

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
 Data File : BF141830.D
 Acq On : 04 Mar 2025 16:47
 Operator : RC/JU
 Sample : Q1480-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

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_F\Methods\8270-BF022725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	15	21	27	rVB	1562350	2515948	15.32%	0.787%
2	2.369	27	47	53	rVB	393649	1155222	7.04%	0.361%
3	3.210	180	190	194	rVV	238781	615969	3.75%	0.193%
4	3.257	194	198	204	rVV	240326	502625	3.06%	0.157%
5	3.675	254	269	275	rBV	782655	1838564	11.20%	0.575%
6	3.804	280	291	297	rBV	777712	1628976	9.92%	0.510%
7	3.875	297	303	309	rVB	374725	663393	4.04%	0.208%
8	3.987	314	322	330	rVV3	1079296	2591797	15.78%	0.811%
9	4.122	337	345	351	rVV	1254669	2408406	14.67%	0.754%
10	4.263	359	369	374	rBV	953708	1678638	10.22%	0.525%
11	4.404	386	393	396	rBV	237343	455644	2.77%	0.143%
12	4.445	396	400	409	rVB3	224790	554619	3.38%	0.174%
13	4.569	416	421	428	rVB4	553304	1108194	6.75%	0.347%
14	4.681	433	440	447	rBV4	511246	932110	5.68%	0.292%
15	4.763	447	454	460	rVB	339384	593982	3.62%	0.186%
16	4.869	468	472	476	rVB	405217	519622	3.16%	0.163%
17	4.975	486	490	495	rVB	455855	639661	3.90%	0.200%
18	5.051	495	503	512	rVB2	1363972	2773970	16.89%	0.868%
19	5.128	512	516	519	rBV2	285923	444542	2.71%	0.139%
20	5.322	544	549	551	rBV2	836939	1282887	7.81%	0.401%
21	5.351	551	554	558	rVB3	547127	858508	5.23%	0.269%
22	5.404	558	563	565	rBV	1787900	2702292	16.46%	0.845%
23	5.428	565	567	572	rVV	2100746	2394307	14.58%	0.749%
24	5.504	572	580	587	rVB2	6149484	9503989	57.88%	2.974%
25	5.569	587	591	595	rBV2	611600	962738	5.86%	0.301%
26	5.634	599	602	605	rVV	470185	617677	3.76%	0.193%
27	5.675	605	609	614	rVV3	557388	960105	5.85%	0.300%
28	5.769	619	625	631	rBV4	698301	1505884	9.17%	0.471%
29	5.922	644	651	654	rVV3	568981	1158541	7.06%	0.362%
30	5.963	654	658	666	rVV2	957767	1734402	10.56%	0.543%
31	6.063	666	675	678	rBV2	1535977	3519972	21.44%	1.101%
32	6.092	678	680	684	rVB	633148	771064	4.70%	0.241%
33	6.145	684	689	694	rBV2	1479325	2680300	16.32%	0.839%
34	6.192	695	697	702	rVB	442893	542299	3.30%	0.170%
35	6.357	715	725	728	rBV	4600312	9349761	56.94%	2.925%
36	6.387	728	730	734	rVV2	3328324	4491016	27.35%	1.405%

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Integrator: RTE

Smoothing : ON

Filtering: 5

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.428	734	737	743	rVV2	2252714	3908130	23.80%	1.223%
38	6.498	743	749	756	rVV3	7742043	14766837	89.93%	4.620%
39	6.575	758	762	768	rVB2	1297178	1837463	11.19%	0.575%
40	6.663	768	777	784	rBV8	618289	2107407	12.83%	0.659%
41	6.728	784	788	795	rVV6	323796	625341	3.81%	0.196%
42	6.834	800	806	811	rVV3	1414595	3389435	20.64%	1.060%
43	6.898	811	817	821	rVV2	1710448	4196099	25.56%	1.313%
44	6.951	821	826	832	rVV	6597436	10079794	61.39%	3.154%
45	7.016	832	837	842	rVV2	1541896	3642127	22.18%	1.140%
46	7.069	842	846	851	rVB	4539818	5969601	36.36%	1.868%
47	7.139	851	858	860	rBV	3993198	5908753	35.99%	1.849%
48	7.163	860	862	865	rVV	2208787	2903120	17.68%	0.908%
49	7.210	865	870	877	rVV2	9202336	16419630	100.00%	5.137%
50	7.281	877	882	886	rVB2	3903098	5341852	32.53%	1.671%
51	7.328	886	890	891	rBV	527049	685208	4.17%	0.214%
52	7.351	891	894	900	rVB2	1813449	2718583	16.56%	0.851%
53	7.428	900	907	910	rBV	9491760	15517361	94.50%	4.855%
54	7.457	910	912	920	rVB3	5243906	6701142	40.81%	2.097%
55	7.534	920	925	928	rBV3	2098312	3012744	18.35%	0.943%
56	7.569	928	931	939	rVV4	2506191	4549784	27.71%	1.424%
57	7.657	939	946	955	rVV	5435085	9667944	58.88%	3.025%
58	7.722	955	957	961	rVB2	309100	391113	2.38%	0.122%
59	7.775	961	966	968	rBV2	2133677	3362154	20.48%	1.052%
60	7.845	971	978	982	rVV3	4807772	11022700	67.13%	3.449%
61	7.910	982	989	996	rVV3	7803303	15964240	97.23%	4.995%
62	7.986	999	1002	1007	rVV3	1872949	2987583	18.20%	0.935%
63	8.039	1007	1011	1015	rVB	2341135	3173896	19.33%	0.993%
64	8.157	1019	1031	1033	rBV	4240482	9580304	58.35%	2.997%
65	8.192	1033	1037	1045	rVV3	7236257	13994366	85.23%	4.379%
66	8.257	1045	1048	1051	rVB	1453690	1649902	10.05%	0.516%
67	8.333	1055	1061	1064	rBV3	902857	1715587	10.45%	0.537%
68	8.445	1072	1080	1089	rBV7	1794408	5292081	32.23%	1.656%
69	8.516	1089	1092	1094	rVV2	650350	853502	5.20%	0.267%
70	8.551	1094	1098	1101	rVV	2174305	3018341	18.38%	0.944%
71	8.581	1101	1103	1107	rVV2	652125	878282	5.35%	0.275%
72	8.633	1108	1112	1115	rVV	1137761	1409415	8.58%	0.441%
73	8.675	1115	1119	1124	rVV3	1016199	1478548	9.00%	0.463%
74	8.722	1124	1127	1130	rBV2	473912	509295	3.10%	0.159%
75	8.757	1130	1133	1137	rBV2	827881	953389	5.81%	0.298%
76	8.880	1149	1154	1158	rVB	6188671	8262785	50.32%	2.585%

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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 >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	8.980	1165	1171	1178	rVB	3297374	4983653	30.35%	1.559%
78	9.110	1190	1193	1198	rVB2	379450	575308	3.50%	0.180%
79	9.186	1203	1206	1209	rVV4	349582	453548	2.76%	0.142%
80	9.239	1210	1215	1220	rVB	5082716	6531107	39.78%	2.043%
81	9.328	1225	1230	1235	rBV2	181120	425049	2.59%	0.133%
82	9.433	1244	1248	1254	rVB	555701	857402	5.22%	0.268%
83	9.504	1254	1260	1265	rVB	1019090	1593338	9.70%	0.499%
84	9.575	1267	1272	1275	rBV	1200063	1733819	10.56%	0.542%
85	9.604	1275	1277	1280	rVV	635427	700199	4.26%	0.219%
86	9.639	1280	1283	1289	rVV2	351982	570469	3.47%	0.178%
87	9.692	1289	1292	1302	rVB2	465200	755427	4.60%	0.236%
88	9.916	1323	1330	1334	rBV	1661649	2261335	13.77%	0.708%
89	10.116	1353	1364	1368	rBV3	253617	532228	3.24%	0.167%
90	10.627	1446	1451	1458	rVB	468709	656648	4.00%	0.205%
91	10.704	1458	1464	1468	rBV	2619305	3403281	20.73%	1.065%
92	10.833	1481	1486	1493	rVB2	323640	450769	2.75%	0.141%
93	11.404	1578	1583	1591	rBV2	1294503	2004727	12.21%	0.627%
94	11.927	1665	1672	1683	rBV	1175291	1838674	11.20%	0.575%
95	12.610	1784	1788	1794	rBV	209155	392139	2.39%	0.123%
96	12.716	1801	1806	1821	rBV	827532	1358272	8.27%	0.425%
97	12.986	1847	1852	1857	rVB	3707343	4712205	28.70%	1.474%
98	13.886	2001	2005	2012	rVB	309398	466121	2.84%	0.146%
99	14.033	2025	2030	2039	rVB	1060312	1595730	9.72%	0.499%
100	15.509	2276	2281	2294	rVB	988094	1654984	10.08%	0.518%

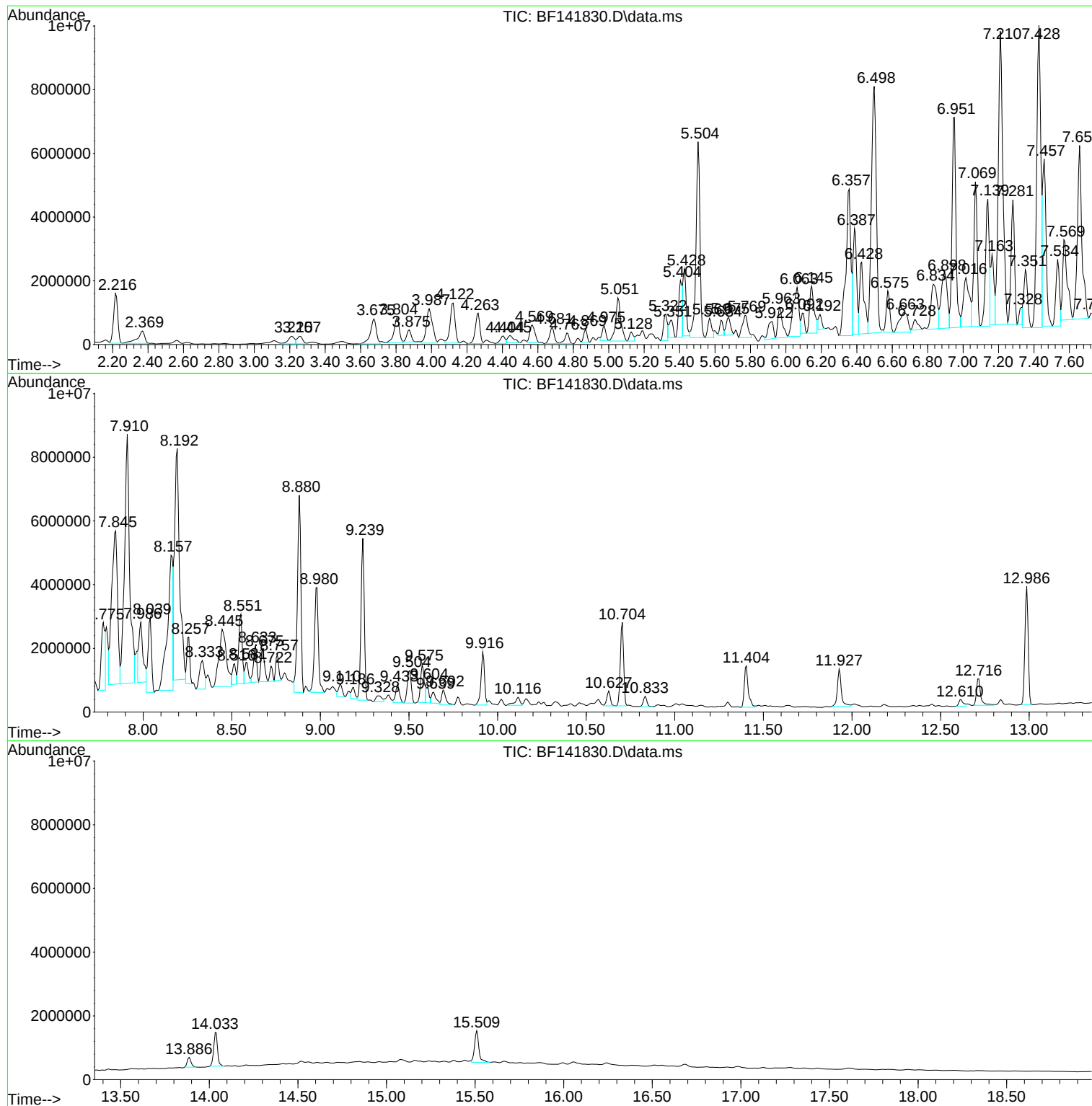
Sum of corrected areas: 319609894

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
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TP-3

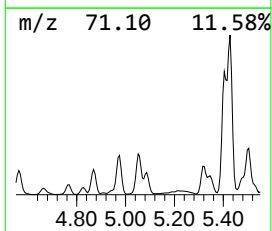
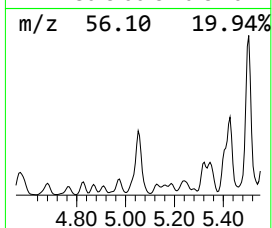
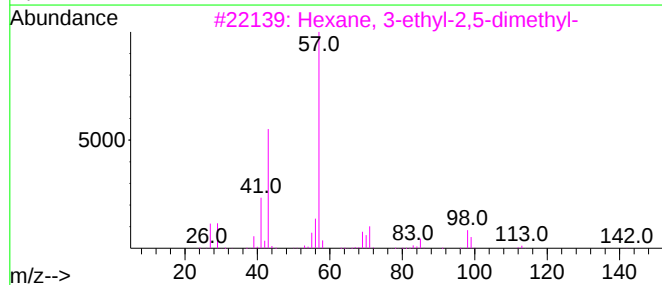
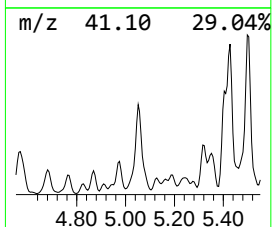
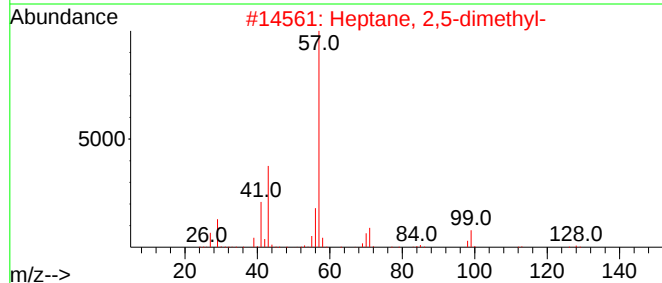
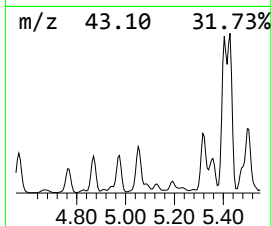
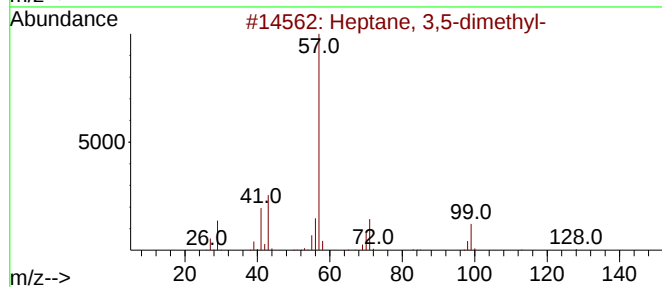
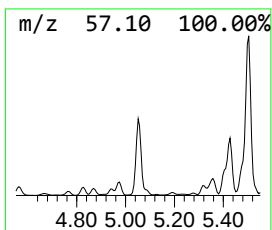
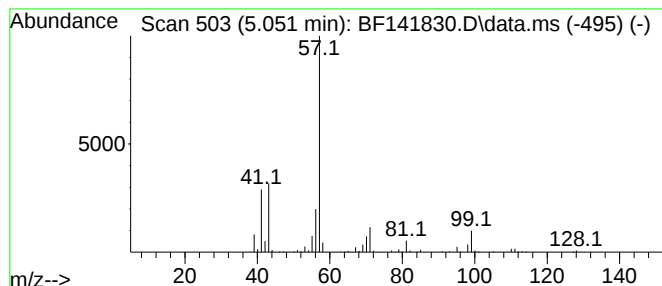
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	13.22 ng	2773970	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
3			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
4			Octane, 3-methyl-	128	C9H20	002216-33-3	50
5			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47



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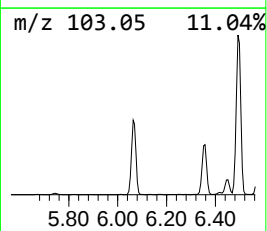
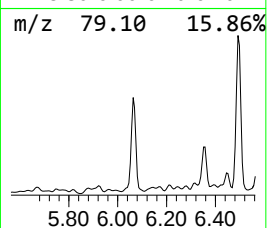
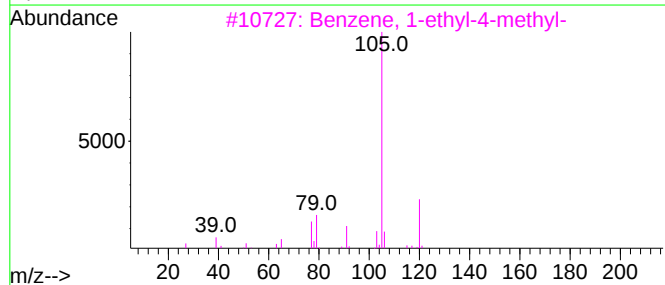
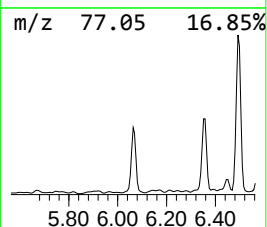
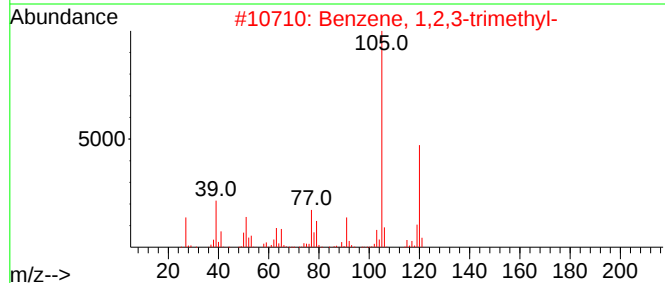
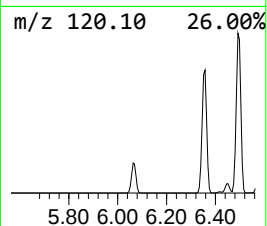
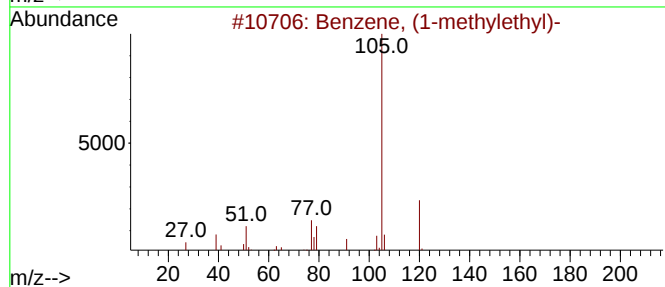
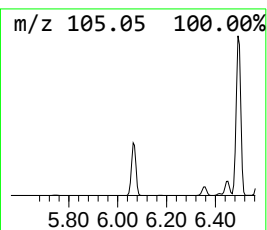
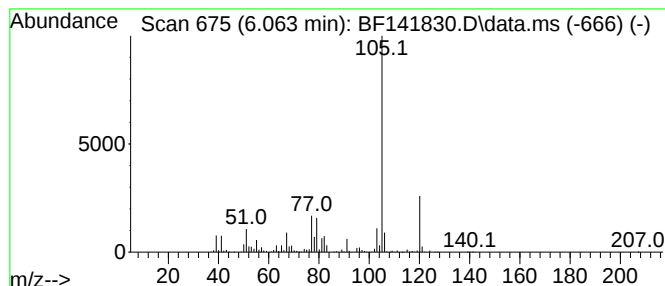
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	16.78 ng	3519970	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
4			Mesitylene	120	C9H12	000108-67-8	72
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64



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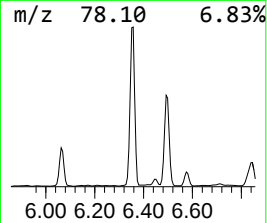
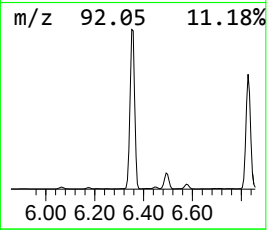
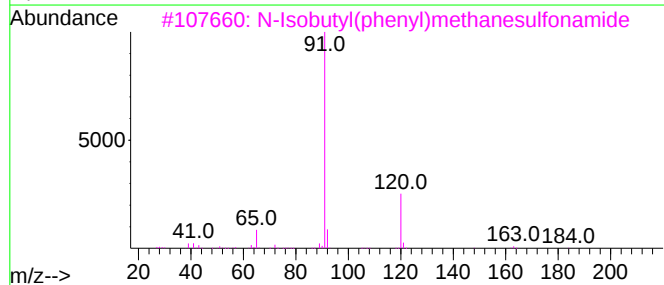
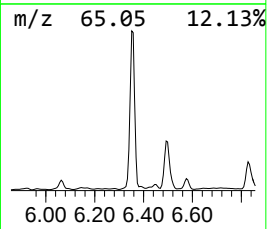
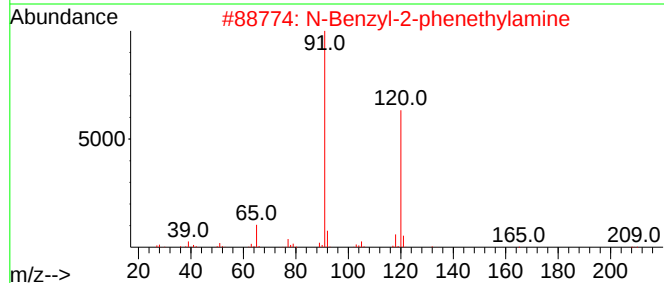
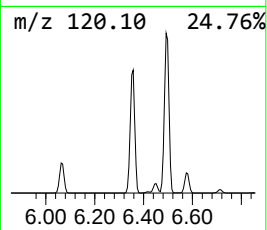
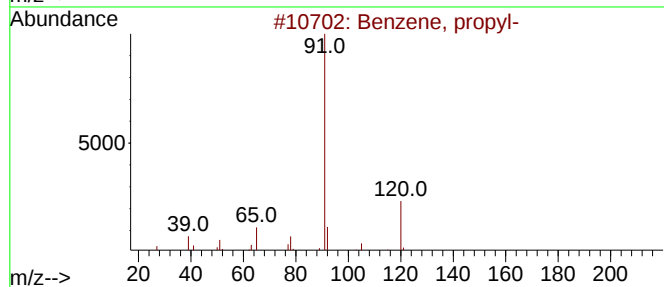
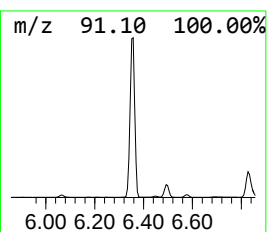
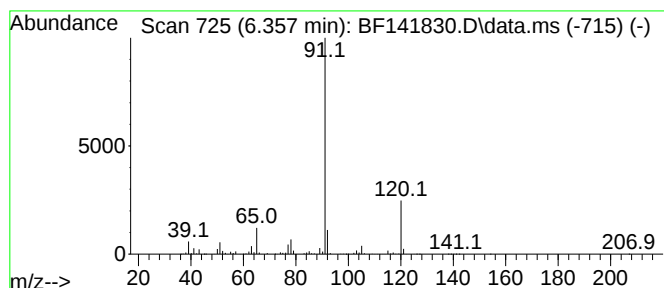
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.357	44.56 ng	9349760	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
4			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5			Benzyl-L-glycine, methyl ester	179	C10H13NO2	1000467-89-6	72



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Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

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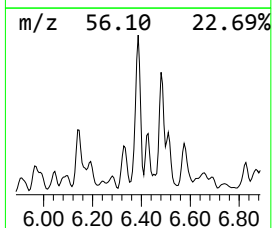
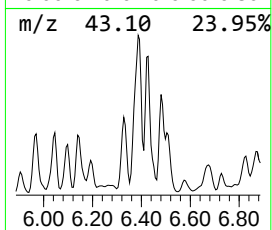
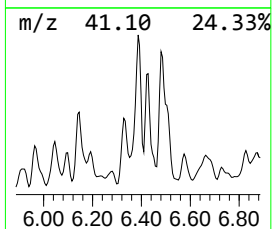
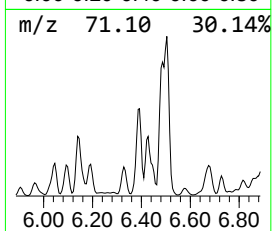
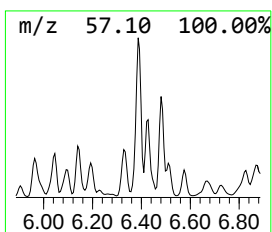
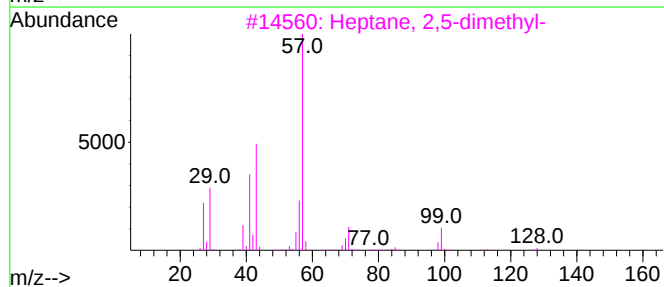
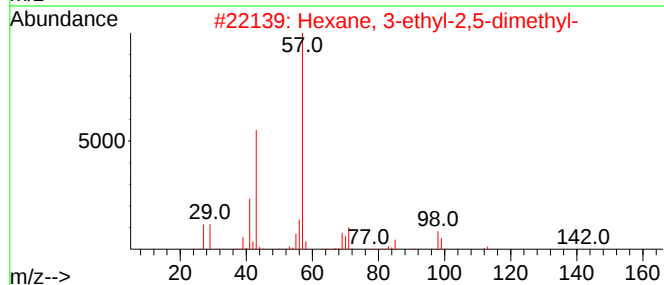
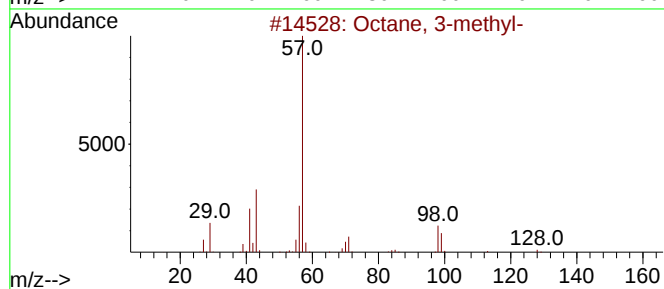
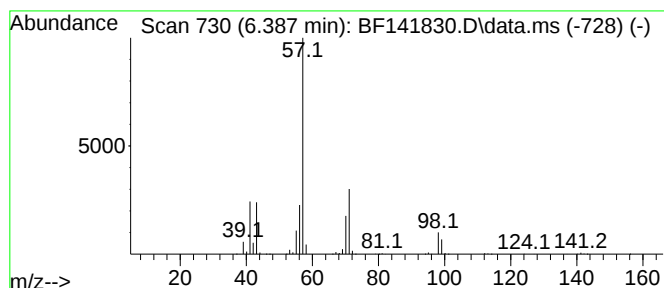
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	21.41 ng	4491020	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	59
2			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	53
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
4			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	47
5			Undecane, 6-methyl-	170	C12H26	017302-33-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
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Instrument :
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ClientSampleId :
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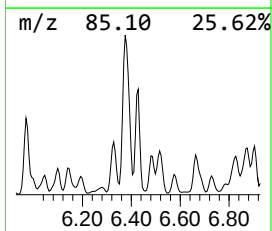
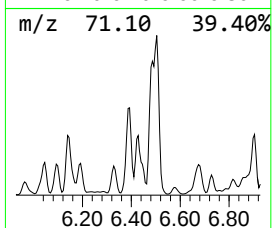
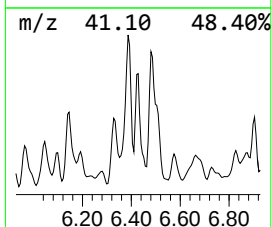
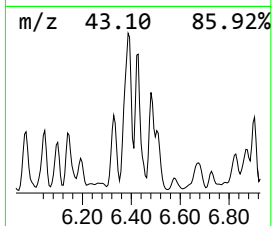
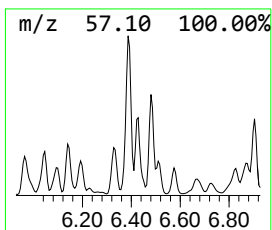
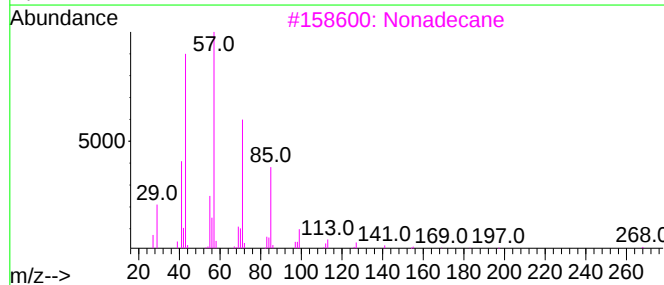
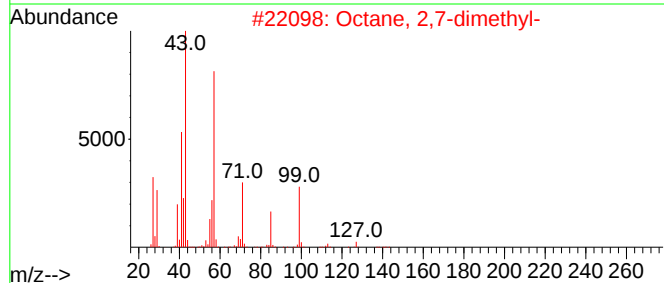
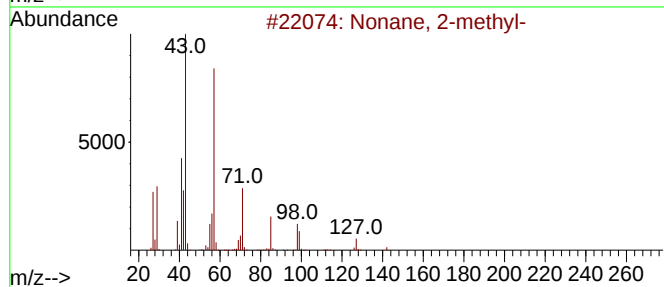
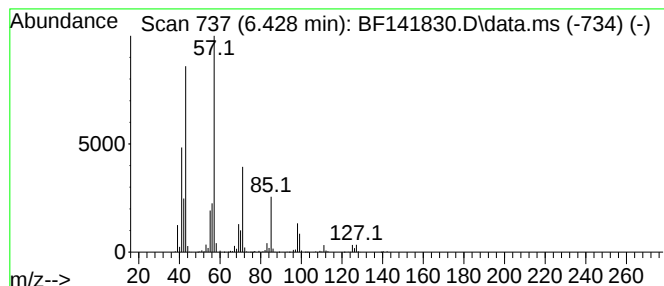
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	18.63 ng	3908130	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-	142	C10H22	000871-83-0	83
2			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
3			Nonadecane	268	C19H40	000629-92-5	59
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
5			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
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Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

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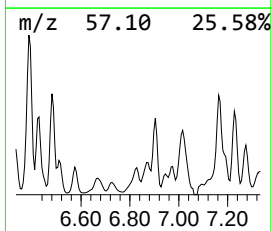
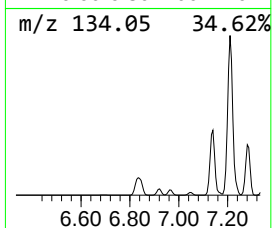
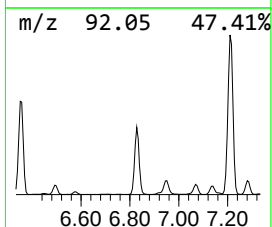
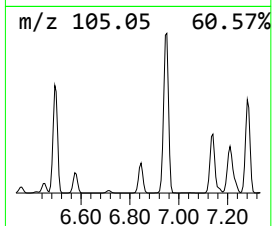
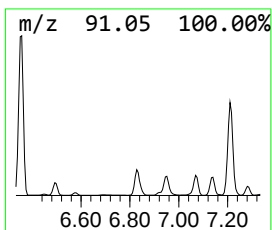
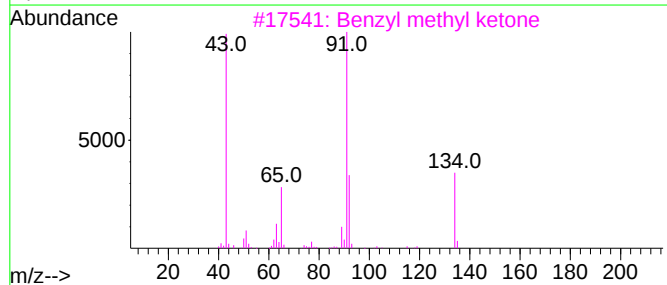
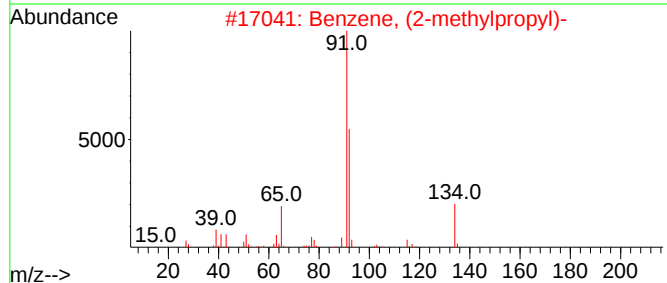
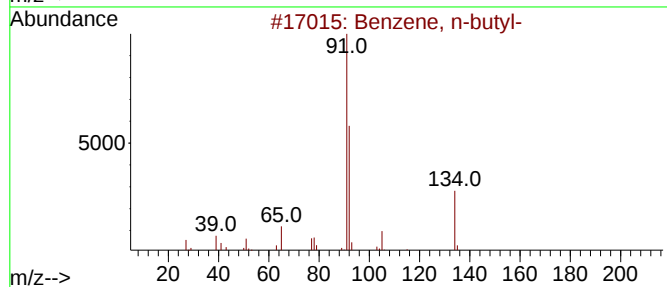
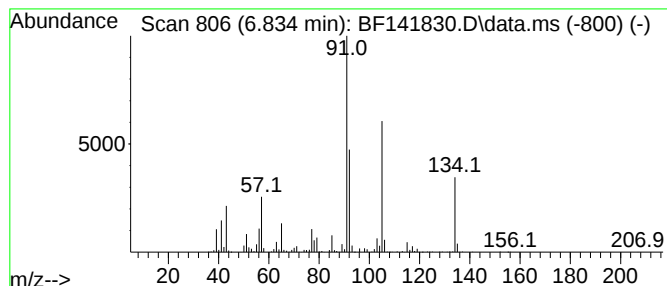
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, n-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.834	16.16 ng	3389440	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, n-butyl-	134	C10H14	000104-51-8	72
2			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	68
3			Benzyl methyl ketone	134	C9H10O	000103-79-7	50
4			Acetaldehyde dibenzyl acetal	242	C16H18O2	1000431-44-3	50
5			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
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Acq On : 04 Mar 2025 16:47
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Sample : Q1480-17
Misc :
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Instrument :
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ClientSampleId :
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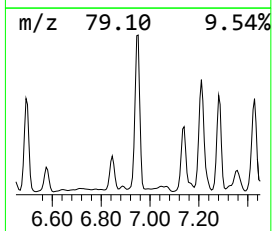
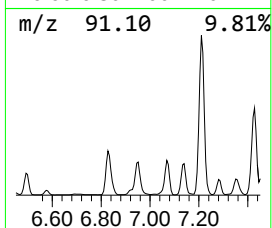
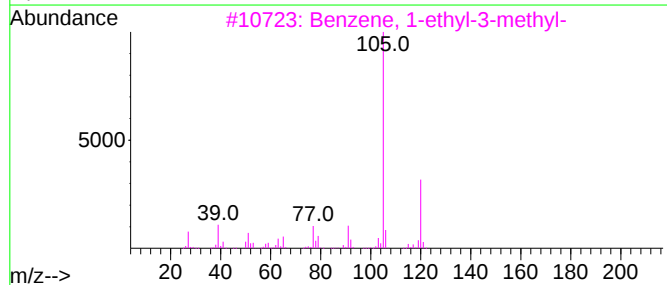
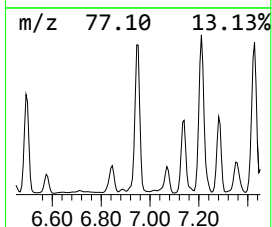
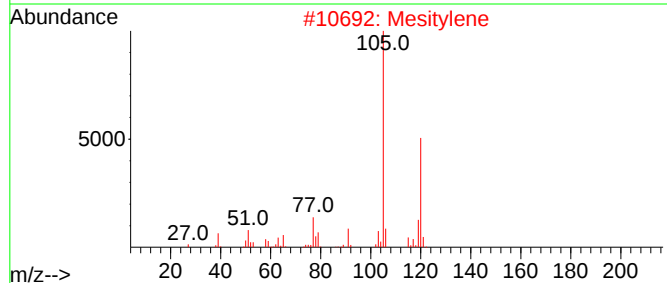
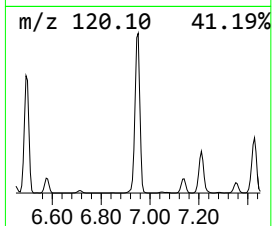
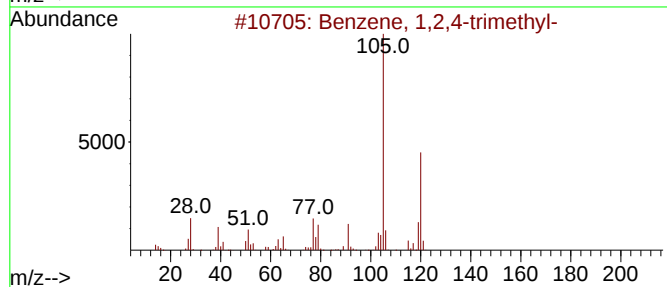
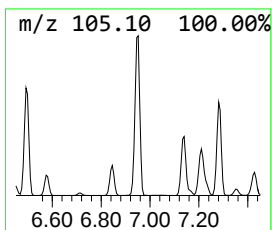
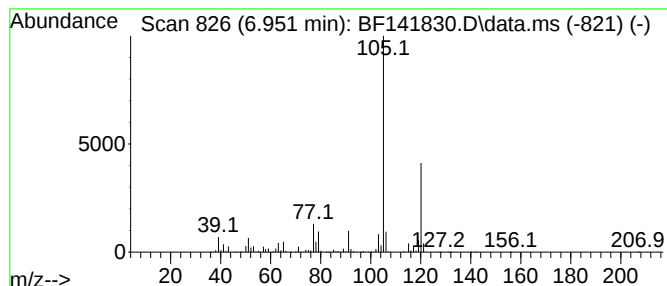
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.951	48.04 ng	10079800	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2			Mesitylene	120	C9H12	000108-67-8	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
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Misc :
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Instrument :
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ClientSampleId :
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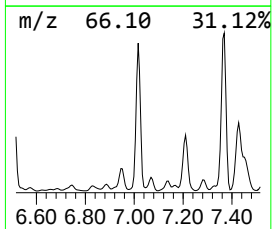
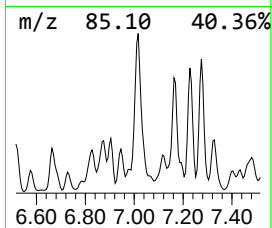
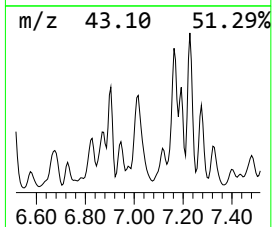
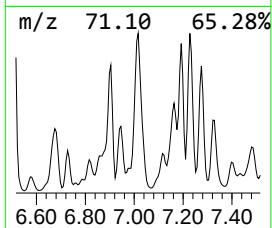
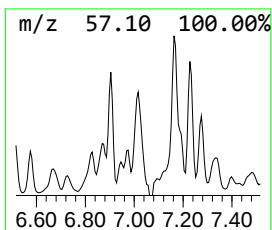
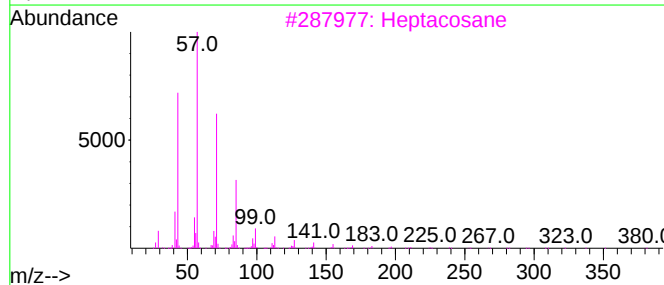
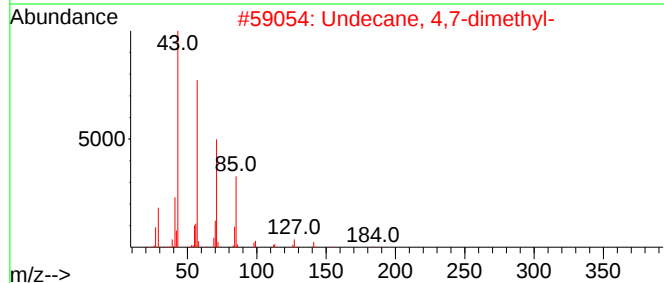
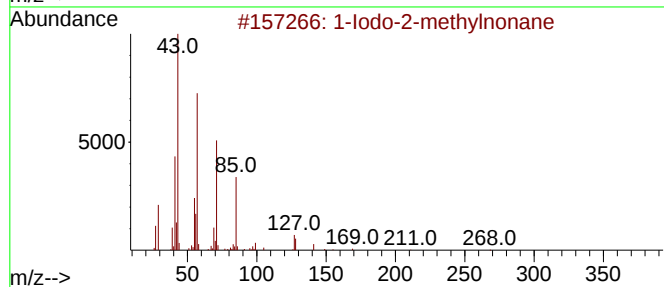
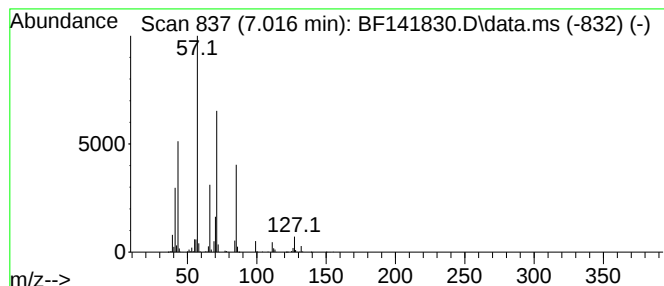
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.016 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.016	17.36 ng	3642130	1,4-Dichlorobenzene-d4	6.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43
2		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	43
3		Heptacosane	380	C27H56	000593-49-7	43
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	37
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
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Acq On : 04 Mar 2025 16:47
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Instrument :
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ClientSampleId :
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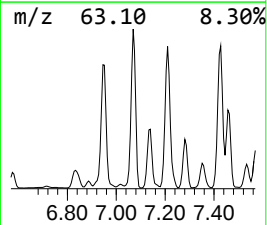
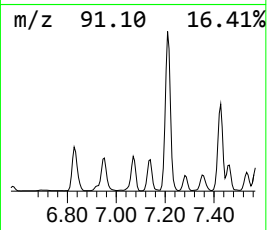
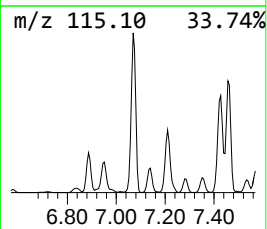
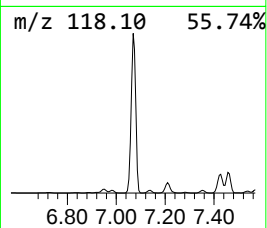
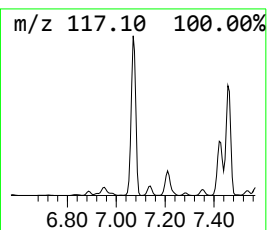
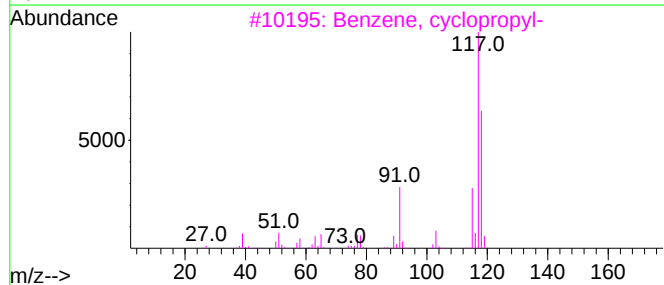
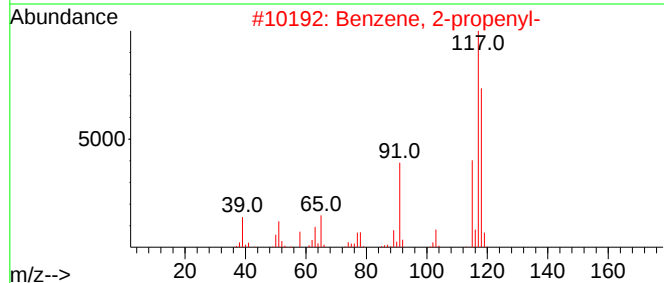
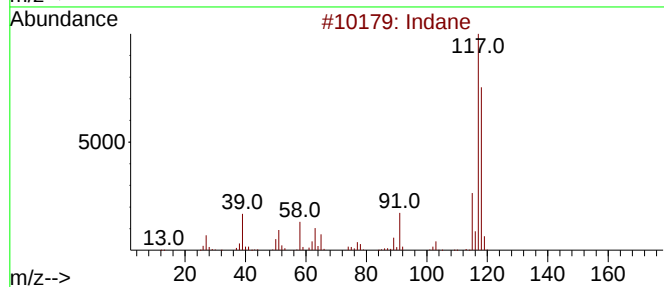
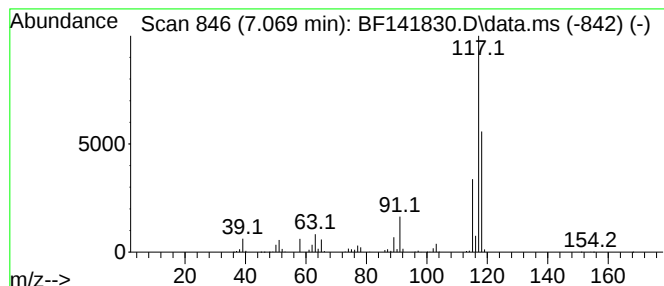
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	28.45 ng	5969600	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
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ALS Vial : 8 Sample Multiplier: 1

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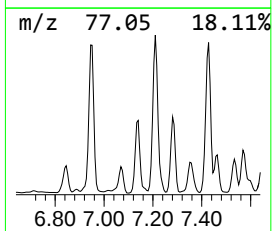
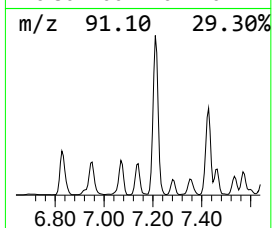
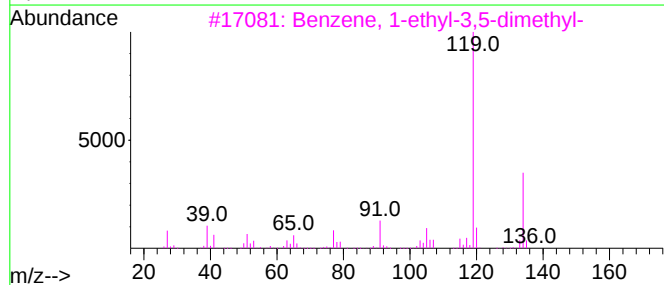
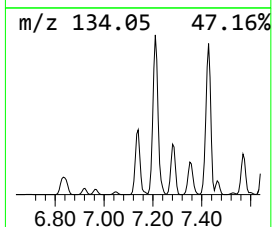
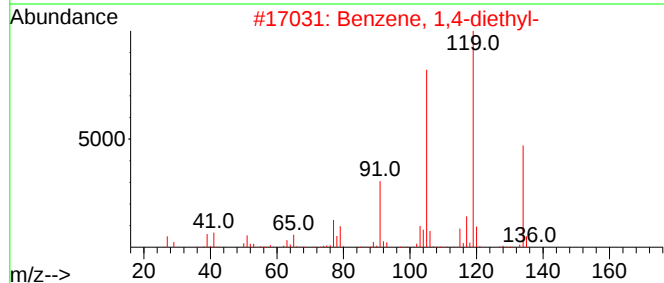
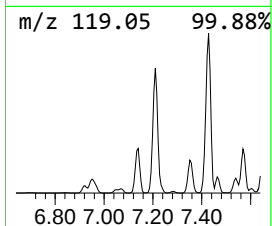
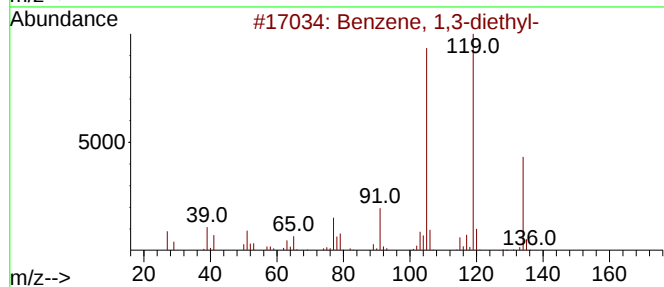
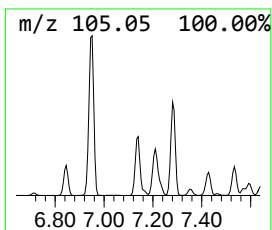
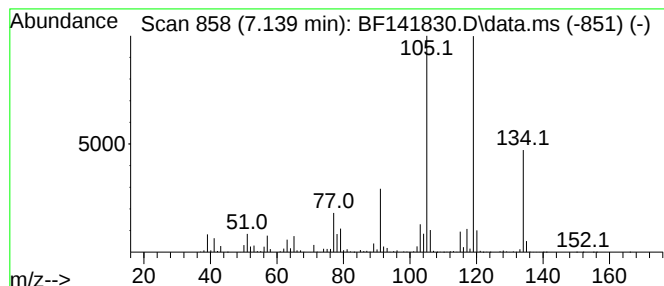
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	28.16 ng	5908750	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

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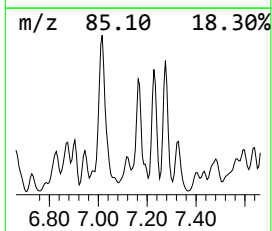
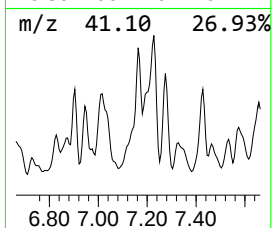
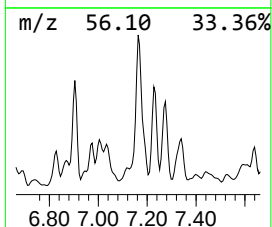
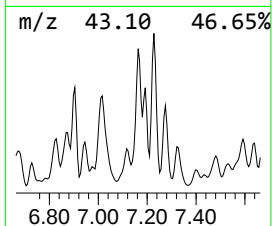
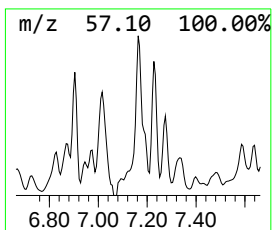
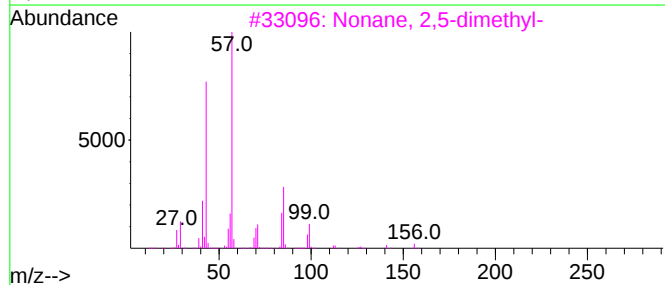
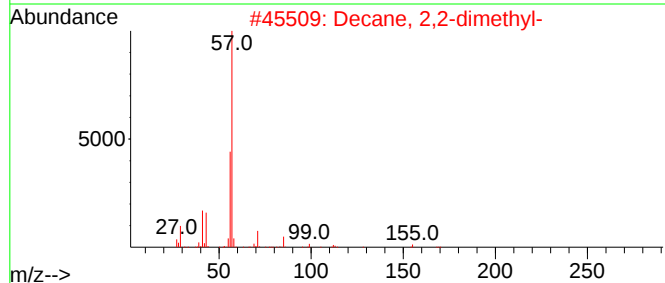
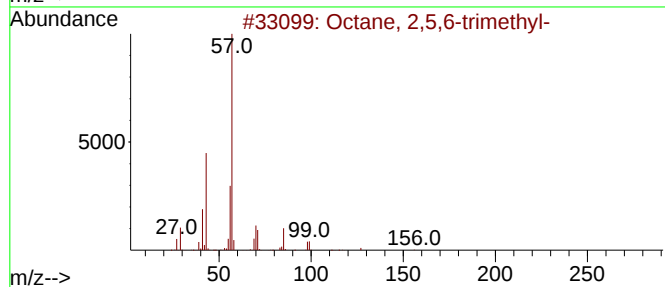
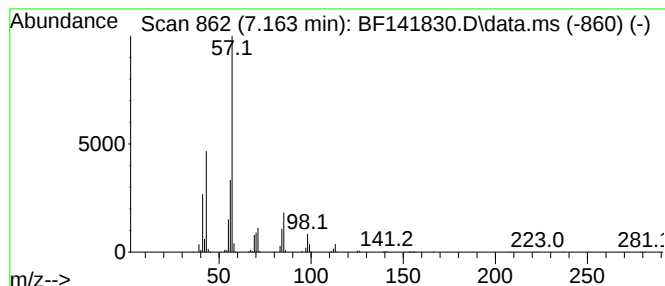
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octane, 2,5,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
7.163	13.84 ng	2903120	1,4-Dichlorobenzene-d4			6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	72		
2	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	53		
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	53		
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50		
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

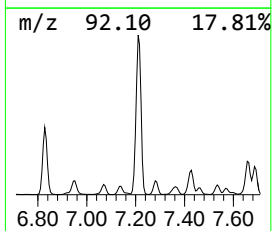
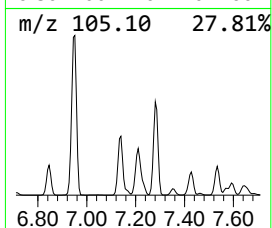
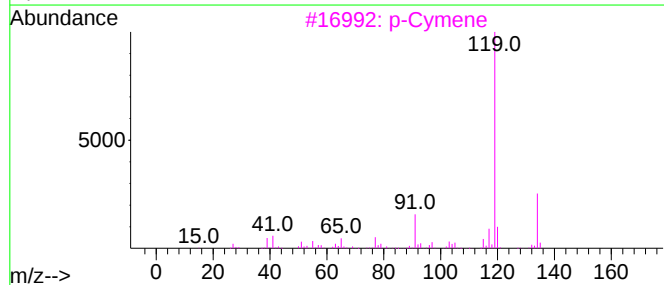
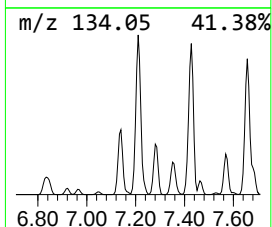
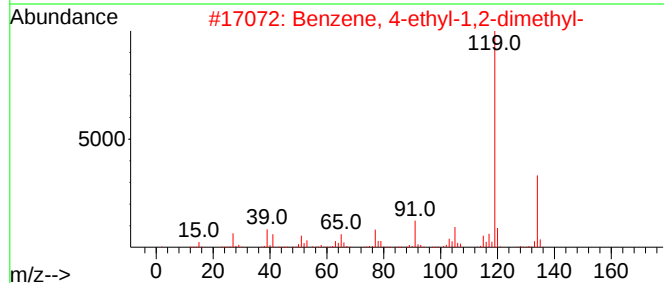
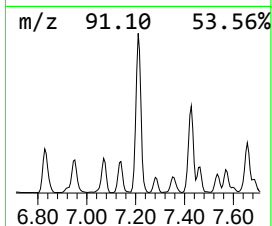
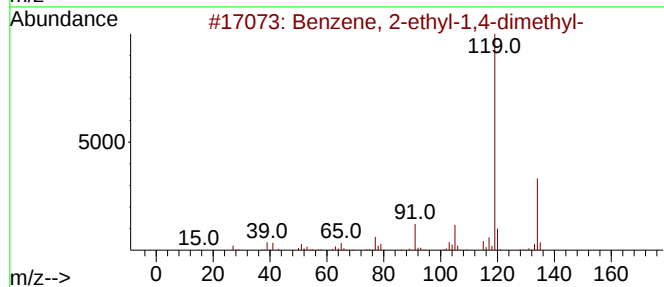
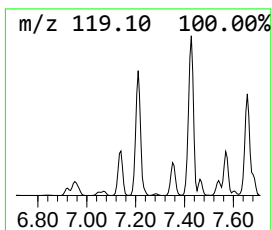
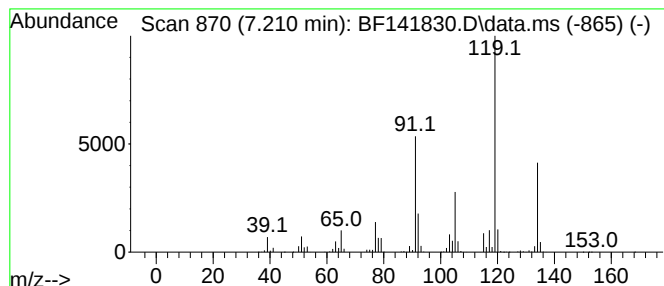
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	78.26 ng	16419600	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3			p-Cymene	134	C10H14	000099-87-6	93
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

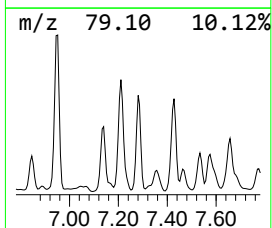
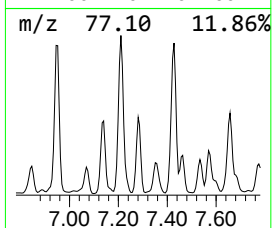
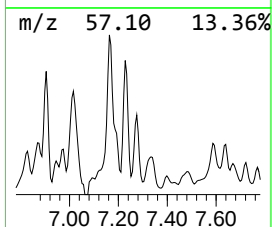
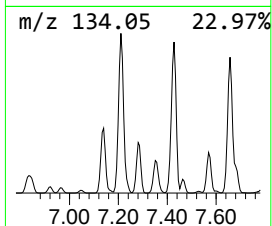
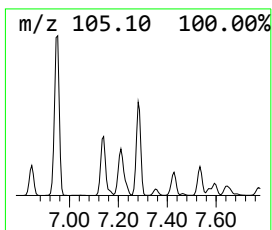
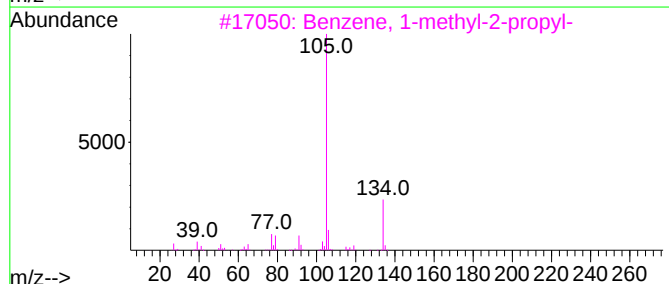
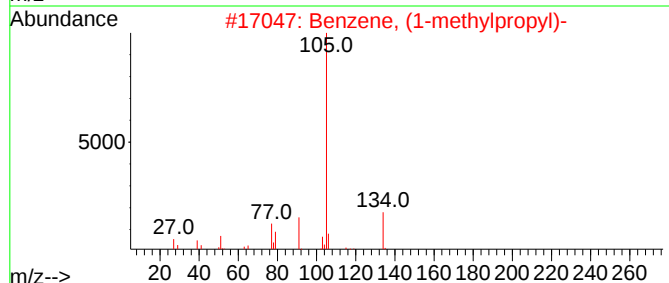
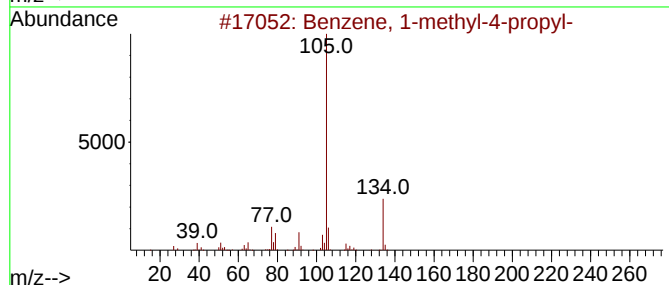
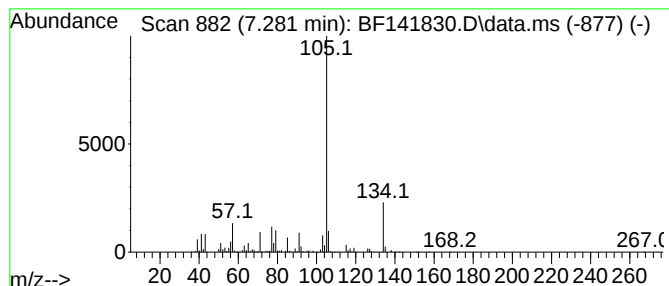
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.281	25.46 ng	5341850	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
5			2-Tolylloxirane	134	C9H10O	002783-26-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

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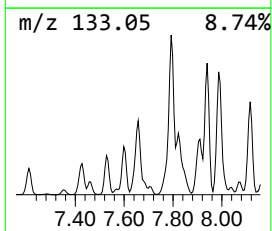
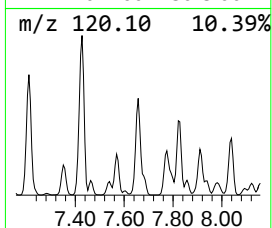
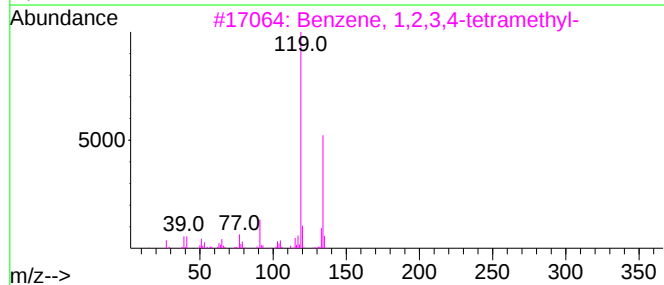
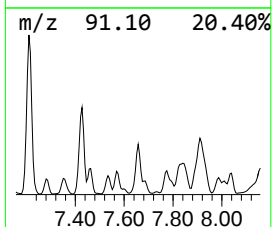
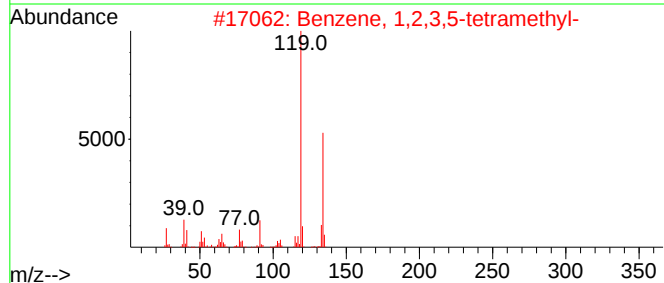
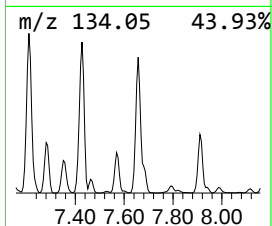
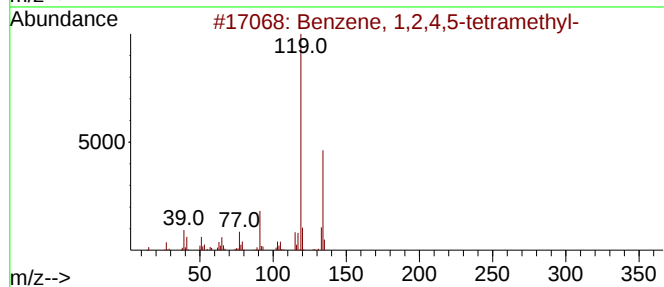
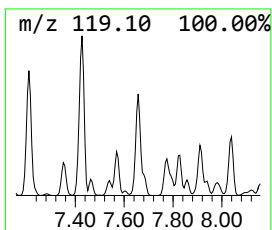
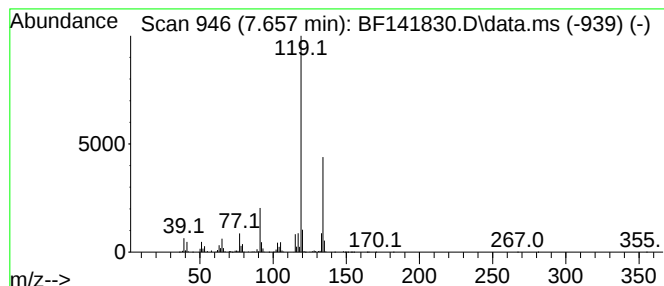
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.657	20.18 ng	9667940	Naphthalene-d8	8.169

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

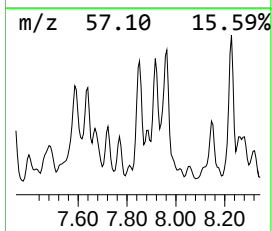
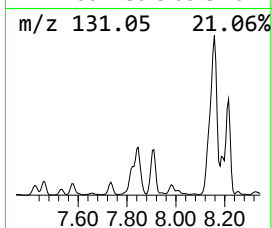
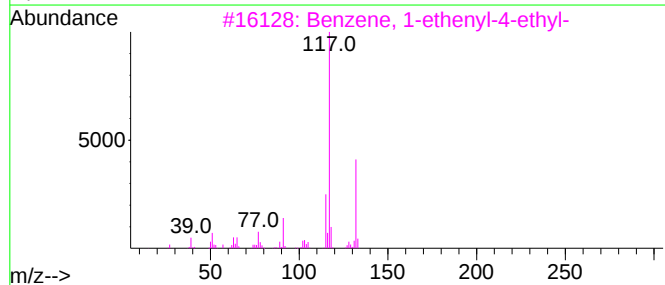
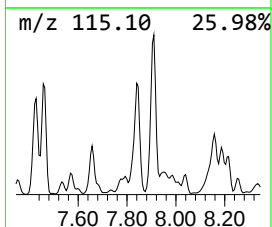
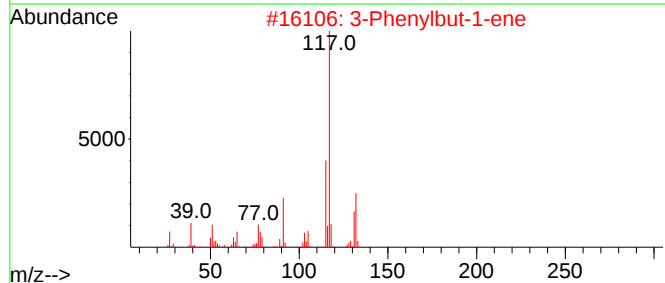
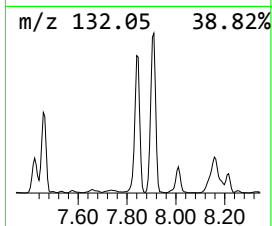
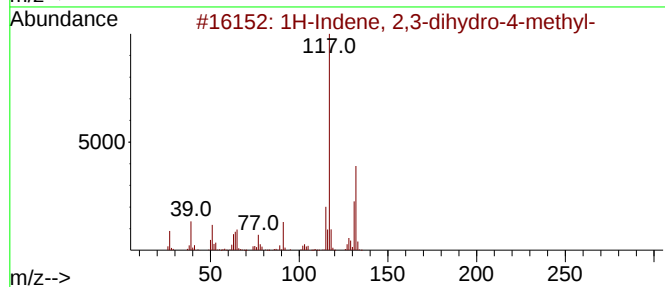
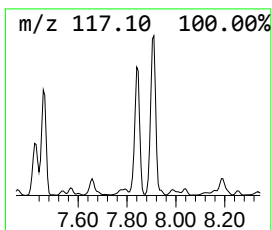
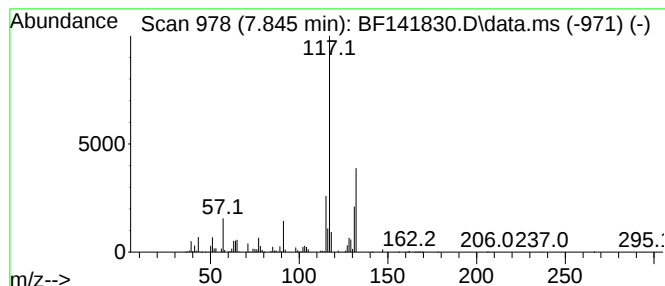
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.845	23.01 ng	11022700	Naphthalene-d8	8.169	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
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Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

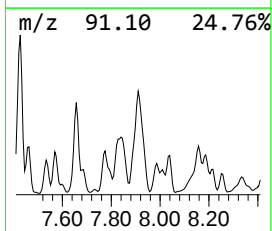
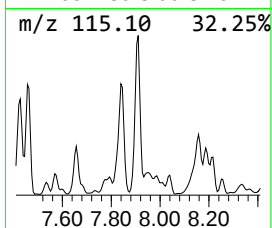
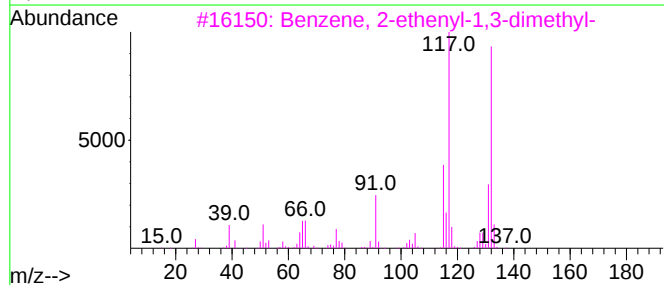
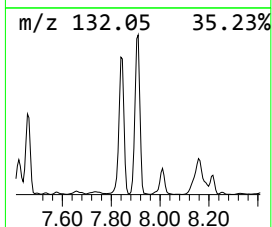
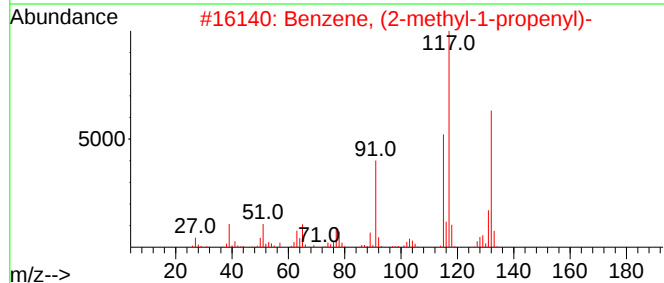
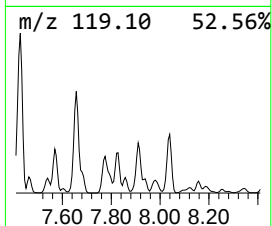
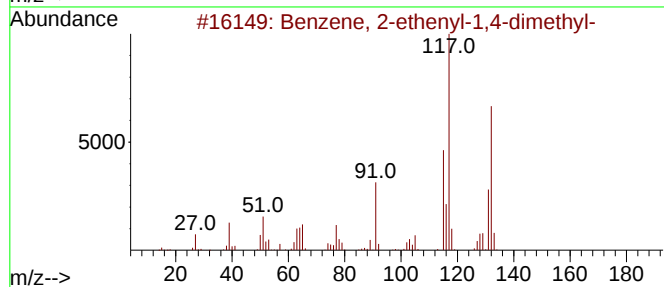
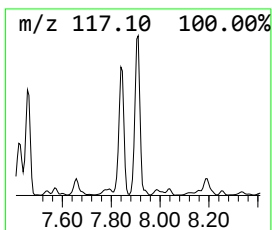
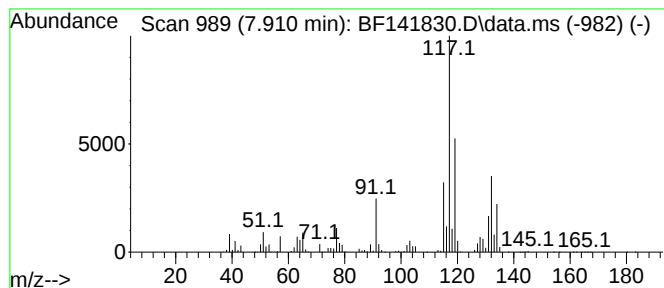
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.910	33.33 ng	15964200	Naphthalene-d8	8.169

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

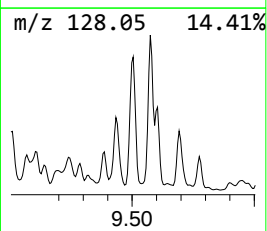
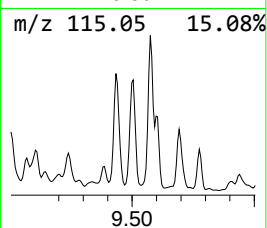
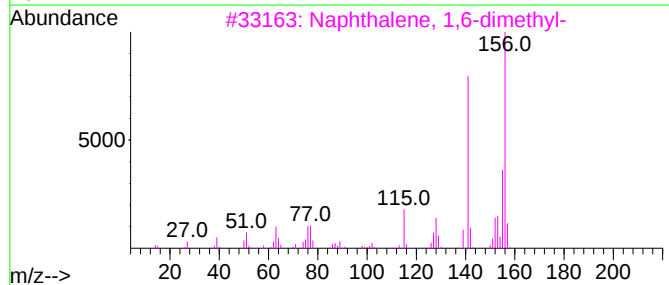
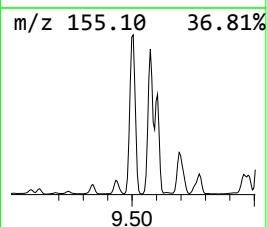
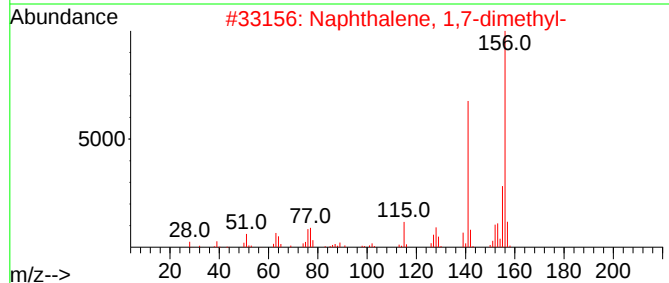
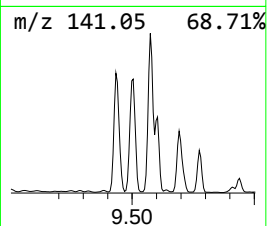
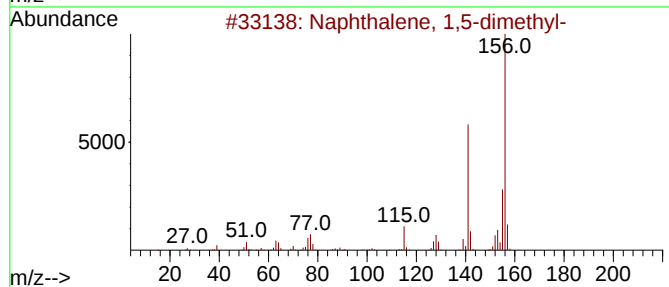
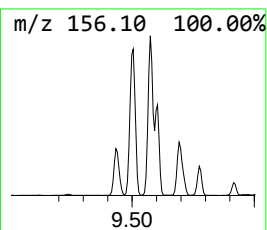
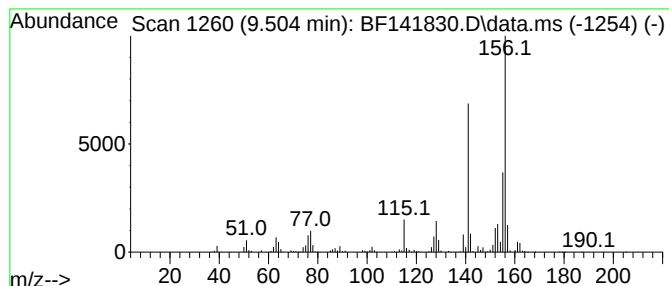
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	14.09 ng	1593340	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

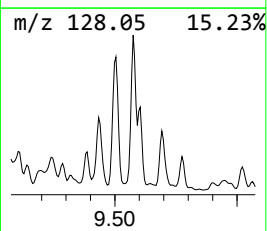
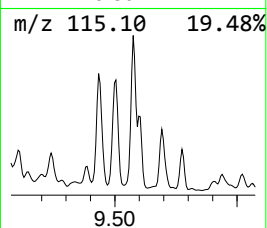
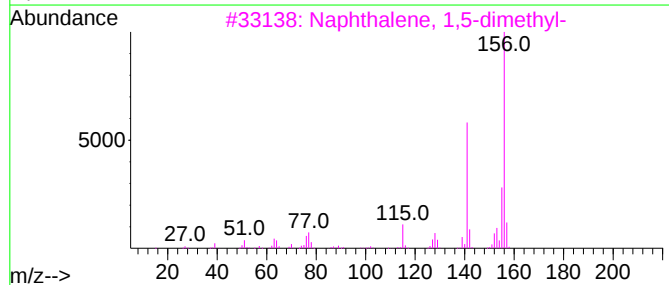
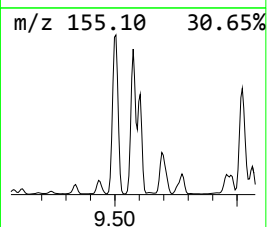
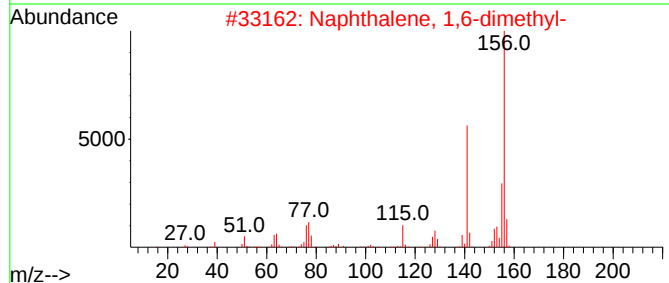
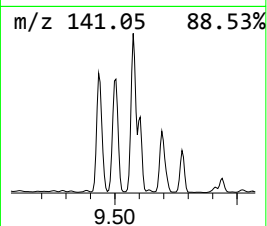
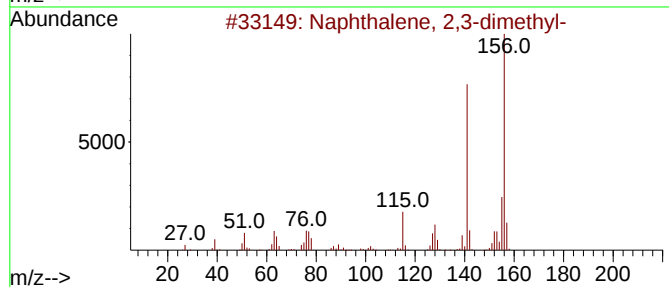
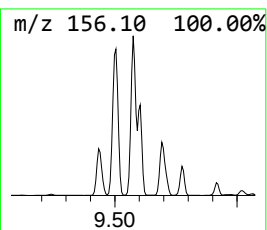
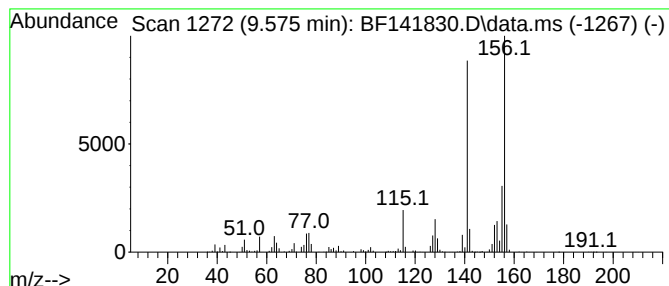
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	15.33 ng	1733820	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

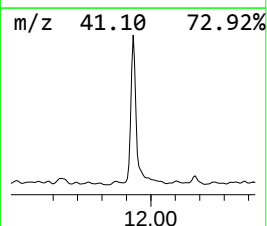
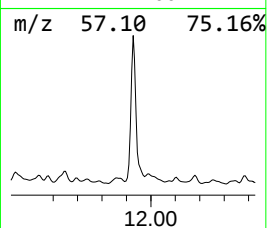
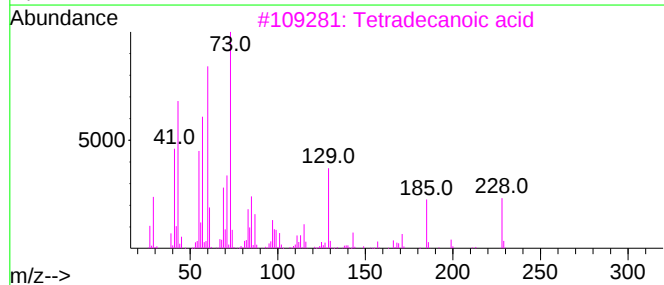
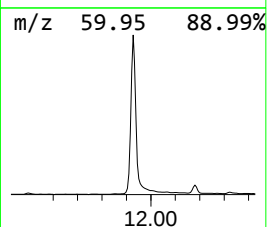
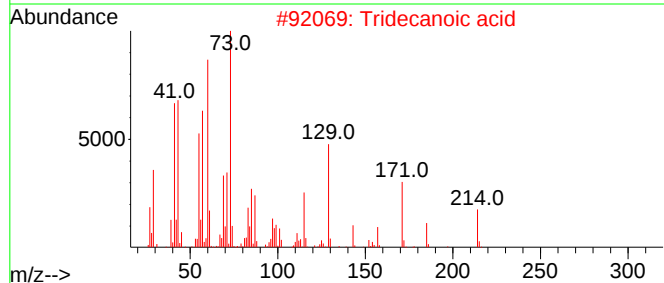
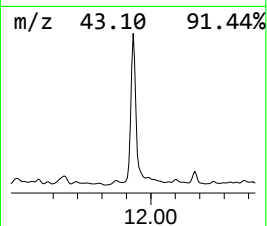
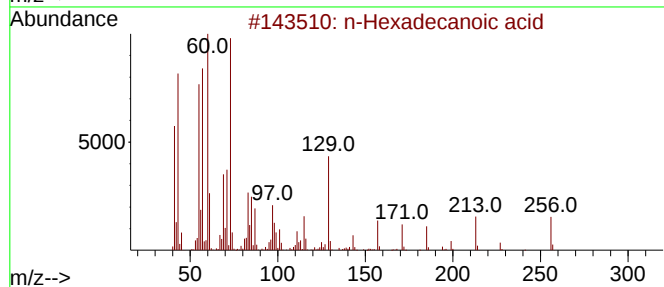
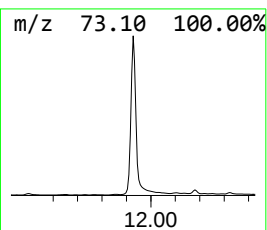
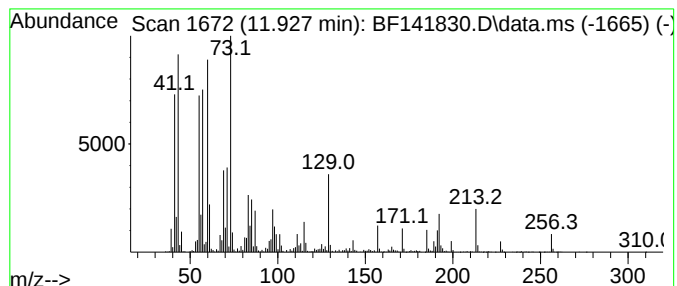
Instrument :
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ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.927	18.34 ng	1838670	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
5	8-Methylnonanoic acid		172	C10H20O2	005963-14-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

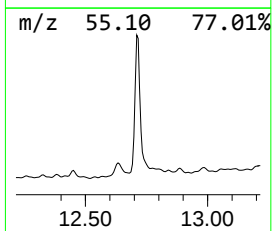
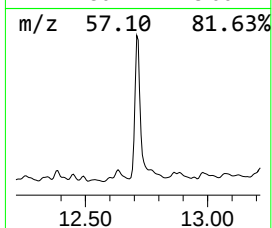
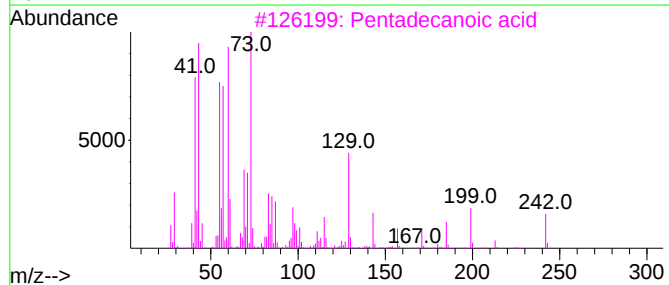
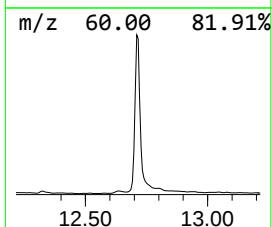
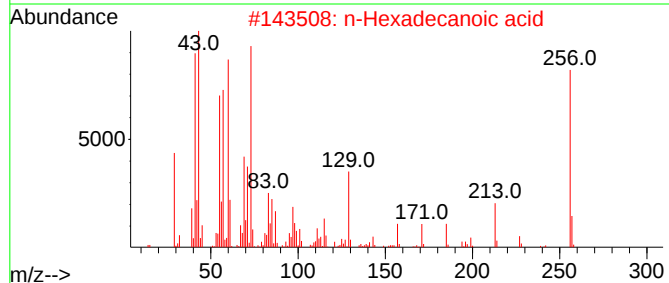
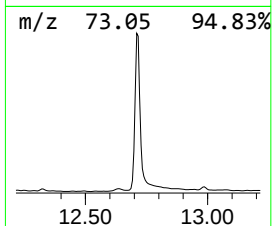
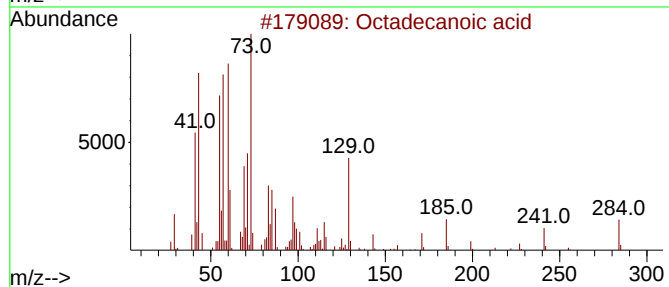
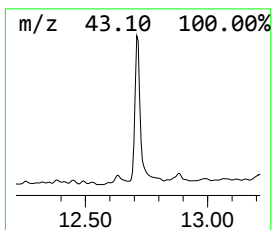
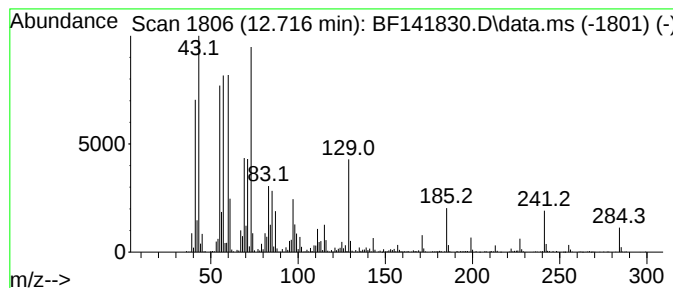
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	13.55 ng	1358270	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141830.D
Acq On : 04 Mar 2025 16:47
Operator : RC/JU
Sample : Q1480-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.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
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Benzene, (1-met...	6.063	16.8	ng	3519970	1	6.886	4196100	20.0
Benzene, propyl-	6.357	44.6	ng	9349760	1	6.886	4196100	20.0
Octane, 3-methyl-	6.387	21.4	ng	4491020	1	6.886	4196100	20.0
Nonane, 2-methyl-	6.428	18.6	ng	3908130	1	6.886	4196100	20.0
Benzene, n-butyl-	6.834	16.2	ng	3389440	1	6.886	4196100	20.0
Benzene, 1,2,4-...	6.951	48.0	ng	10079800	1	6.886	4196100	20.0
unknown7.016	7.016	17.4	ng	3642130	1	6.886	4196100	20.0
Indane	7.069	28.4	ng	5969600	1	6.886	4196100	20.0
Benzene, 1,3-di...	7.139	28.2	ng	5908750	1	6.886	4196100	20.0
Octane, 2,5,6-t...	7.163	13.8	ng	2903120	1	6.886	4196100	20.0
Benzene, 2-ethy...	7.210	78.3	ng	16419600	1	6.886	4196100	20.0
Benzene, 1-meth...	7.281	25.5	ng	5341850	1	6.886	4196100	20.0
Benzene, 1,2,4,...	7.657	20.2	ng	9667940	2	8.169	9580300	20.0
1H-Indene, 2,3-...	7.845	23.0	ng	11022700	2	8.169	9580300	20.0
Benzene, 2-ethe...	7.910	33.3	ng	15964200	2	8.169	9580300	20.0
Naphthalene, 1,...	9.504	14.1	ng	1593340	3	9.916	2261340	20.0
Naphthalene, 2,...	9.575	15.3	ng	1733820	3	9.916	2261340	20.0
n-Hexadecanoic ...	11.927	18.3	ng	1838670	4	11.404	2004730	20.0
Octadecanoic acid	12.716	13.6	ng	1358270	4	11.404	2004730	20.0