

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049923.D
 Acq On : 14 Apr 2025 21:04
 Operator : RC/JU
 Sample : Q1784-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-41125

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: BM049923.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	396	403	411	rBV	853289	1284084	6.70%	0.463%
2	5.793	471	477	485	rVB3	885523	1386090	7.23%	0.500%
3	6.416	574	583	586	rBV3	513252	970678	5.06%	0.350%
4	6.769	639	643	648	rVV2	756488	1165786	6.08%	0.420%
5	6.940	664	672	678	rVV4	1293128	3306472	17.24%	1.192%
6	7.163	705	710	714	rBV2	606377	944372	4.92%	0.340%
7	7.263	724	727	736	rVV3	586805	1232661	6.43%	0.444%
8	7.404	745	751	757	rVB	4840807	6754587	35.22%	2.434%
9	7.757	805	811	817	rVB2	3185137	5730599	29.88%	2.065%
10	7.887	830	833	841	rVB2	855292	1552884	8.10%	0.560%
11	7.969	841	847	850	rVB2	779743	1117632	5.83%	0.403%
12	8.063	860	863	870	rVB3	1268925	2060706	10.75%	0.743%
13	8.316	894	906	912	rBV4	1866648	5164695	26.93%	1.861%
14	8.369	912	915	918	rVB	1013233	1178558	6.15%	0.425%
15	8.410	918	922	925	rBV2	1607467	2646449	13.80%	0.954%
16	8.545	939	945	948	rBV	1670724	2765085	14.42%	0.997%
17	8.575	948	950	952	rVV	785329	975256	5.09%	0.351%
18	8.604	952	955	959	rVB	798877	1155747	6.03%	0.417%
19	8.775	980	984	992	rVB	718077	1360413	7.09%	0.490%
20	8.881	992	1002	1007	rBV2	2405254	5358566	27.94%	1.931%
21	9.010	1013	1024	1029	rVB	8789789	14458193	75.40%	5.211%
22	9.098	1033	1039	1040	rBV3	1077076	1733469	9.04%	0.625%
23	9.128	1040	1044	1050	rVB4	1953207	4116116	21.46%	1.483%
24	9.210	1050	1058	1060	rBV5	861012	1775890	9.26%	0.640%
25	9.263	1064	1067	1074	rVV3	963831	1658798	8.65%	0.598%
26	9.363	1076	1084	1087	rVV4	461017	1199897	6.26%	0.432%
27	9.422	1087	1094	1097	rVV2	1418898	2936148	15.31%	1.058%
28	9.463	1097	1101	1103	rVV	1309579	2198737	11.47%	0.792%
29	9.492	1103	1106	1111	rVV	1650141	2589032	13.50%	0.933%
30	9.657	1125	1134	1137	rBV4	868460	1784598	9.31%	0.643%
31	9.704	1137	1142	1146	rVV2	1538723	2704017	14.10%	0.975%
32	9.751	1146	1150	1158	rVB4	1575366	3607862	18.81%	1.300%
33	9.851	1165	1167	1172	rVB2	1670941	2180128	11.37%	0.786%
34	9.922	1174	1179	1183	rVV2	2133409	3302627	17.22%	1.190%
35	9.969	1183	1187	1190	rVV3	1727554	3176479	16.56%	1.145%
36	10.004	1190	1193	1196	rVV	2136087	3356275	17.50%	1.210%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.034	1196	1198	1203	rVV2	1296150	1766546	9.21%	0.637%
38	10.104	1205	1210	1215	rVV2	1538434	2895485	15.10%	1.044%
39	10.157	1215	1219	1223	rVV4	1088057	2092397	10.91%	0.754%
40	10.198	1223	1226	1233	rVB	1329406	2089059	10.89%	0.753%
41	10.275	1234	1239	1242	rBV	1028835	1650843	8.61%	0.595%
42	10.357	1248	1253	1257	rVB3	673058	1106390	5.77%	0.399%
43	10.434	1262	1266	1269	rBV2	657267	1060282	5.53%	0.382%
44	10.475	1269	1273	1278	rBV4	659890	1047673	5.46%	0.378%
45	10.551	1278	1286	1293	rBV2	10936678	19176072	100.00%	6.911%
46	10.686	1305	1309	1313	rVV3	940233	1543981	8.05%	0.556%
47	10.739	1313	1318	1323	rVB	3672517	5410444	28.21%	1.950%
48	10.792	1323	1327	1335	rBV3	977159	2023137	10.55%	0.729%
49	10.863	1335	1339	1345	rVB4	670158	1190025	6.21%	0.429%
50	11.034	1364	1368	1371	rVV	757360	1127384	5.88%	0.406%
51	11.063	1371	1373	1378	rVB2	849676	1024576	5.34%	0.369%
52	11.145	1382	1387	1391	rBV3	659648	1047927	5.46%	0.378%
53	11.234	1398	1402	1404	rBV2	741246	1186712	6.19%	0.428%
54	11.275	1405	1409	1413	rVV3	1609879	3114702	16.24%	1.123%
55	11.339	1416	1420	1426	rVB2	1021457	1852976	9.66%	0.668%
56	11.410	1427	1432	1438	rBV4	1498023	2481388	12.94%	0.894%
57	11.486	1439	1445	1452	rVB4	1978764	4026428	21.00%	1.451%
58	11.598	1459	1464	1474	rBV2	3503218	7198489	37.54%	2.594%
59	11.675	1474	1477	1483	rVB3	743436	1355041	7.07%	0.488%
60	11.763	1486	1492	1500	rVB2	2285578	4050871	21.12%	1.460%
61	12.004	1526	1533	1543	rBV	7332211	11839898	61.74%	4.267%
62	12.122	1549	1553	1559	rVB2	1107434	2045963	10.67%	0.737%
63	12.222	1563	1570	1579	rVB4	1542897	3735630	19.48%	1.346%
64	12.445	1603	1608	1611	rBV3	657359	1212178	6.32%	0.437%
65	12.486	1611	1615	1620	rVV2	2037068	3315064	17.29%	1.195%
66	12.633	1636	1640	1644	rVV3	840815	1275030	6.65%	0.460%
67	12.680	1644	1648	1655	rVV3	722387	1708550	8.91%	0.616%
68	12.745	1655	1659	1665	rVV5	921266	1601391	8.35%	0.577%
69	12.810	1666	1670	1676	rVB2	771451	1430819	7.46%	0.516%
70	12.904	1681	1686	1691	rBV4	1050928	1798116	9.38%	0.648%
71	12.957	1691	1695	1700	rVB3	2574196	3662266	19.10%	1.320%
72	13.033	1700	1708	1713	rBV	944832	1544538	8.05%	0.557%
73	13.245	1737	1744	1751	rBV	5723811	8713897	45.44%	3.140%
74	13.357	1757	1763	1768	rVV2	1011669	2083698	10.87%	0.751%
75	13.575	1795	1800	1808	rBV2	587450	1375647	7.17%	0.496%
76	13.692	1816	1820	1823	rBV5	551212	986516	5.14%	0.356%

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Integrator: RTE

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Stop Thrs : 0

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Peak separation: 5

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77	13.780	1831	1835	1839	rVB4	677185	1043082	5.44%	0.376%
78	13.880	1848	1852	1853	rBV3	758731	933080	4.87%	0.336%
79	13.904	1853	1856	1860	rVV2	1451436	2164569	11.29%	0.780%
80	13.945	1860	1863	1869	rVB2	701249	965431	5.03%	0.348%
81	14.322	1922	1927	1933	rBV	4005623	5152896	26.87%	1.857%
82	14.416	1935	1943	1949	rVV	2535358	4435845	23.13%	1.599%
83	14.939	2029	2032	2040	rVB4	700941	1234158	6.44%	0.445%
84	15.274	2084	2089	2093	rVB	2620432	3278914	17.10%	1.182%
85	15.680	2152	2158	2163	rVB	803832	1380458	7.20%	0.498%
86	15.898	2190	2195	2203	rVB3	923633	1590299	8.29%	0.573%
87	16.133	2230	2235	2238	rBV	2131320	2843982	14.83%	1.025%
88	16.927	2365	2370	2374	rBV	1378879	1723121	8.99%	0.621%
89	16.974	2374	2378	2389	rVB	657802	1244972	6.49%	0.449%
90	17.157	2404	2409	2413	rBV2	2777786	3890351	20.29%	1.402%
91	17.198	2413	2416	2424	rVV	1144062	1659054	8.65%	0.598%
92	17.663	2491	2495	2501	rVB	1084658	1335227	6.96%	0.481%
93	18.227	2586	2591	2595	rVV2	488941	977855	5.10%	0.352%
94	18.986	2717	2720	2728	rVB3	636474	1171868	6.11%	0.422%
95	19.215	2754	2759	2767	rBV	2041434	2654812	13.84%	0.957%
96	19.574	2813	2820	2830	rVB	2251719	3698614	19.29%	1.333%
97	19.780	2851	2855	2859	rVB	1686298	1922764	10.03%	0.693%
98	21.392	3123	3129	3134	rBV2	3341667	5949732	31.03%	2.144%
99	21.439	3134	3137	3146	rVB	868198	1309090	6.83%	0.472%
100	24.391	3633	3639	3648	rVB	1792405	4171737	21.75%	1.503%

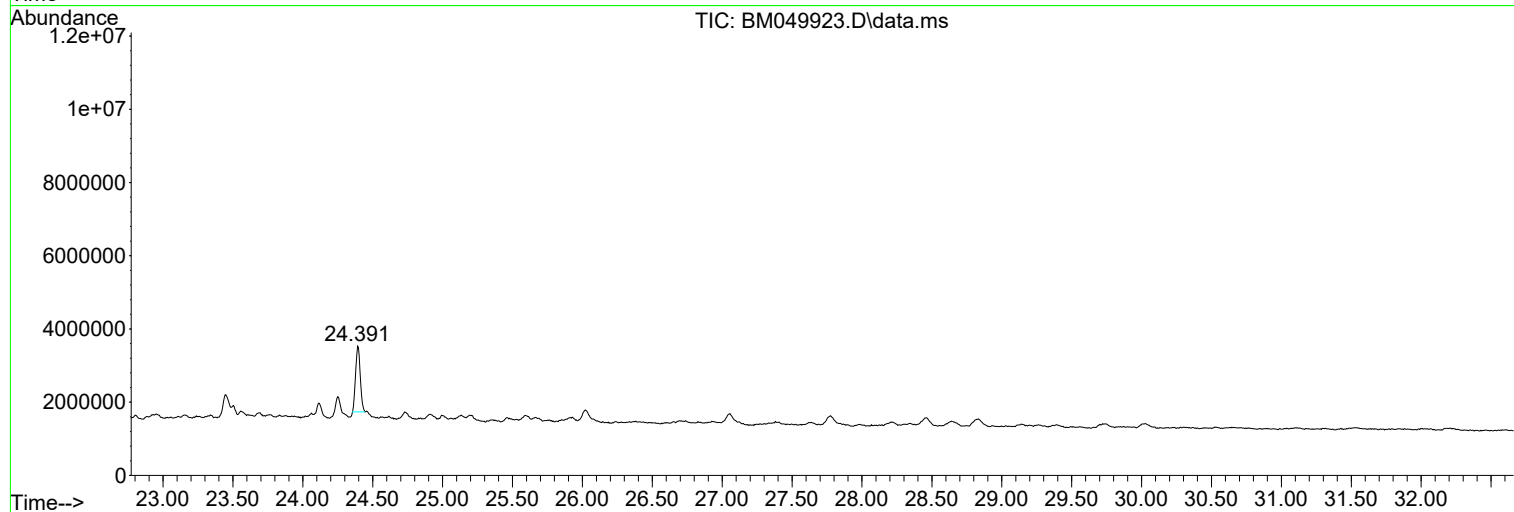
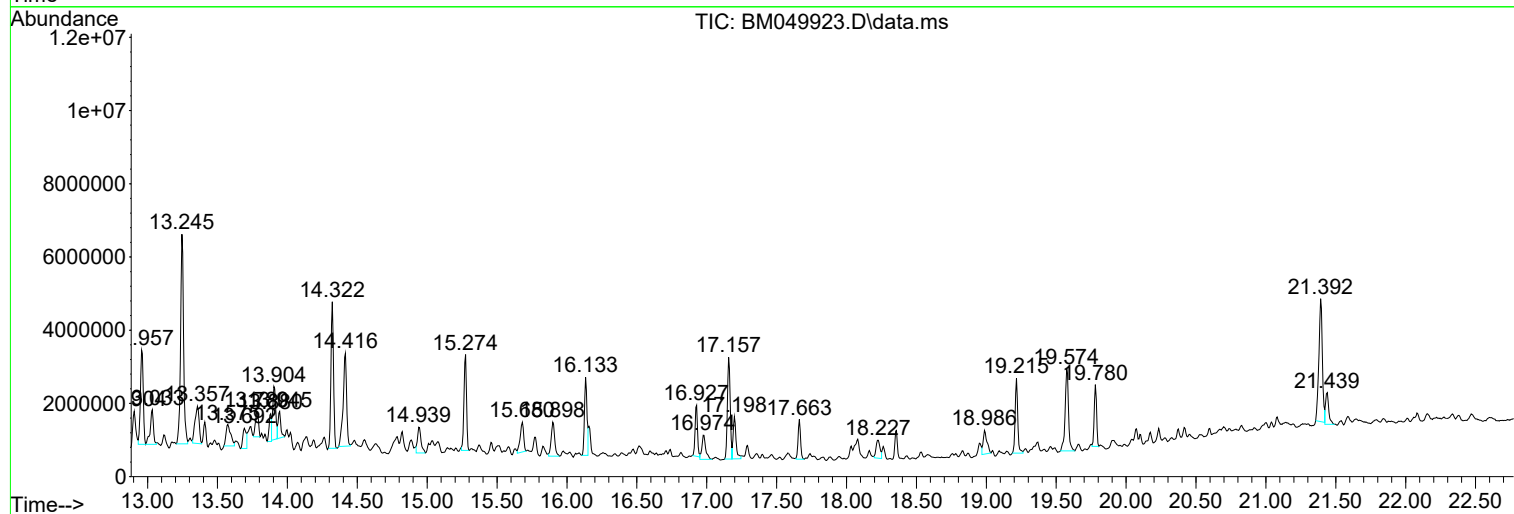
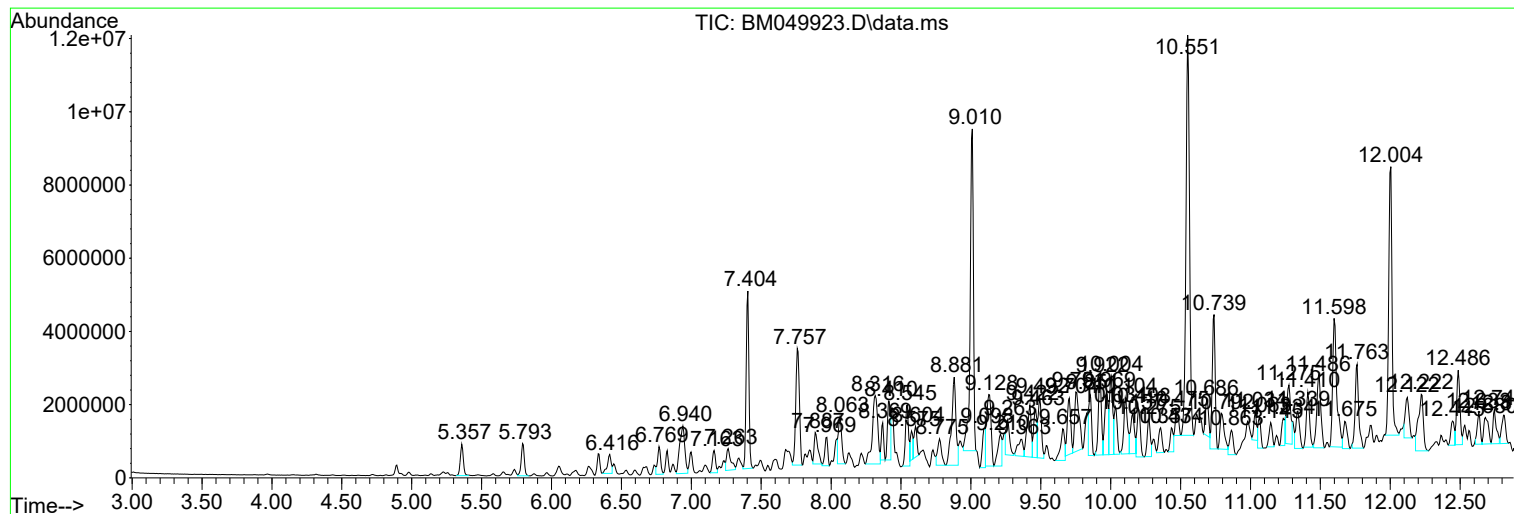
Sum of corrected areas: 277469526

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-41125

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

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



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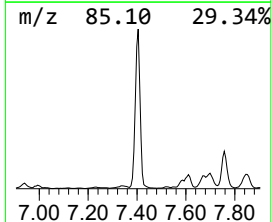
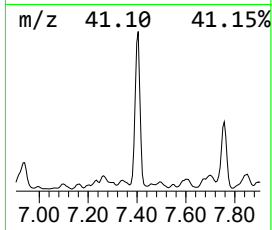
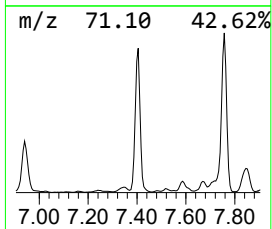
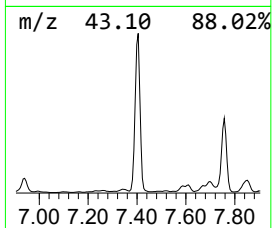
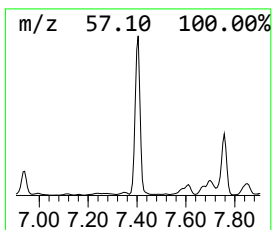
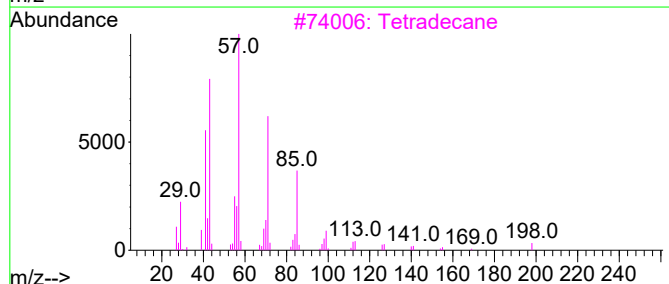
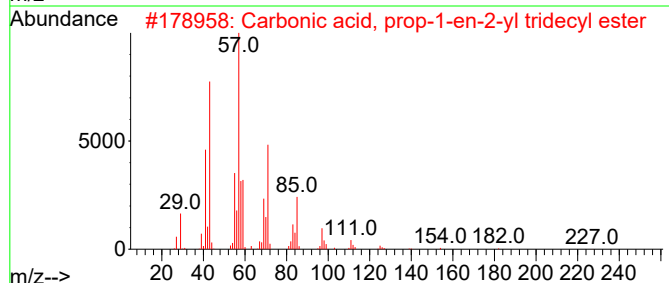
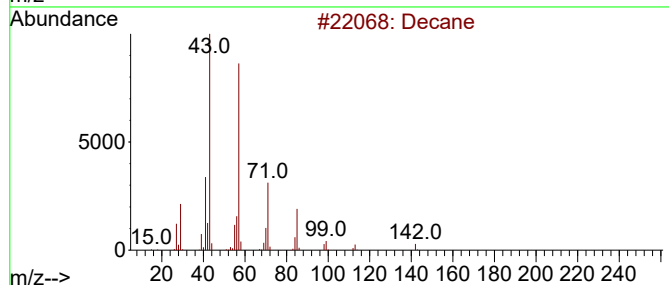
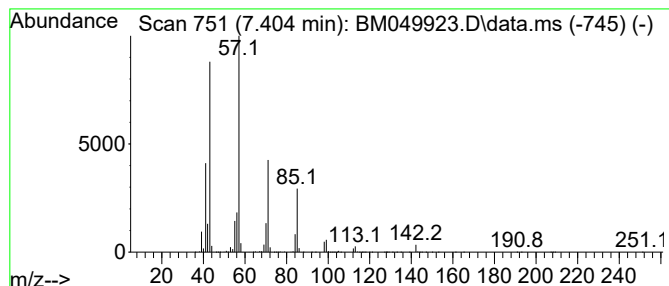
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.404	23.57 ng	6754590	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Nonane	128	C9H20	000111-84-2	80
5			Undecane	156	C11H24	001120-21-4	78



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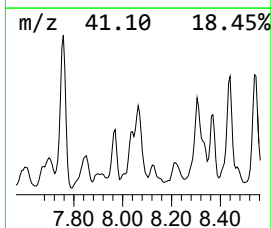
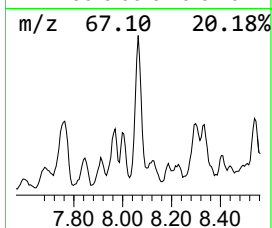
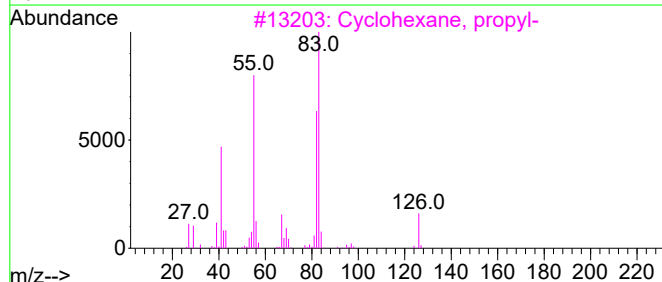
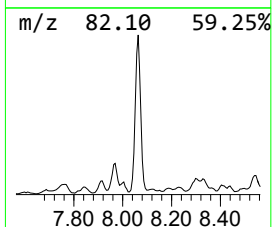
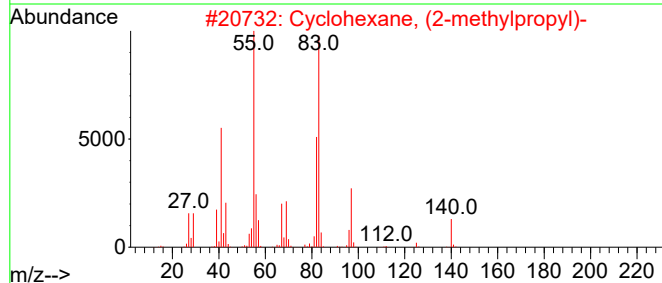
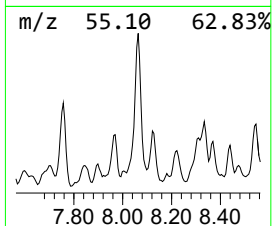
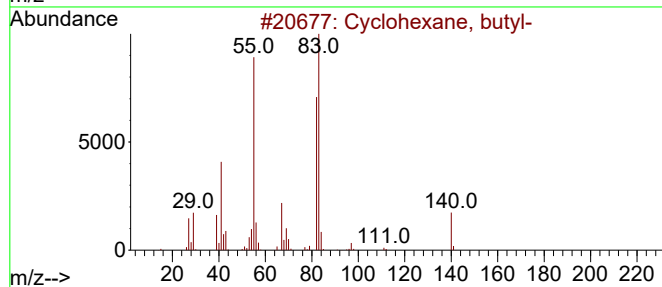
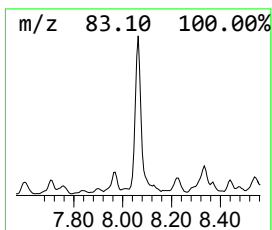
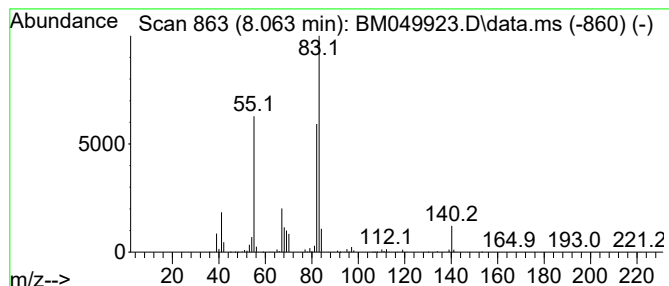
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	7.19 ng	2060710	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



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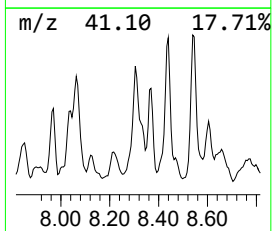
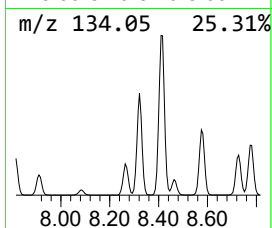
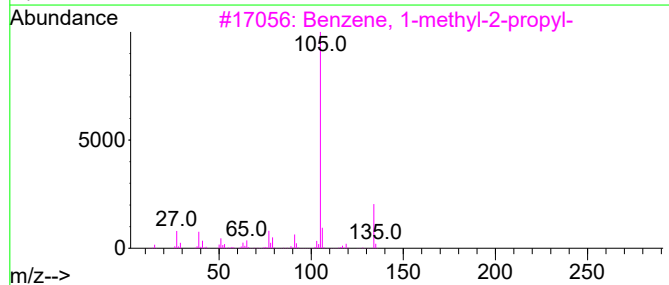
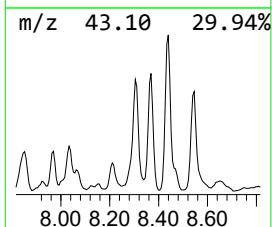
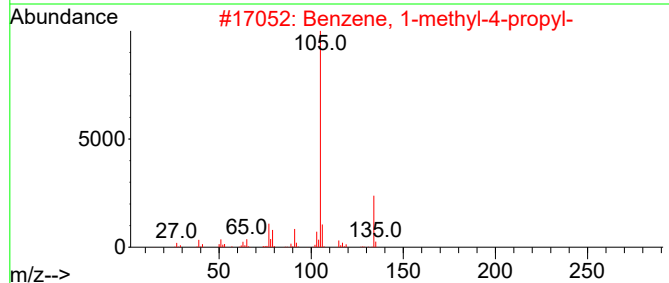
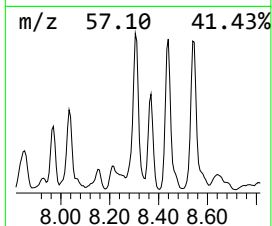
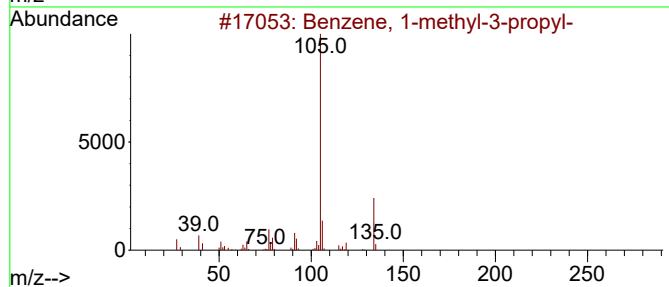
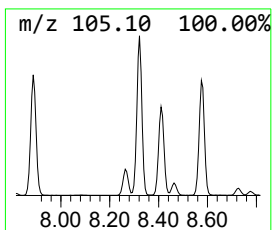
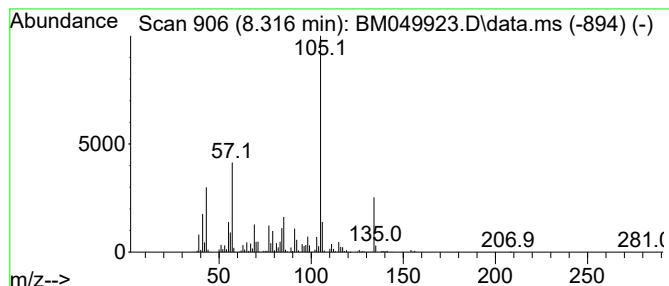
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.316	18.02 ng	5164700	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	78
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
5			2-Tolylloxirane	134	C9H10O	002783-26-8	43



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Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

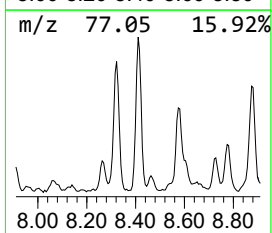
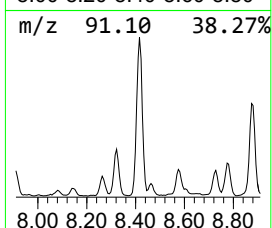
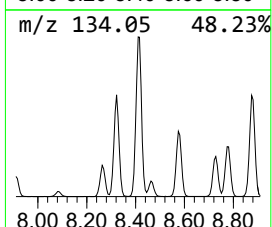
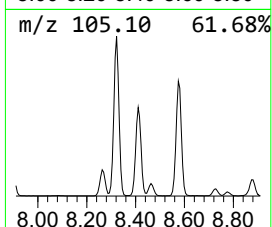
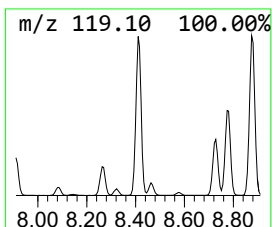
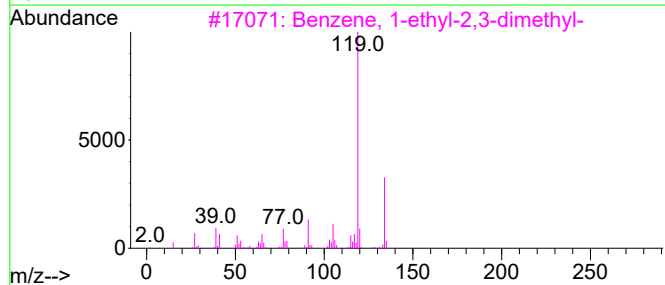
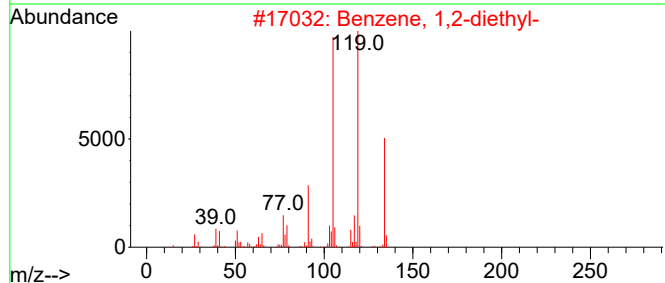
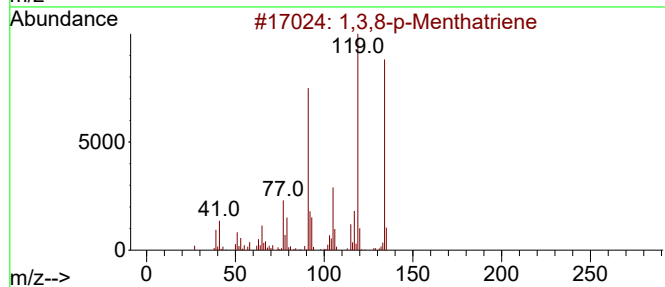
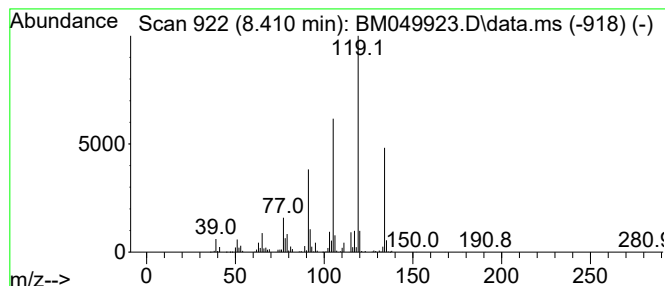
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1,3,8-p-Menthatriene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.410	9.24 ng	2646450	1,4-Dichlorobenzene-d4	7.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
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Sample : Q1784-01 5X
Misc :
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Instrument :
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ClientSampleId :
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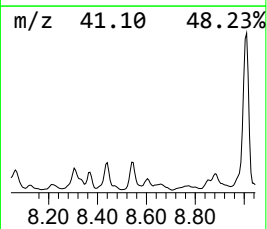
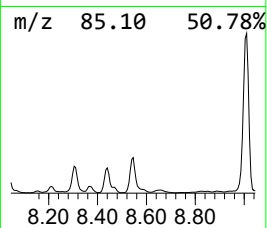
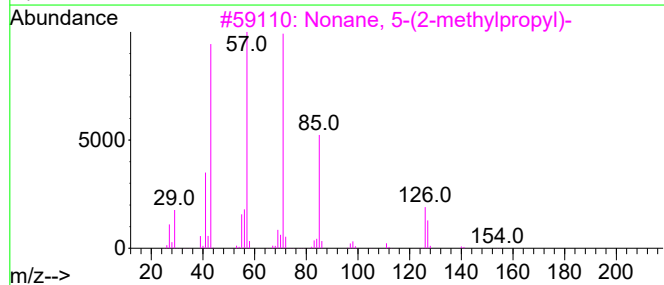
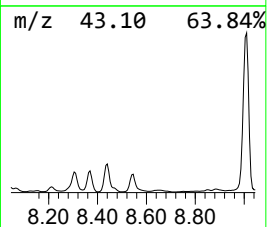
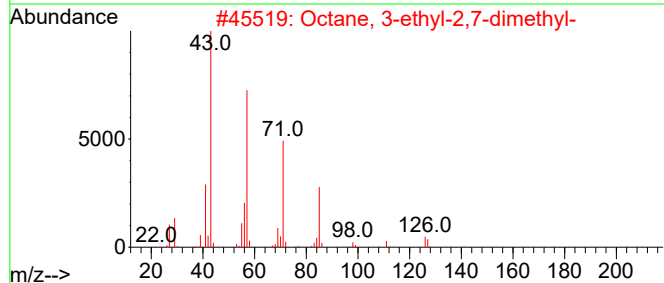
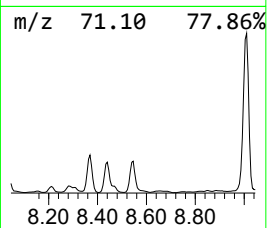
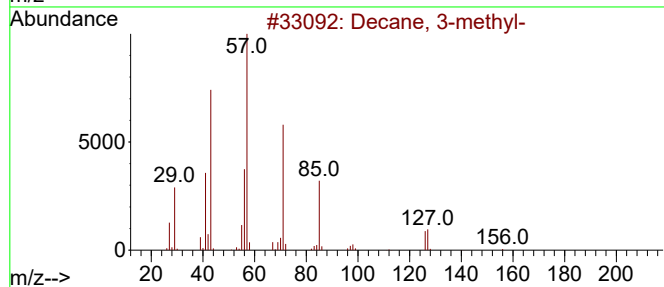
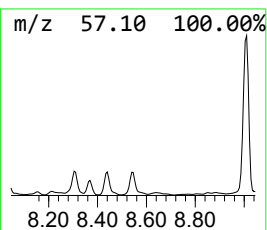
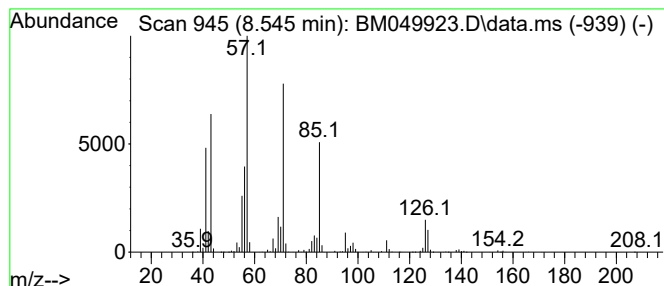
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	9.65 ng	2765090	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	87
2			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
4			Pentadecane	212	C15H32	000629-62-9	53
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50



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Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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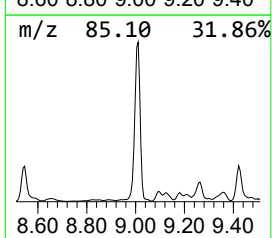
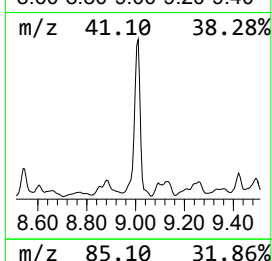
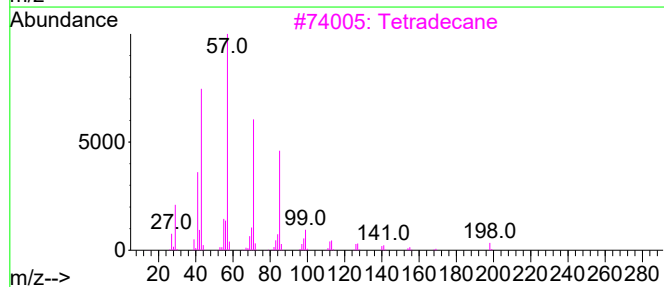
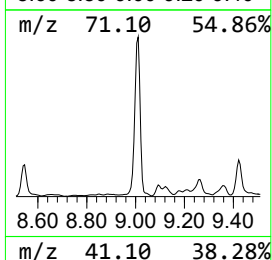
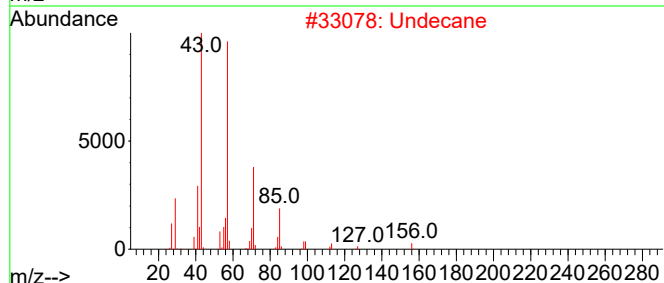
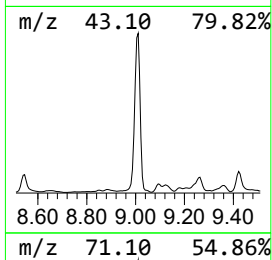
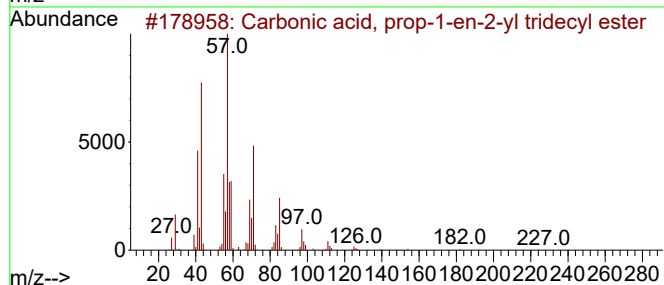
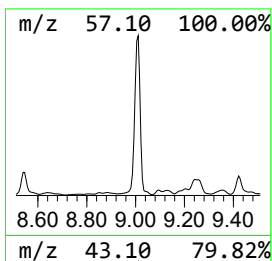
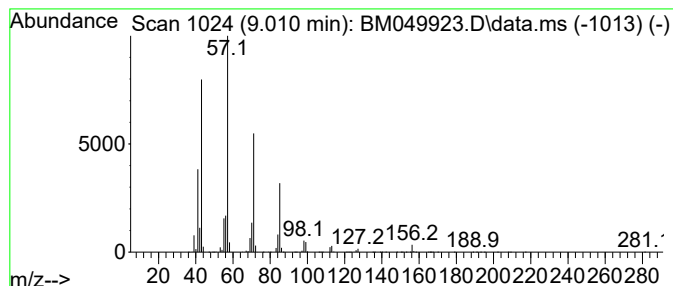
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Carbonic acid, prop-1-en-2-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	50.46 ng	14458200	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
2			Undecane	156	C11H24	001120-21-4	87
3			Tetradecane	198	C14H30	000629-59-4	83
4			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
5			Pentadecane	212	C15H32	000629-62-9	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
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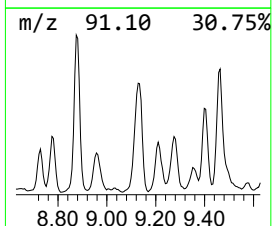
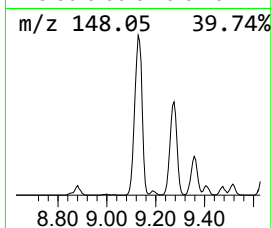
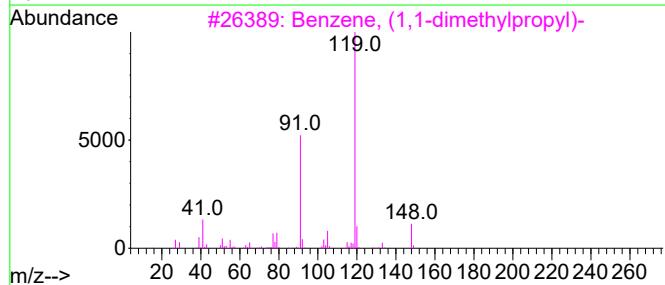
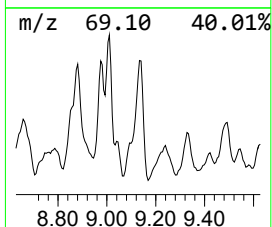
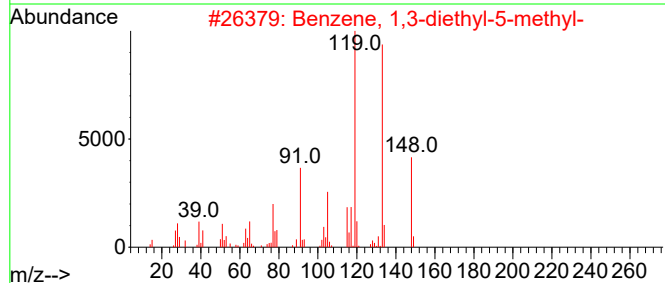
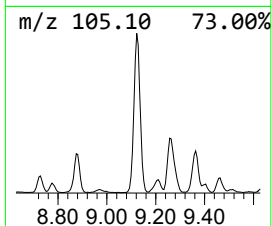
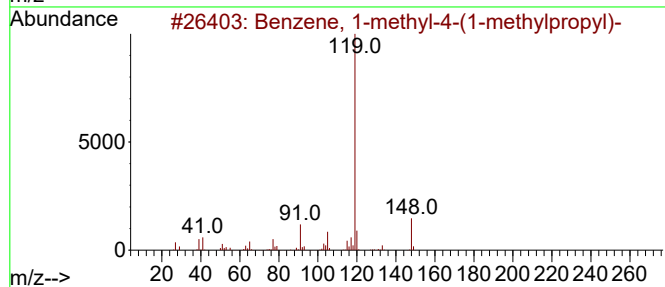
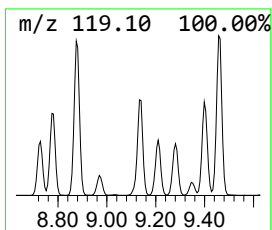
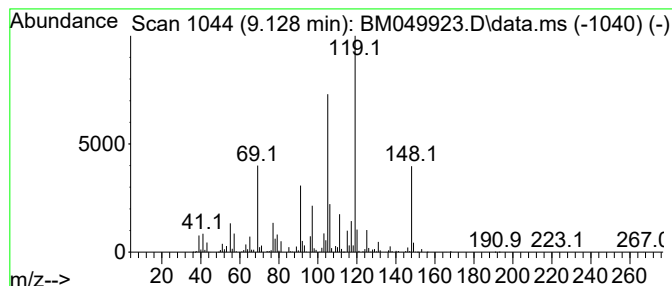
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.128	14.37 ng	4116120	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4			p-Cymene	134	C10H14	000099-87-6	38
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
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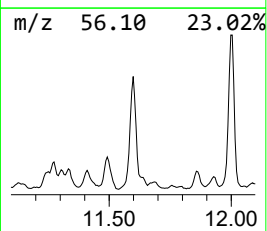
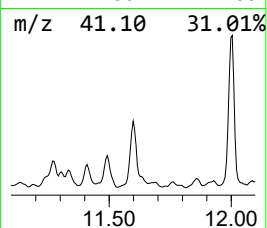
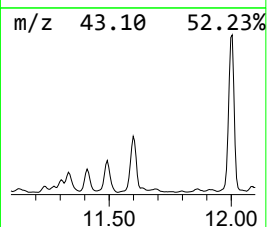
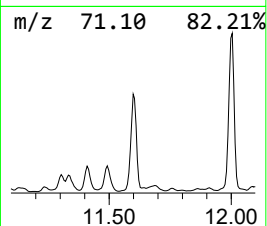
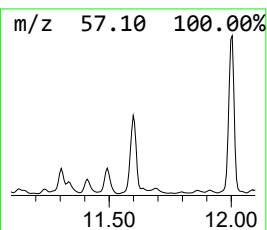
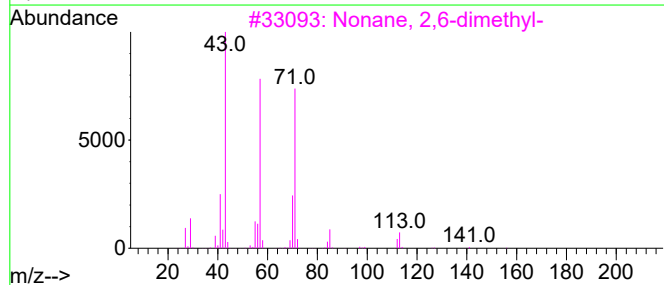
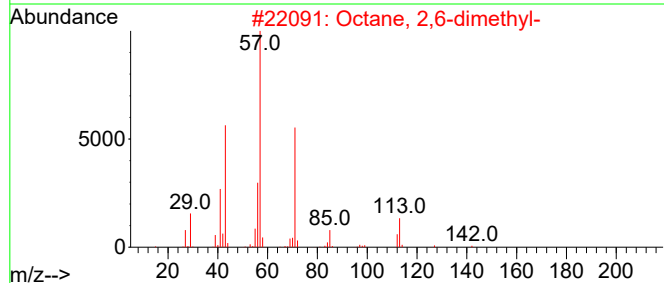
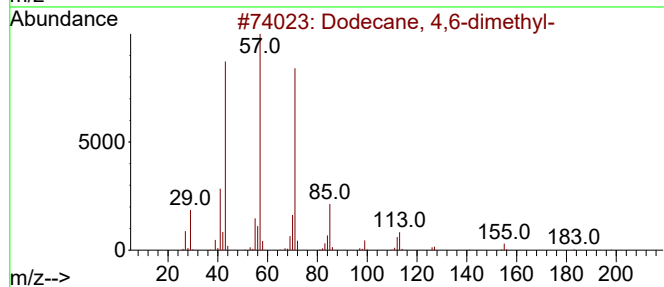
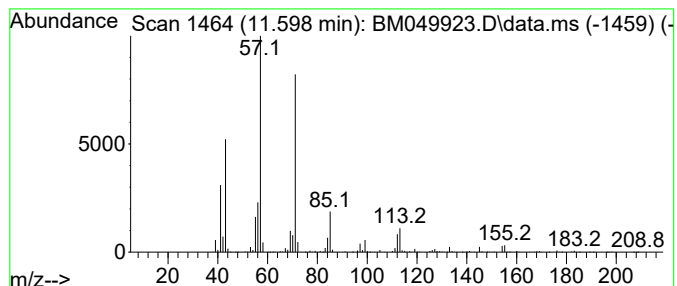
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.598	7.51 ng	7198490	Naphthalene-d8	10.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5			Heptane, 3-[(ethenyl)oxy)methyl]-	156	C10H20O	000103-44-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
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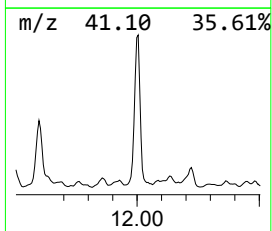
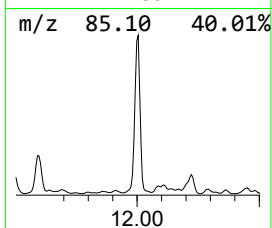
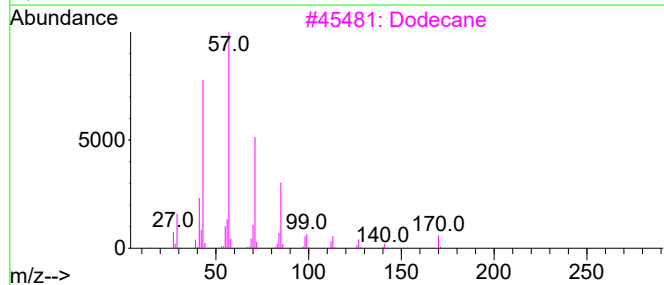
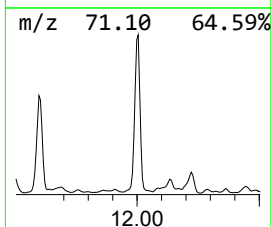
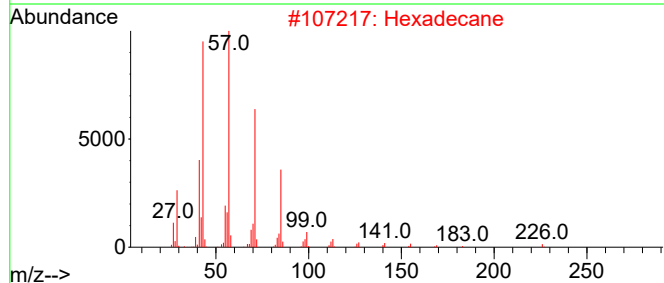
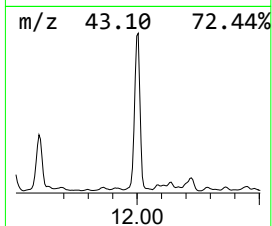
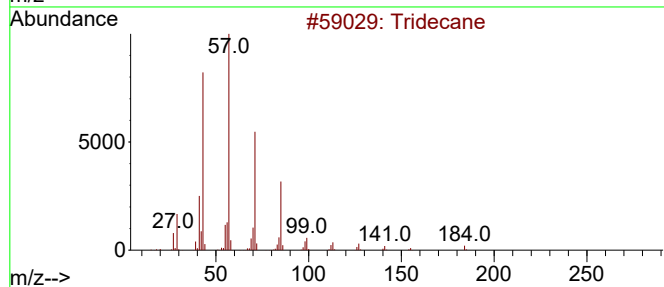
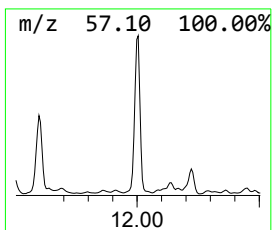
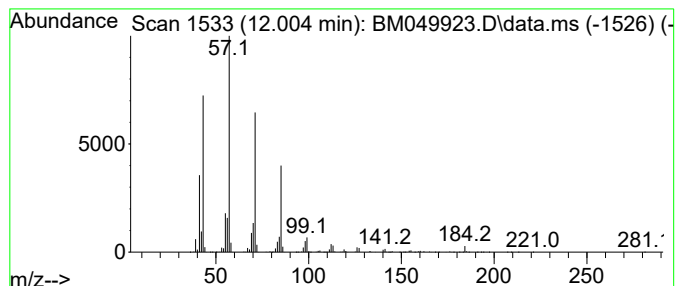
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	12.35 ng	11839900	Naphthalene-d8	10.563

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		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
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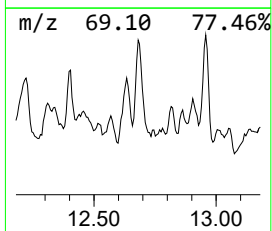
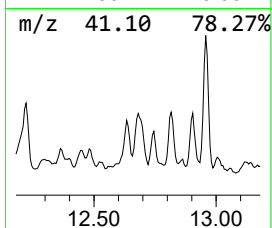
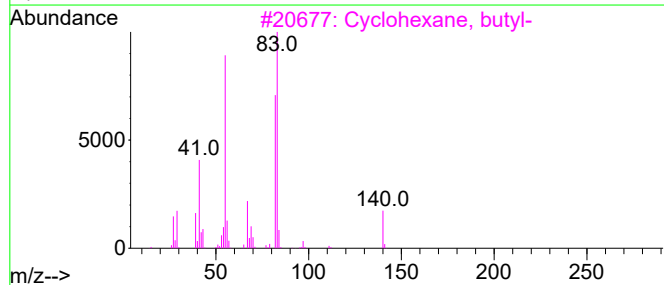
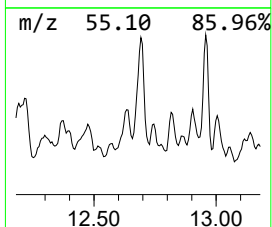
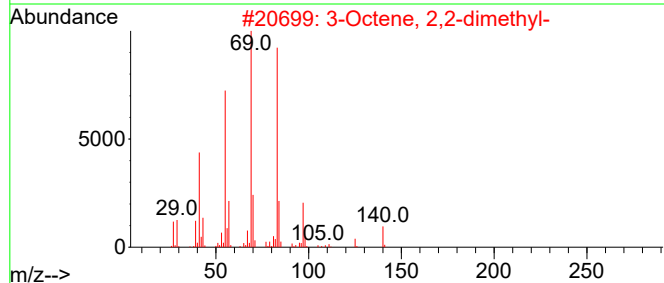
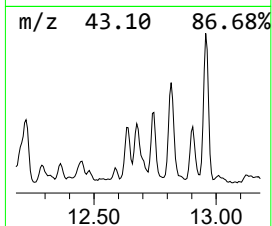
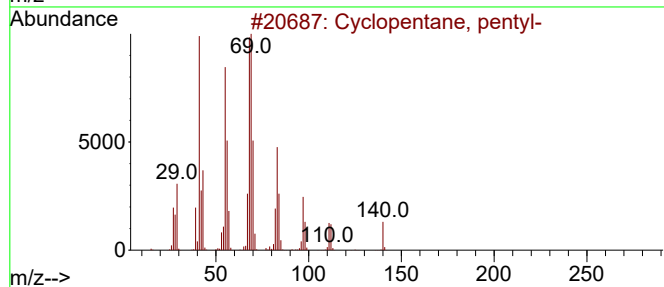
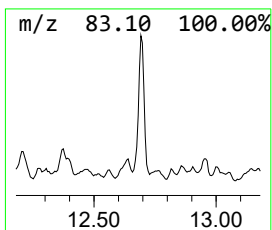
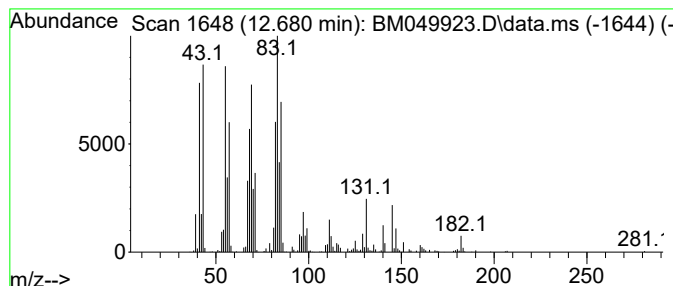
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ClientSampleId :
OR-01-41125

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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 Cyclopentane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.681	7.70 ng	1708550	Acenaphthene-d10		14.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-		140	C10H20	003741-00-2	83
2	3-Octene, 2,2-dimethyl-		140	C10H20	086869-76-3	38
3	Cyclohexane, butyl-		140	C10H20	001678-93-9	25
4	Cyclopentane, 1-methyl-1-(2,2-di...		160	C10H12N2	1000154-46-8	25
5	Cyclopentane, 1-pentyl-2-propyl-		182	C13H26	062199-51-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-41125

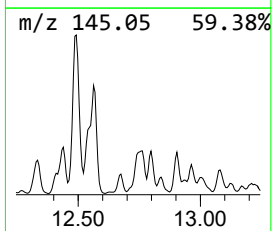
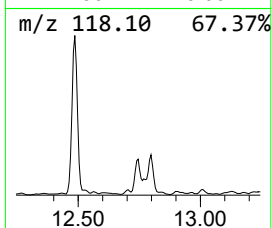
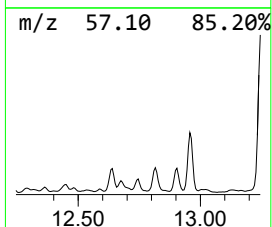
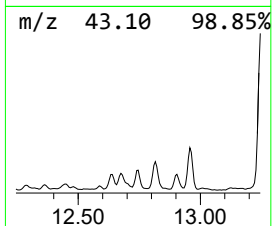
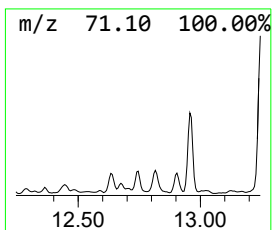
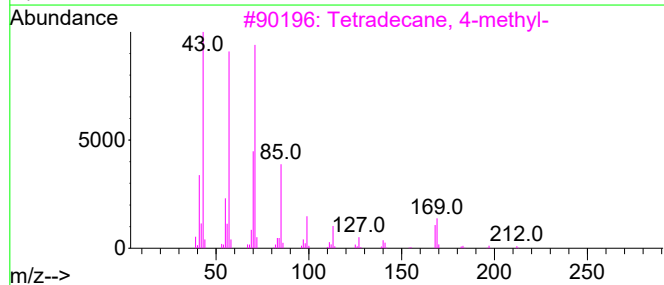
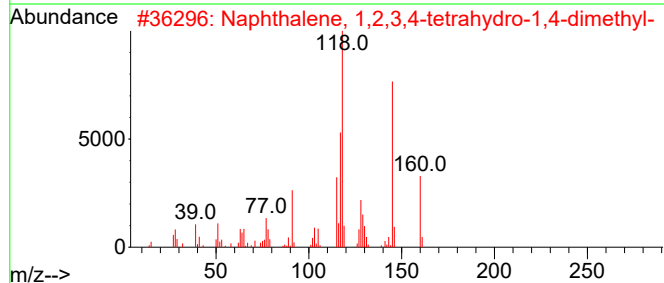
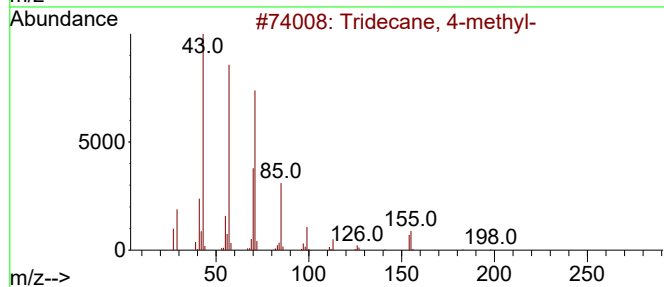
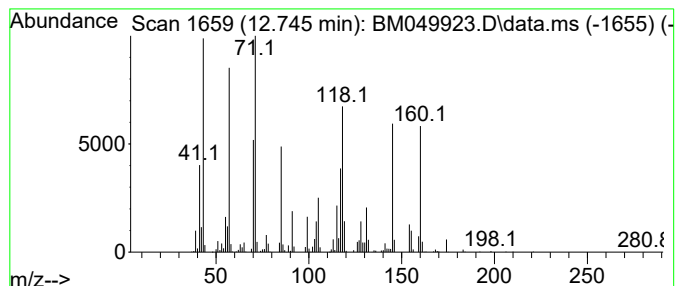
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.745 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	7.22 ng	1601390	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	46
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	41
3			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	38
4			Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	27
5			2-Chloro-6-fluorophenol, methyl ...	160	C7H6ClFO	1000352-53-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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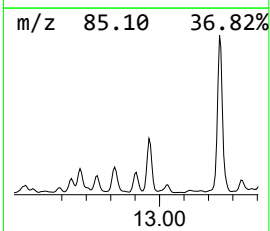
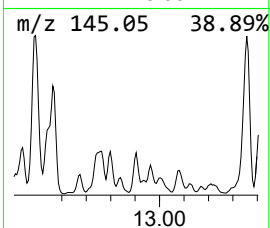
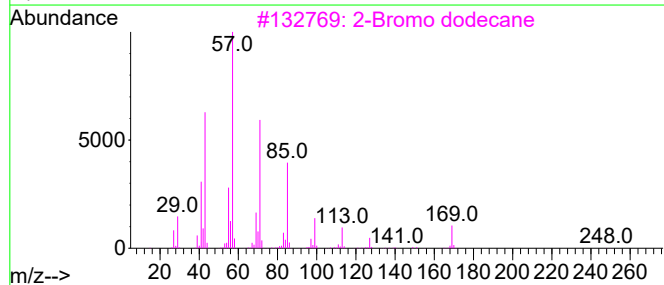
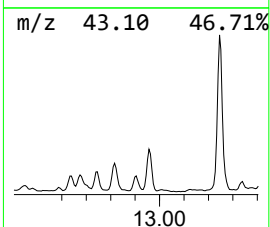
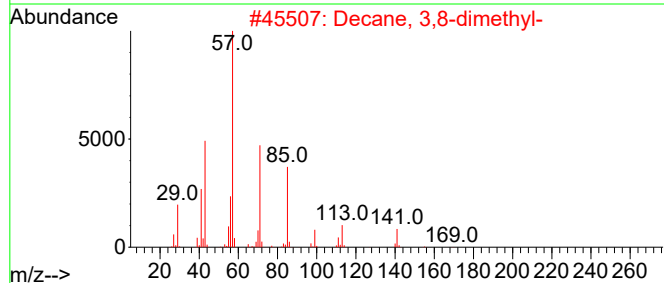
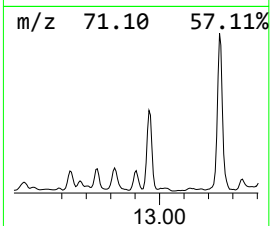
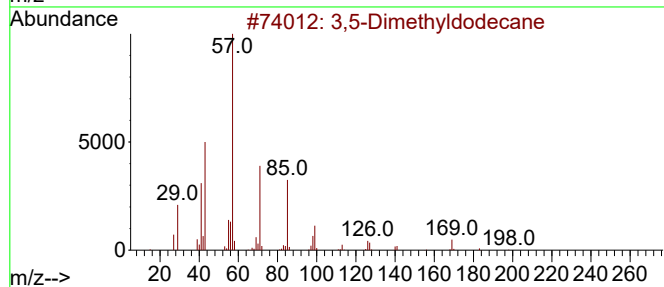
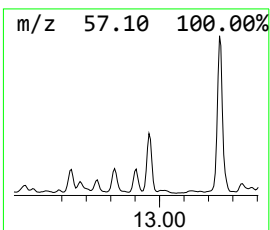
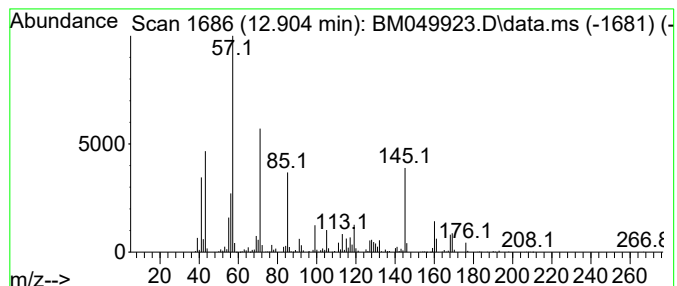
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,5-Dimethyldodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	8.11 ng	1798120	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyldodecane	198	C14H30	107770-99-0	55
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	46
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	46
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
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Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

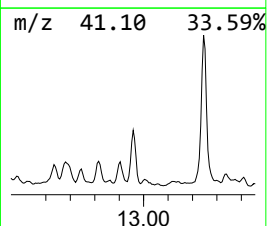
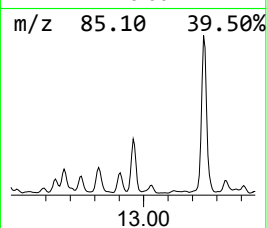
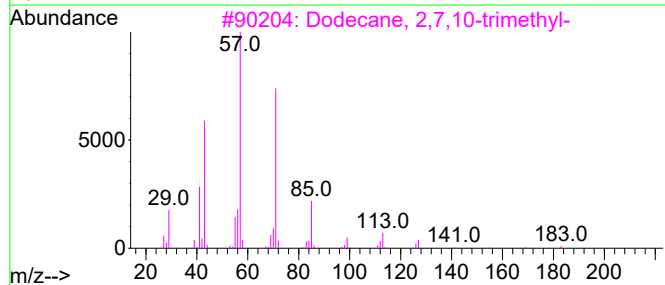
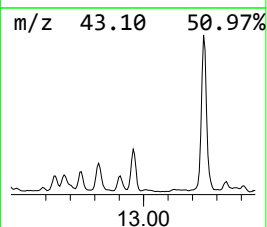
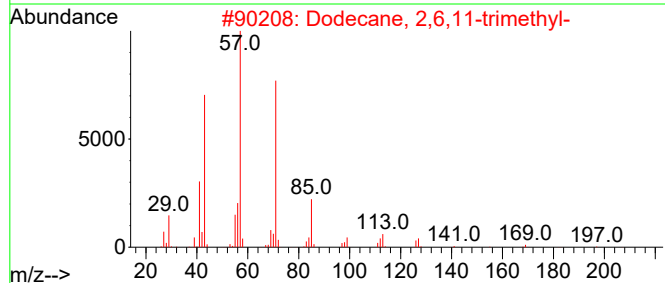
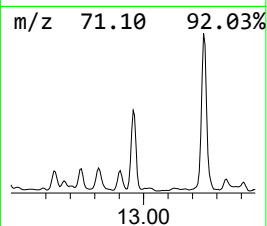
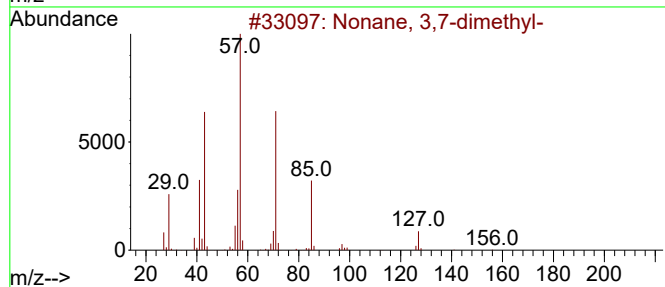
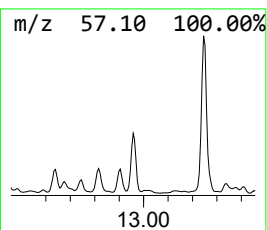
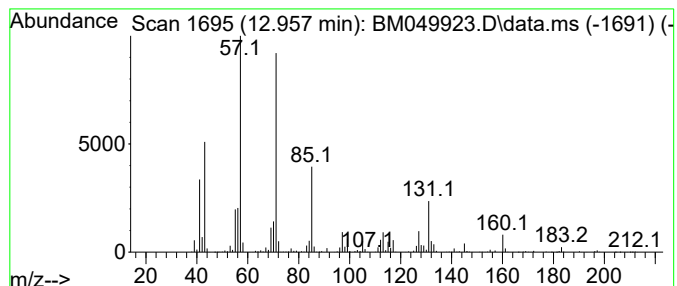
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.957	16.51 ng	3662270	Acenaphthene-d10			14.416
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	70
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	58
3	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	58
4	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	58
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

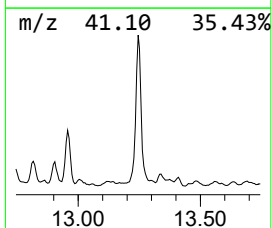
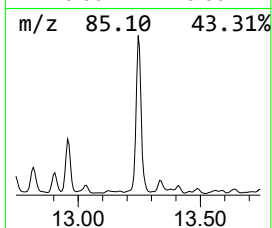
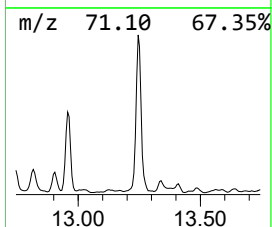
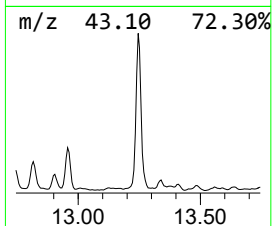
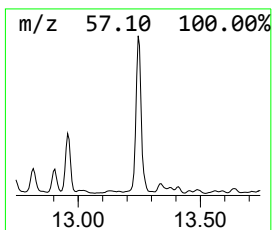
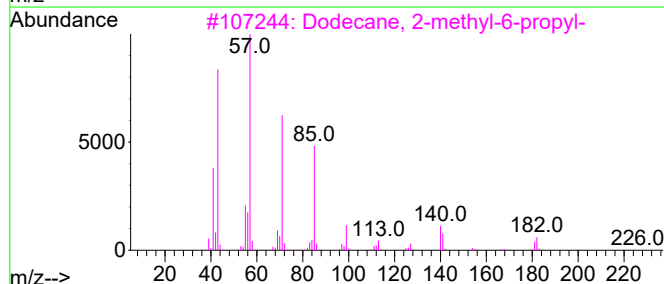
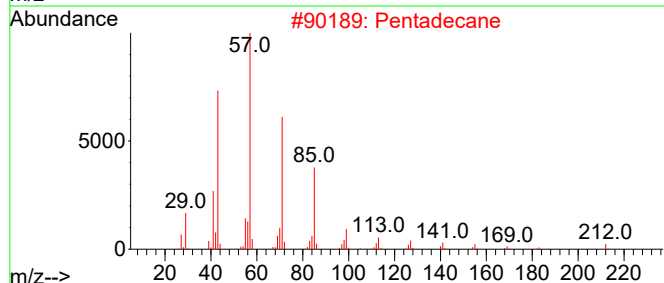
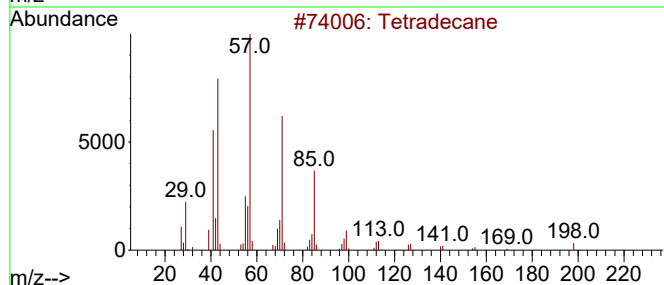
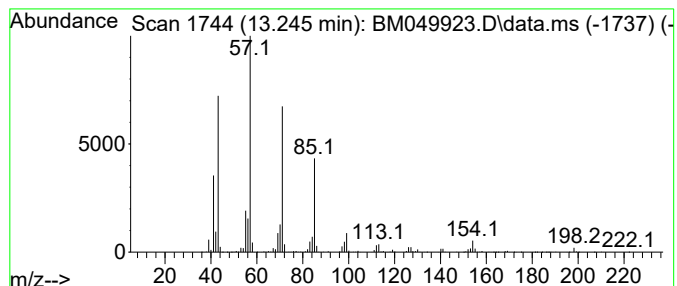
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.245	39.29 ng	8713900	Acenaphthene-d10		14.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	92
2	Pentadecane		212	C15H32	000629-62-9	86
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
4	Octadecane, 1-chloro-		288	C18H37Cl	003386-33-2	78
5	Hexadecane		226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
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Sample : Q1784-01 5X
Misc :
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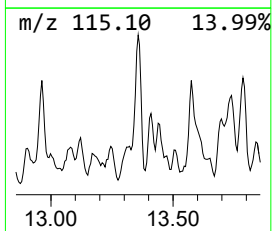
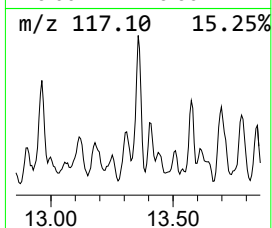
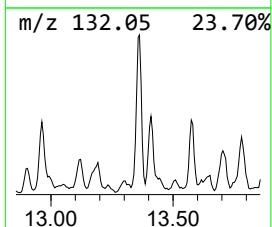
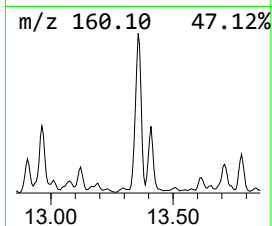
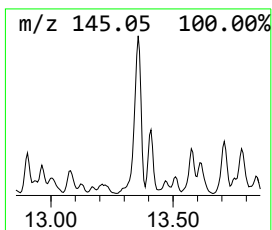
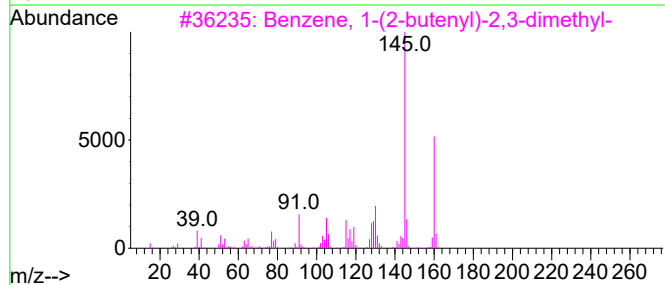
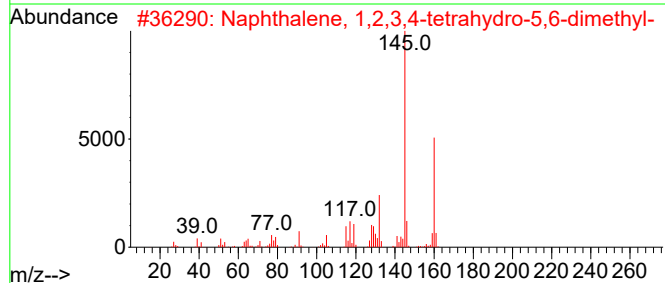
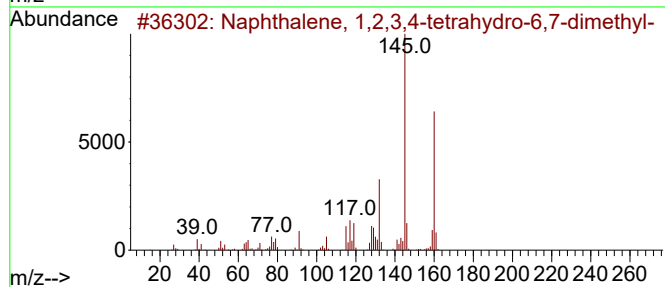
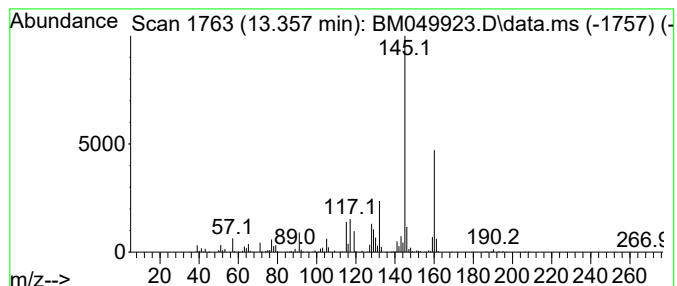
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.357	9.39 ng	2083700	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	95
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
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Acq On : 14 Apr 2025 21:04
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ALS Vial : 15 Sample Multiplier: 1

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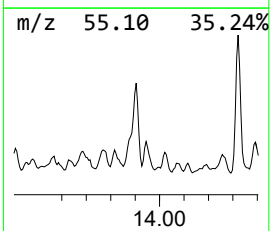
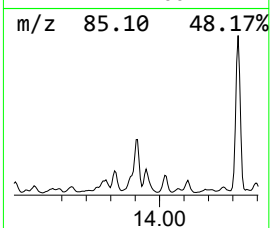
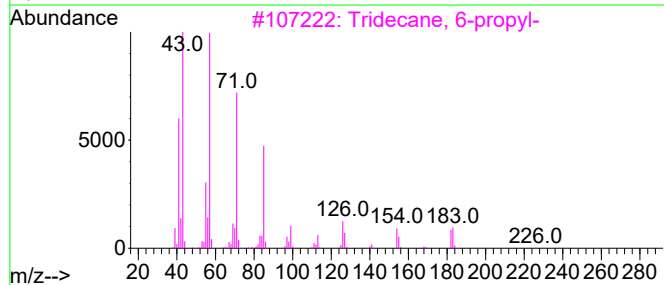
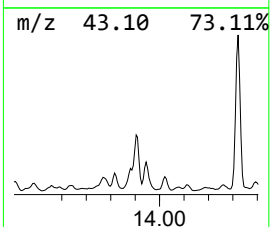
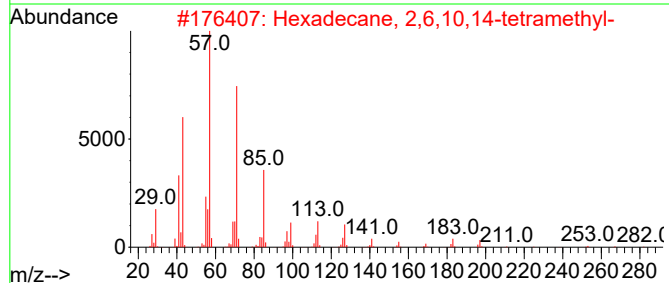
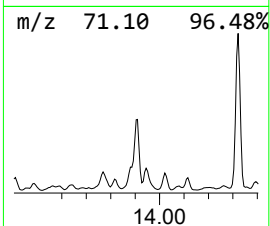
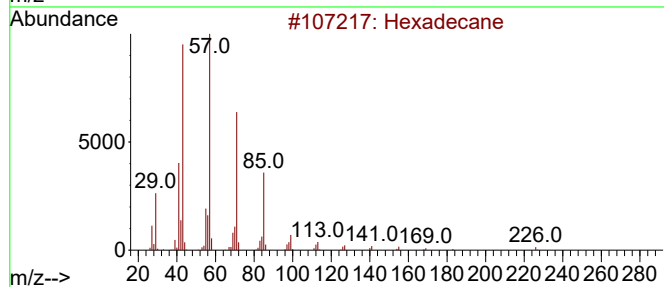
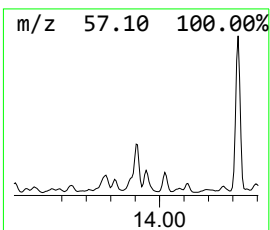
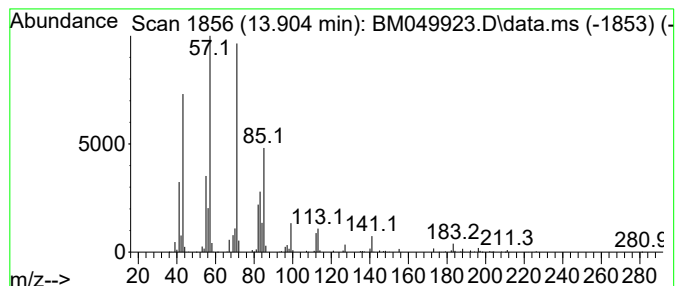
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	9.76 ng	2164570	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	74
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	58
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-41125

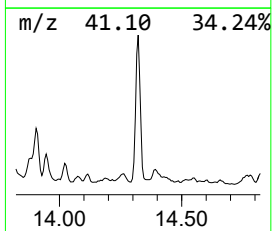
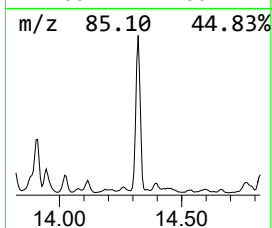
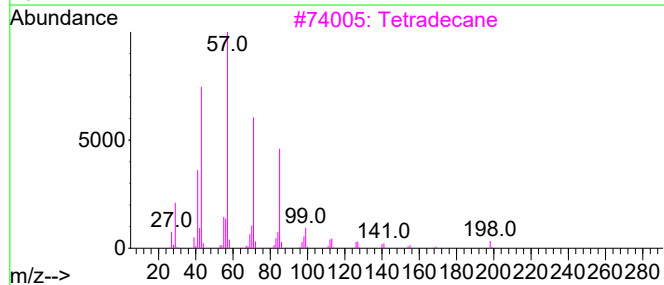
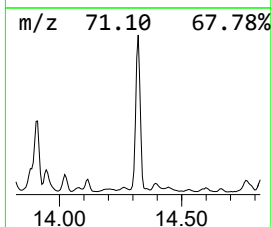
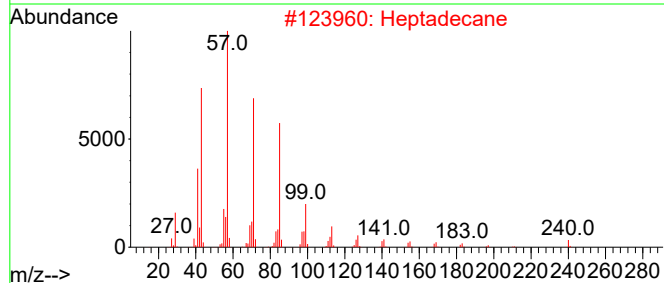
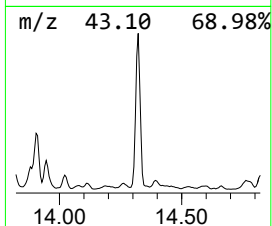
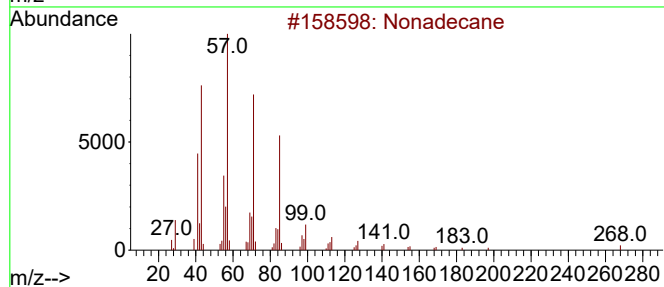
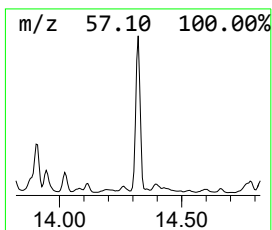
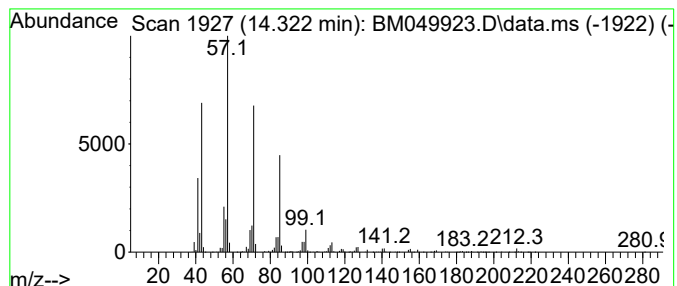
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	23.23 ng	5152900	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Tetradecane	198	C14H30	000629-59-4	87
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

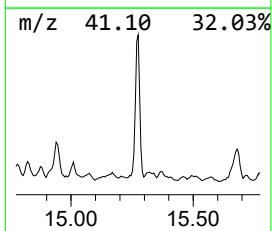
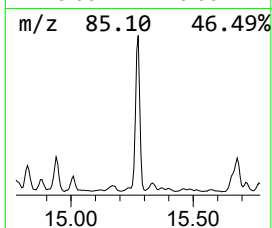
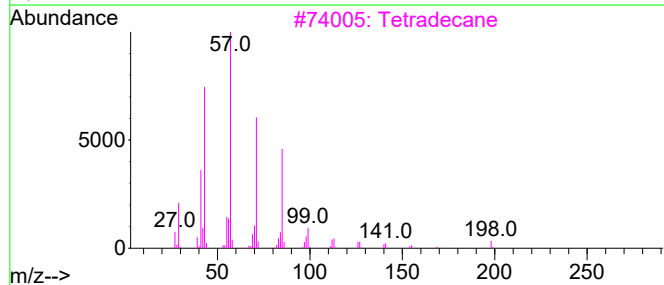
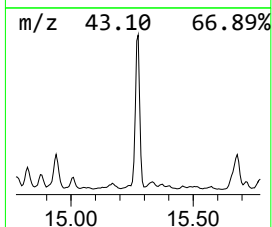
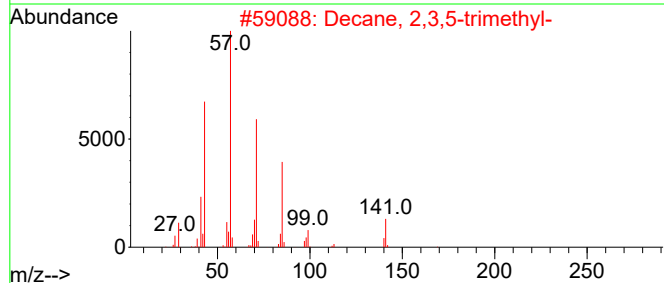
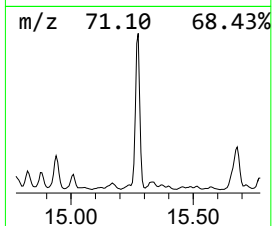
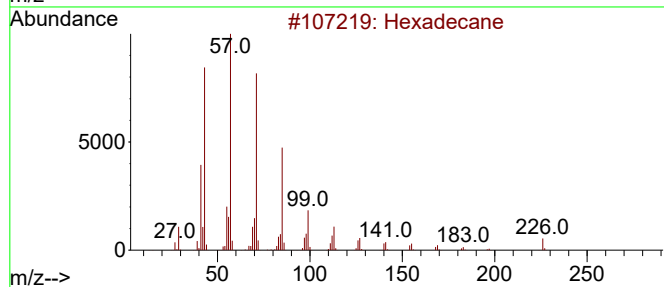
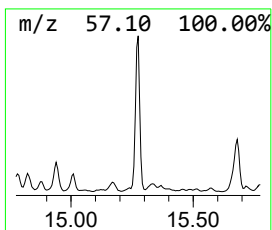
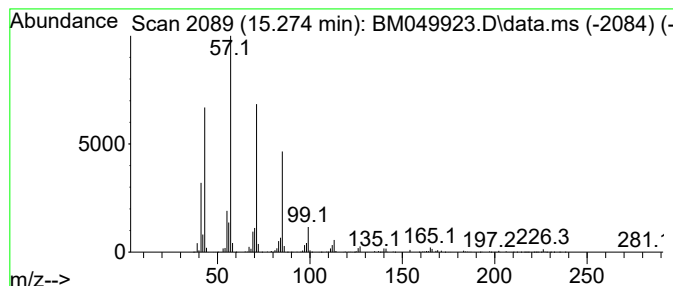
Instrument :
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ClientSampleId :
OR-01-41125

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

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

Peak Number 18 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.274	14.78 ng	3278910	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-41125

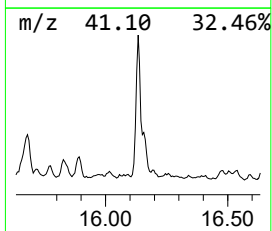
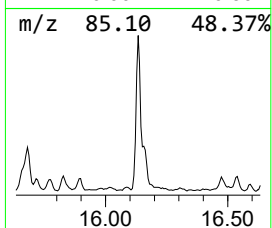
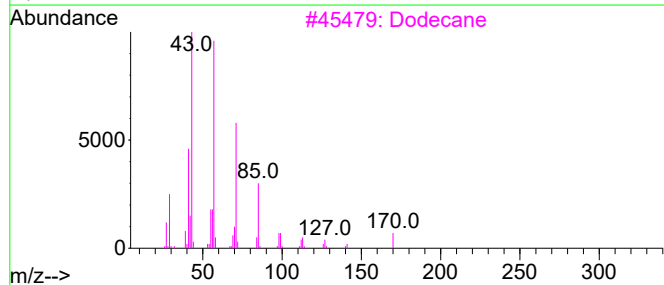
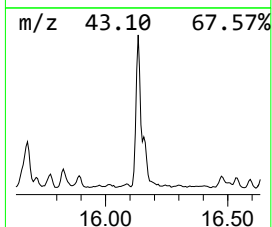
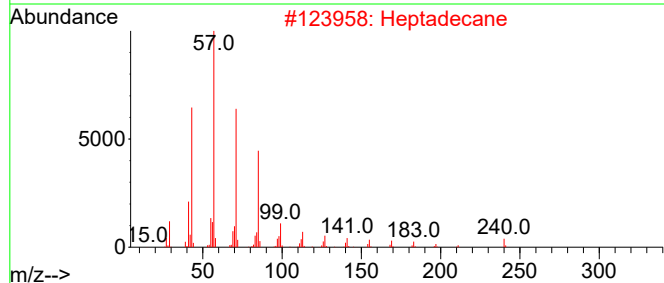
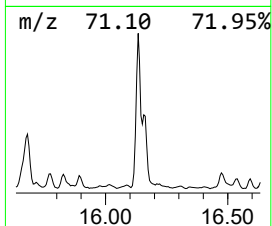
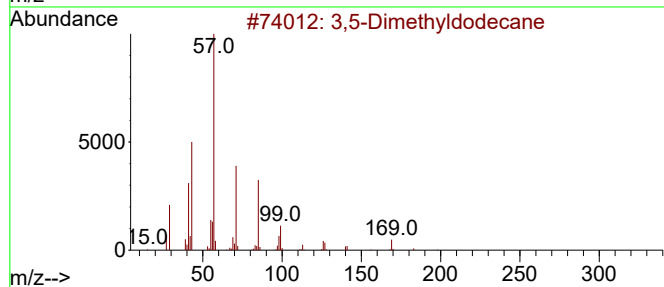
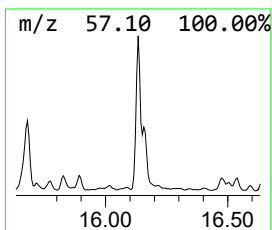
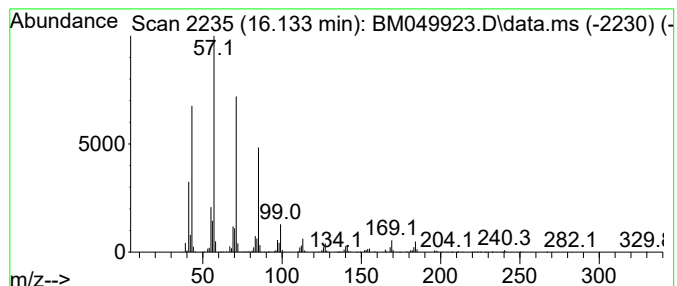
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	14.62 ng	2843980	Phenanthrene-d10	17.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyldodecane	198	C14H30	107770-99-0	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Dodecane	170	C12H26	000112-40-3	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-41125

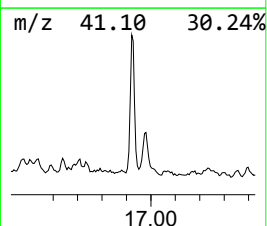
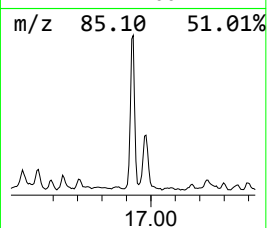
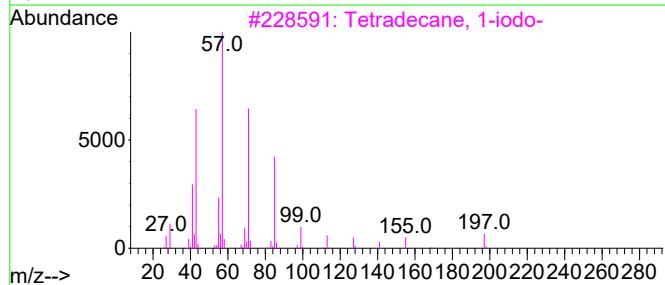
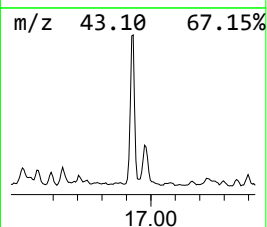
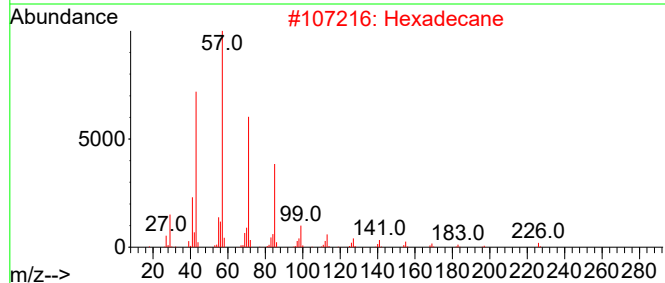
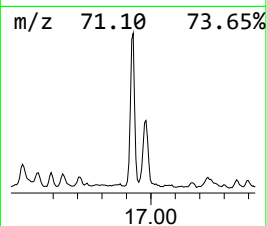
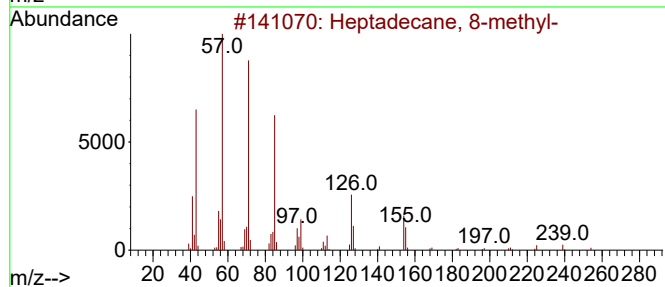
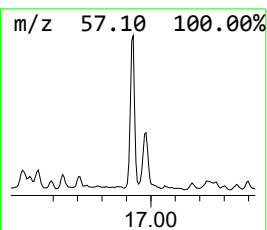
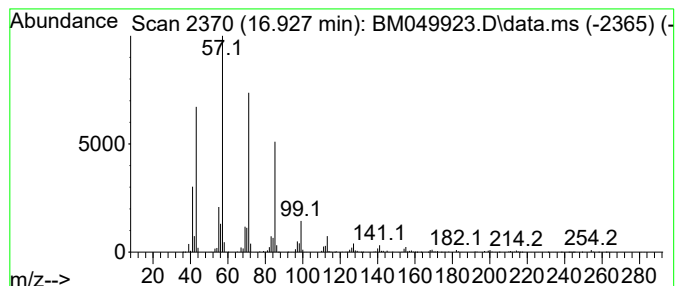
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 8-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.927	8.86 ng	1723120	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4			Pentadecane	212	C15H32	000629-62-9	83
5			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049923.D
Acq On : 14 Apr 2025 21:04
Operator : RC/JU
Sample : Q1784-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-41125

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.404	23.6	ng	6754590	1	7.769	5730600	20.0
Cyclohexane, bu...	8.063	7.2	ng	2060710	1	7.769	5730600	20.0
Benzene, 1-meth...	8.316	18.0	ng	5164700	1	7.769	5730600	20.0
1,3,8-p-Menthat...	8.410	9.2	ng	2646450	1	7.769	5730600	20.0
Decane, 3-methyl-	8.545	9.7	ng	2765090	1	7.769	5730600	20.0
Carbonic acid, ...	9.010	50.5	ng	14458200	1	7.769	5730600	20.0
Benzene, 1-meth...	9.128	14.4	ng	4116120	1	7.769	5730600	20.0
Dodecane, 4,6-d...	11.598	7.5	ng	7198490	2	10.563	19176100	20.0
Tridecane	12.004	12.4	ng	11839900	2	10.563	19176100	20.0
Cyclopentane, p...	12.681	7.7	ng	1708550	3	14.416	4435850	20.0
unknown12.745	12.745	7.2	ng	1601390	3	14.416	4435850	20.0
3,5-Dimethyldod...	12.904	8.1	ng	1798120	3	14.416	4435850	20.0
Nonane, 3,7-dim...	12.957	16.5	ng	3662270	3	14.416	4435850	20.0
Tetradecane	13.245	39.3	ng	8713900	3	14.416	4435850	20.0
Naphthalene, 1,...	13.357	9.4	ng	2083700	3	14.416	4435850	20.0
Hexadecane	13.904	9.8	ng	2164570	3	14.416	4435850	20.0
Nonadecane	14.322	23.2	ng	5152900	3	14.416	4435850	20.0
Decane, 2,3,5-t...	15.274	14.8	ng	3278910	3	14.416	4435850	20.0
Heptadecane	16.133	14.6	ng	2843980	4	17.157	3890350	20.0
Heptadecane, 8-...	16.927	8.9	ng	1723120	4	17.157	3890350	20.0