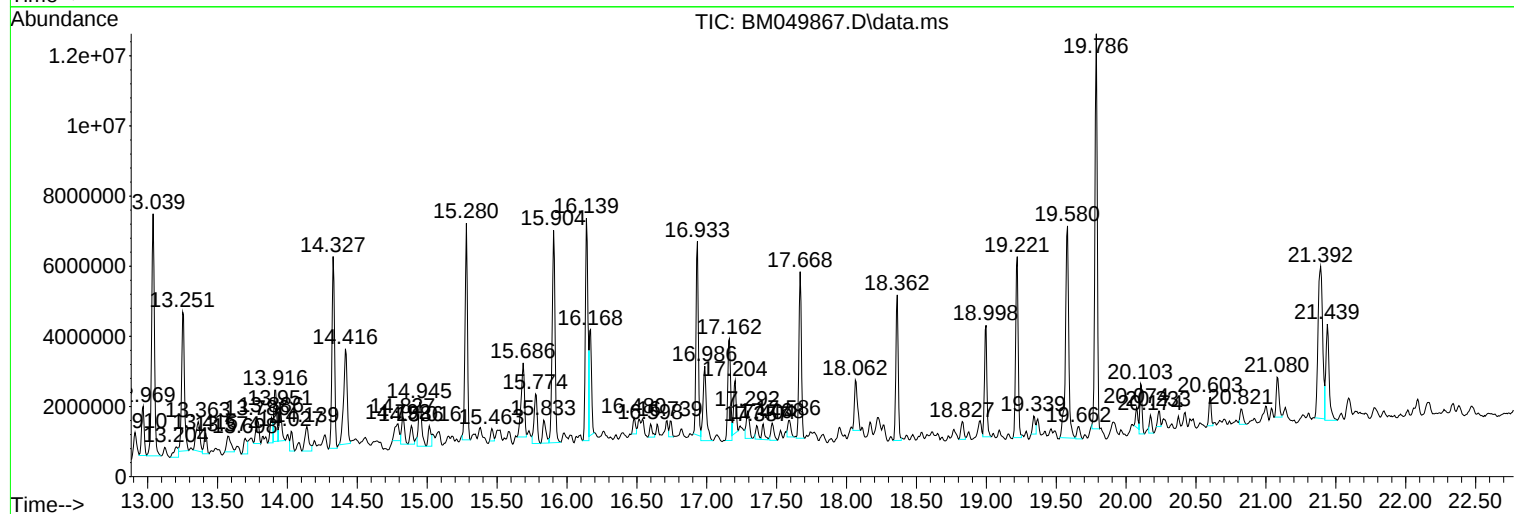
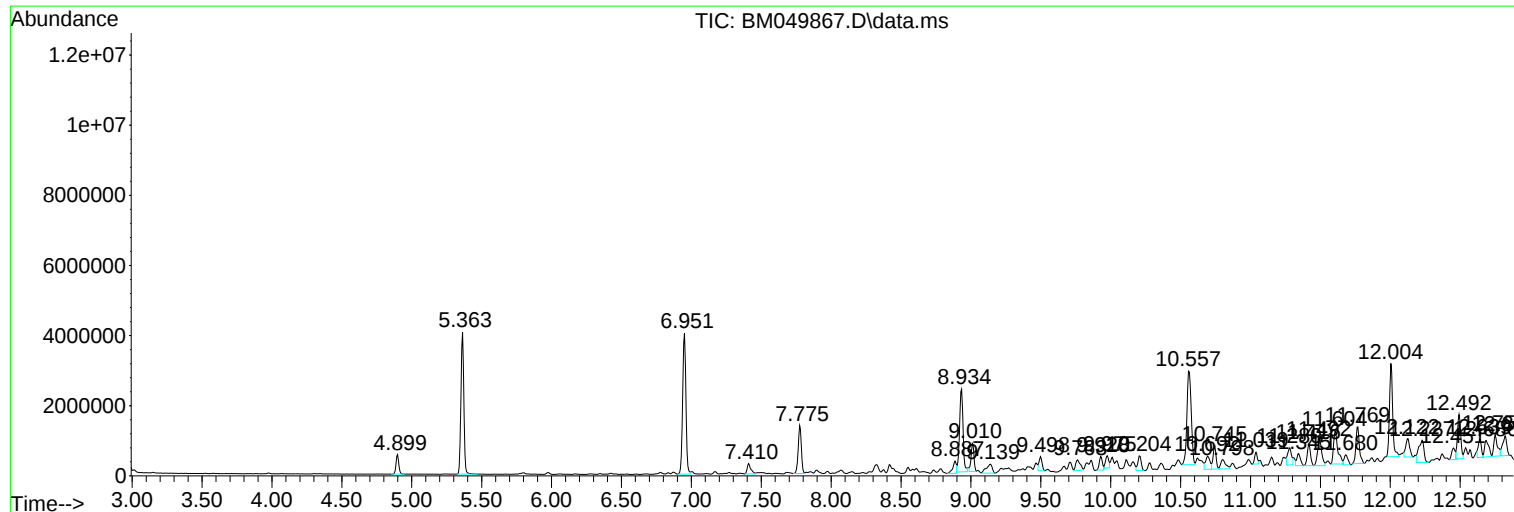
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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



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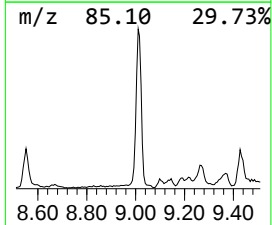
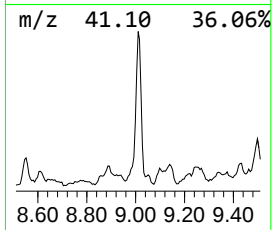
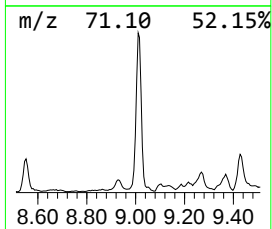
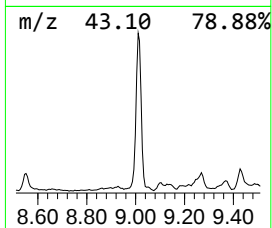
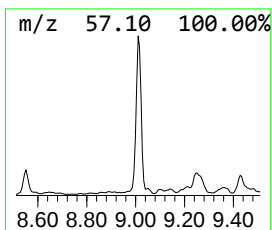
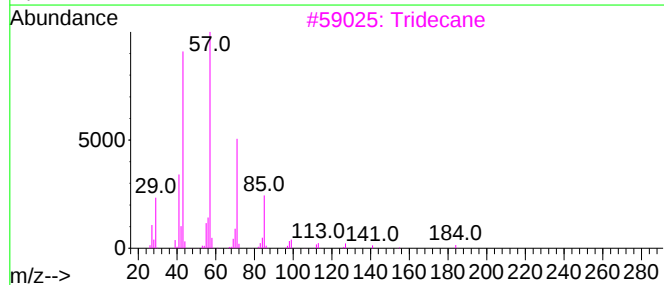
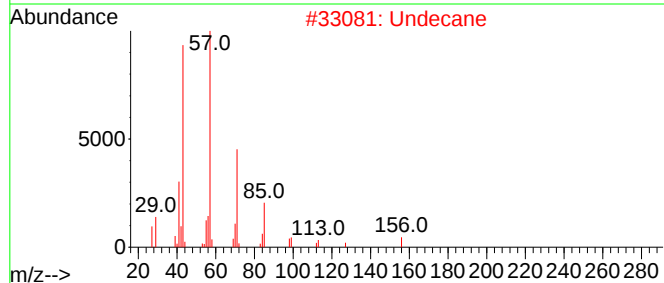
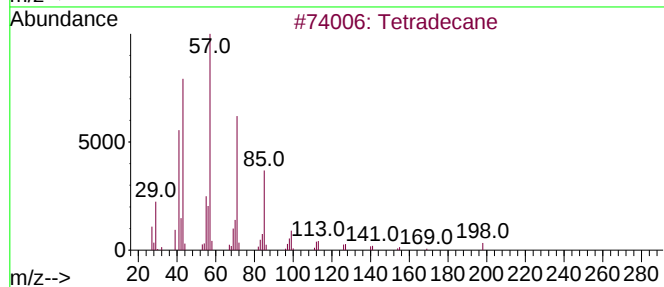
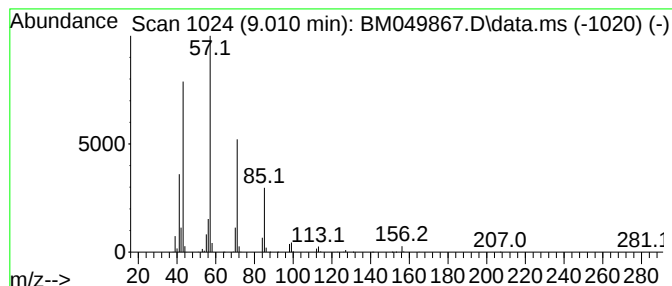
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	10.54 ng	1147210	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Undecane	156	C11H24	001120-21-4	90
3			Tridecane	184	C13H28	000629-50-5	86
4			Hexadecane	226	C16H34	000544-76-3	83
5			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	78



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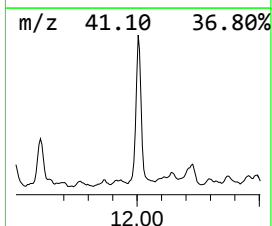
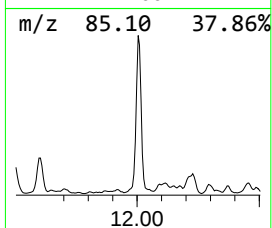
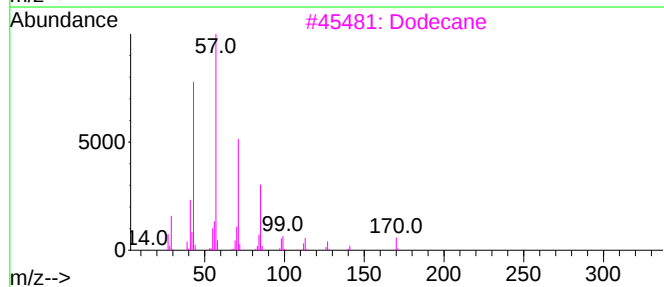
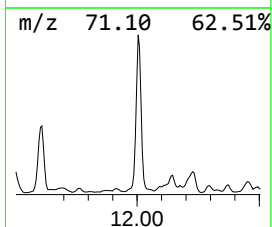
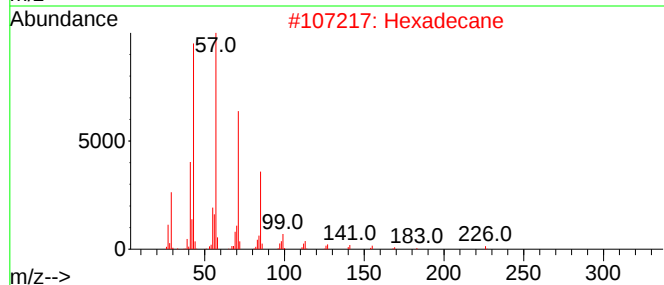
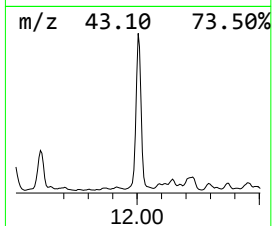
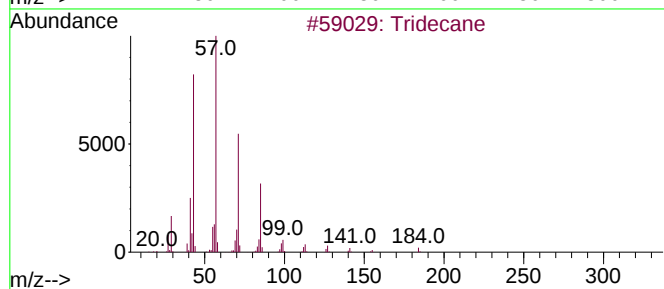
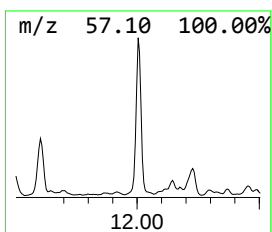
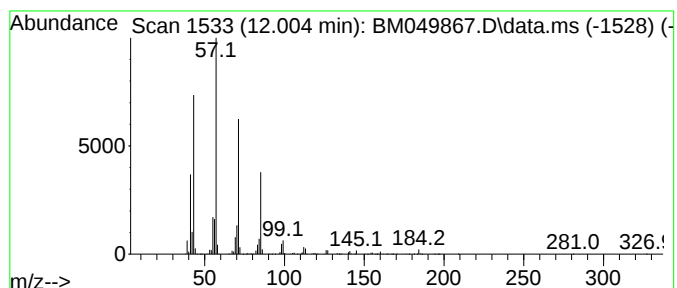
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	14.44 ng	4083560	Naphthalene-d8	10.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	90
3			Dodecane	170	C12H26	000112-40-3	83
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72



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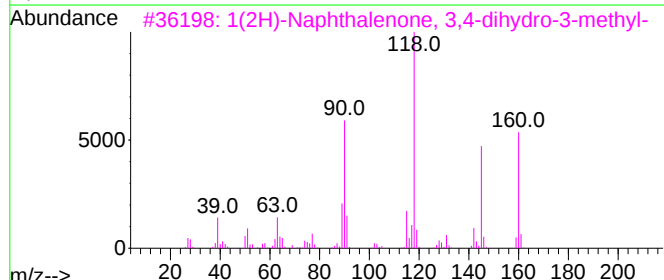
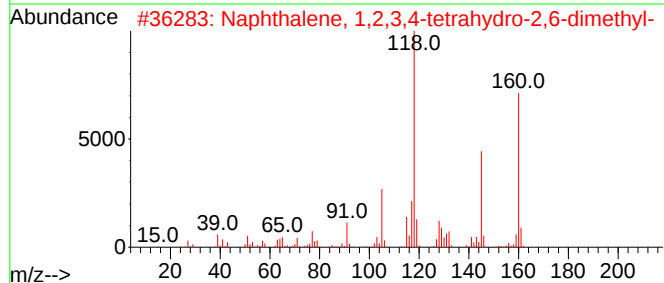
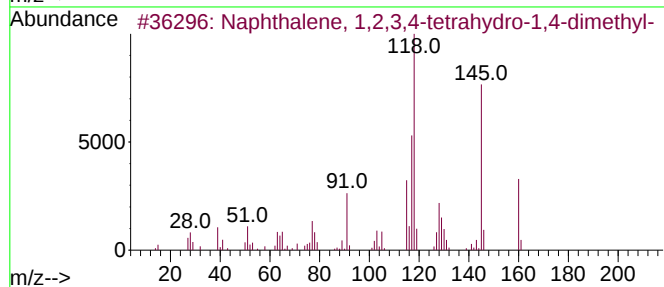
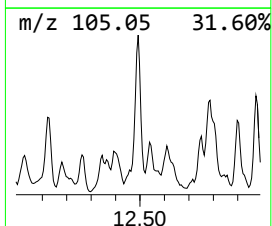
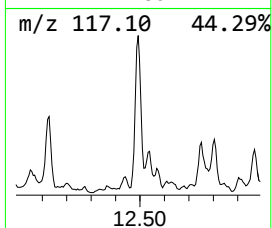
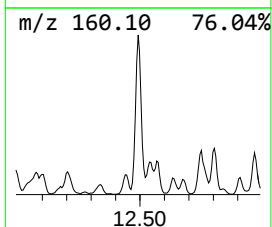
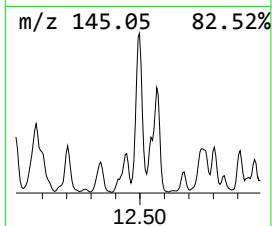
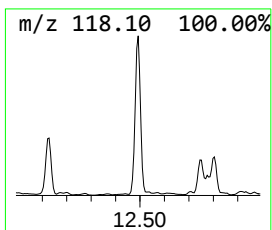
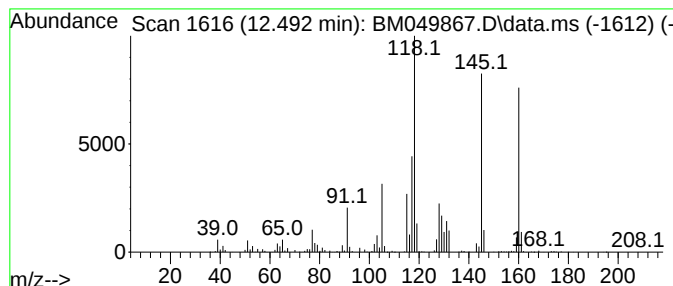
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	8.30 ng	2020420	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
3			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	74
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
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Acq On : 09 Apr 2025 14:26
Operator : RC/JU
Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-040725

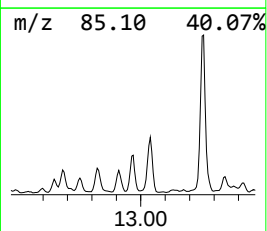
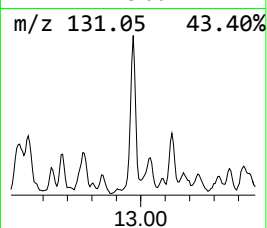
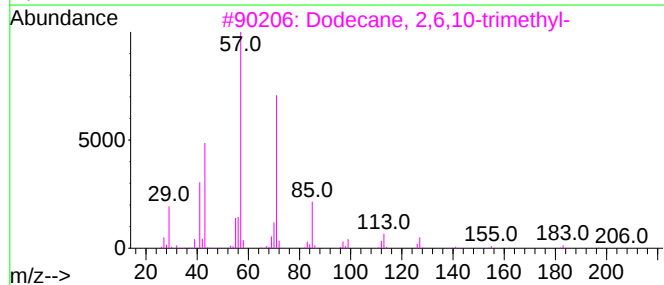
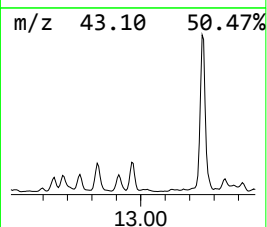
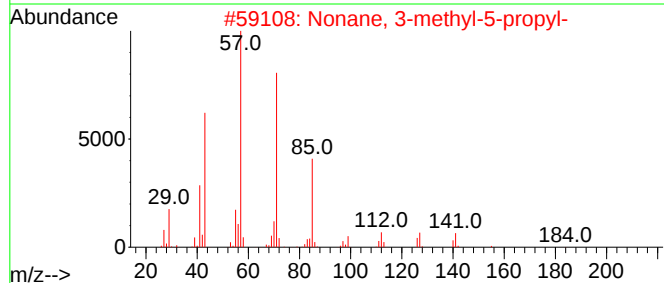
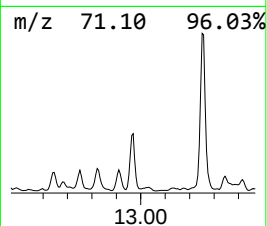
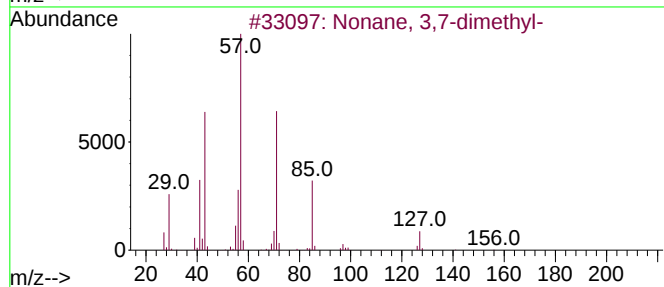
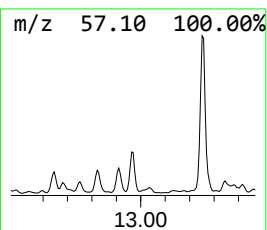
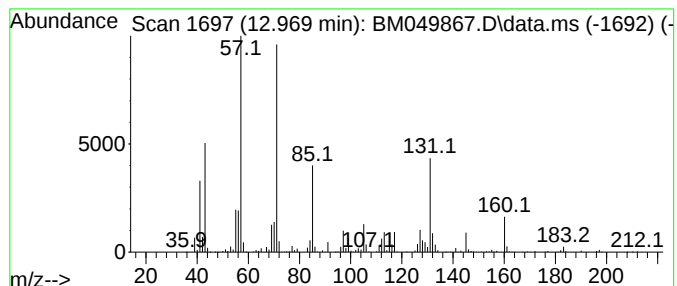
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 3,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	7.63 ng	1856760	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	49
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	46
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
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ClientSampleId :
TR-06-040725

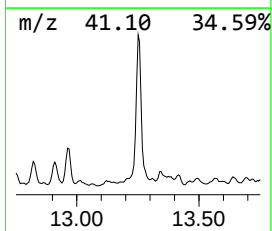
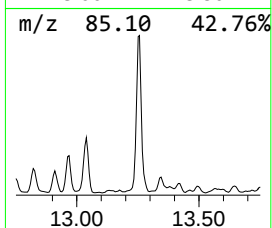
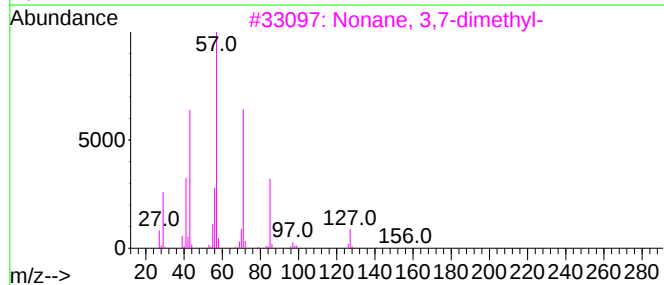
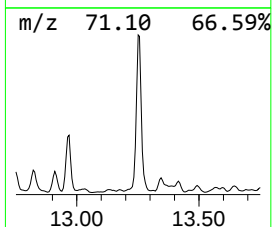
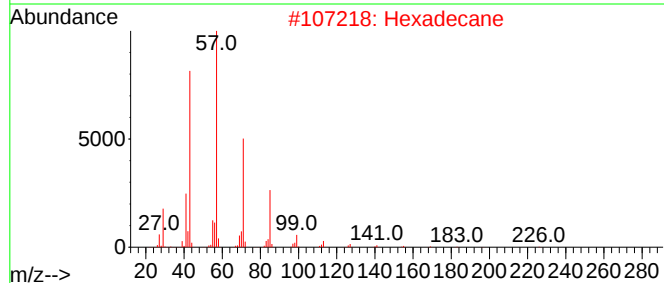
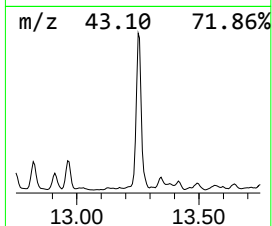
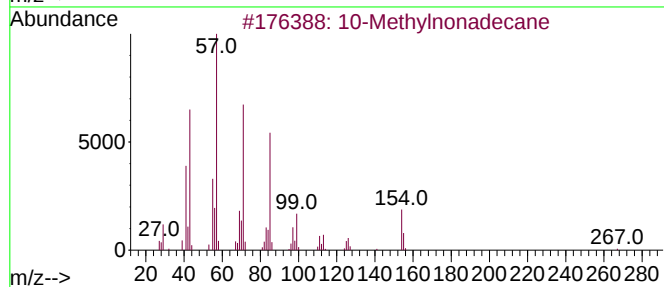
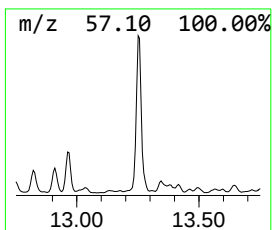
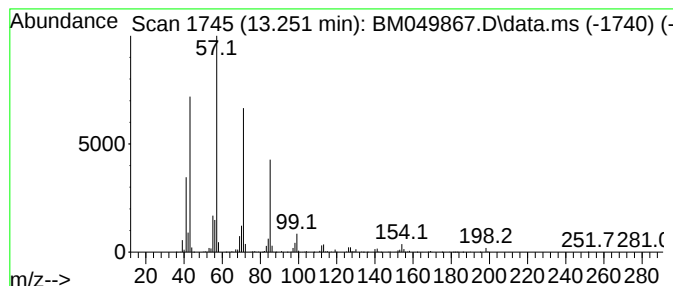
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 10-Methylnonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	23.40 ng	5696580	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	90
2			Hexadecane	226	C16H34	000544-76-3	72
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
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Sample : Q1742-01
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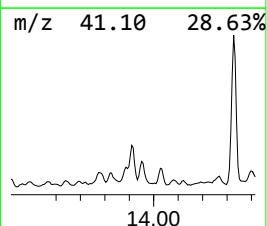
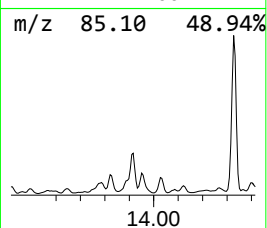
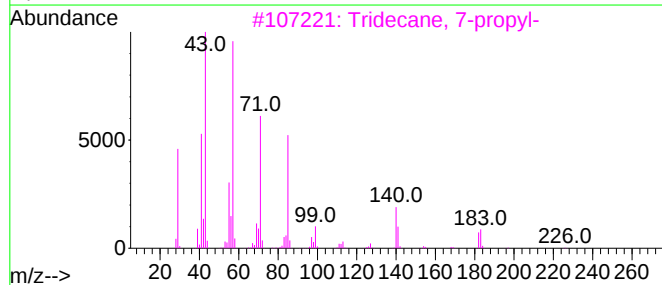
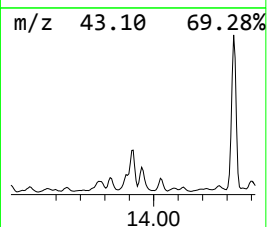
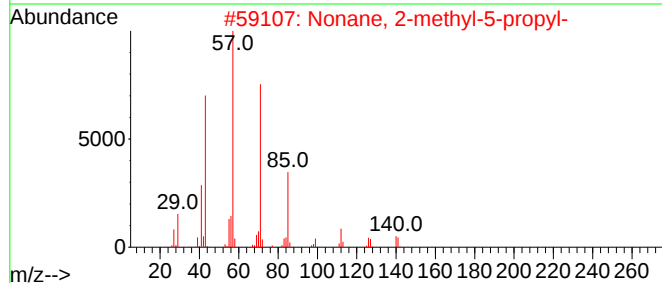
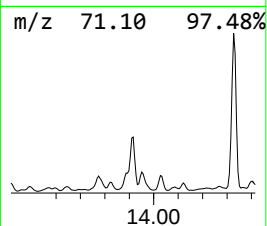
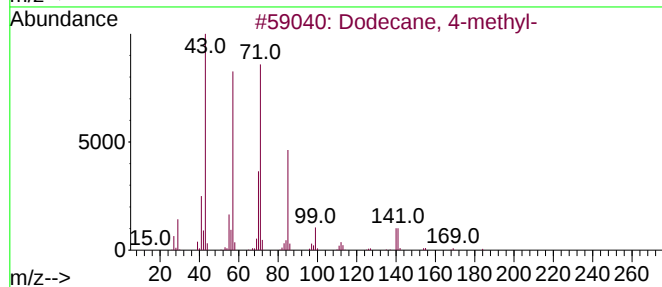
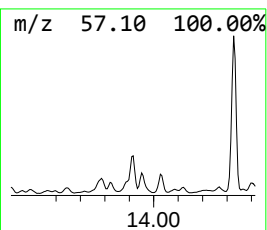
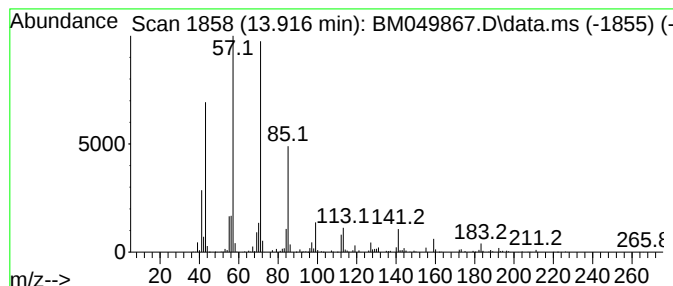
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.916	8.13 ng	1979160	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
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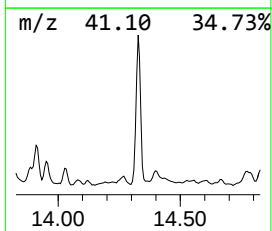
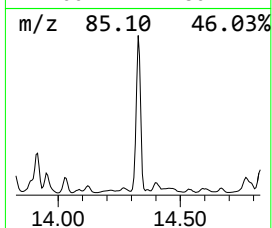
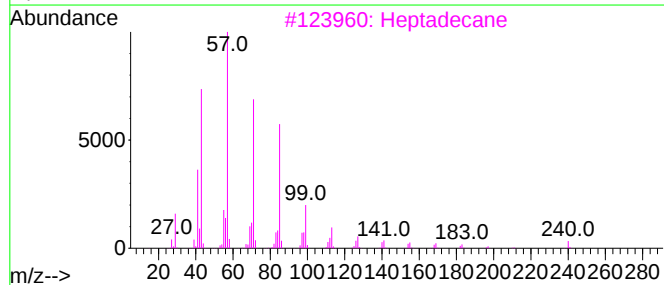
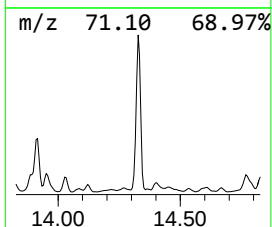
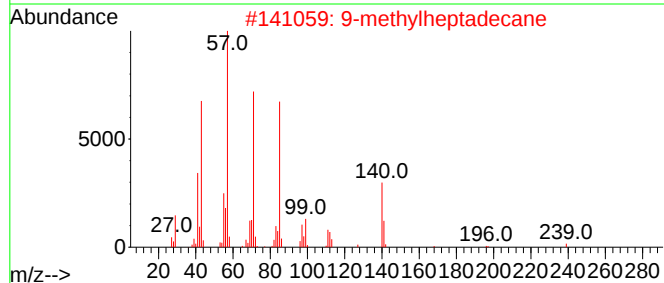
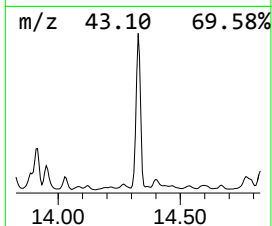
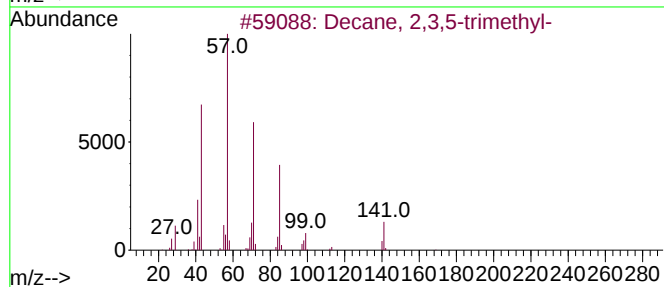
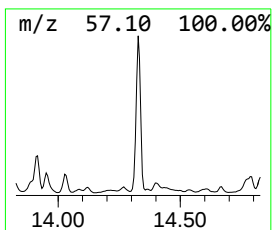
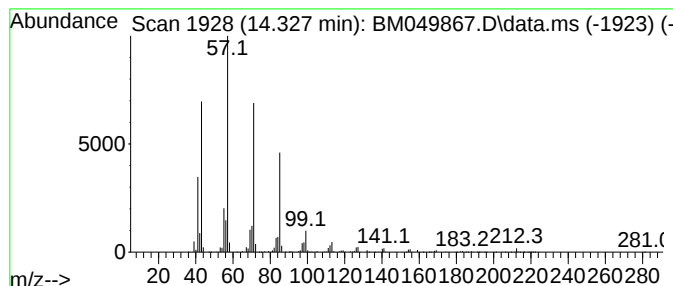
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.327	28.74 ng	6998610	Acenaphthene-d10			14.416
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	90
2	9-methylheptadecane		254	C18H38	026741-18-4	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Tetradecane		198	C14H30	000629-59-4	87
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
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Acq On : 09 Apr 2025 14:26
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ALS Vial : 10 Sample Multiplier: 1

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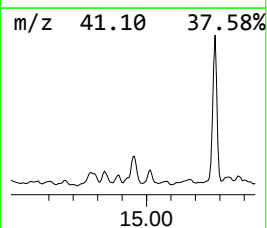
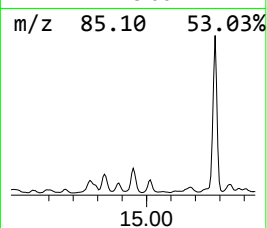
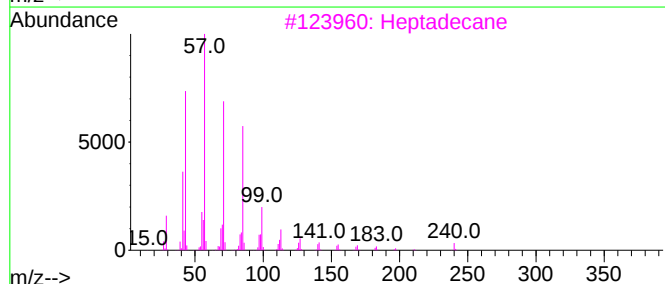
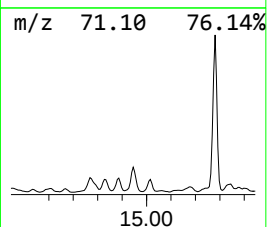
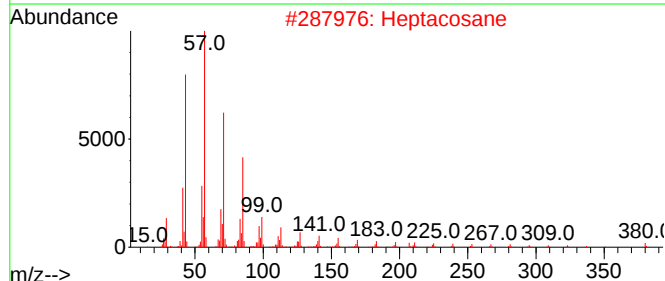
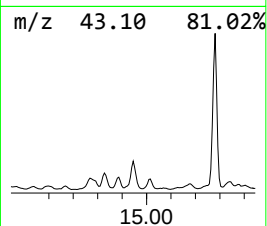
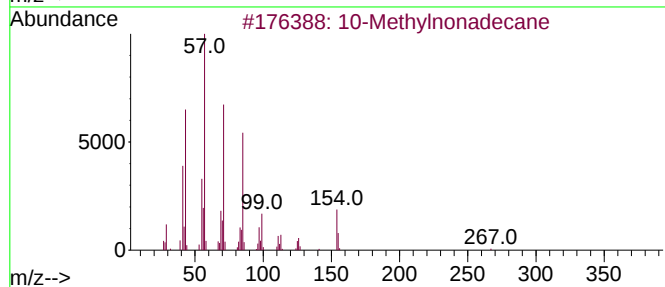
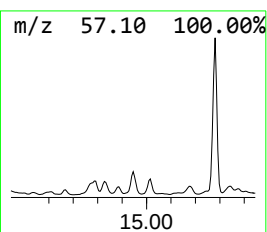
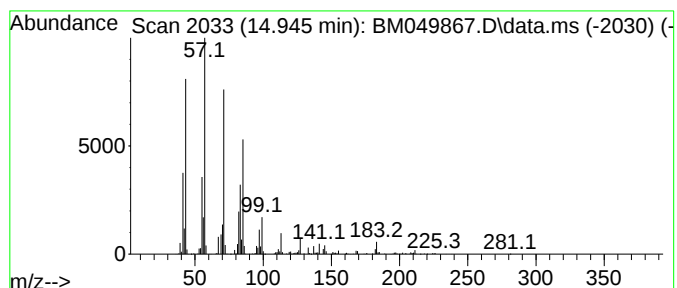
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	8.62 ng	2098920	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane		282	C20H42	056862-62-5	72
2	Heptacosane		380	C27H56	000593-49-7	72
3	Heptadecane		240	C17H36	000629-78-7	68
4	Tetracosane		338	C24H50	000646-31-1	68
5	Hexadecane		226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
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Instrument :
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ClientSampleId :
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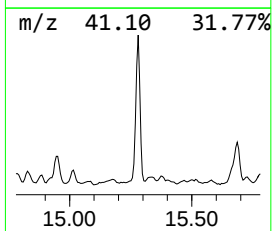
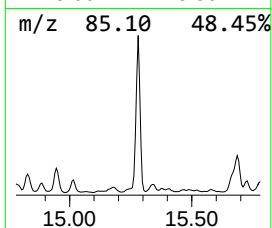
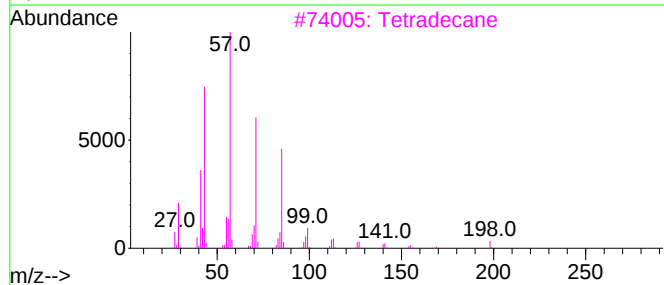
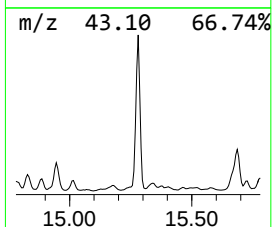
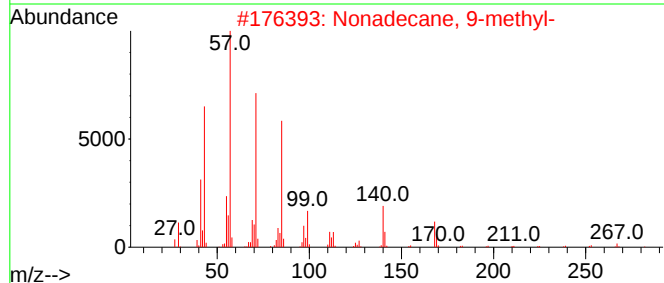
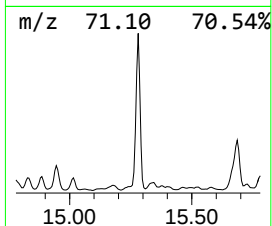
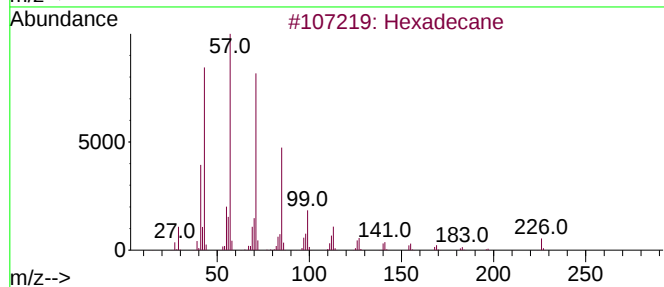
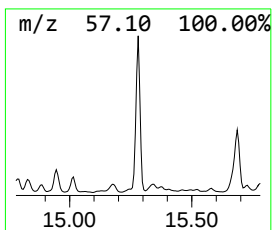
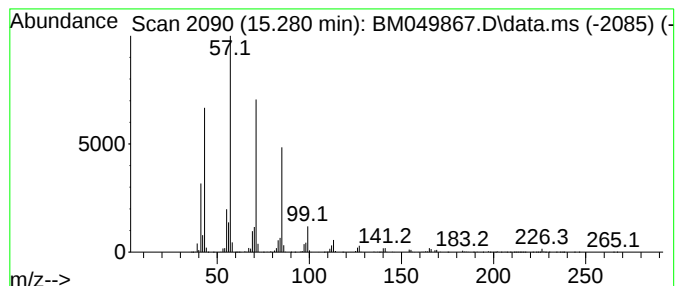
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	29.91 ng	7281530	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3			Tetradecane	198	C14H30	000629-59-4	83
4			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
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Operator : RC/JU
Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

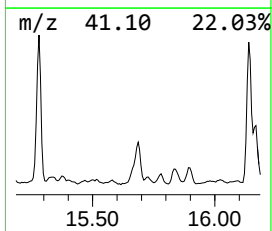
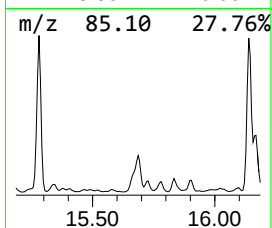
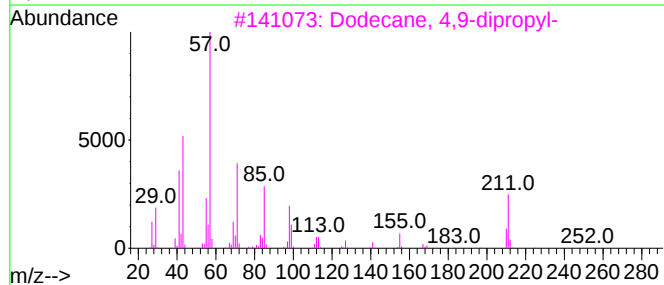
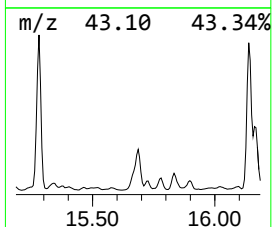
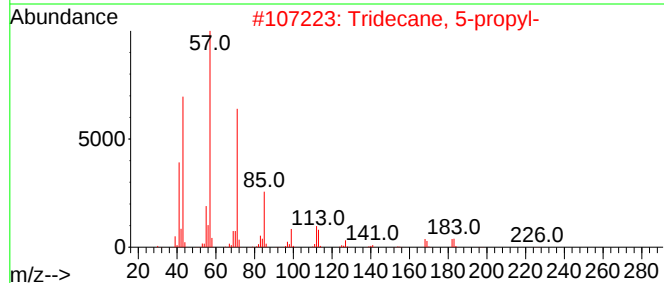
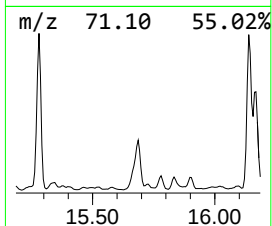
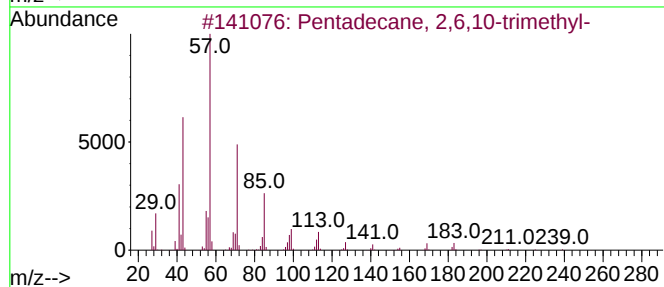
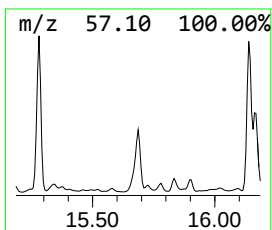
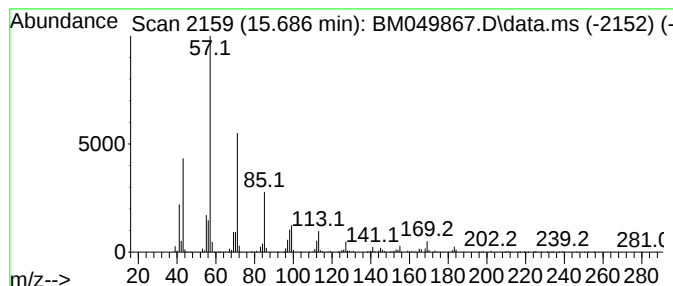
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.686	14.24 ng	3467020	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
Operator : RC/JU
Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-040725

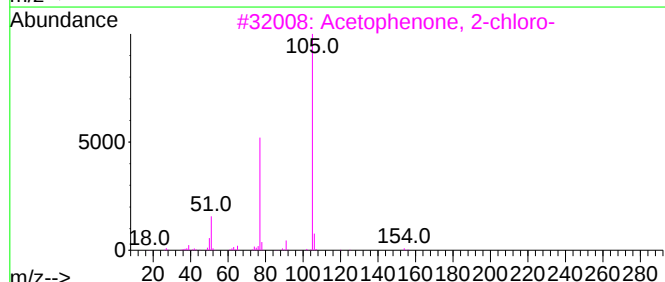
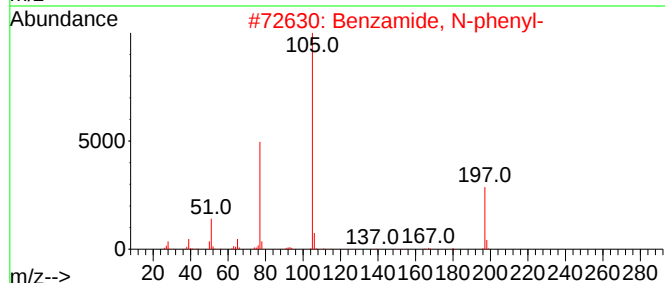
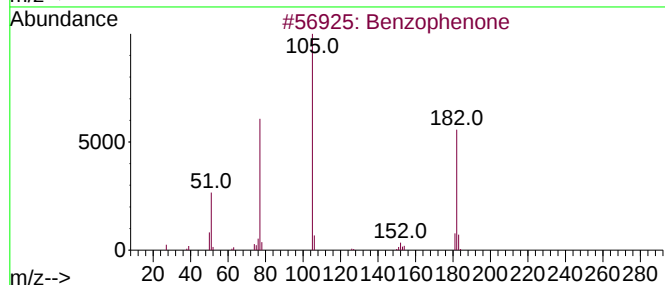
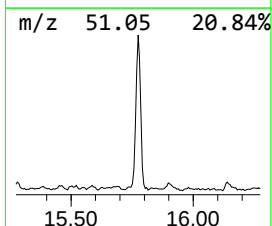
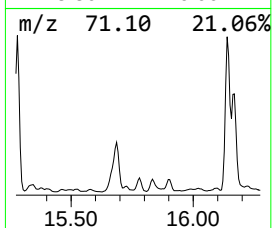
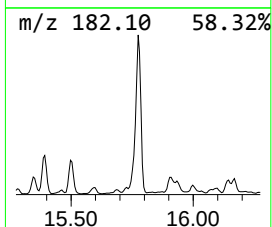
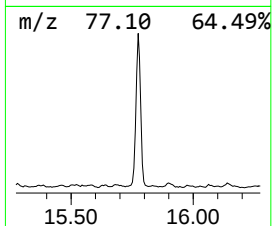
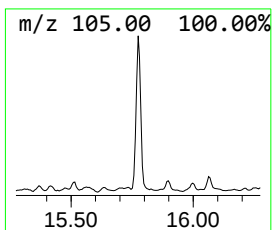
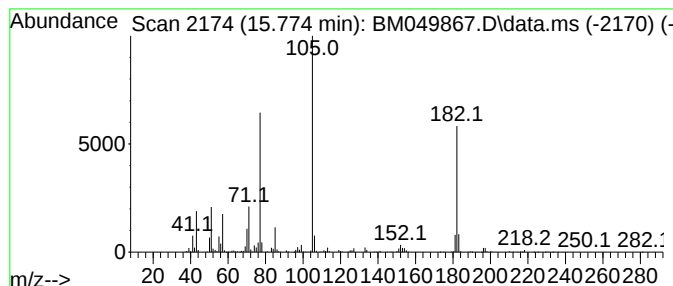
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	8.86 ng	2156800	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			Benzamide, N-phenyl-	197	C13H11NO	000093-98-1	43
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38
5			Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
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Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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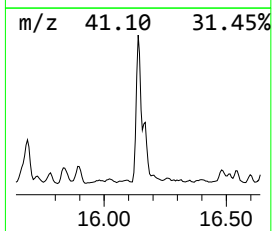
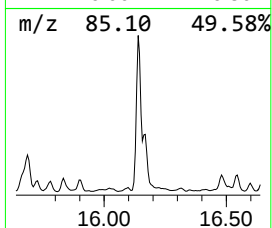
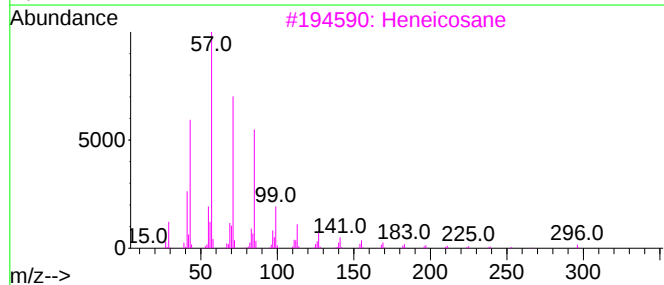
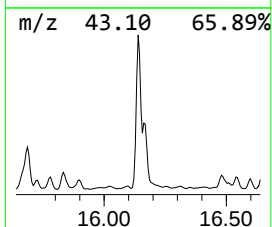
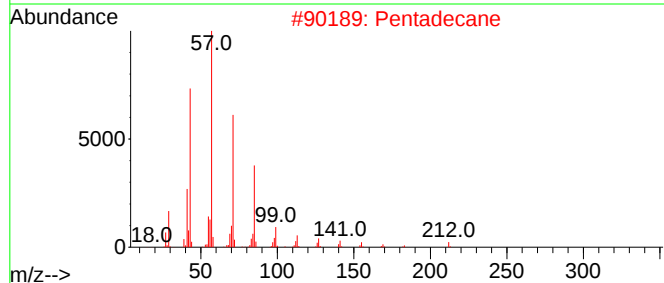
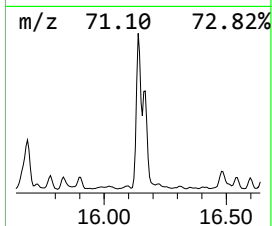
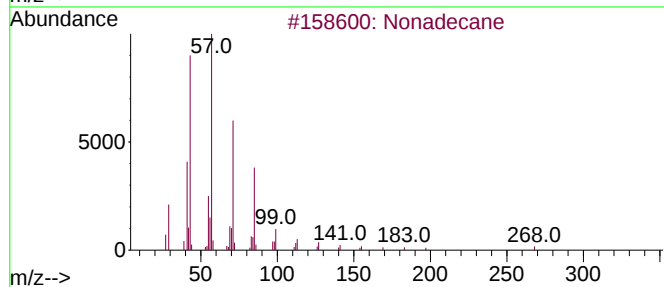
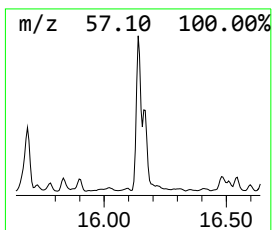
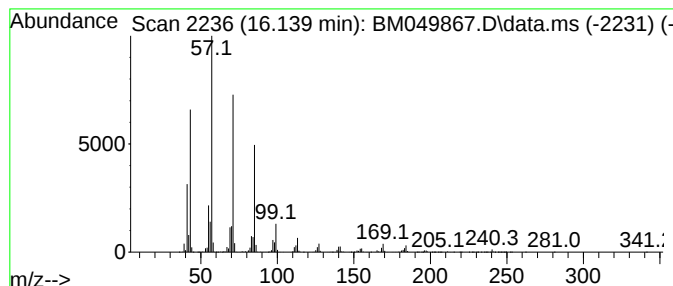
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	41.70 ng	8607900	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Dodecane	170	C12H26	000112-40-3	87
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
Operator : RC/JU
Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-040725

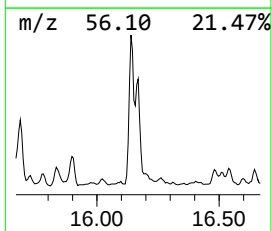
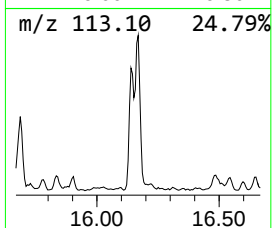
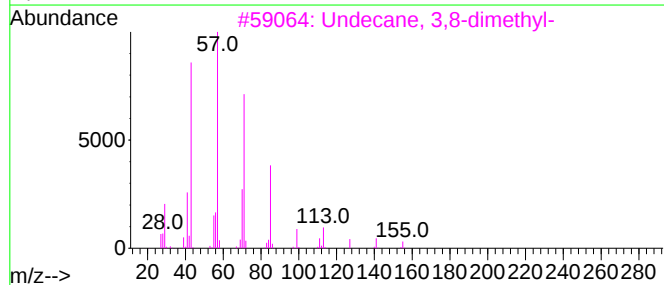
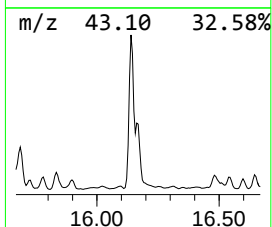
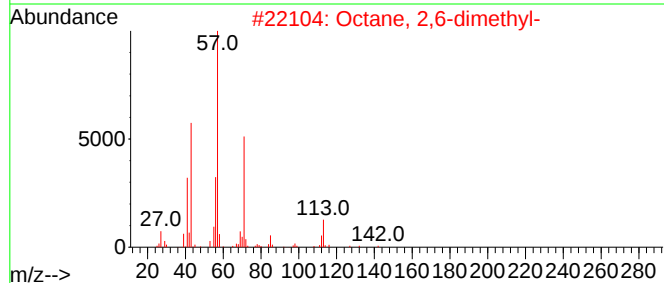
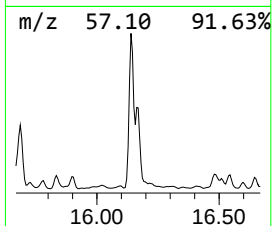
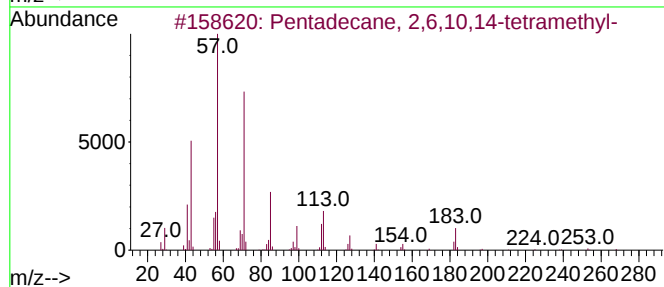
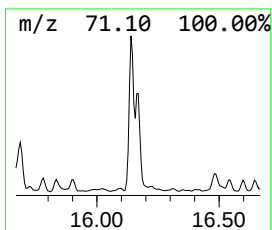
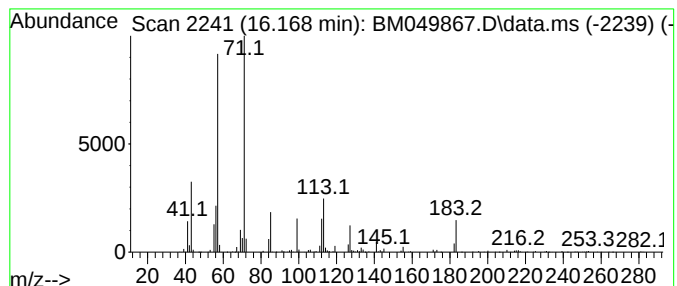
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.168	15.51 ng	3202420	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	59
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	53
5			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
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Misc :
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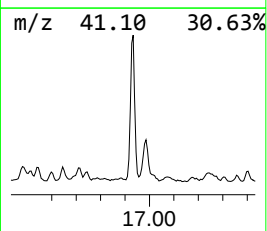
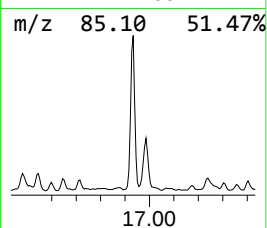
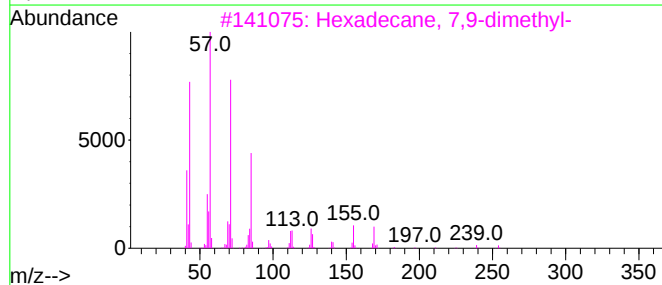
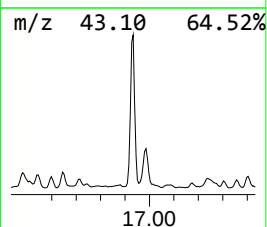
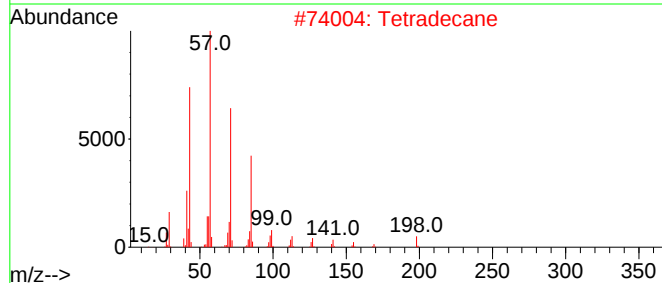
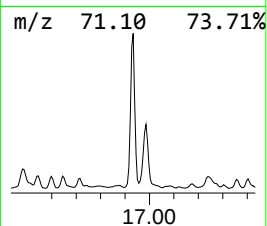
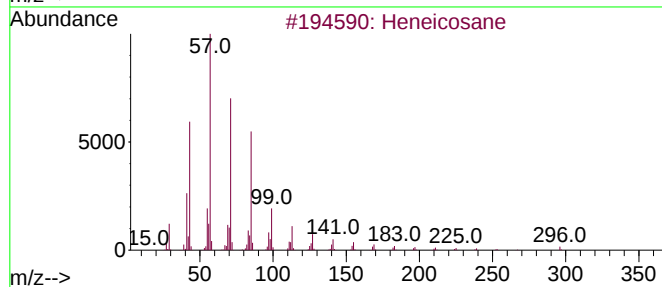
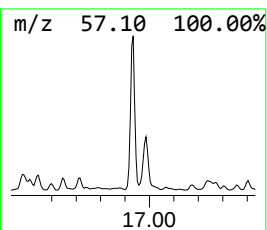
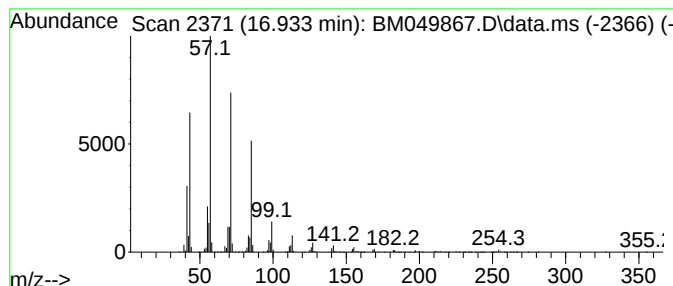
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.933	32.11 ng	6628500	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetradecane	198	C14H30	000629-59-4	91
3			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	90
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
Operator : RC/JU
Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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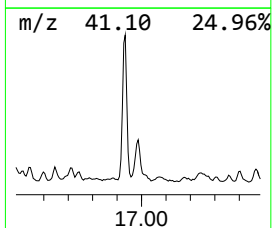
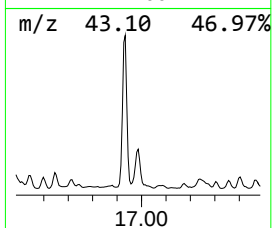
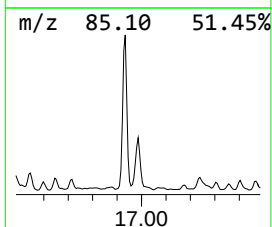
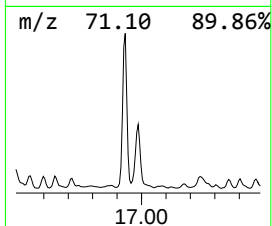
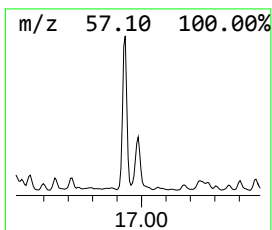
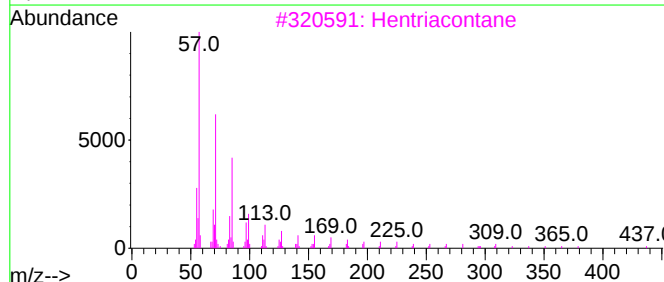
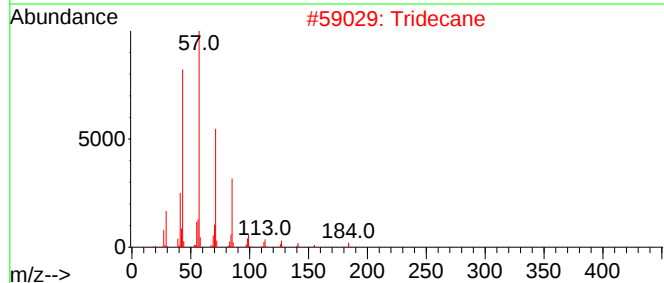
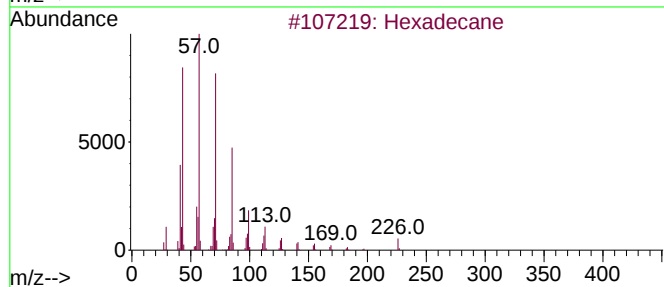
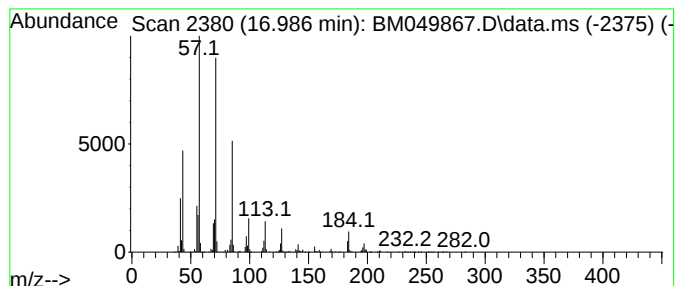
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	17.35 ng	3582480	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	91
3			Hentriacontane	437	C31H64	000630-04-6	86
4			2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
Operator : RC/JU
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ALS Vial : 10 Sample Multiplier: 1

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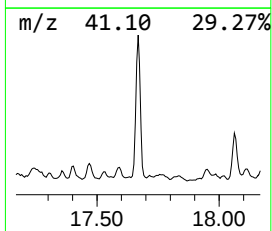
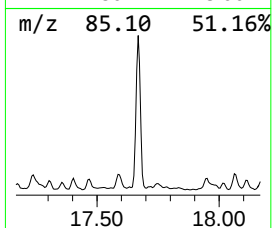
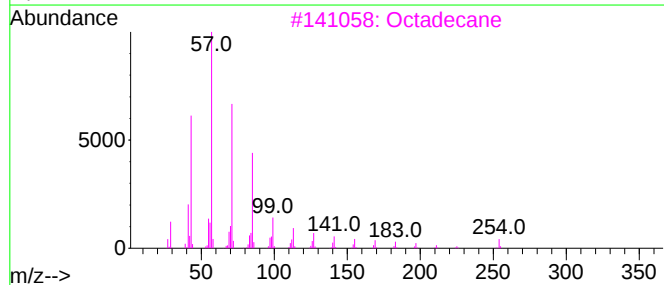
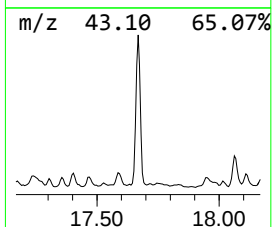
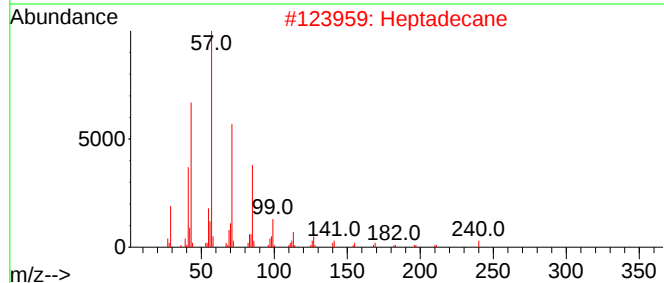
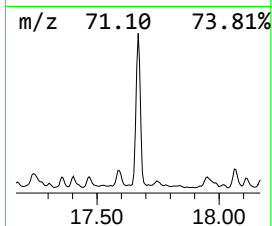
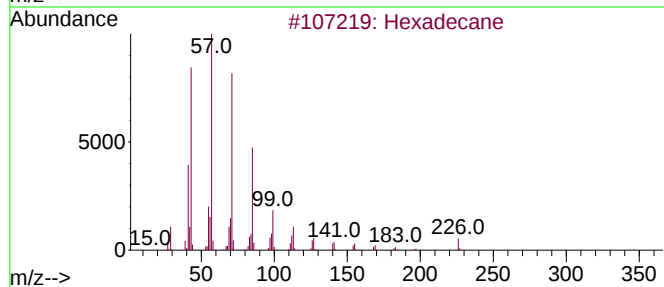
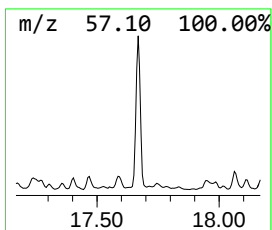
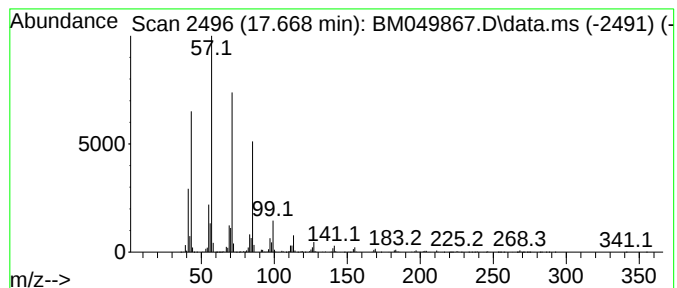
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.668	28.84 ng	5953010	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Heptadecane	240	C17H36	000629-78-7	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
Operator : RC/JU
Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

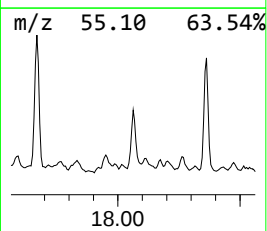
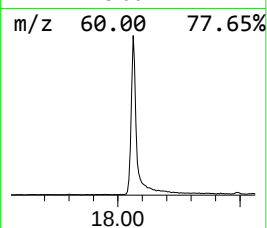
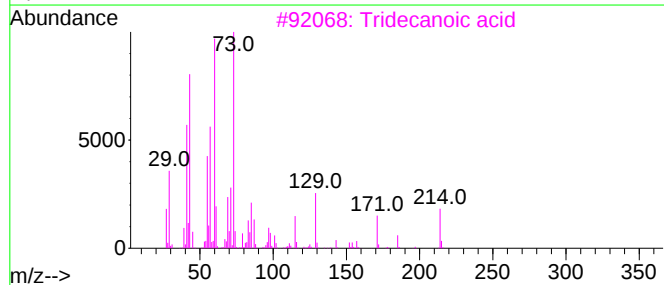
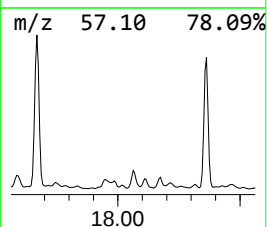
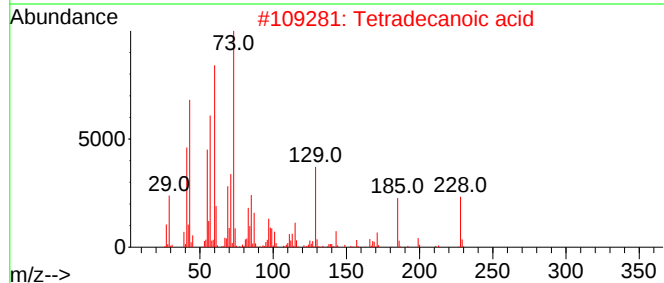
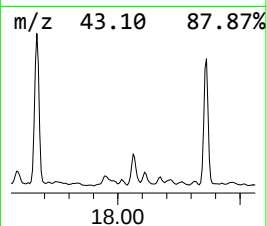
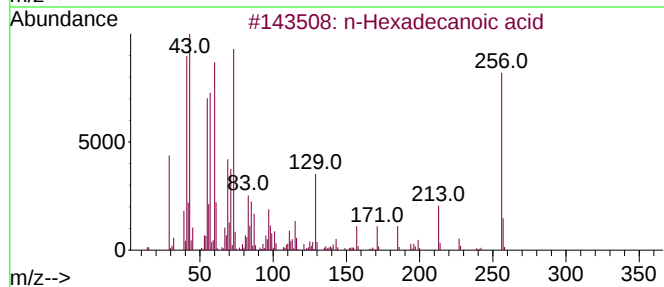
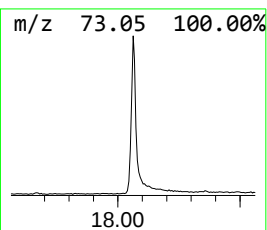
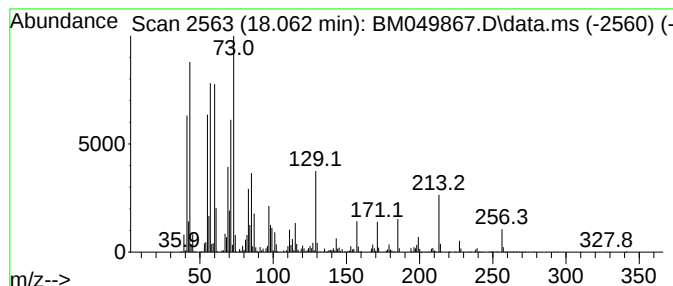
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ClientSampleId :
TR-06-040725

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 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.062	10.48 ng	2162790	Phenanthrene-d10		17.157	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	76
3	Tridecanoic acid		214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	68
5	Tetradecane		198	C14H30	000629-59-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
Operator : RC/JU
Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-040725

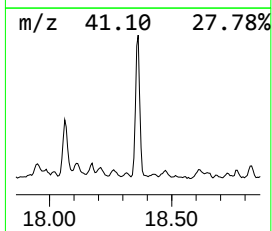
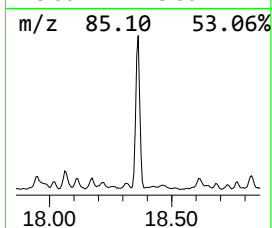
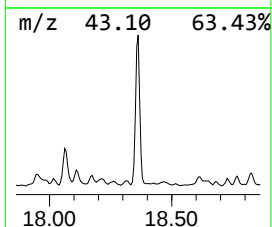
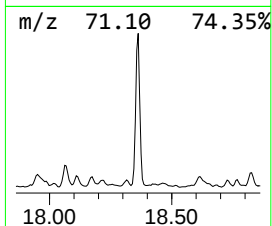
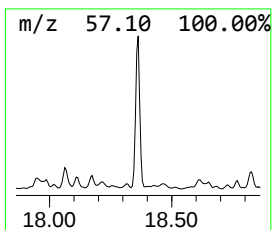
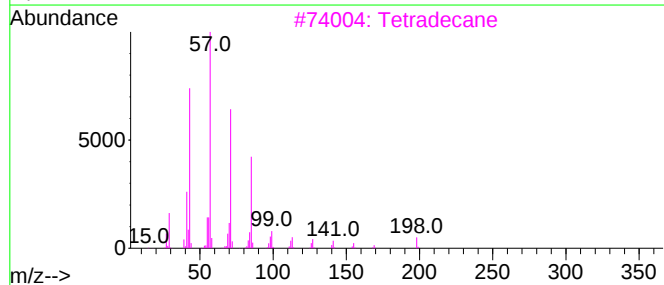
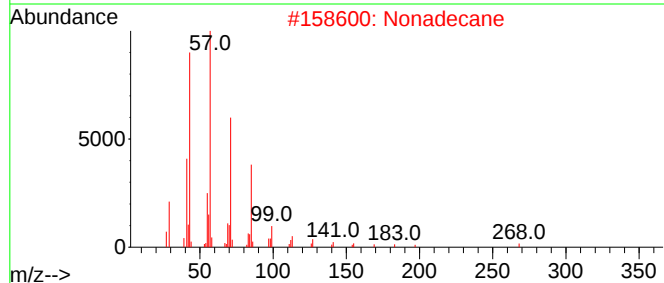
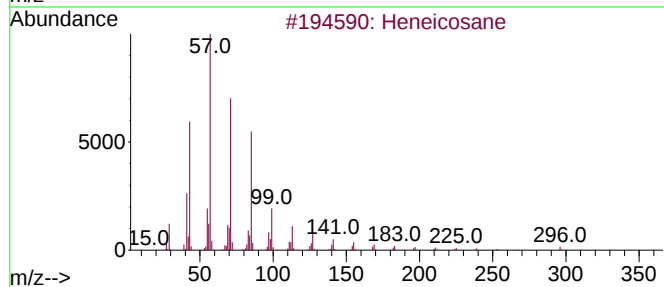
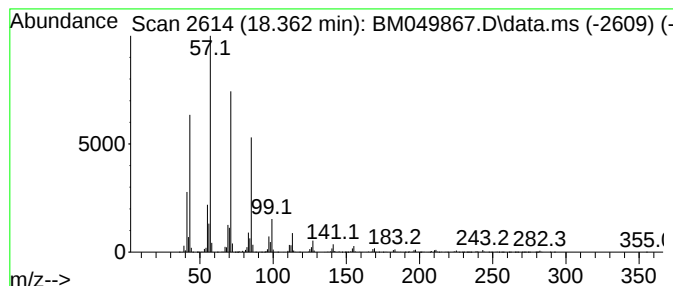
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane, 4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.362	23.95 ng	4944070	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
Operator : RC/JU
Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-040725

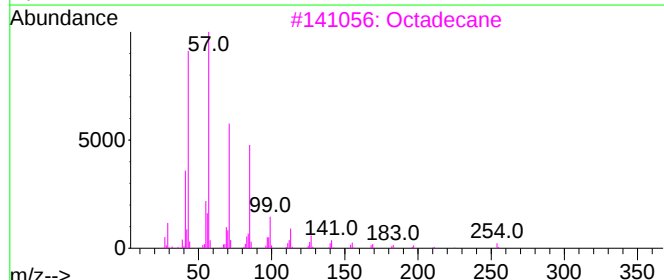
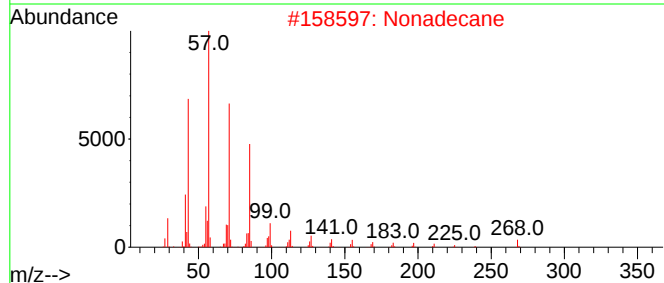
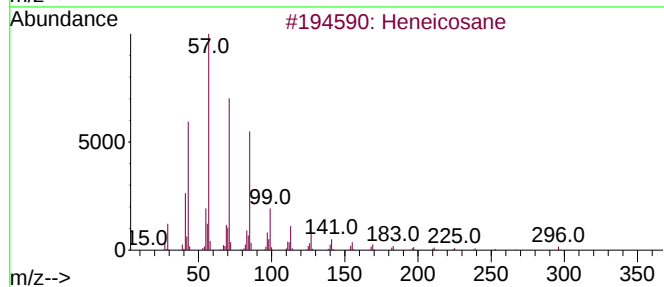
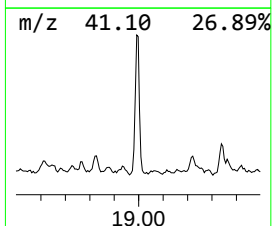
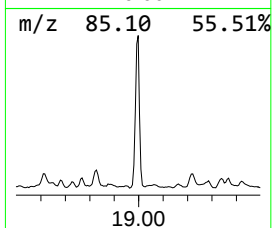
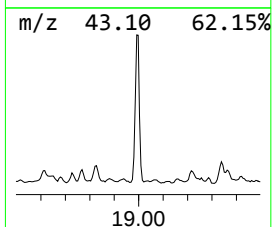
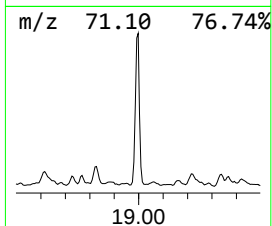
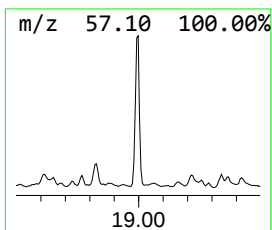
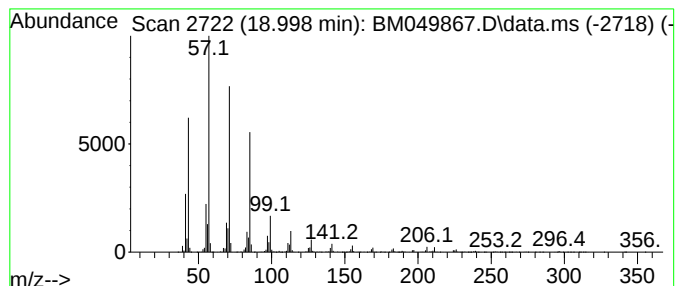
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	18.49 ng	3817650	Phenanthrene-d10	17.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049867.D
Acq On : 09 Apr 2025 14:26
Operator : RC/JU
Sample : Q1742-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-040725

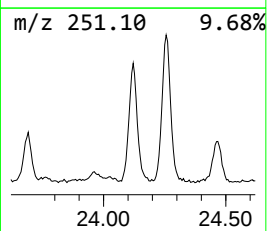
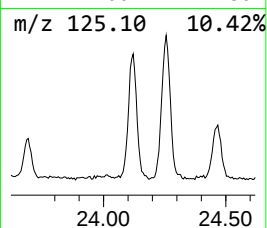
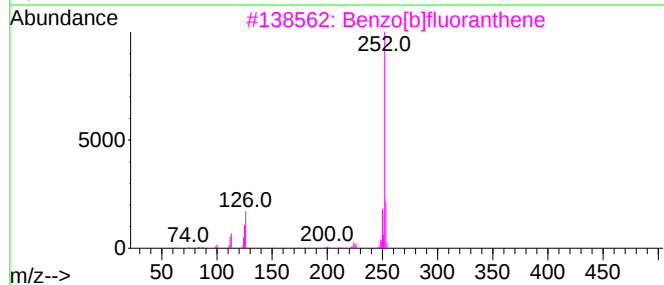
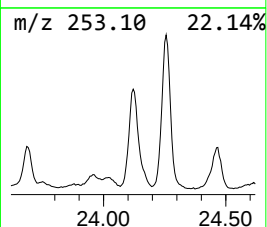
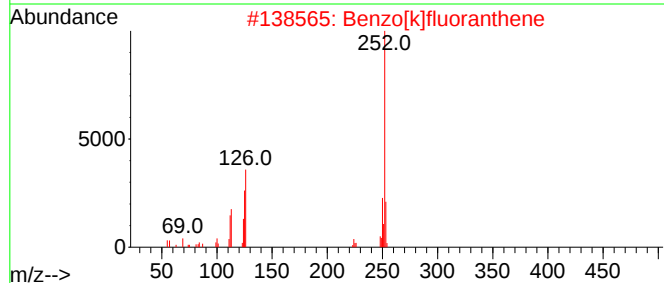
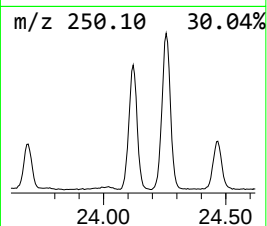
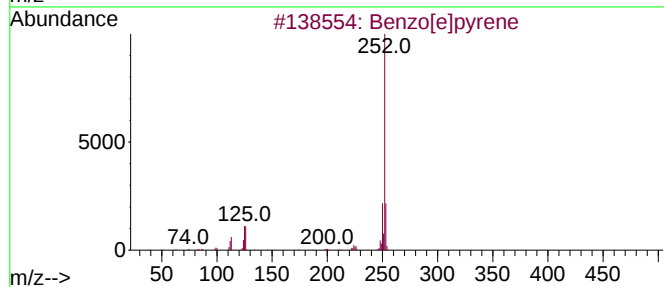
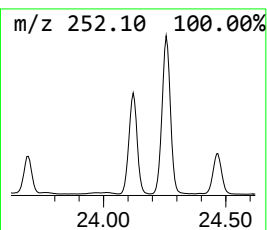
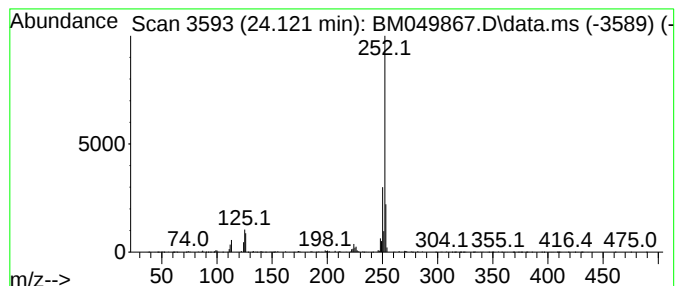
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.121	14.79 ng	3041670	Perylene-d12	24.397

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049867.D
 Acq On : 09 Apr 2025 14:26
 Operator : RC/JU
 Sample : Q1742-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-06-040725

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecane	9.010	10.5	ng	1147210	1	7.775	2177760	20.0
Tridecane	12.004	14.4	ng	4083560	2	10.569	5656000	20.0
Naphthalene, 1,...	12.492	8.3	ng	2020420	3	14.416	4869520	20.0
Nonane, 3,7-dim...	12.969	7.6	ng	1856760	3	14.416	4869520	20.0
10-Methylnonade...	13.251	23.4	ng	5696580	3	14.416	4869520	20.0
Dodecane, 4-met...	13.916	8.1	ng	1979160	3	14.416	4869520	20.0
Decane, 2,3,5-t...	14.327	28.7	ng	6998610	3	14.416	4869520	20.0
Heptacosane	14.945	8.6	ng	2098920	3	14.416	4869520	20.0
Hexadecane	15.280	29.9	ng	7281530	3	14.416	4869520	20.0
Pentadecane, 2,...	15.686	14.2	ng	3467020	3	14.416	4869520	20.0
Benzophenone	15.774	8.9	ng	2156800	3	14.416	4869520	20.0
Nonadecane	16.139	41.7	ng	8607900	4	17.157	4128970	20.0
Pentadecane, 2,...	16.168	15.5	ng	3202420	4	17.157	4128970	20.0
Heneicosane	16.933	32.1	ng	6628500	4	17.157	4128970	20.0
Hentriacontane	16.986	17.4	ng	3582480	4	17.157	4128970	20.0
Heptadecane	17.668	28.8	ng	5953010	4	17.157	4128970	20.0
n-Hexadecanoic ...	18.062	10.5	ng	2162790	4	17.157	4128970	20.0
Tetradecane, 4-...	18.362	23.9	ng	4944070	4	17.157	4128970	20.0
Hexadecane, 1-i...	18.998	18.5	ng	3817650	4	17.157	4128970	20.0
Benzo[e]pyrene	24.121	14.8	ng	3041670	6	24.397	4113410	20.0