

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108549.D
 Acq On : 28 Aug 2018 9:33
 Operator : JU/SJ
 Sample : J4673-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-PATERSON-PILE

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF080818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.678	393	398	401	rBV	104520	119660	5.37%	0.393%
2	4.772	410	414	418	rBV	121720	130522	5.86%	0.428%
3	5.237	490	493	499	rBV	113632	136337	6.12%	0.447%
4	5.501	534	538	541	rBV	70526	67205	3.02%	0.221%
5	5.625	552	559	570	rBV	2150405	2228431	100.00%	7.312%
6	5.860	595	599	603	rBV	77163	74971	3.36%	0.246%
7	5.907	603	607	610	rVV	194138	168492	7.56%	0.553%
8	6.237	660	663	665	rBV2	40555	43796	1.97%	0.144%
9	6.519	708	711	715	rBV2	127460	145660	6.54%	0.478%
10	6.554	715	717	719	rVV	74032	57833	2.60%	0.190%
11	6.619	722	728	731	rVV	2198425	2103078	94.37%	6.900%
12	6.684	735	739	743	rVB2	43822	60674	2.72%	0.199%
13	6.772	749	754	757	rBV	2182469	2071971	92.98%	6.798%
14	6.819	759	762	766	rBV	427082	339992	15.26%	1.116%
15	6.995	789	792	796	rVV	735109	700711	31.44%	2.299%
16	7.054	799	802	807	rVB2	74772	74191	3.33%	0.243%
17	7.154	815	819	827	rVB	1969230	1672592	75.06%	5.488%
18	7.266	834	838	840	rVB2	63415	64454	2.89%	0.211%
19	7.307	843	845	851	rVB2	104781	118696	5.33%	0.389%
20	7.384	856	858	865	rVB3	31575	45667	2.05%	0.150%
21	7.525	876	882	884	rBV2	75012	84427	3.79%	0.277%
22	7.560	884	888	895	rVV	1538946	1545974	69.37%	5.073%
23	7.636	895	901	904	rVB4	44639	68619	3.08%	0.225%
24	7.678	904	908	914	rBV4	45154	70321	3.16%	0.231%
25	7.919	946	949	951	rVV2	47998	51634	2.32%	0.169%
26	7.942	951	953	956	rVV2	45945	48123	2.16%	0.158%
27	8.013	960	965	967	rVV4	132053	187976	8.44%	0.617%
28	8.036	967	969	970	rVV	86181	66085	2.97%	0.217%
29	8.078	974	976	980	rVB3	47204	56307	2.53%	0.185%
30	8.142	984	987	990	rBV2	49271	47947	2.15%	0.157%
31	8.242	1001	1004	1007	rVV	411404	314294	14.10%	1.031%
32	8.283	1007	1011	1013	rVV	832181	776143	34.83%	2.547%
33	8.319	1016	1017	1021	rVB	193977	149603	6.71%	0.491%
34	8.560	1054	1058	1062	rBV3	106298	146421	6.57%	0.480%

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35	8.601	1062	1065	1069	rVV2	82710	107103	4.81%	0.351%
36	8.636	1069	1071	1073	rVV	113025	85567	3.84%	0.281%
37	8.666	1073	1076	1077	rVV	79230	74151	3.33%	0.243%
38	8.683	1077	1079	1082	rVB	220529	164034	7.36%	0.538%
39	8.725	1082	1086	1090	rBV3	51223	72324	3.25%	0.237%
40	8.760	1090	1092	1098	rVV3	57446	73641	3.30%	0.242%
41	8.854	1102	1108	1114	rBV	406976	394874	17.72%	1.296%
42	8.948	1121	1124	1125	rBV2	62258	58335	2.62%	0.191%
43	8.995	1128	1132	1135	rVB	150289	130119	5.84%	0.427%
44	9.042	1138	1140	1142	rBV	102164	93880	4.21%	0.308%
45	9.072	1142	1145	1147	rVB	188602	138779	6.23%	0.455%
46	9.095	1147	1149	1151	rBV	72900	63896	2.87%	0.210%
47	9.178	1159	1163	1166	rBV5	67317	79453	3.57%	0.261%
48	9.213	1166	1169	1174	rVB	98553	160248	7.19%	0.526%
49	9.260	1174	1177	1179	rBV	98893	115760	5.19%	0.380%
50	9.283	1179	1181	1184	rVB	143915	109121	4.90%	0.358%
51	9.354	1189	1193	1196	rBV	2522073	2074884	93.11%	6.808%
52	9.419	1201	1204	1207	rBV	314847	252843	11.35%	0.830%
53	9.507	1216	1219	1224	rVB	742059	593107	26.62%	1.946%
54	9.560	1224	1228	1231	rVB2	57740	68090	3.06%	0.223%
55	9.619	1235	1238	1242	rVB4	57482	85732	3.85%	0.281%
56	9.660	1242	1245	1247	rBV3	43042	48732	2.19%	0.160%
57	9.695	1248	1251	1253	rBV2	84333	76437	3.43%	0.251%
58	9.742	1253	1259	1265	rVB2	508916	568713	25.52%	1.866%
59	9.801	1265	1269	1270	rBV	40370	48586	2.18%	0.159%
60	9.854	1277	1278	1283	rVB	53403	43699	1.96%	0.143%
61	9.901	1283	1286	1290	rVB2	83804	86215	3.87%	0.283%
62	9.948	1291	1294	1297	rBV	229447	173713	7.80%	0.570%
63	10.042	1307	1310	1317	rVV2	811048	723038	32.45%	2.372%
64	10.236	1340	1343	1346	rVV3	68345	78276	3.51%	0.257%
65	10.277	1346	1350	1354	rVV3	60569	86176	3.87%	0.283%
66	10.354	1360	1363	1366	rBV	61728	63605	2.85%	0.209%
67	10.448	1376	1379	1383	rVB	205115	165470	7.43%	0.543%
68	10.672	1413	1417	1419	rBV	59803	56818	2.55%	0.186%
69	10.836	1441	1445	1451	rBV	1017667	1030103	46.23%	3.380%
70	10.924	1457	1460	1470	rVB2	186490	283228	12.71%	0.929%
71	11.342	1527	1531	1533	rBV	48856	54964	2.47%	0.180%

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72	11.371	1533	1536	1539	rVV	161043	144764	6.50%	0.475%
73	11.401	1539	1541	1544	rVB	66011	58574	2.63%	0.192%
74	11.536	1560	1564	1567	rBV	794515	712775	31.99%	2.339%
75	11.560	1567	1568	1572	rVV	195279	128455	5.76%	0.421%
76	11.695	1587	1591	1593	rBV3	31798	51584	2.31%	0.169%
77	11.801	1606	1609	1612	rVB	187172	161536	7.25%	0.530%
78	12.042	1647	1650	1652	rBV2	152726	160443	7.20%	0.526%
79	12.066	1652	1654	1658	rVB3	130425	126980	5.70%	0.417%
80	12.148	1665	1668	1671	rBV2	111334	105415	4.73%	0.346%
81	12.177	1671	1673	1676	rVB2	71646	60900	2.73%	0.200%
82	12.213	1676	1679	1682	rBV	165937	170694	7.66%	0.560%
83	12.336	1697	1700	1702	rBV2	81751	79996	3.59%	0.262%
84	12.366	1702	1705	1710	rVB3	62128	78282	3.51%	0.257%
85	12.489	1723	1726	1729	rBV2	75732	91334	4.10%	0.300%
86	12.601	1740	1745	1747	rBV2	217132	289111	12.97%	0.949%
87	12.624	1747	1749	1751	rVV	60918	53714	2.41%	0.176%
88	12.648	1751	1753	1755	rVB2	68478	51084	2.29%	0.168%
89	12.677	1756	1758	1761	rBV2	72182	84844	3.81%	0.278%
90	12.754	1768	1771	1775	rVB	350337	354954	15.93%	1.165%
91	12.789	1775	1777	1780	rBV2	51564	54331	2.44%	0.178%
92	12.971	1806	1808	1809	rBV2	200227	152701	6.85%	0.501%
93	12.989	1809	1811	1816	rVB	338672	303309	13.61%	0.995%
94	13.124	1825	1834	1837	rBV	2100920	2103191	94.38%	6.901%
95	13.330	1867	1869	1872	rVB	210414	161889	7.26%	0.531%
96	13.454	1888	1890	1894	rBV2	116007	128079	5.75%	0.420%
97	13.671	1925	1927	1934	rBV2	182471	268898	12.07%	0.882%
98	14.113	1999	2002	2005	rBV2	174612	251633	11.29%	0.826%
99	14.195	2012	2016	2019	rBV2	884147	980988	44.02%	3.219%
100	15.754	2278	2281	2285	rVB	385782	484417	21.74%	1.589%

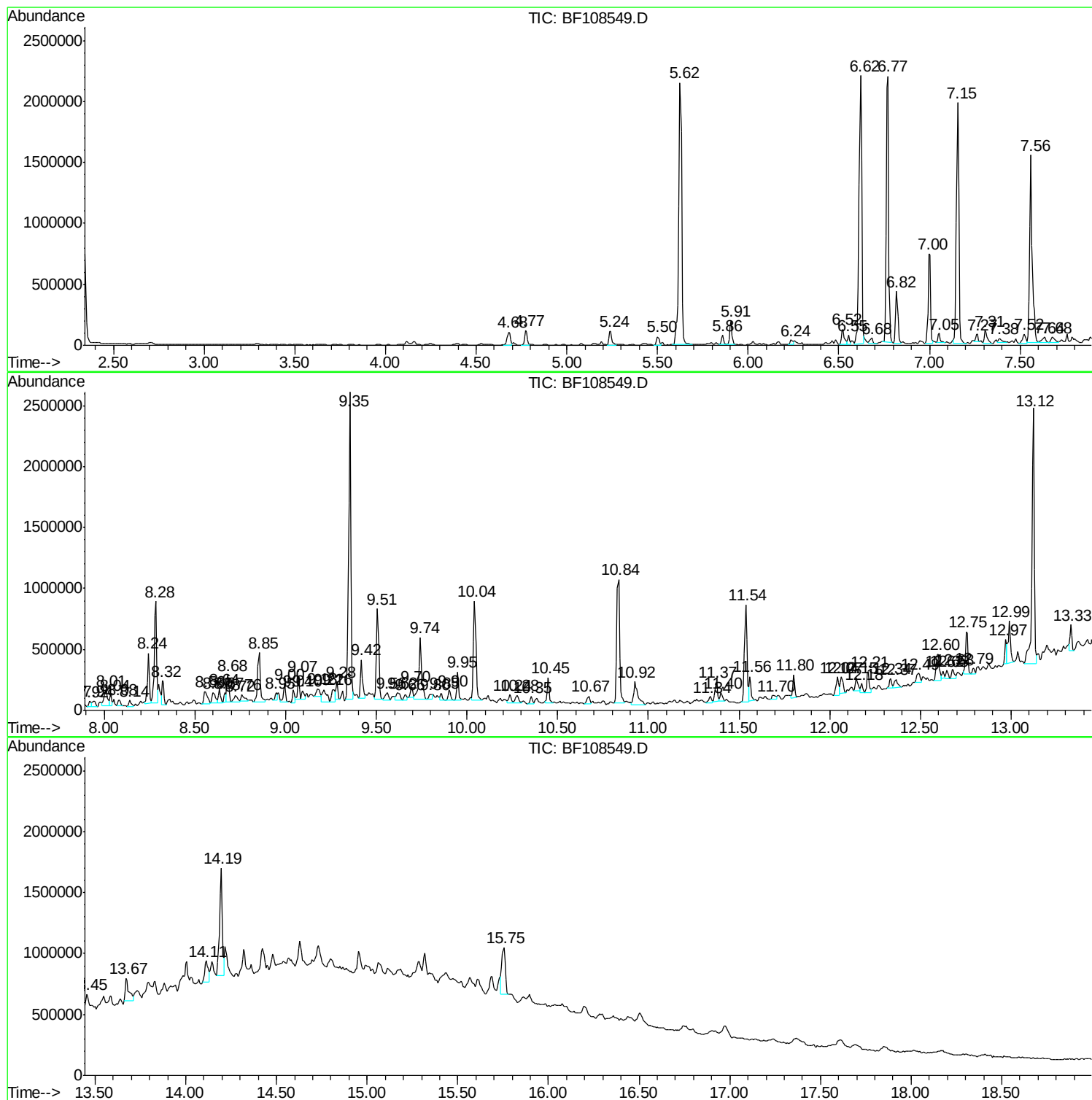
Sum of corrected areas: 30477396

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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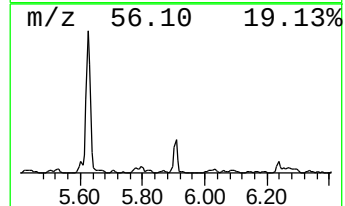
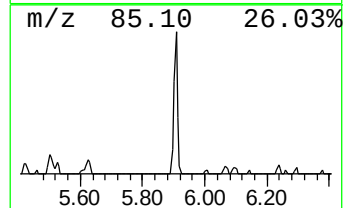
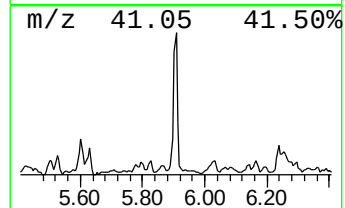
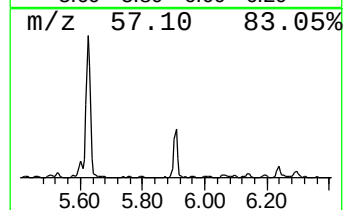
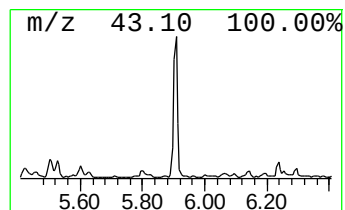
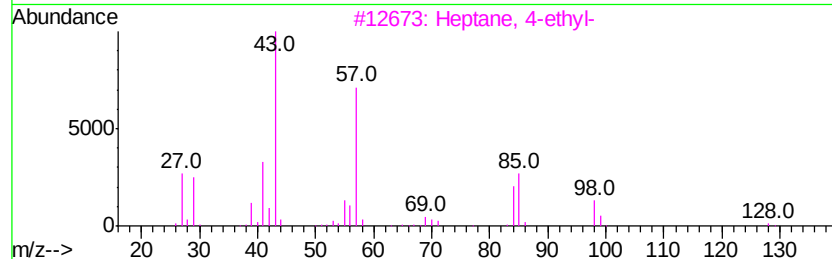
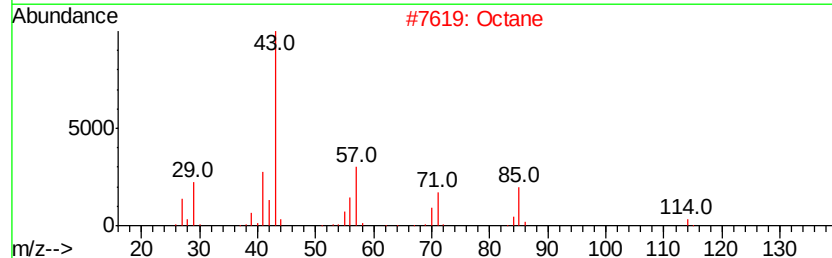
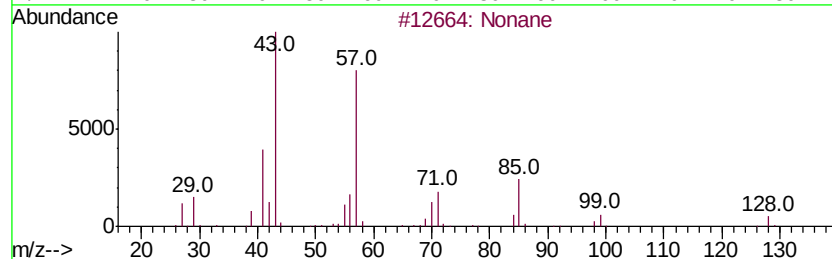
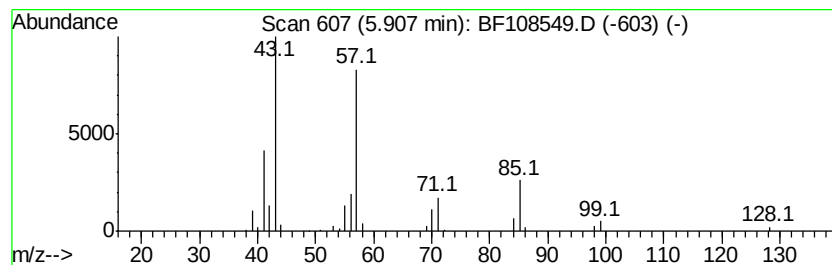
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Nonane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	4.81 ng	168492	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	91
2		Octane	114	C8H18	000111-65-9	64
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53



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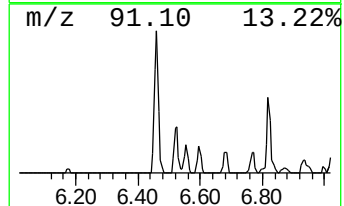
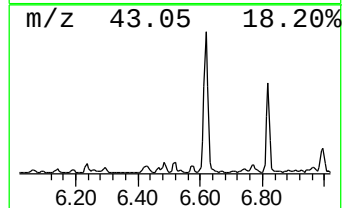
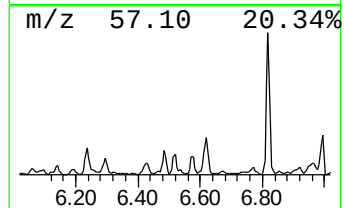
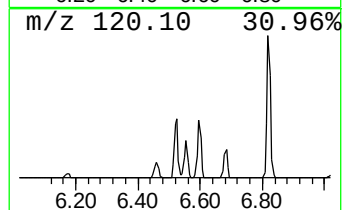
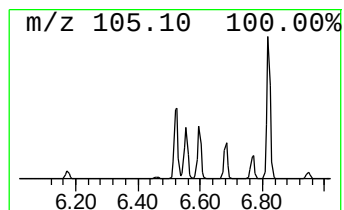
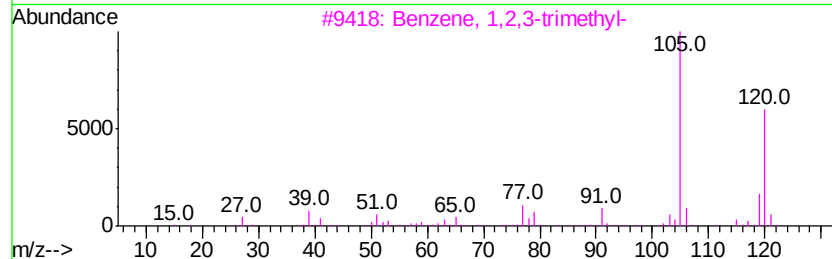
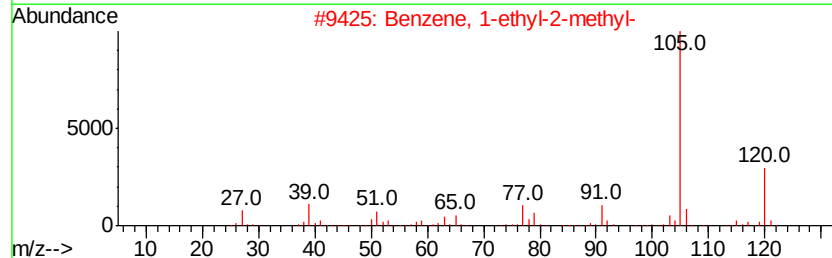
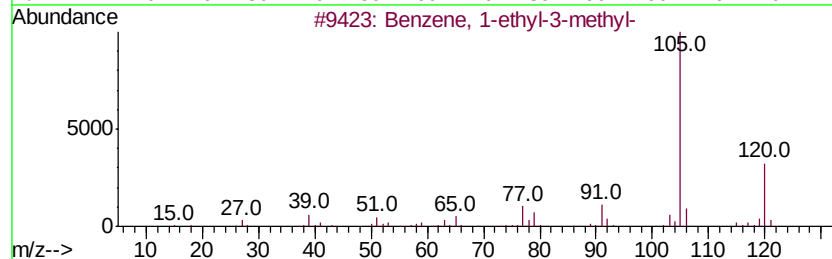
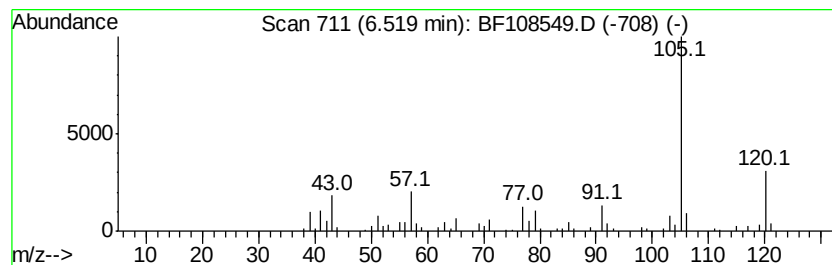
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	4.16 ng	145660	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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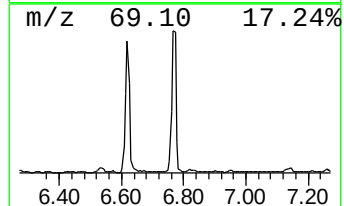
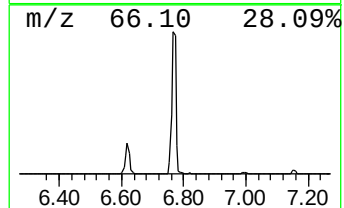
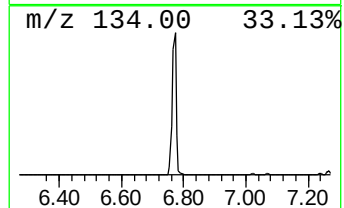
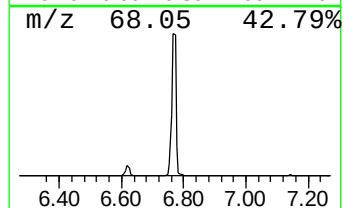
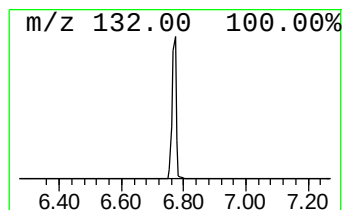
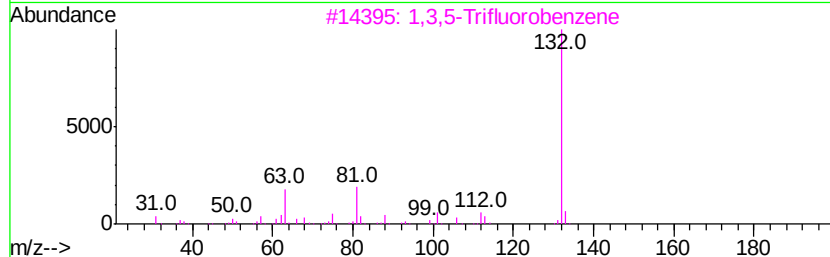
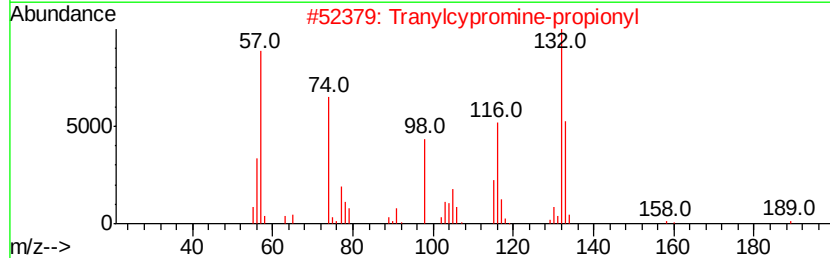
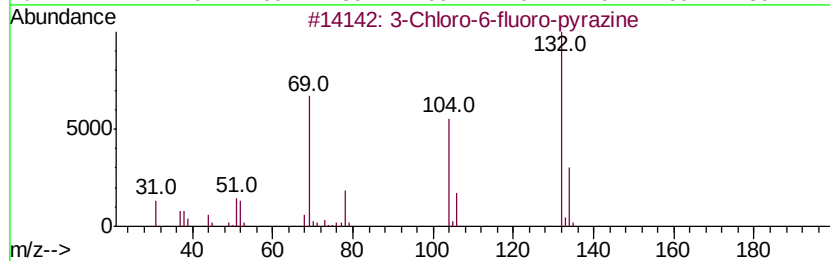
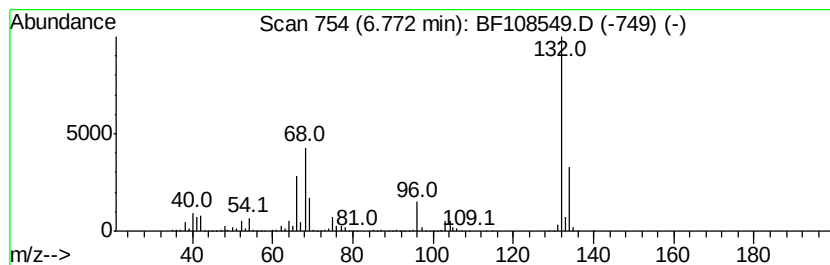
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Peak Number 3 unknown6.77 Concentration Rank 1

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6.77	59.14 ng	2071970	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
Acq On : 28 Aug 2018 9:33
Operator : JU/SJ
Sample : J4673-01
Misc :
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Instrument :
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ClientSampleId :
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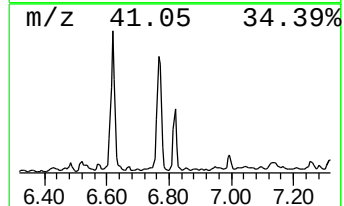
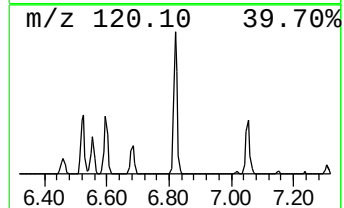
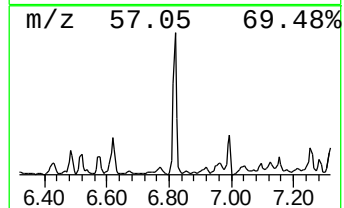
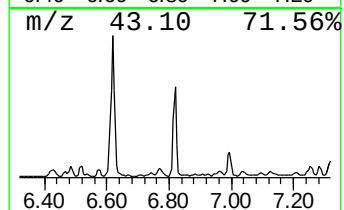
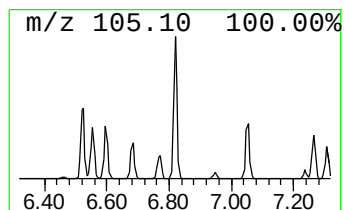
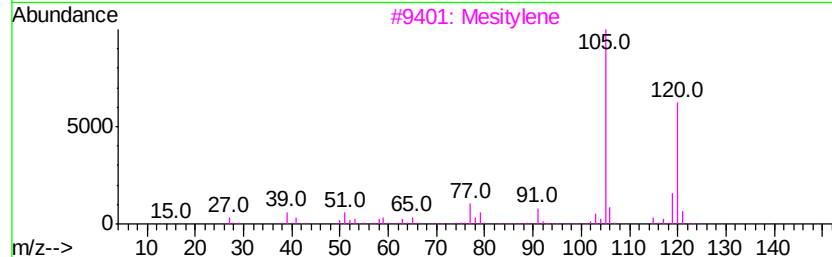
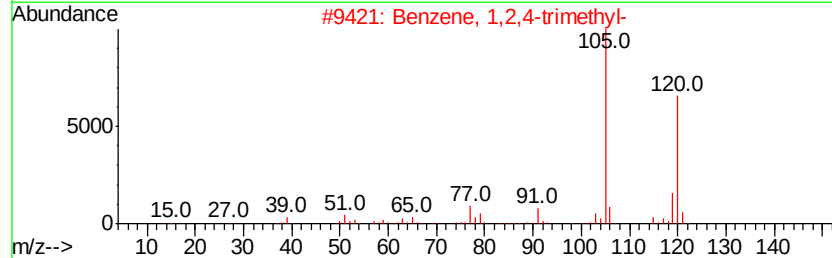
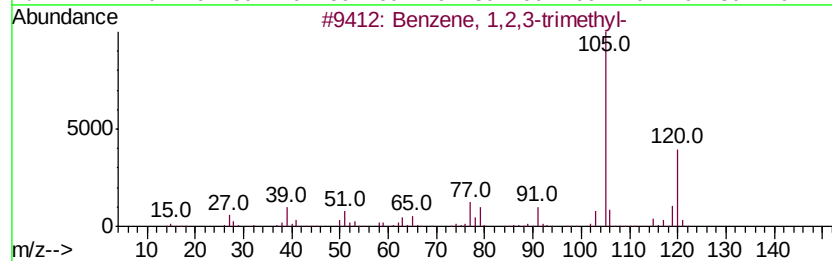
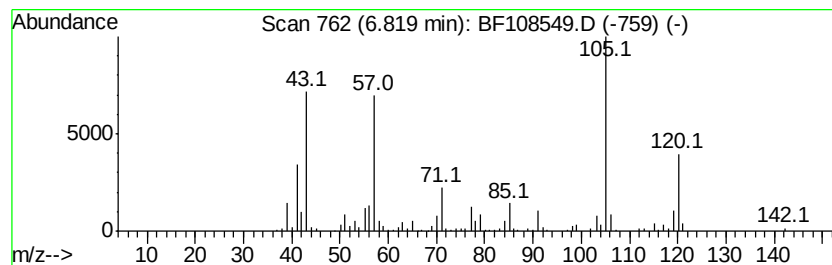
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	9.70 ng	339992	1,4-Dichlorobenzene-d4	7.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	92
3		Mesitylene	120	C9H12	000108-67-8	86
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
Acq On : 28 Aug 2018 9:33
Operator : JU/SJ
Sample : J4673-01
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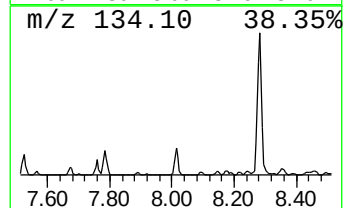
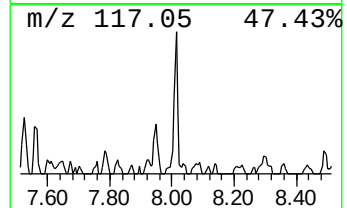
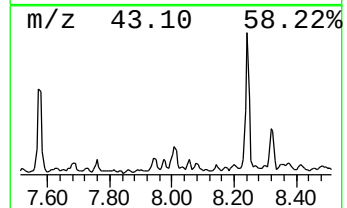
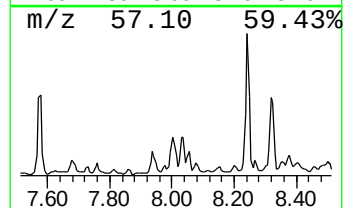
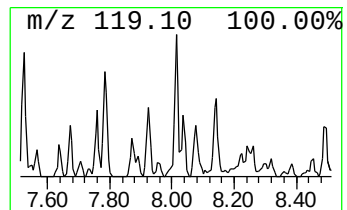
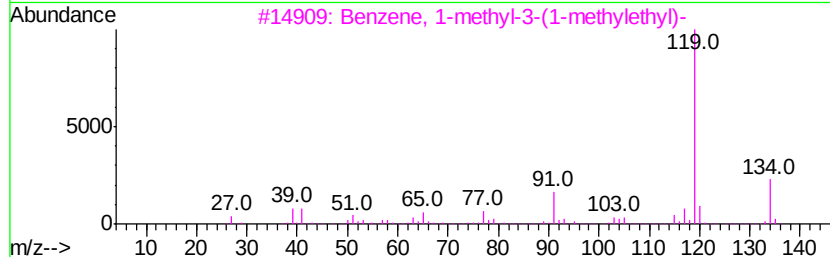
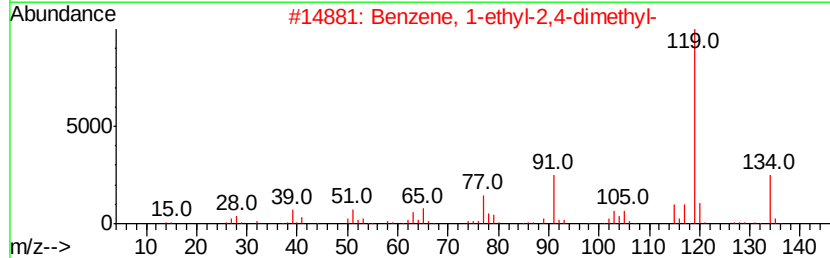
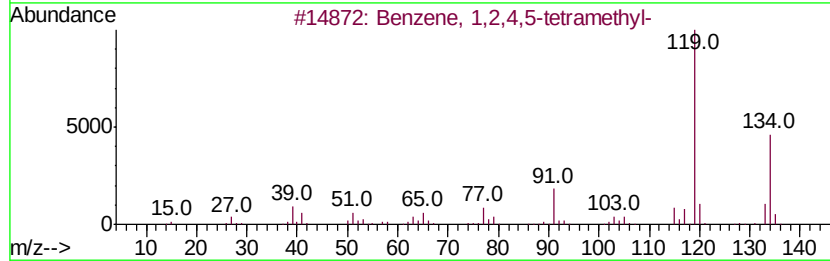
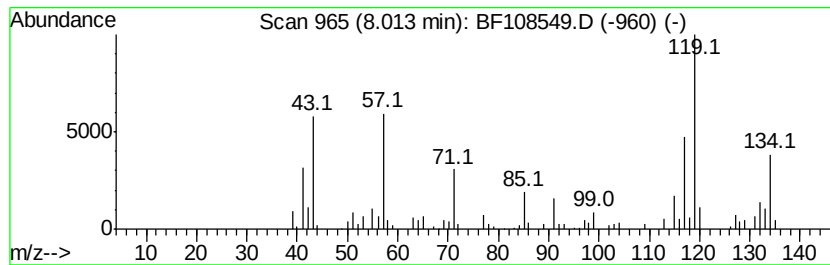
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	4.84 ng	187976	Napthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	53
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	53
4		o-Cymene	134	C10H14	000527-84-4	49
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
Acq On : 28 Aug 2018 9:33
Operator : JU/SJ
Sample : J4673-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

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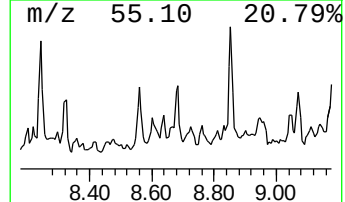
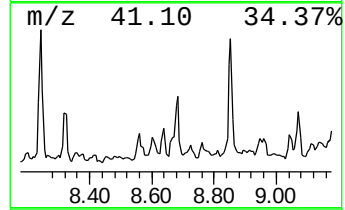
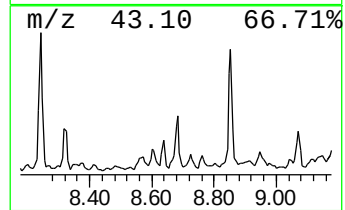
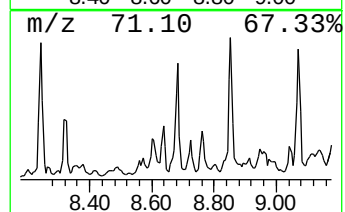
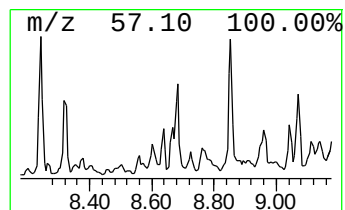
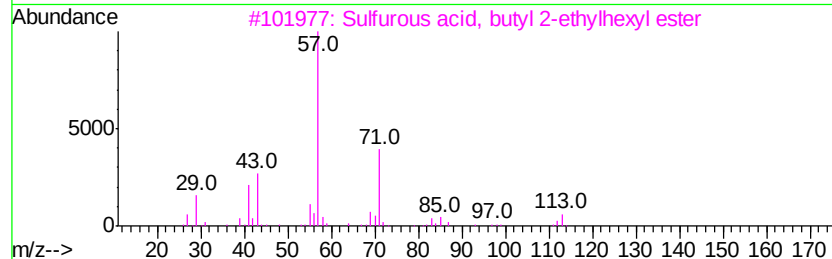
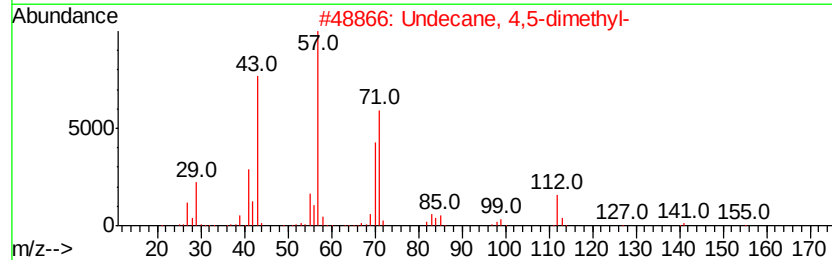
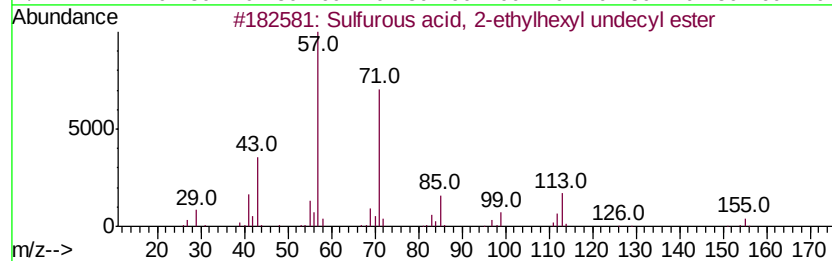
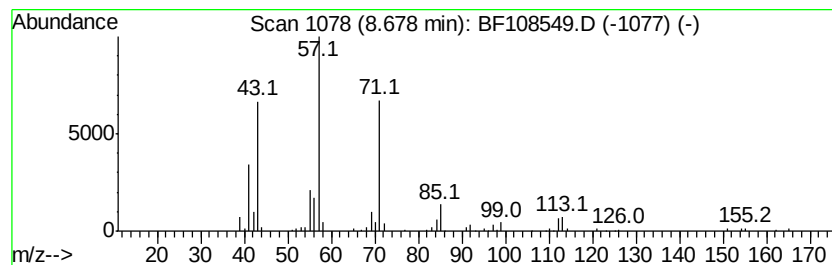
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	4.23 ng	164034	Napthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	78
2		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	72
3		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
4		2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	64
5		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
Acq On : 28 Aug 2018 9:33
Operator : JU/SJ
Sample : J4673-01
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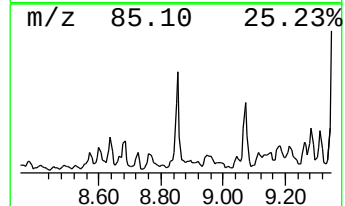
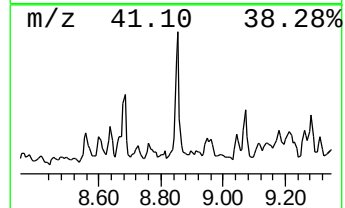
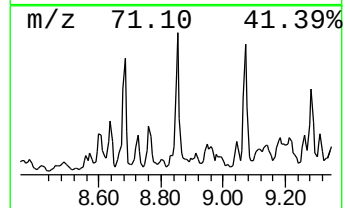
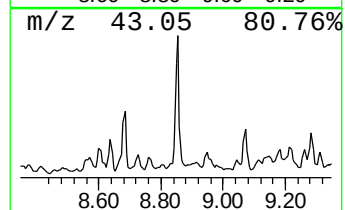
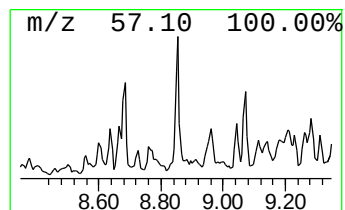
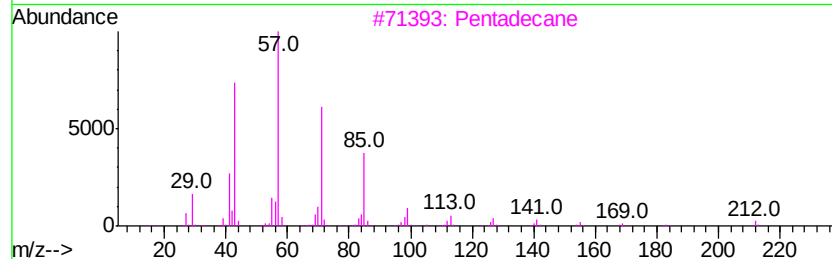
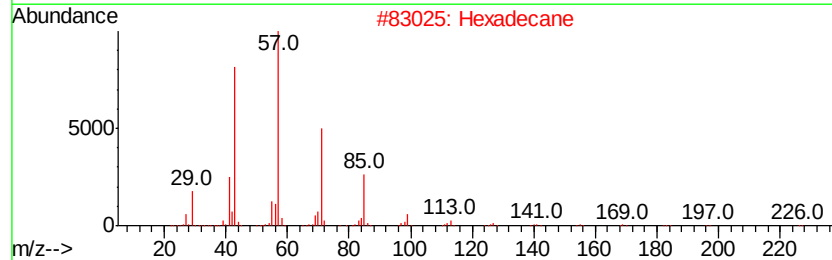
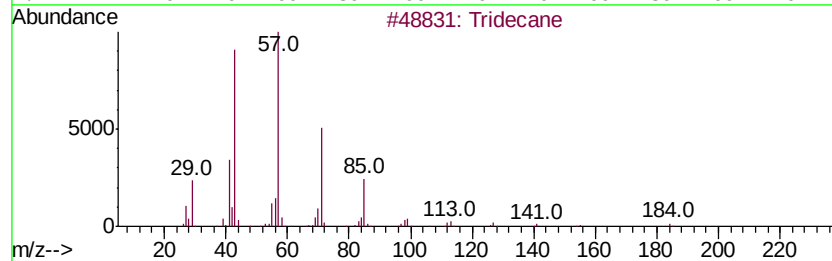
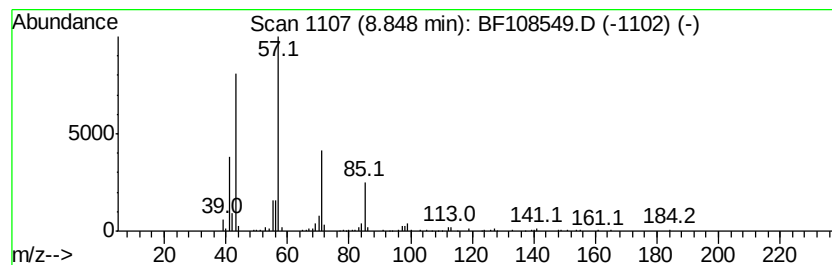
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	10.18 ng	394874	Naphthalene-d8	8.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Hexadecane		226	C16H34	000544-76-3	83
3	Pentadecane		212	C15H32	000629-62-9	83
4	Tetradecane		198	C14H30	000629-59-4	83
5	Dodecane		170	C12H26	000112-40-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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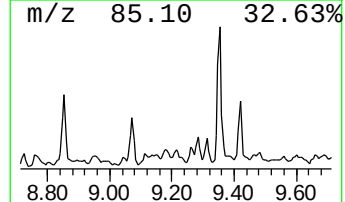
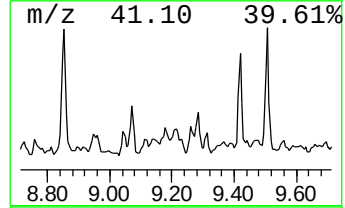
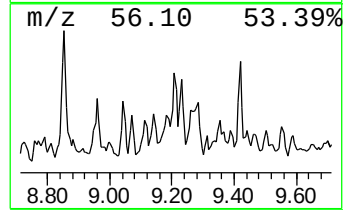
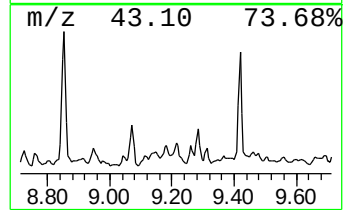
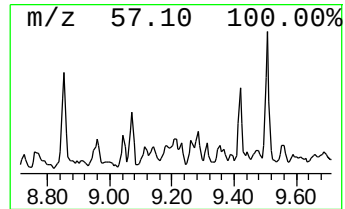
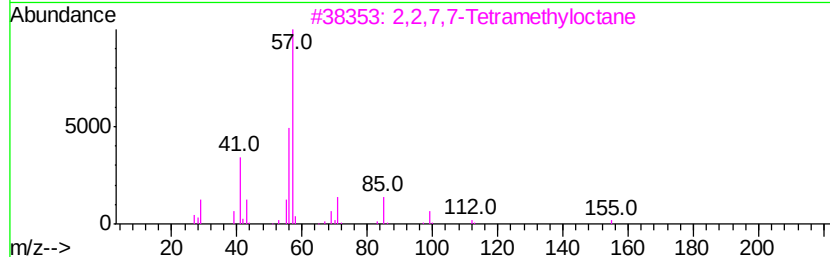
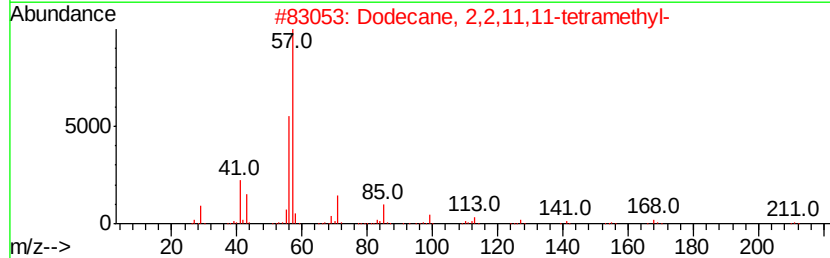
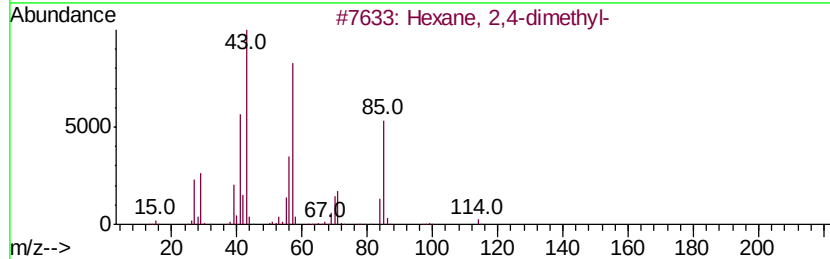
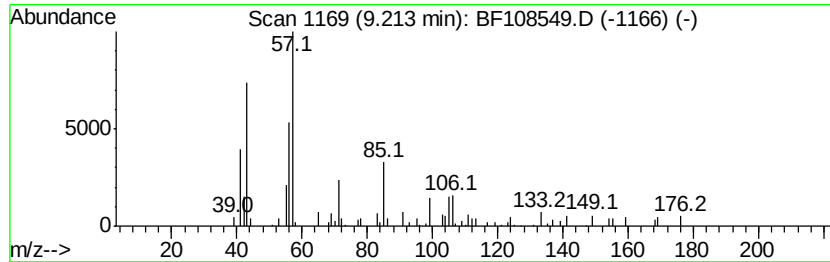
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexane, 2,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	4.43 ng	160248	Acenaphthene-d10	10.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2,4-dimethyl-	114 C8H18	000589-43-5	53
2	Dodecane, 2,2,11,11-tetramethyl-	226 C16H34	127204-12-0	50
3	2,2,7,7-Tetramethyloctane	170 C12H26	001071-31-4	50
4	Pentane, 2,4-dimethyl-	100 C7H16	000108-08-7	43
5	Heptane, 2,2-dimethyl-	128 C9H20	001071-26-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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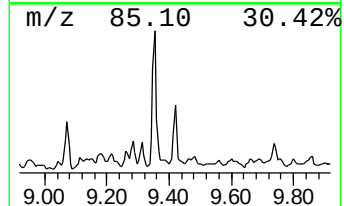
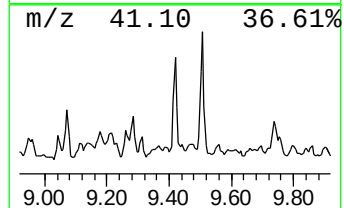
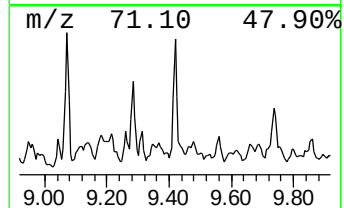
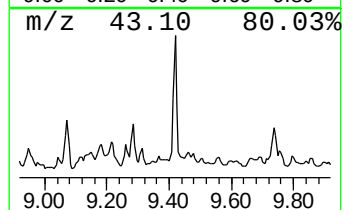
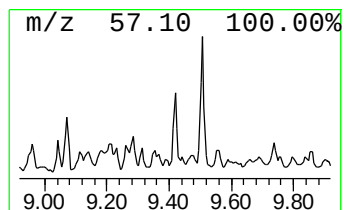
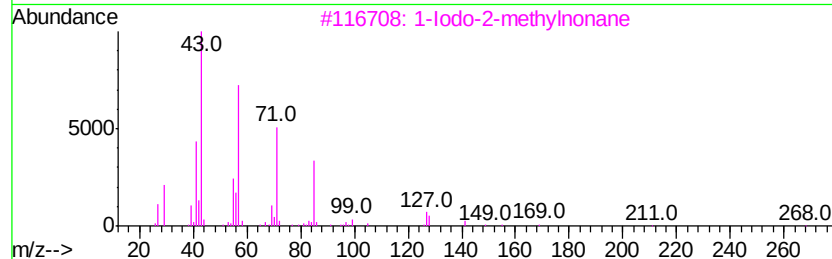
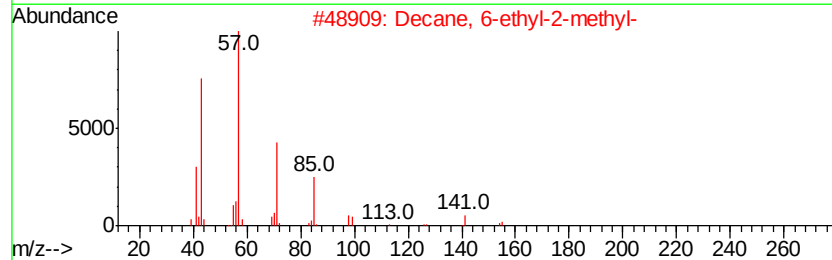
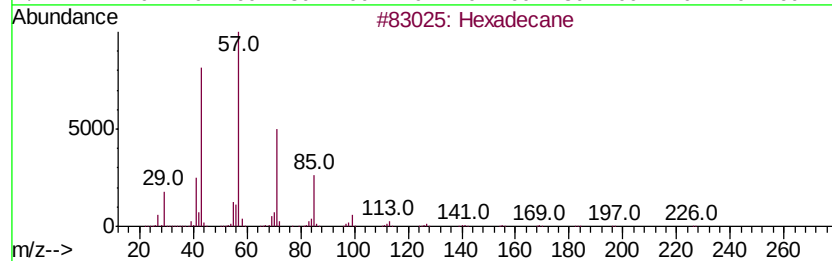
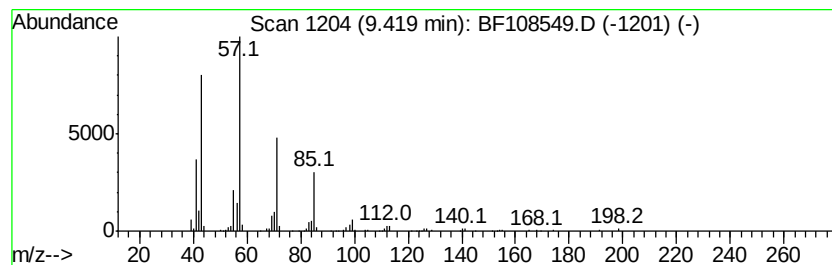
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Decane, 6-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.42	6.99 ng	252843	Acenaphthene-d10		10.04
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
4	Tridecane	184	C13H28	000629-50-5	78
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
Acq On : 28 Aug 2018 9:33
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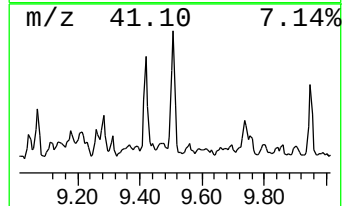
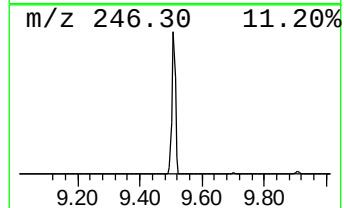
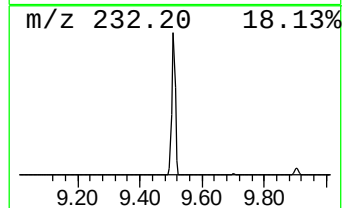
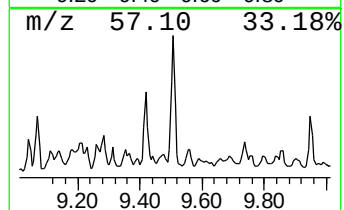
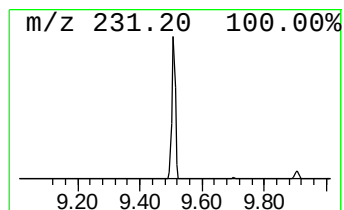
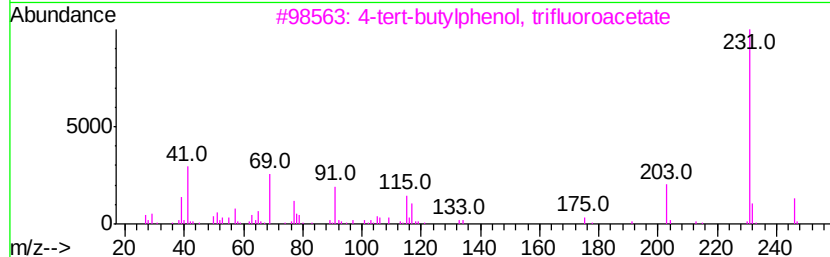
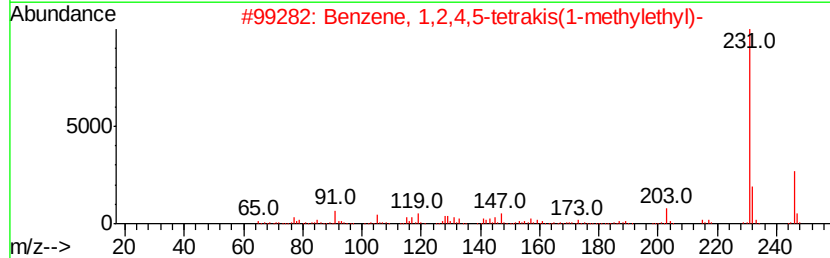
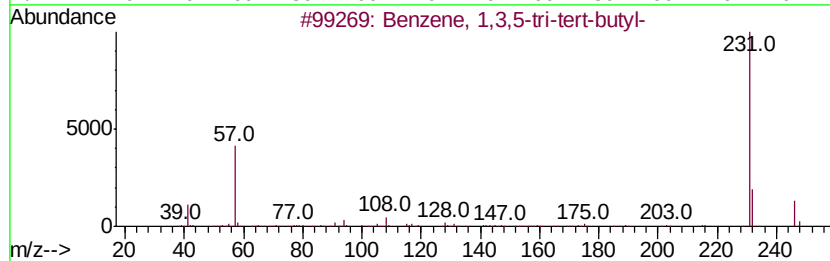
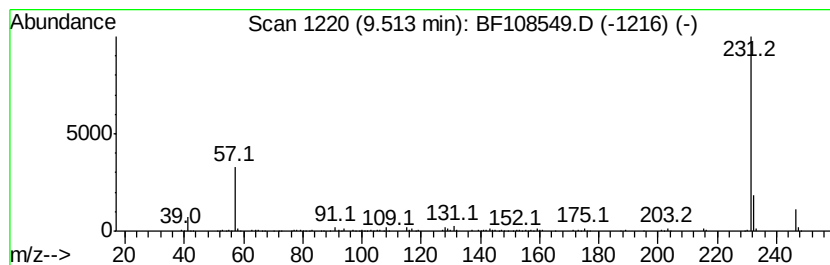
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1,3,5-tri-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	16.41 ng	593107	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-tri-tert-butyl-	246	C18H30	001460-02-2	90
2		Benzene, 1,2,4,5-tetrakis(1-meth...	246	C18H30	000635-11-0	64
3		4-tert-butylphenol, trifluoroace...	246	C12H13F3O2	1000376-51-5	64
4		Silane, diethylethoxvoctyloxy-	260	C14H32O2Si	1000363-07-2	36
5		Cannabichromene	314	C21H30O2	020675-51-8	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
Acq On : 28 Aug 2018 9:33
Operator : JU/SJ
Sample : J4673-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

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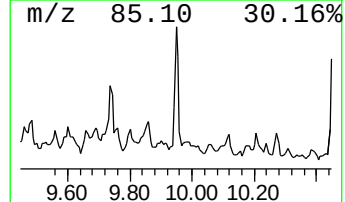
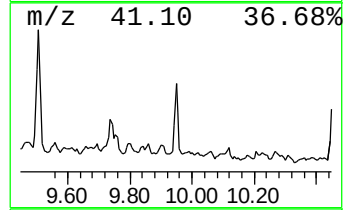
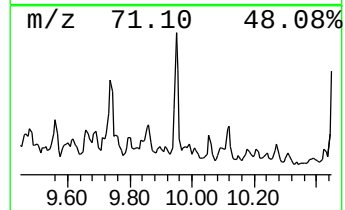
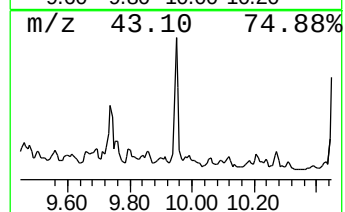
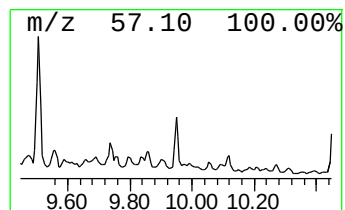
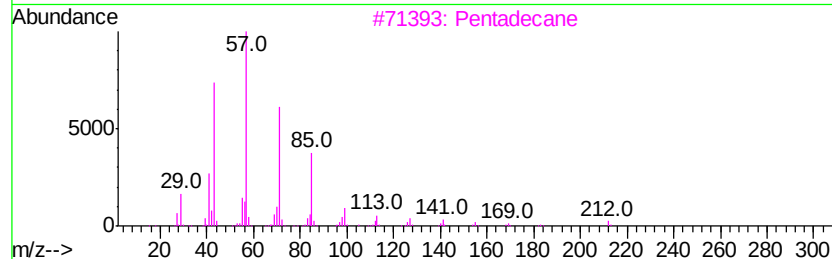
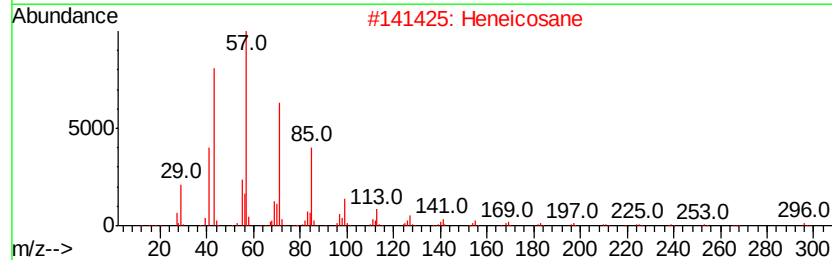
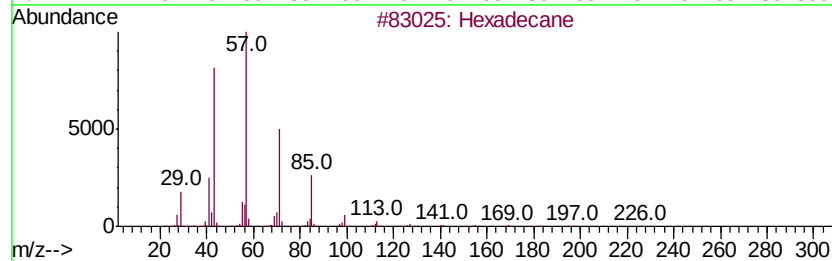
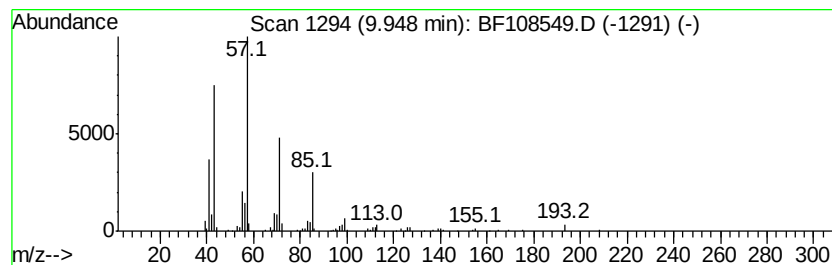
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	4.81 ng	173713	Acenaphthene-d10	10.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Heneicosane	296	C21H44	000629-94-7	86
3			Pentadecane	212	C15H32	000629-62-9	86
4			Octacosane	394	C28H58	000630-02-4	83
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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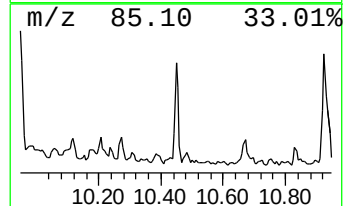
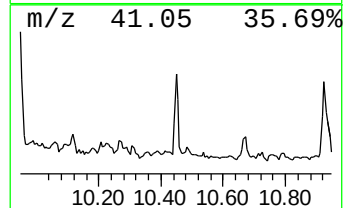
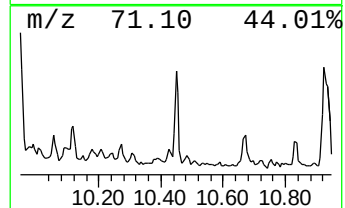
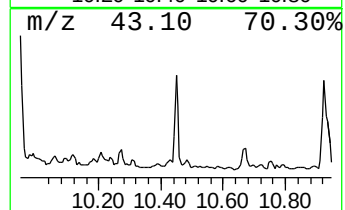
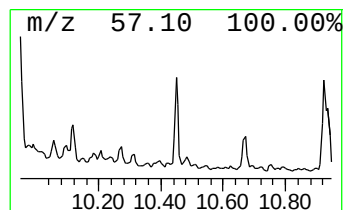
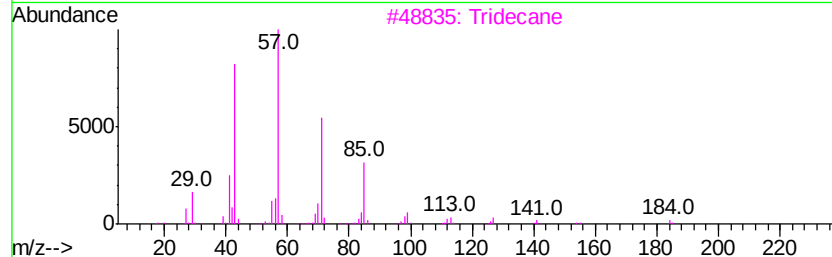
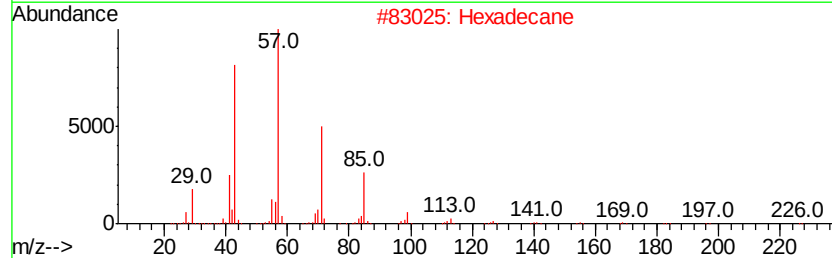
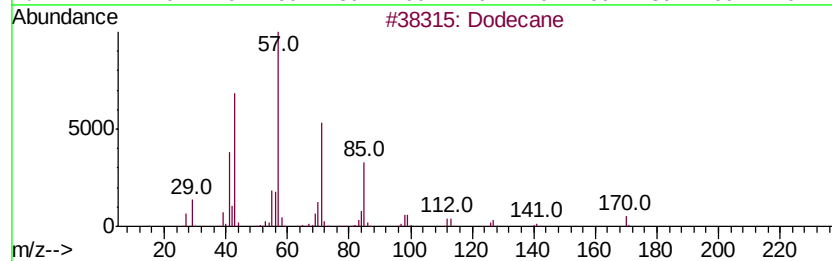
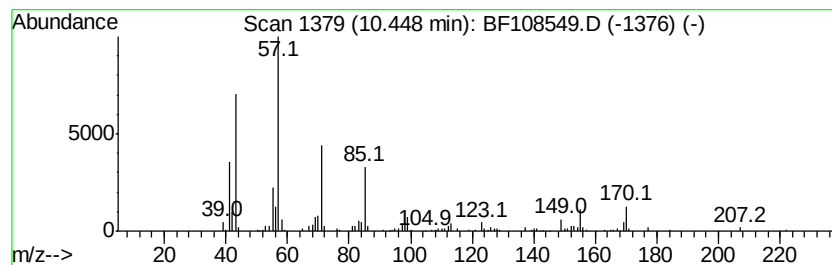
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	4.58 ng	165470	Acenaphthene-d10	10.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	76
2	Hexadecane	226 C16H34	000544-76-3	62
3	Tridecane	184 C13H28	000629-50-5	58
4	Pentadecane	212 C15H32	000629-62-9	58
5	Tetradecane	198 C14H30	000629-59-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
Acq On : 28 Aug 2018 9:33
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Sample : J4673-01
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ALS Vial : 51 Sample Multiplier: 1

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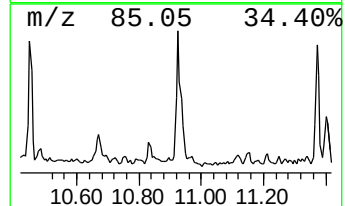
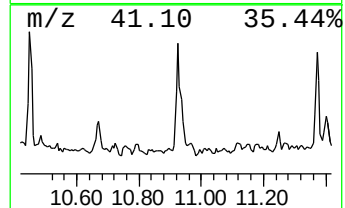
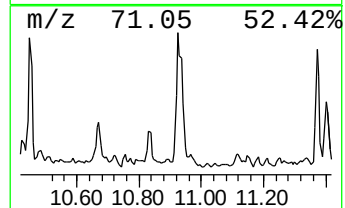
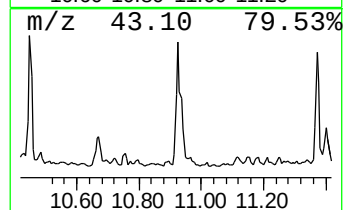
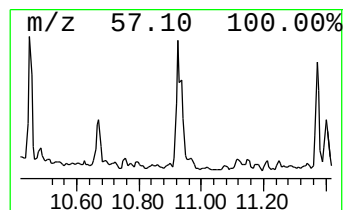
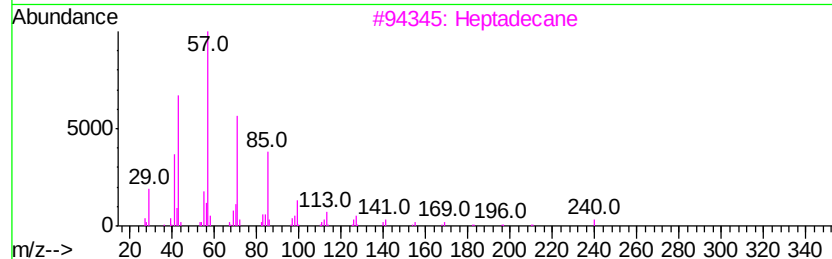
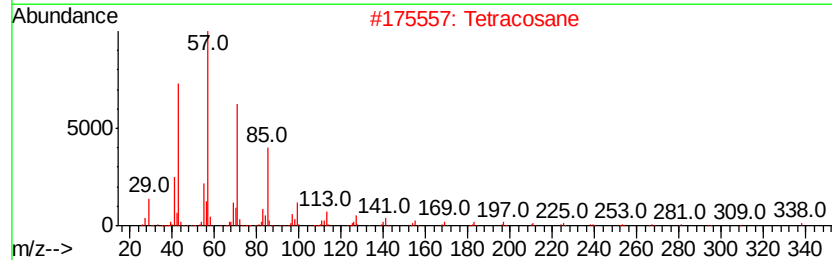
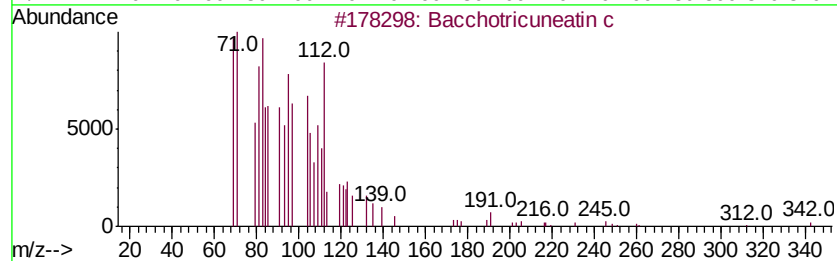
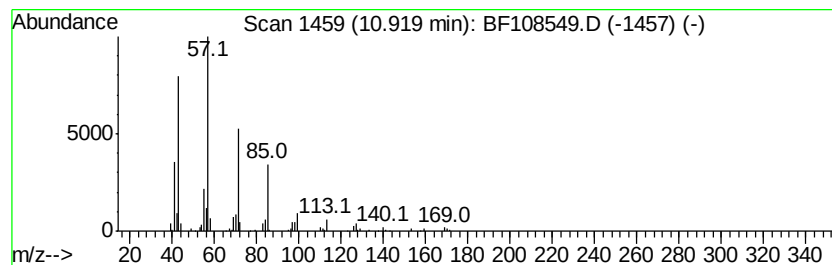
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	7.95 ng	283228	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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ALS Vial : 51 Sample Multiplier: 1

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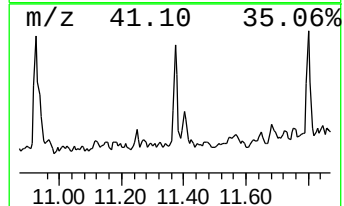
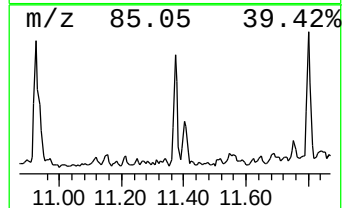
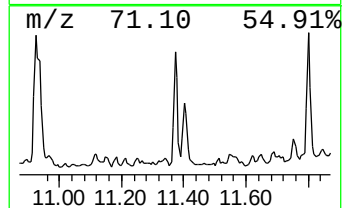
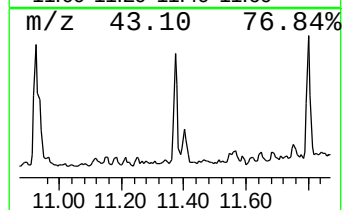
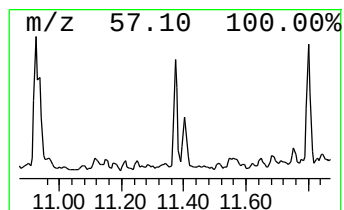
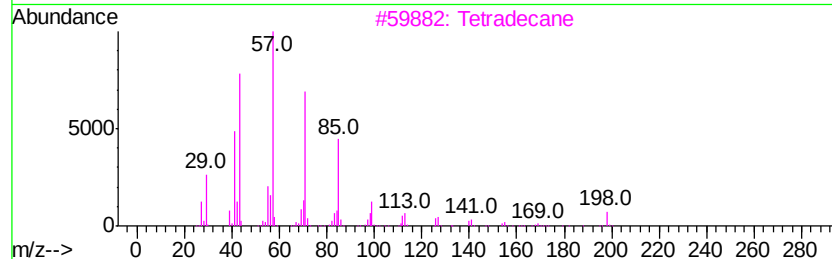
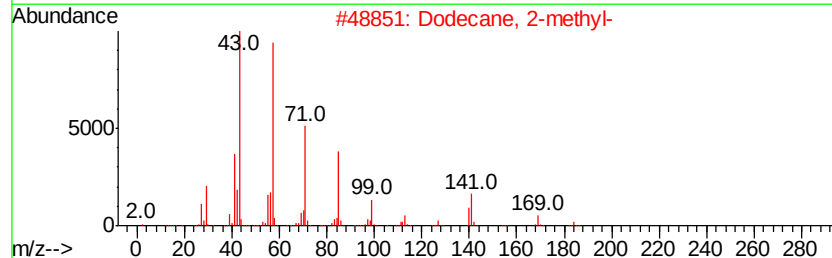
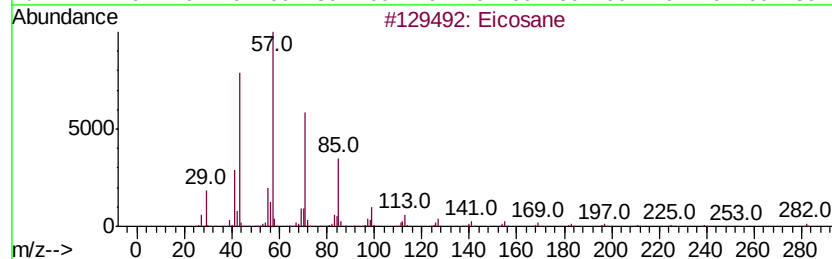
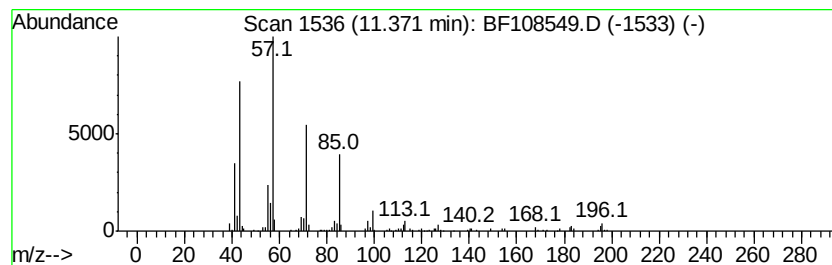
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	4.06 ng	144764	Phenanthrene-d10	11.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Heptacosane		380	C27H56	000593-49-7	80
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
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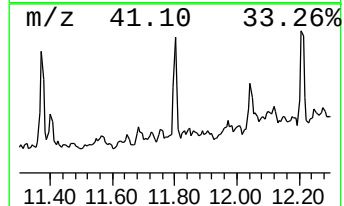
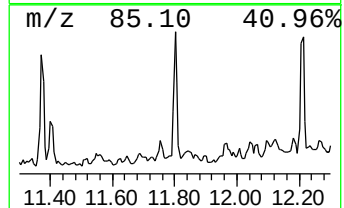
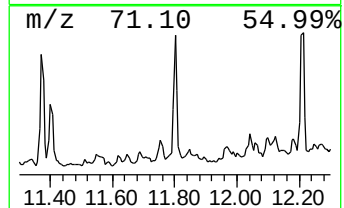
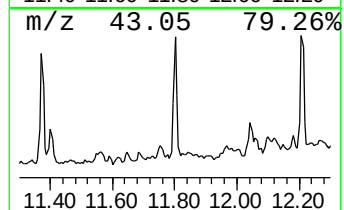
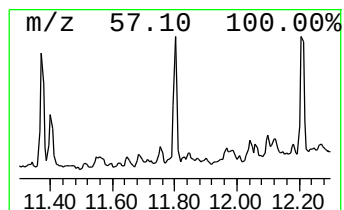
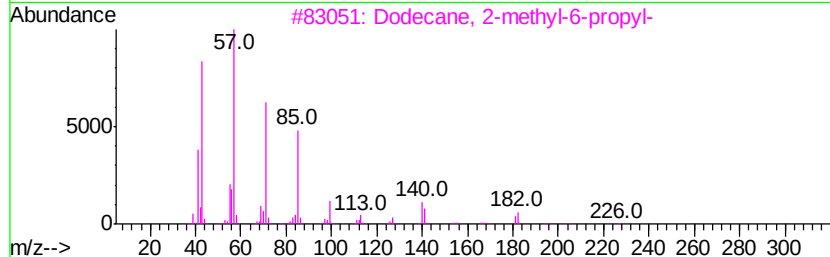
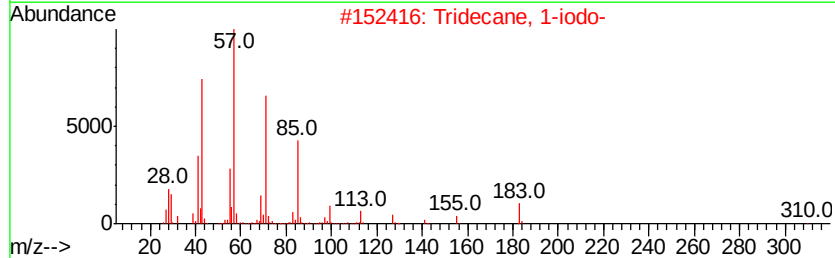
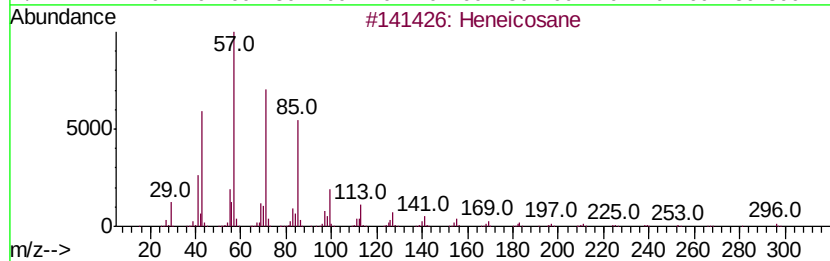
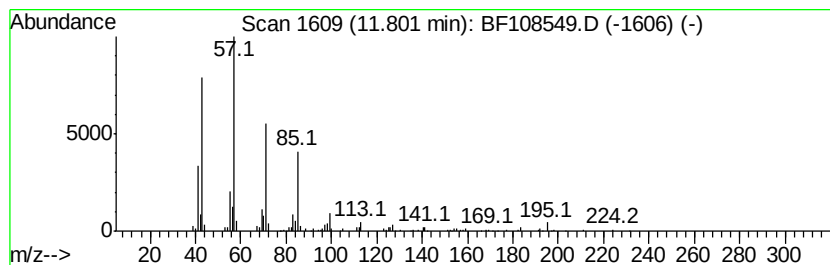
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.53 ng	161536	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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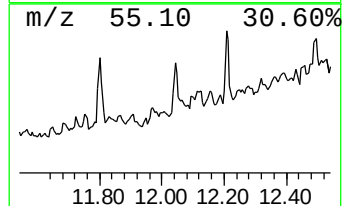
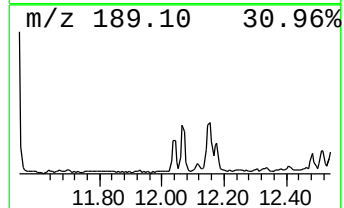
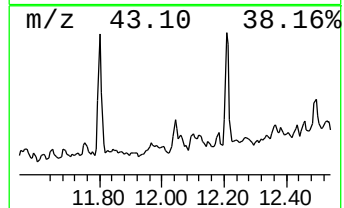
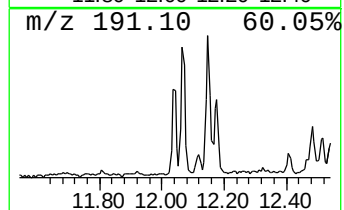
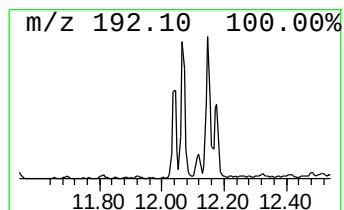
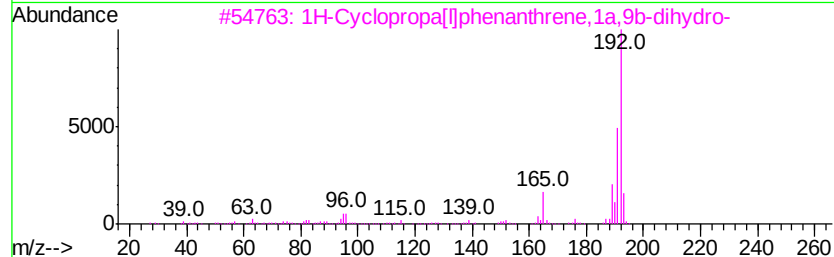
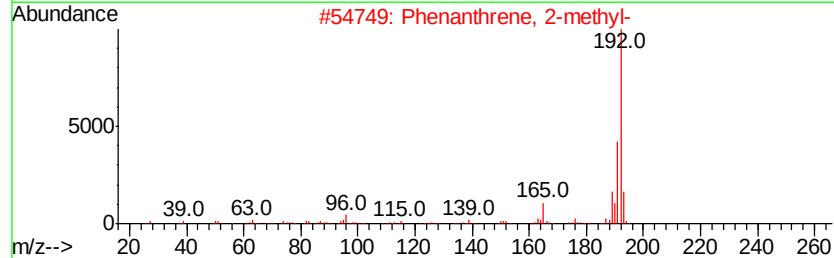
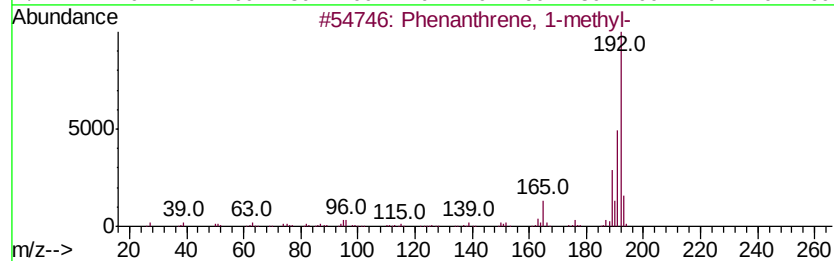
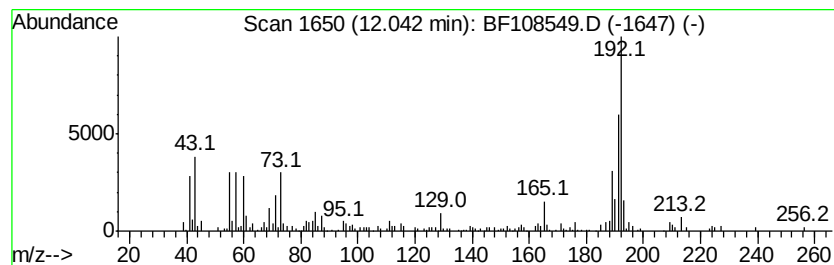
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.50 ng	160443	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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ClientSampleId :
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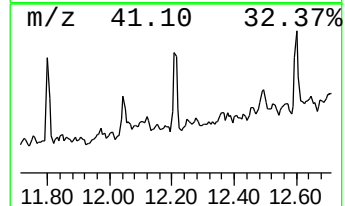
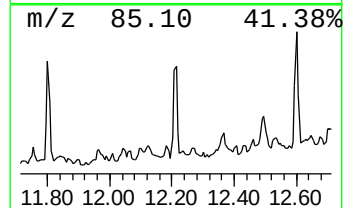
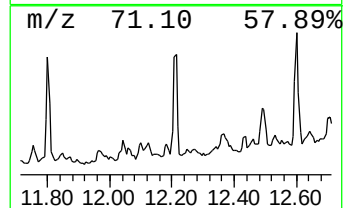
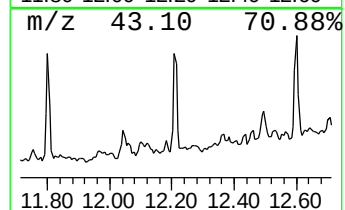
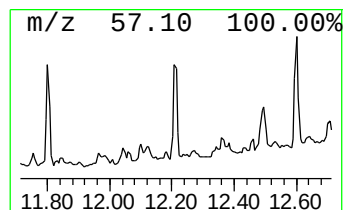
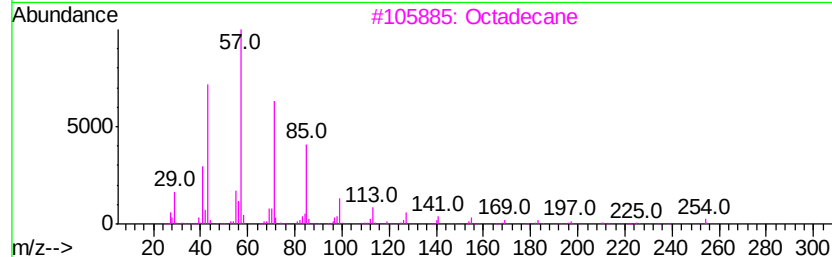
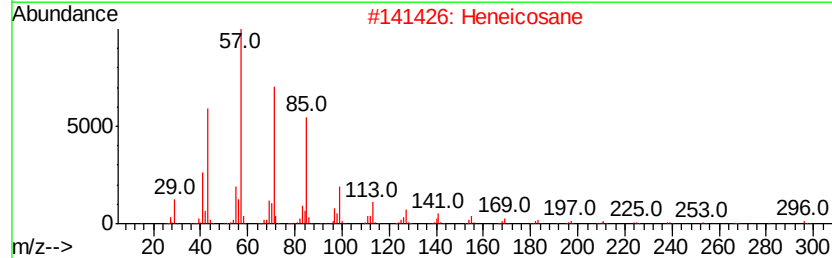
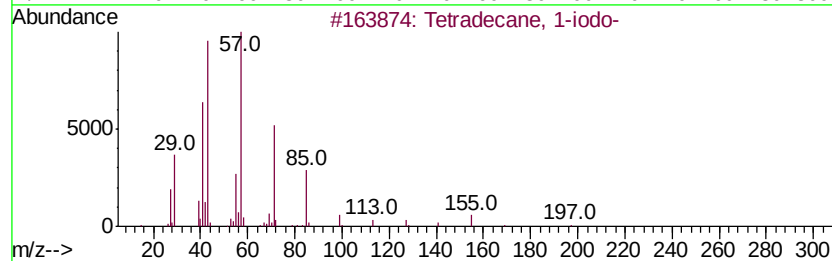
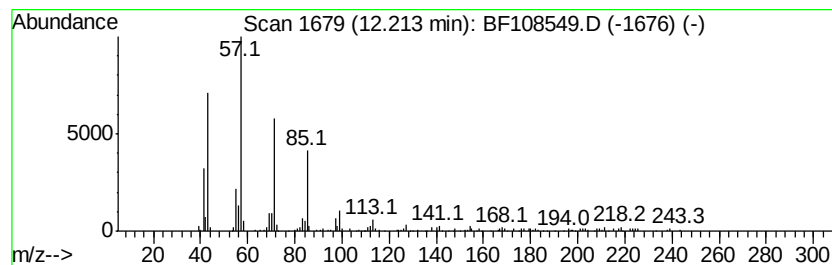
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tetradecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	4.79 ng	170694	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
2		Heneicosane	296	C21H44	000629-94-7	86
3		Octadecane	254	C18H38	000593-45-3	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
Acq On : 28 Aug 2018 9:33
Operator : JU/SJ
Sample : J4673-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTH-PATERSON-PILE

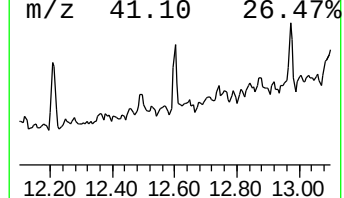
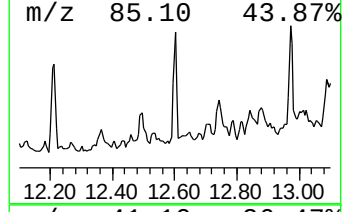
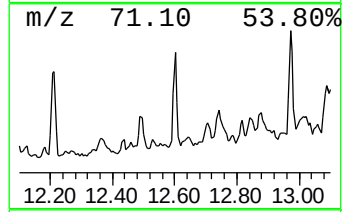
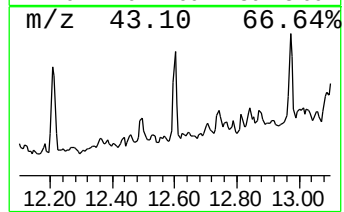
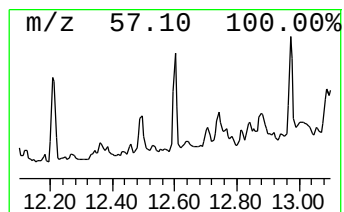
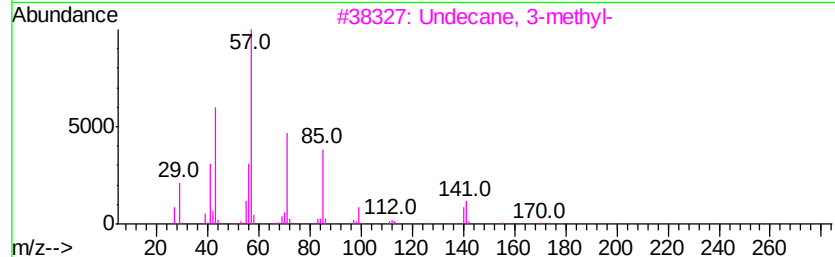
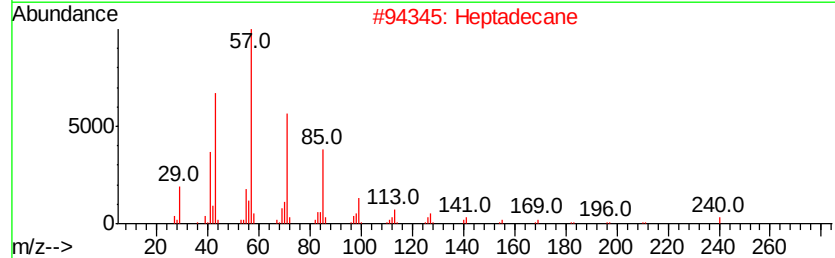
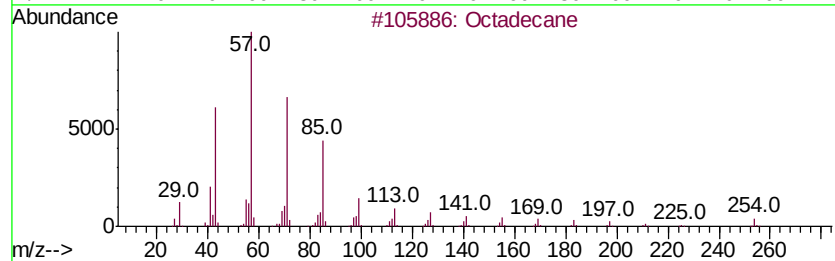
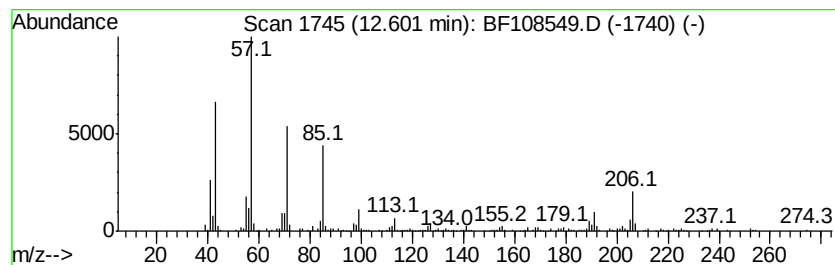
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	8.11 ng	289111	Phenanthrene-d10	11.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	91
2	Heptadecane		240	C17H36	000629-78-7	62
3	Undecane, 3-methyl-		170	C12H26	001002-43-3	58
4	Hexadecane		226	C16H34	000544-76-3	58
5	Nonadecane		268	C19H40	000629-92-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108549.D
Acq On : 28 Aug 2018 9:33
Operator : JU/SJ
Sample : J4673-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

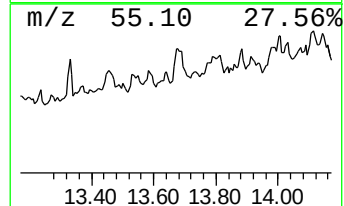
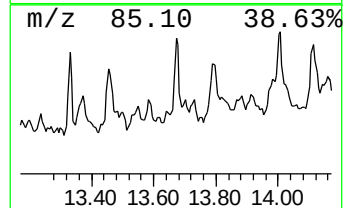
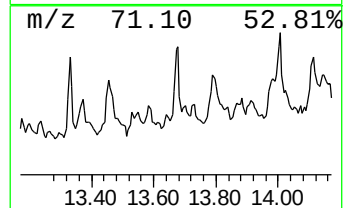
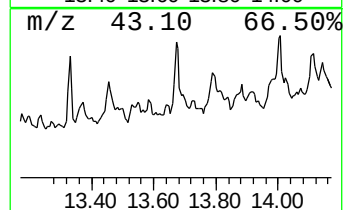
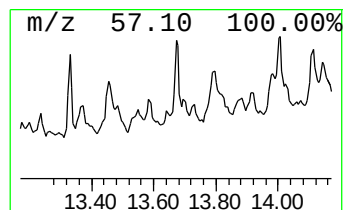
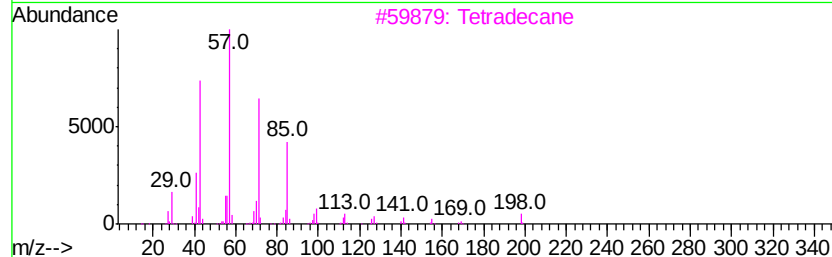
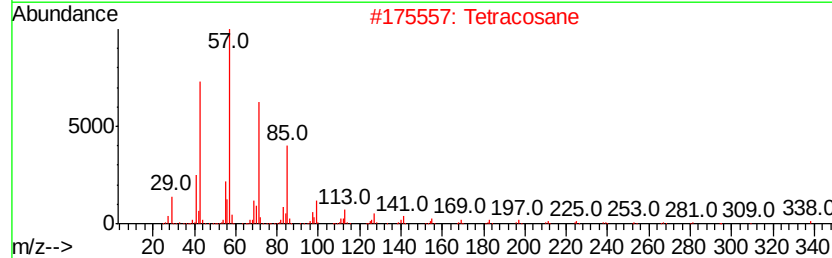
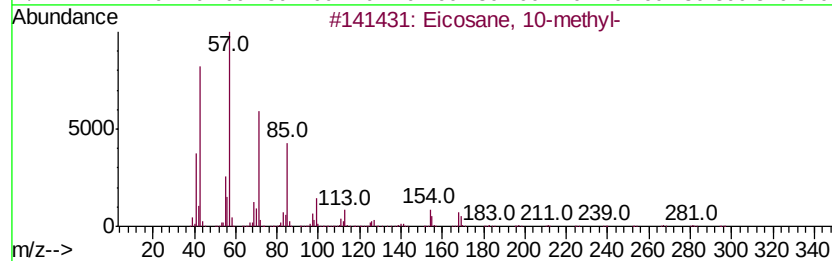
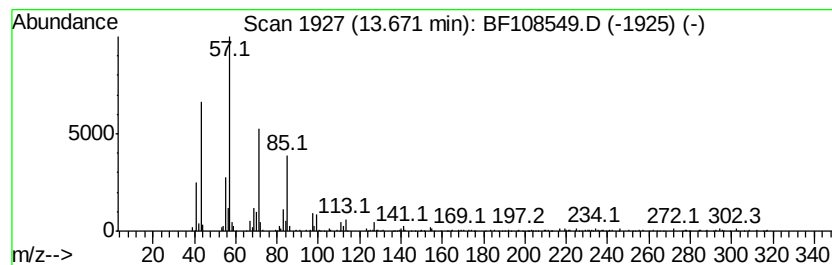
Instrument :
BNA_F
ClientSampleId :
SOUTH-PATERSON-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Eicosane, 10-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.48 ng	268898	Chrysene-d12	14.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane, 10-methyl-	296 C21H44	054833-23-7	91
2	Tetracosane	338 C24H50	000646-31-1	86
3	Tetradecane	198 C14H30	000629-59-4	86
4	Eicosane	282 C20H42	000112-95-8	86
5	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082718\
 Data File : BF108549.D
 Acq On : 28 Aug 2018 9:33
 Operator : JU/SJ
 Sample : J4673-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-PATERSON-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	5.91	4.8 ng		168492	1	7.00	700711	20.0
Benzene, 1-ethyl-...	6.52	4.2 ng		145660	1	7.00	700711	20.0
unknown6.77	6.77	59.1 ng		2071970	1	7.00	700711	20.0
Benzene, 1,2,3-tr...	6.82	9.7 ng		339992	1	7.00	700711	20.0
Benzene, 1,2,4,5-...	8.01	4.8 ng		187976	2	8.28	776143	20.0
Sulfurous acid, 2...	8.68	4.2 ng		164034	2	8.28	776143	20.0
Tridecane	8.85	10.2 ng		394874	2	8.28	776143	20.0
Hexane, 2,4-dimet...	9.21	4.4 ng		160248	3	10.04	723038	20.0
Decane, 6-ethyl-2...	9.42	7.0 ng		252843	3	10.04	723038	20.0
Benzene, 1,3,5-tr...	9.51	16.4 ng		593107	3	10.04	723038	20.0
Hexadecane	9.95	4.8 ng		173713	3	10.04	723038	20.0
Dodecane	10.45	4.6 ng		165470	3	10.04	723038	20.0
Bacchotricuneatin c	10.92	8.0 ng		283228	4	11.54	712775	20.0
Eicosane	11.37	4.1 ng		144764	4	11.54	712775	20.0
Heneicosane	11.80	4.5 ng		161536	4	11.54	712775	20.0
Phenanthrene, 1-m...	12.04	4.5 ng		160443	4	11.54	712775	20.0
Tetradecane, 1-iodo-	12.21	4.8 ng		170694	4	11.54	712775	20.0
Octadecane	12.60	8.1 ng		289111	4	11.54	712775	20.0
Eicosane, 10-methyl-	13.67	5.5 ng		268898	5	14.19	980988	20.0