

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
 Data File : BF108183.D
 Acq On : 15 Aug 2018 23:24
 Operator : JU/SJ
 Sample : J3822-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS004-01

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	2.390	4	9	18	rVB	438864	619594	10.85%	0.798%
2	4.707	399	403	406	rBV	133364	144900	2.54%	0.187%
3	5.266	493	498	504	rBV	769905	1019489	17.86%	1.313%
4	5.648	556	563	566	rBV	4686507	4709130	82.50%	6.063%
5	5.925	606	610	613	rBV	407020	327721	5.74%	0.422%
6	6.637	725	731	734	rBV	4534747	5078708	88.97%	6.539%
7	6.790	752	757	760	rVB	4758603	4912530	86.06%	6.325%
8	6.837	762	765	769	rBV	746902	568419	9.96%	0.732%
9	7.013	791	795	799	rBV	1506677	1288819	22.58%	1.659%
10	7.172	815	822	826	rBV	4213421	3937283	68.98%	5.070%
11	7.278	834	840	843	rBV3	65392	89923	1.58%	0.116%
12	7.331	846	849	854	rVB2	89526	115879	2.03%	0.149%
13	7.542	880	885	886	rBV3	84269	86522	1.52%	0.111%
14	7.578	886	891	898	rVV2	3272005	3951939	69.23%	5.089%
15	8.031	965	968	970	rVV	115682	94175	1.65%	0.121%
16	8.260	1001	1007	1010	rBV	1046969	864456	15.14%	1.113%
17	8.301	1010	1014	1018	rVV	1683974	1608119	28.17%	2.071%
18	8.336	1018	1020	1024	rVB	190203	165411	2.90%	0.213%
19	8.578	1058	1061	1066	rVB2	214884	219026	3.84%	0.282%
20	8.654	1072	1074	1077	rVV	126451	104281	1.83%	0.134%
21	8.701	1079	1082	1084	rVB	274715	224060	3.93%	0.288%
22	8.795	1095	1098	1101	rBV	157578	150389	2.63%	0.194%
23	8.872	1105	1111	1114	rBV	1561727	1243127	21.78%	1.601%
24	8.954	1122	1125	1132	rVB4	135415	208167	3.65%	0.268%
25	9.013	1132	1135	1137	rBV	107952	91923	1.61%	0.118%
26	9.066	1141	1144	1149	rBV3	62136	91264	1.60%	0.118%
27	9.113	1149	1152	1155	rBV2	196242	177593	3.11%	0.229%
28	9.195	1163	1166	1170	rVB4	174747	217411	3.81%	0.280%
29	9.236	1170	1173	1175	rBV	232403	194995	3.42%	0.251%
30	9.278	1175	1180	1182	rVV2	124057	112324	1.97%	0.145%
31	9.301	1182	1184	1187	rVB	286640	222979	3.91%	0.287%
32	9.372	1191	1196	1200	rBV	5594579	5708267	100.00%	7.350%
33	9.436	1203	1207	1210	rVV	1761503	1551230	27.18%	1.997%
34	9.472	1210	1213	1217	rVV3	138190	182782	3.20%	0.235%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.631	1237	1240	1245	rBV2	134837	214350	3.76%	0.276%
36	9.683	1245	1249	1252	rBV4	140218	234516	4.11%	0.302%
37	9.713	1252	1254	1256	rVV	262433	240765	4.22%	0.310%
38	9.760	1256	1262	1270	rVB3	783951	1158176	20.29%	1.491%
39	9.819	1270	1272	1276	rBV2	137084	162316	2.84%	0.209%
40	9.972	1293	1298	1301	rBV	2229646	1746142	30.59%	2.248%
41	10.013	1302	1305	1307	rBV3	88455	94441	1.65%	0.122%
42	10.060	1310	1313	1317	rVV2	1749112	1491288	26.13%	1.920%
43	10.160	1326	1330	1334	rBV2	79714	103680	1.82%	0.133%
44	10.201	1334	1337	1340	rBV2	136277	179099	3.14%	0.231%
45	10.230	1340	1342	1344	rVV	159339	119151	2.09%	0.153%
46	10.260	1344	1347	1349	rVB	219079	188293	3.30%	0.242%
47	10.295	1349	1353	1357	rBV3	366194	535749	9.39%	0.690%
48	10.330	1357	1359	1363	rVB	153965	132482	2.32%	0.171%
49	10.372	1363	1366	1369	rBV2	152228	164154	2.88%	0.211%
50	10.401	1369	1371	1377	rVB2	149358	190112	3.33%	0.245%
51	10.472	1377	1383	1386	rBV	2395761	1910597	33.47%	2.460%
52	10.689	1416	1420	1423	rBV	568916	608724	10.66%	0.784%
53	10.748	1427	1430	1432	rBV2	111143	108137	1.89%	0.139%
54	10.772	1432	1434	1439	rVB2	153265	177524	3.11%	0.229%
55	10.813	1439	1441	1444	rVB2	264203	206630	3.62%	0.266%
56	10.854	1444	1448	1451	rBV	2689332	2408515	42.19%	3.101%
57	10.948	1460	1464	1469	rBV	2181960	2355023	41.26%	3.032%
58	11.019	1473	1476	1478	rBV2	86265	88757	1.55%	0.114%
59	11.136	1493	1496	1499	rBV	233132	243844	4.27%	0.314%
60	11.230	1510	1512	1516	rVB2	156317	143278	2.51%	0.184%
61	11.272	1516	1519	1521	rBV2	144993	160469	2.81%	0.207%
62	11.295	1521	1523	1529	rVB	164779	176499	3.09%	0.227%
63	11.395	1537	1540	1543	rBV	1922199	1506232	26.39%	1.939%
64	11.425	1543	1545	1548	rVB	452829	335849	5.88%	0.432%
65	11.483	1552	1555	1561	rVB4	87992	141930	2.49%	0.183%
66	11.554	1561	1567	1570	rBV	1551670	1584684	27.76%	2.040%
67	11.642	1579	1582	1584	rBV3	106871	103320	1.81%	0.133%
68	11.666	1584	1586	1591	rVV2	155104	164724	2.89%	0.212%
69	11.707	1591	1593	1597	rVV2	157705	177536	3.11%	0.229%
70	11.748	1597	1600	1602	rVV3	124794	123229	2.16%	0.159%
71	11.777	1602	1605	1610	rVV3	140188	171732	3.01%	0.221%

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72	11.825	1610	1613	1616	rVB	1794555	1412490	24.74%	1.819%
73	11.989	1636	1641	1646	rBV3	144477	256385	4.49%	0.330%
74	12.060	1650	1653	1655	rVV	112087	128283	2.25%	0.165%
75	12.083	1655	1657	1660	rVV	211561	189493	3.32%	0.244%
76	12.142	1665	1667	1669	rVV	119070	110165	1.93%	0.142%
77	12.172	1669	1672	1675	rVV3	156847	222674	3.90%	0.287%
78	12.230	1679	1682	1686	rVB	1391770	1152501	20.19%	1.484%
79	12.513	1727	1730	1733	rVV	104548	107009	1.87%	0.138%
80	12.548	1733	1736	1739	rVB3	98298	100502	1.76%	0.129%
81	12.624	1744	1749	1752	rVV	1169867	1150181	20.15%	1.481%
82	12.766	1770	1773	1779	rVB2	83855	122829	2.15%	0.158%
83	12.995	1809	1812	1815	rVB	1057736	797898	13.98%	1.027%
84	13.142	1829	1837	1841	rBV	4159963	4087340	71.60%	5.263%
85	13.354	1869	1873	1876	rVB	875224	748403	13.11%	0.964%
86	13.571	1904	1910	1912	rBV3	67783	105109	1.84%	0.135%
87	13.695	1927	1931	1936	rBV	762002	662517	11.61%	0.853%
88	13.813	1948	1951	1957	rVB2	55490	93680	1.64%	0.121%
89	14.024	1984	1987	1990	rBV	662111	622273	10.90%	0.801%
90	14.130	2002	2005	2009	rBV	84890	106626	1.87%	0.137%
91	14.207	2015	2018	2025	rBV	1236239	1140622	19.98%	1.469%
92	14.342	2037	2041	2045	rBV	633792	554835	9.72%	0.714%
93	14.442	2055	2058	2062	rBV2	71149	100126	1.75%	0.129%
94	14.648	2090	2093	2098	rBV	558192	502502	8.80%	0.647%
95	14.977	2145	2149	2154	rBV	477033	457733	8.02%	0.589%
96	15.342	2207	2211	2218	rBV	364276	442855	7.76%	0.570%
97	15.771	2277	2284	2293	rVB2	921788	1451225	25.42%	1.869%
98	16.236	2358	2363	2369	rVB	198730	312585	5.48%	0.402%
99	16.795	2454	2458	2464	rVB2	134420	233016	4.08%	0.300%
100	17.454	2566	2570	2577	rVB2	73843	157197	2.75%	0.202%

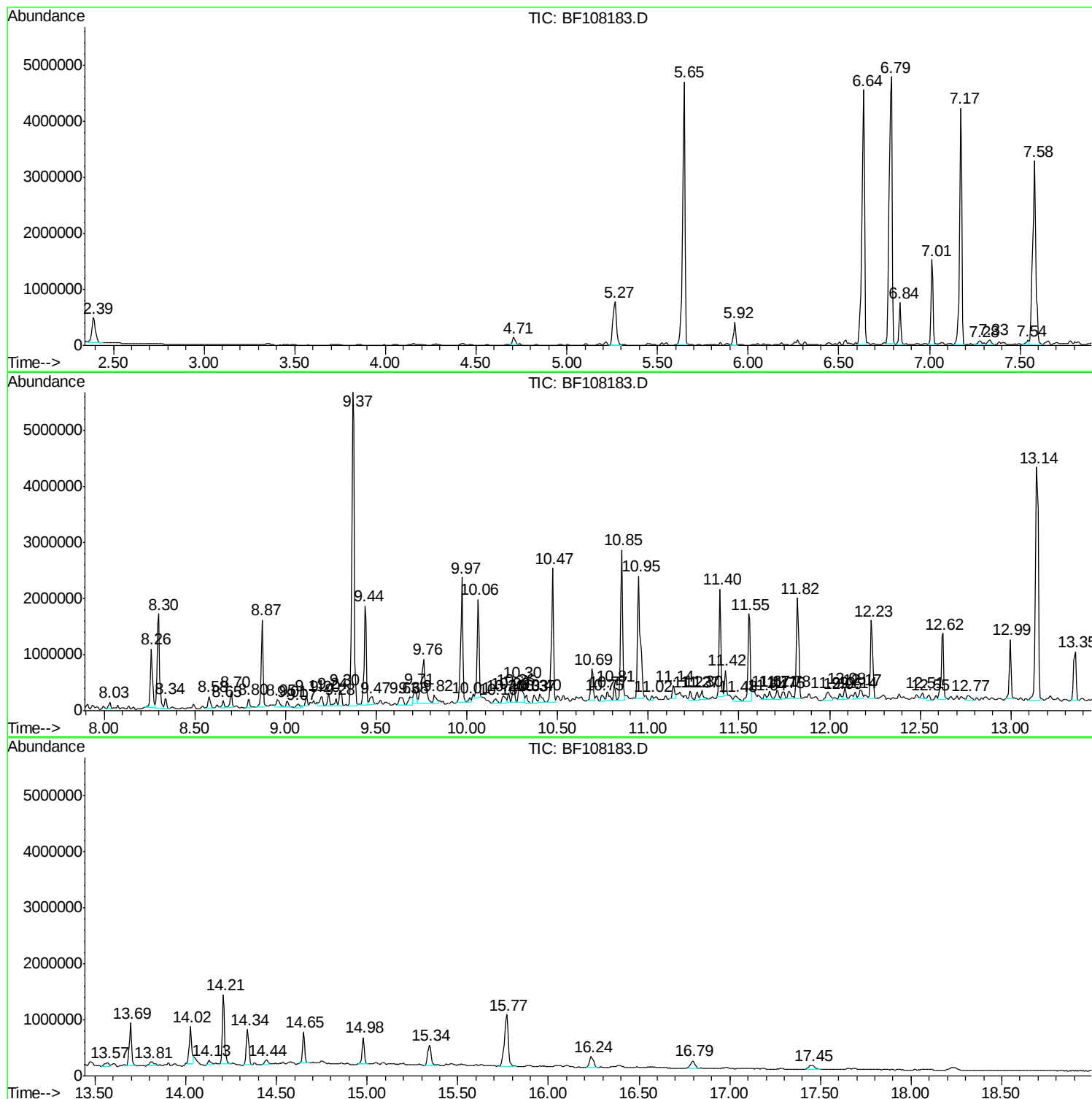
Sum of corrected areas: 77663836

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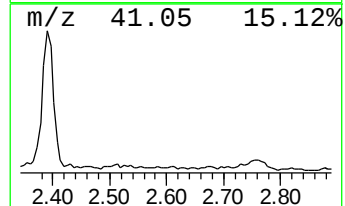
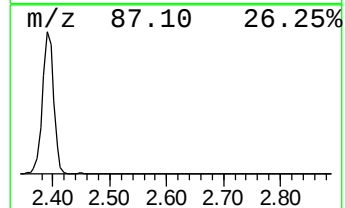
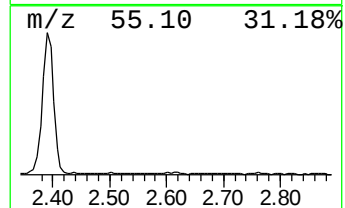
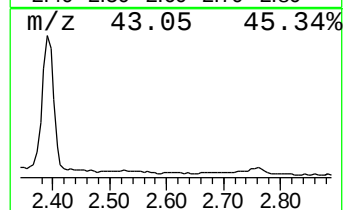
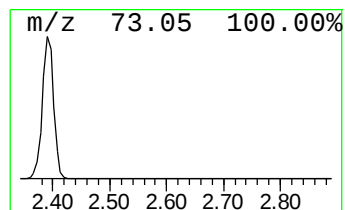
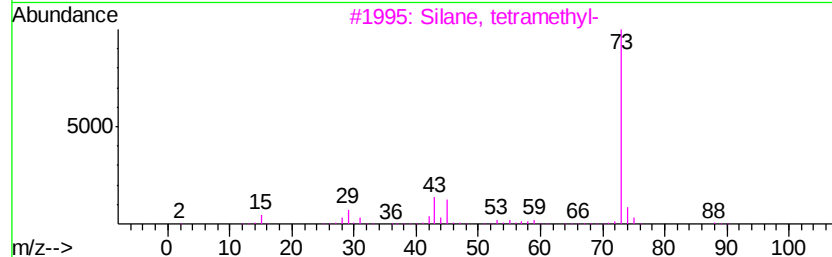
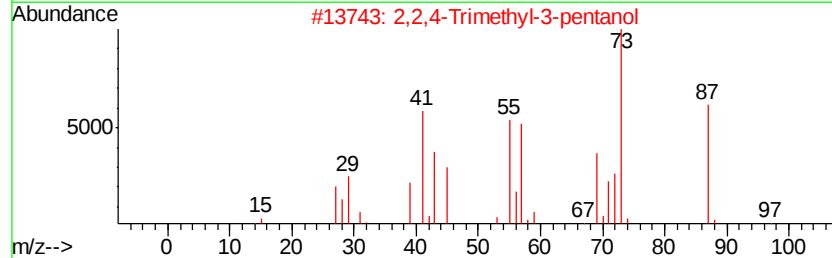
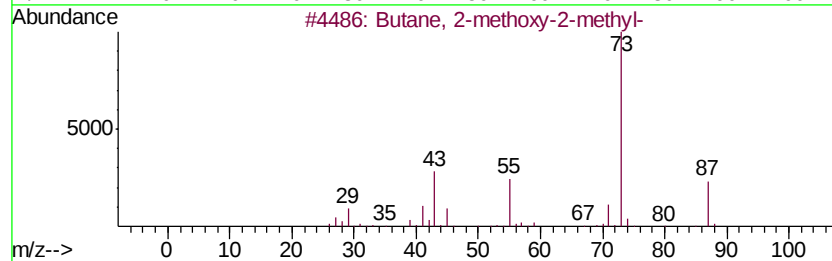
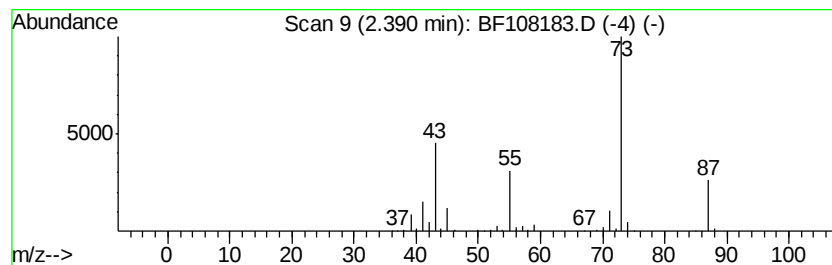
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	9.61 ng	619594	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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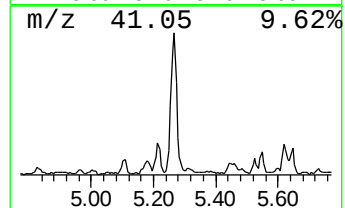
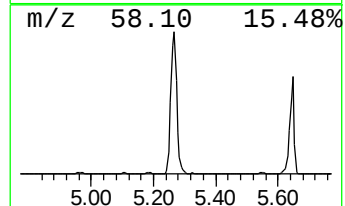
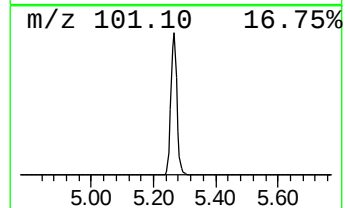
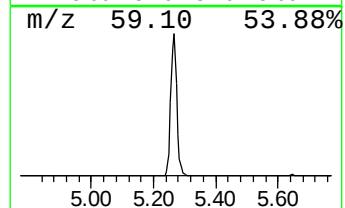
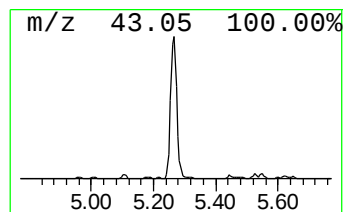
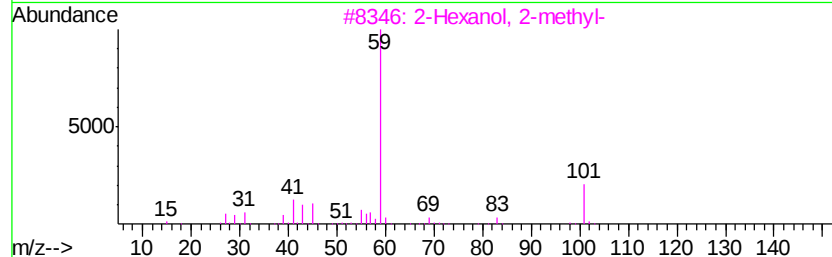
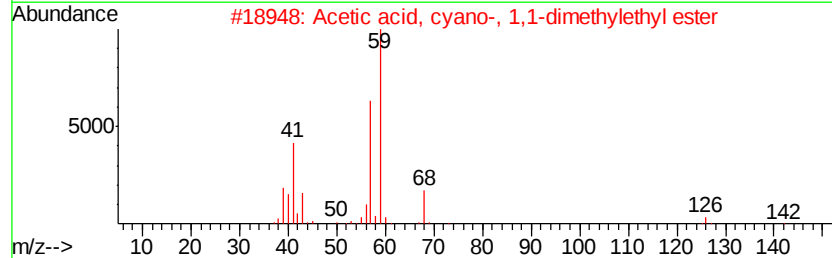
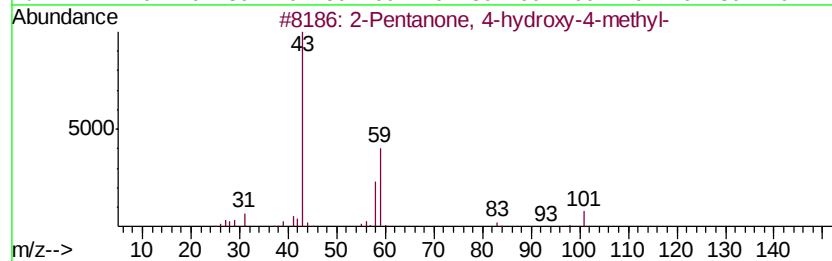
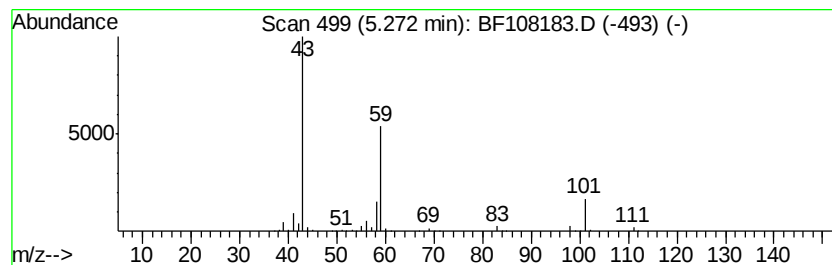
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	15.82 ng	1019490	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28



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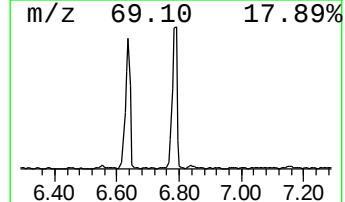
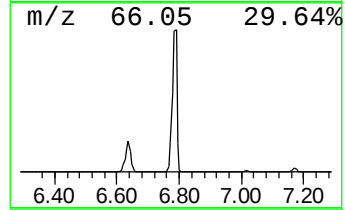
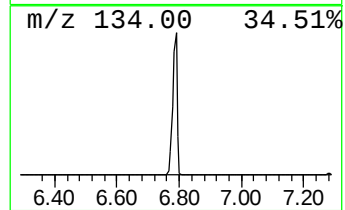
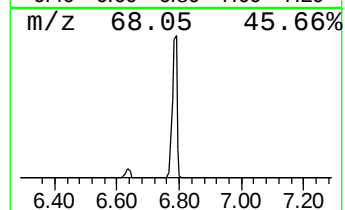
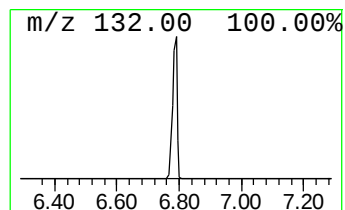
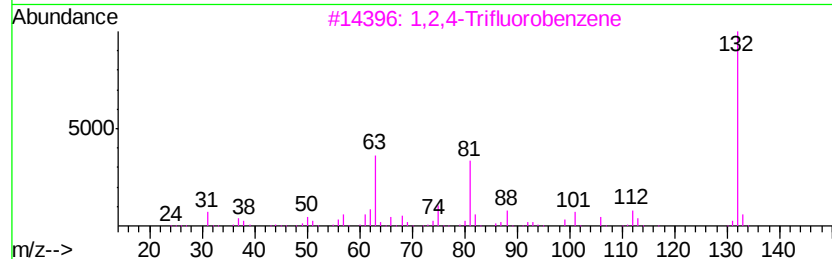
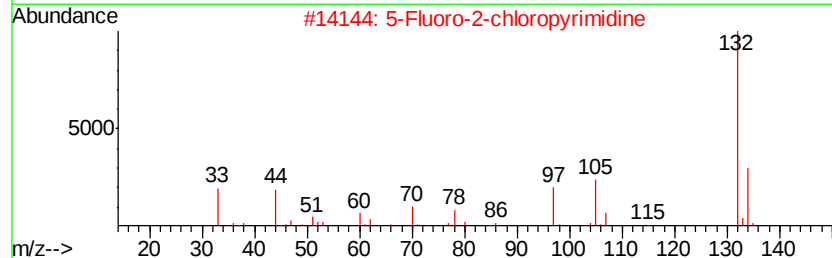
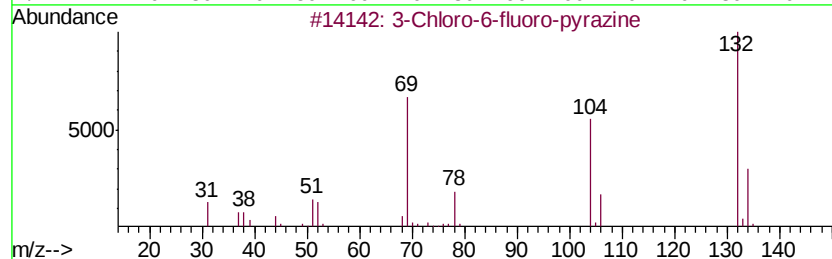
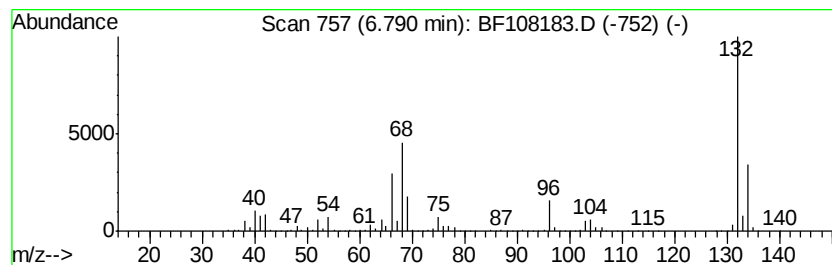
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	76.23 ng	4912530	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
Data File : BF108183.D
Acq On : 15 Aug 2018 23:24
Operator : JU/SJ
Sample : J3822-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS004-01

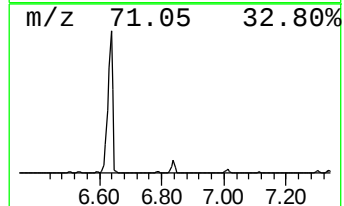
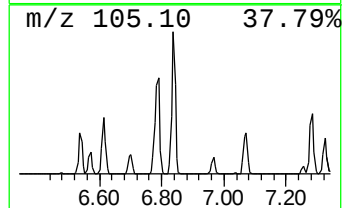
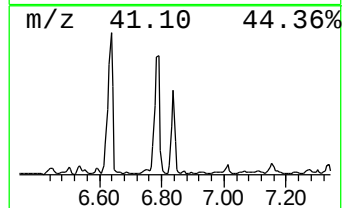
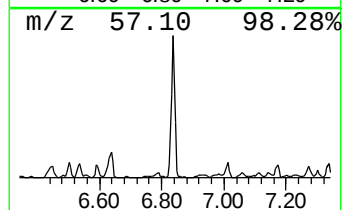
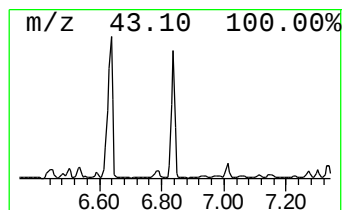
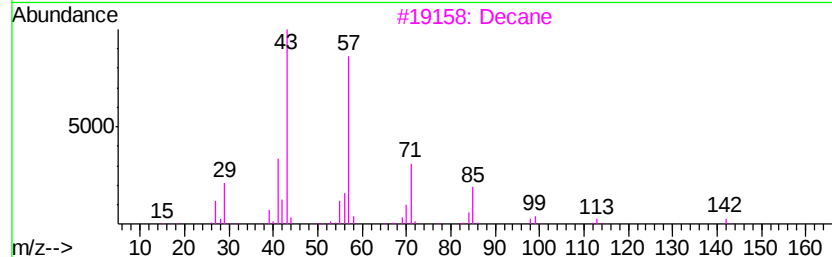
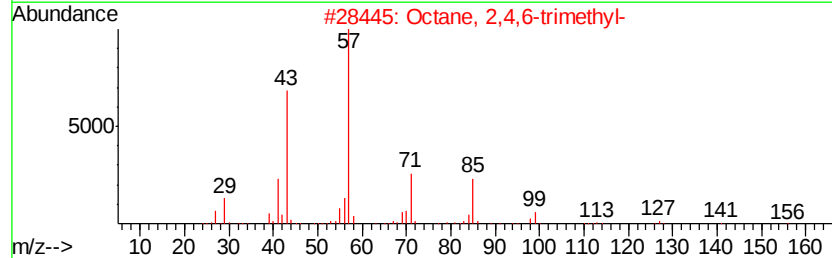
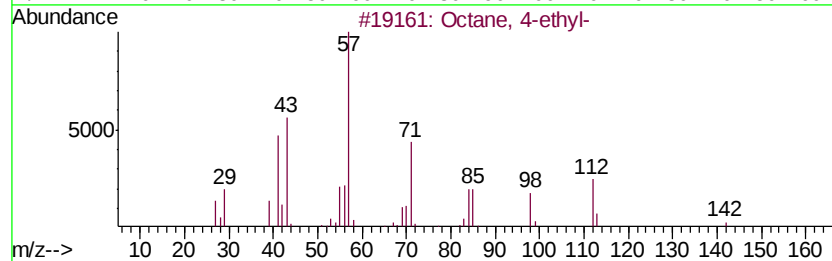
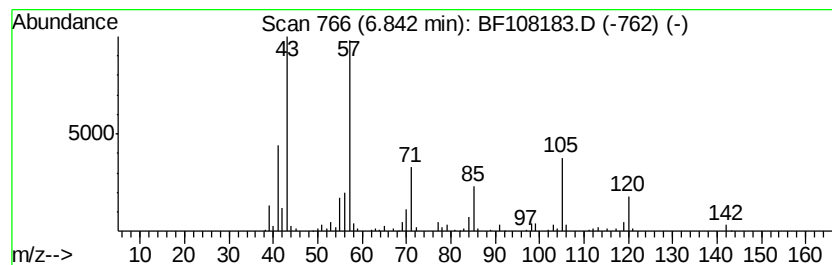
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	8.82 ng	568419	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	58
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
3		Decane	142	C10H22	000124-18-5	53
4		Nonane, 2-methyl-	142	C10H22	000871-83-0	49
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
Data File : BF108183.D
Acq On : 15 Aug 2018 23:24
Operator : JU/SJ
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ClientSampleId :
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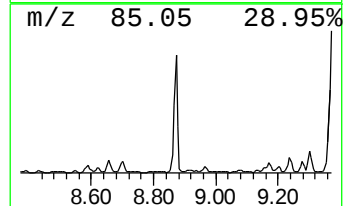
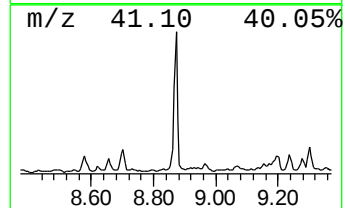
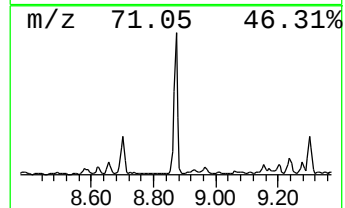
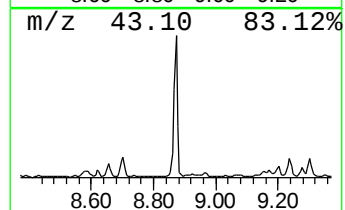
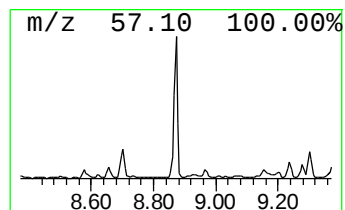
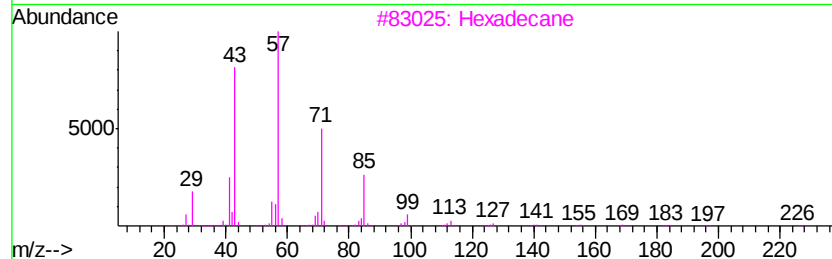
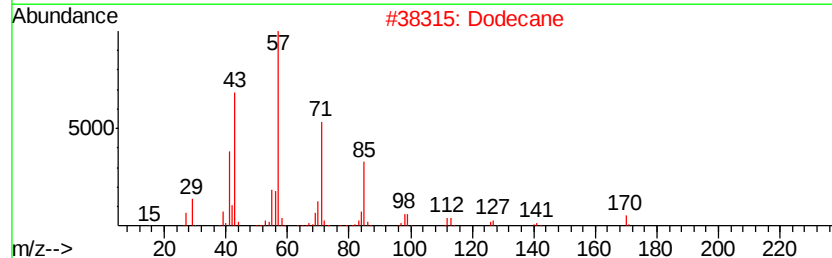
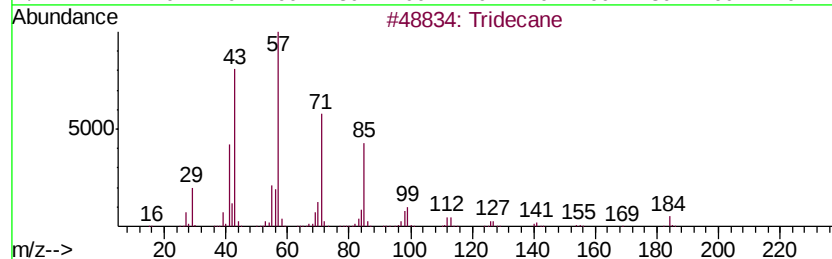
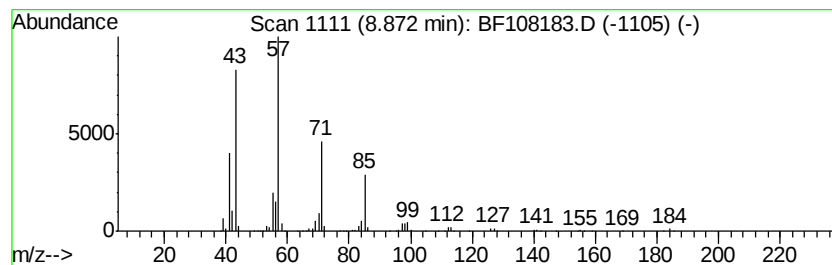
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	15.46 ng	1243130	Naphthalene-d8	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Dodecane	170	C12H26	000112-40-3	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Heptadecane	240	C17H36	000629-78-7	78
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
Data File : BF108183.D
Acq On : 15 Aug 2018 23:24
Operator : JU/SJ
Sample : J3822-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

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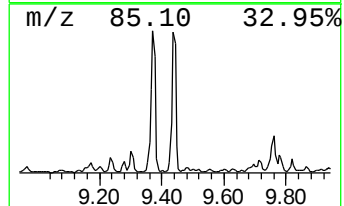
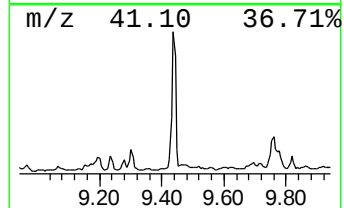
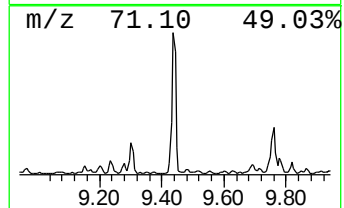
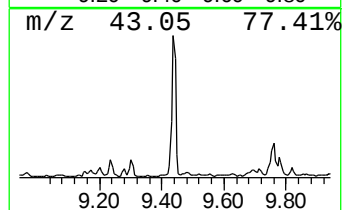
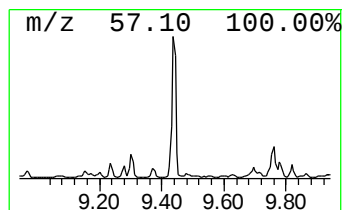
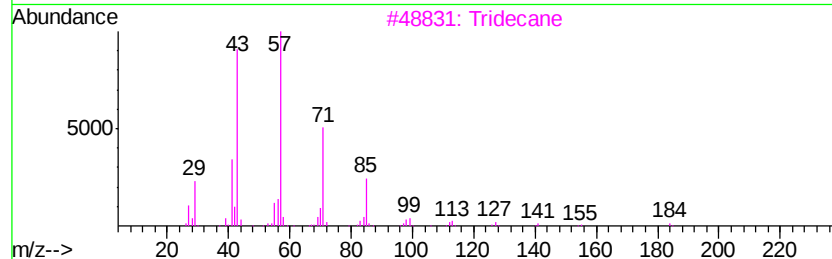
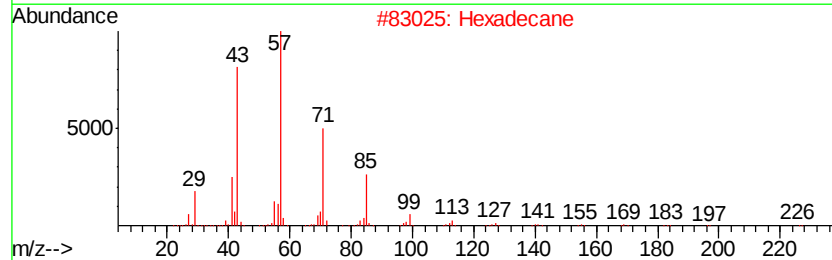
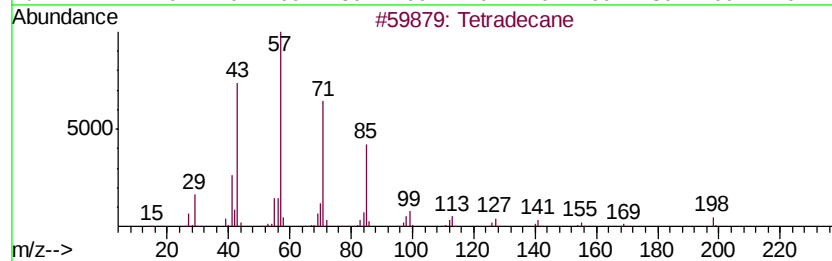
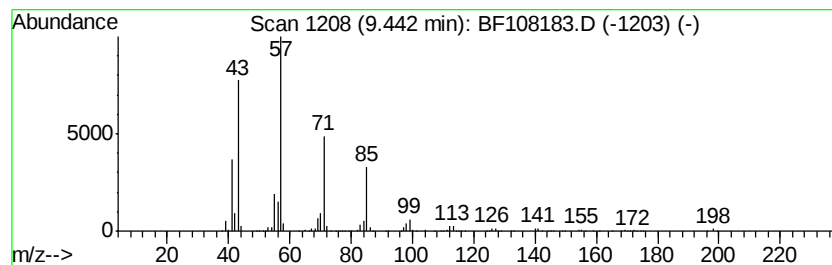
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	20.80 ng	1551230	Acenaphthene-d10	10.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
Data File : BF108183.D
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Operator : JU/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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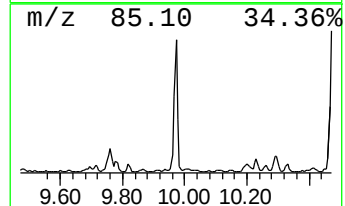
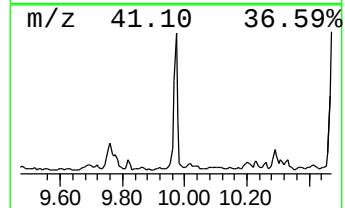
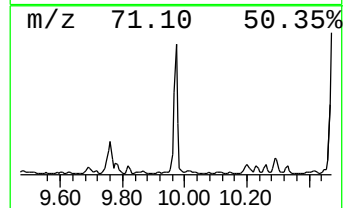
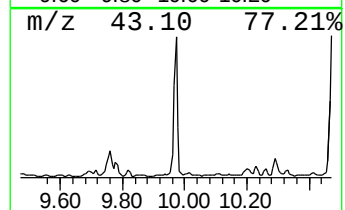
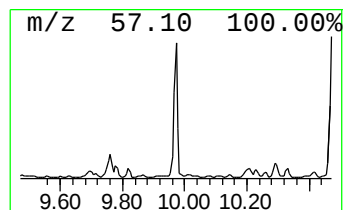
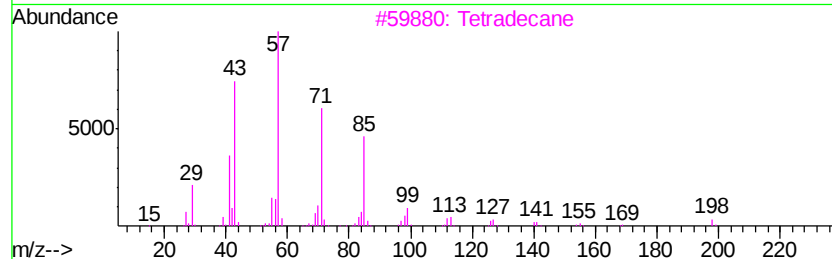
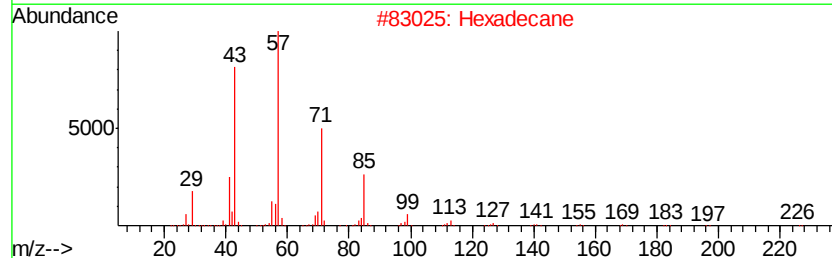
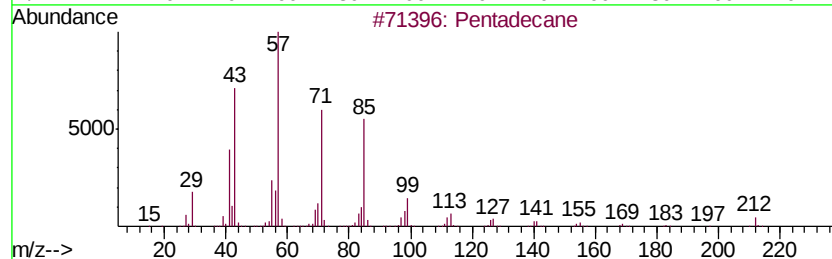
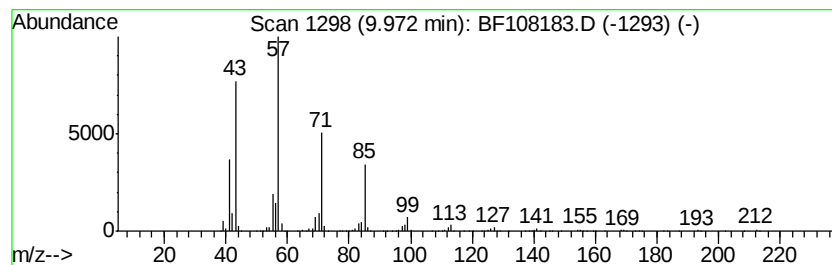
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	23.42 ng	1746140	Acenaphthene-d10	10.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
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Sample : J3822-04
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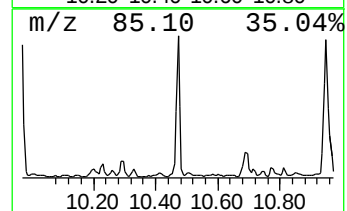
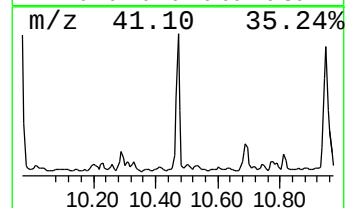
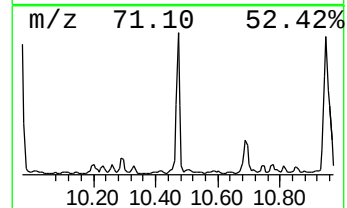
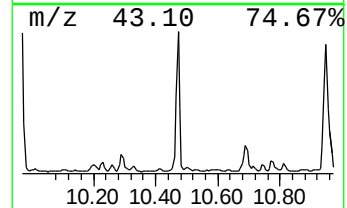
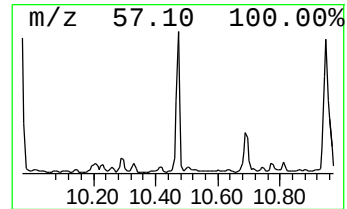
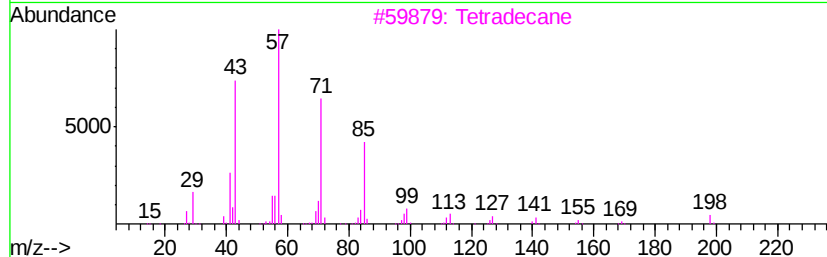
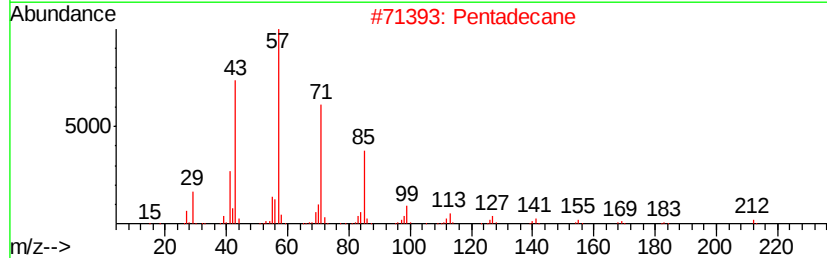
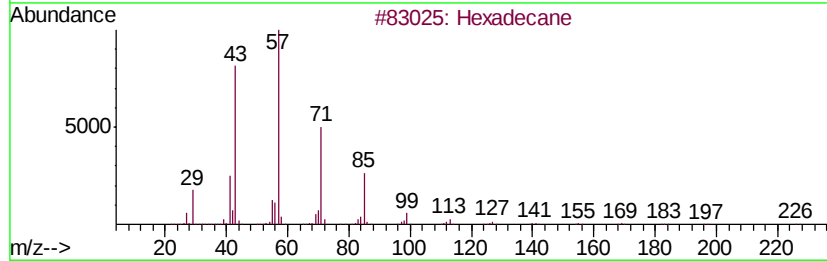
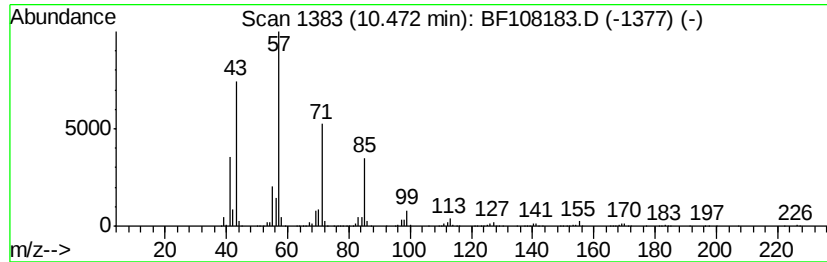
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	25.62 ng	1910600	Acenaphthene-d10	10.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	96
2	Pentadecane	212 C15H32	000629-62-9	90
3	Tetradecane	198 C14H30	000629-59-4	90
4	Undecane, 5-methyl-	170 C12H26	001632-70-8	87
5	Pentadecane, 4-methyl-	226 C16H34	002801-87-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
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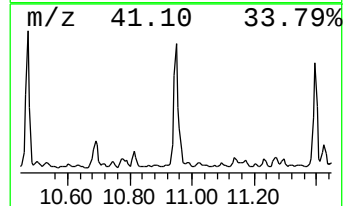
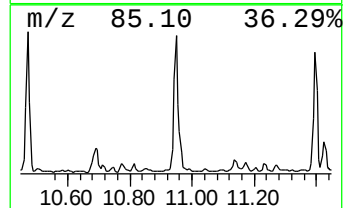
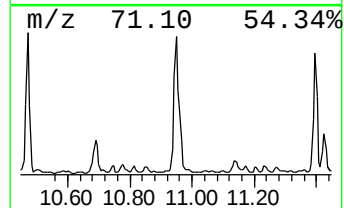
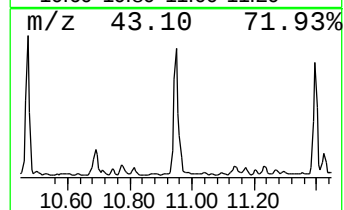
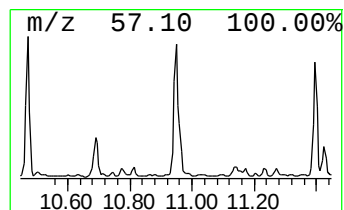
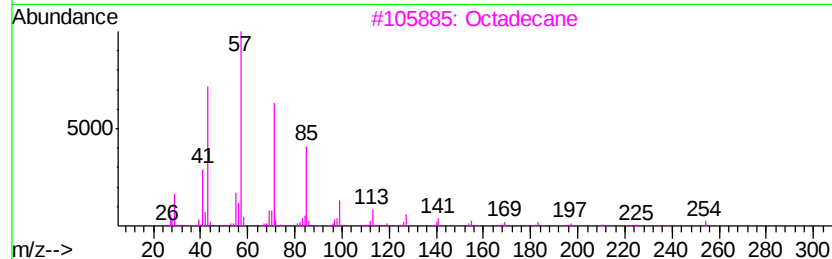
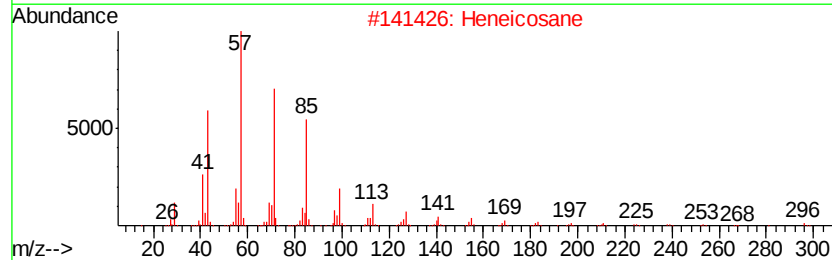
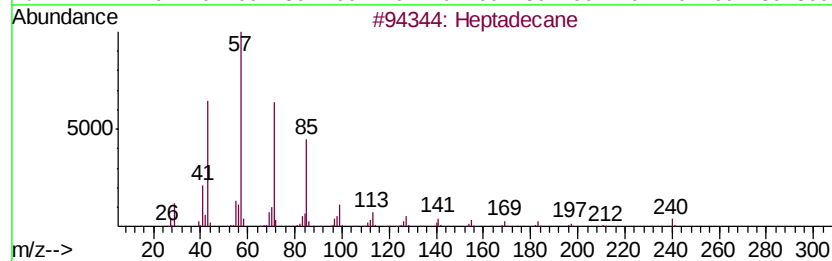
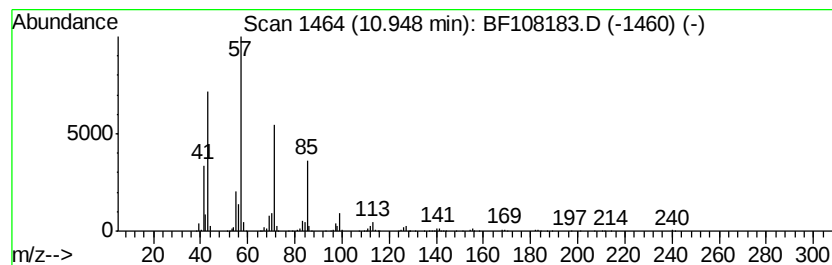
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	29.72 ng	2355020	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Heneicosane		296	C21H44	000629-94-7	90
3	Octadecane		254	C18H38	000593-45-3	86
4	Hexadecane		226	C16H34	000544-76-3	86
5	Pentadecane		212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
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ALS Vial : 16 Sample Multiplier: 1

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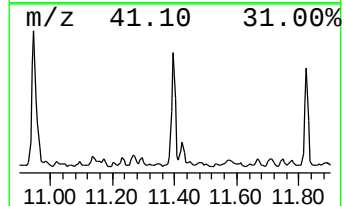
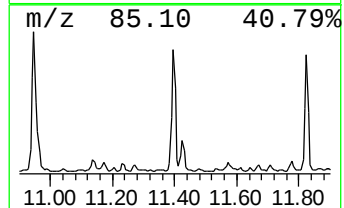
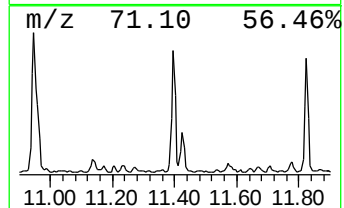
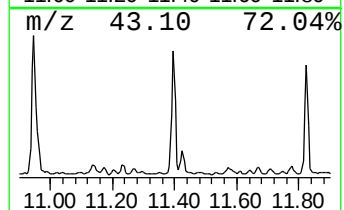
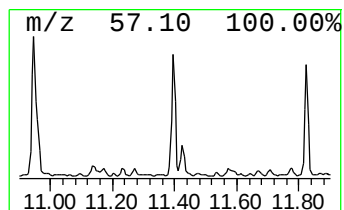
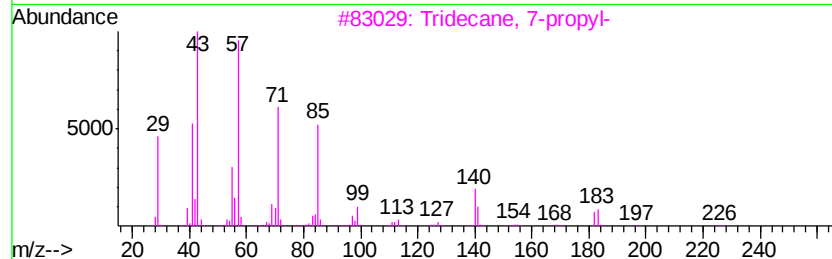
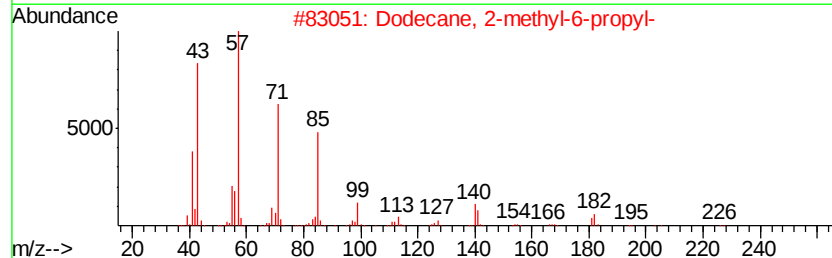
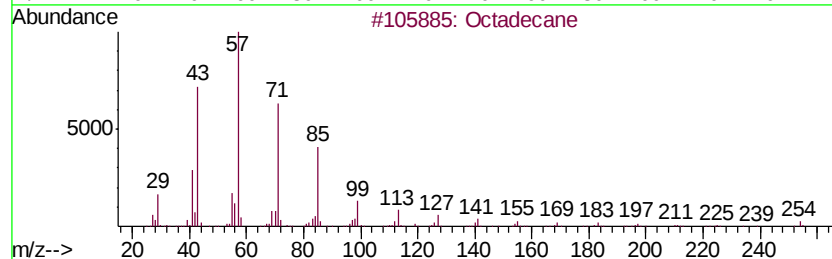
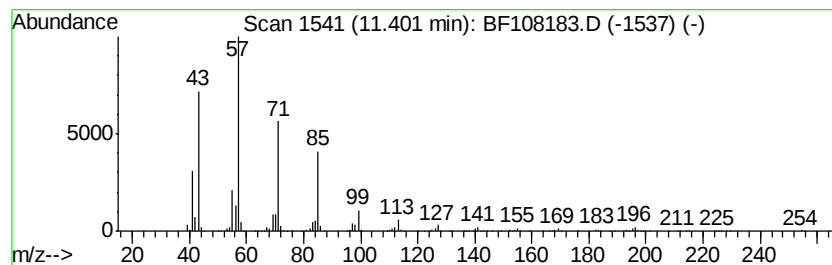
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	19.01 ng	1506230	Phenanthrene-d10	11.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
Data File : BF108183.D
Acq On : 15 Aug 2018 23:24
Operator : JU/SJ
Sample : J3822-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS004-01

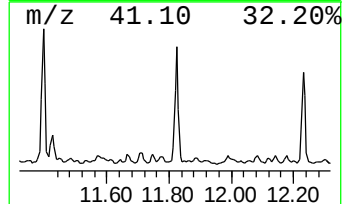
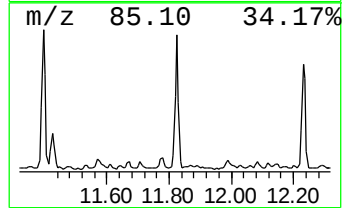
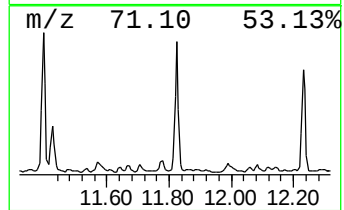
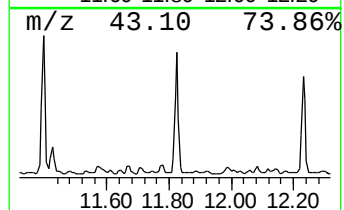
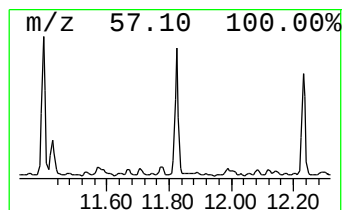
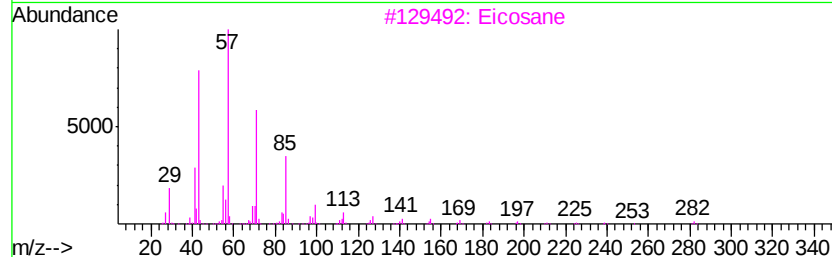
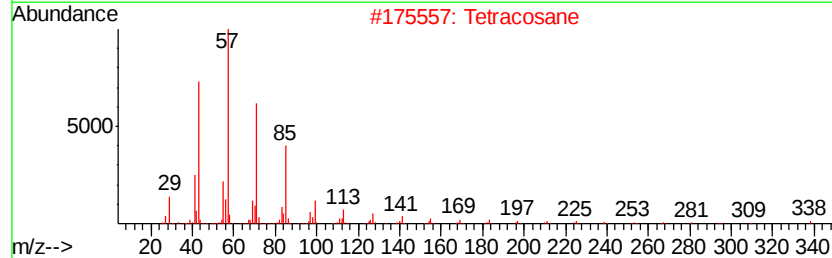
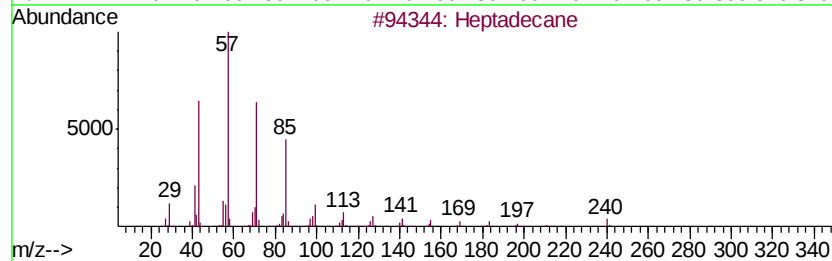
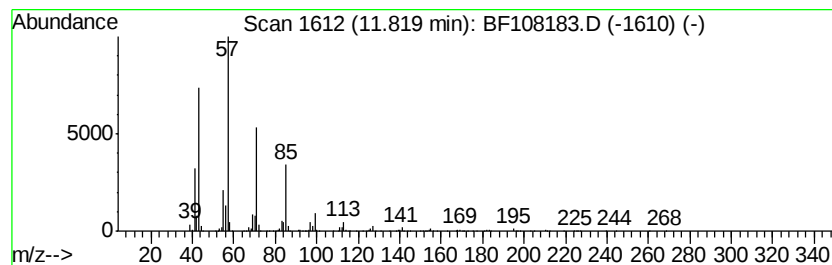
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	17.83 ng	1412490	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Tetracosane	338	C24H50	000646-31-1	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
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Sample : J3822-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

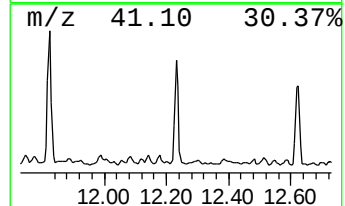
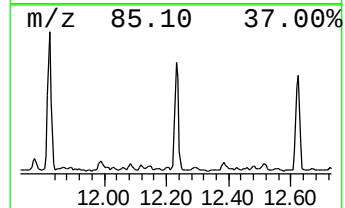
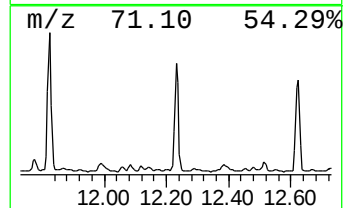
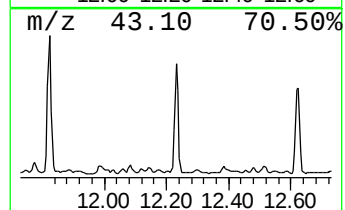
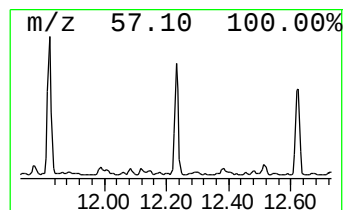
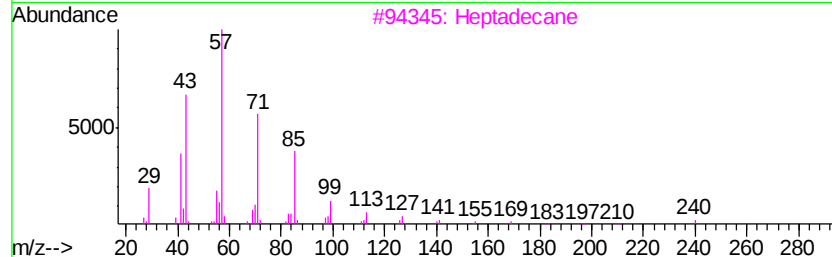
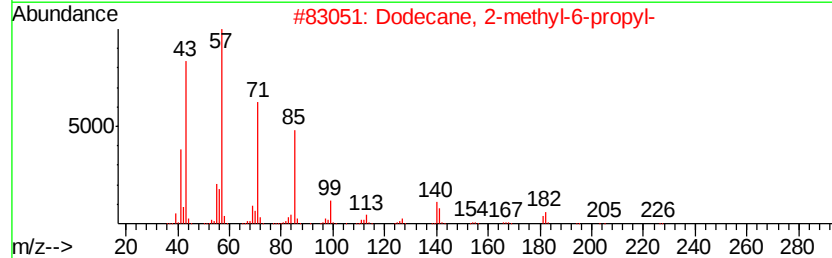
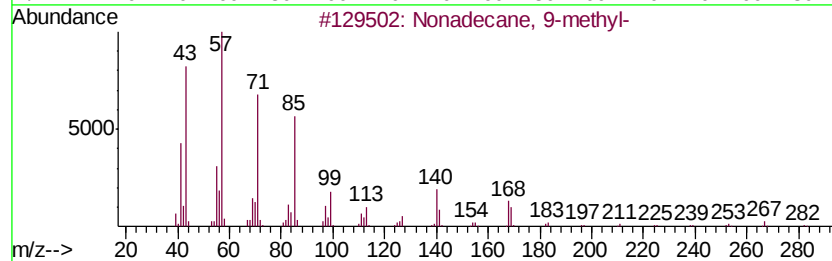
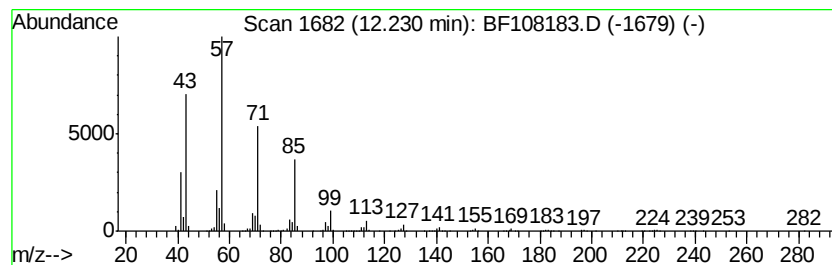
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.23	14.55 ng	1152500	Phenanthrene-d10	11.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
Data File : BF108183.D
Acq On : 15 Aug 2018 23:24
Operator : JU/SJ
Sample : J3822-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

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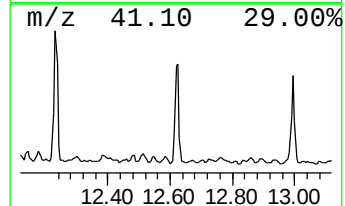
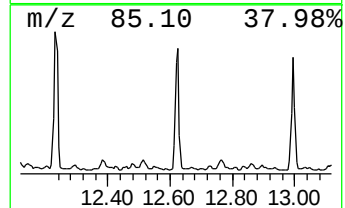
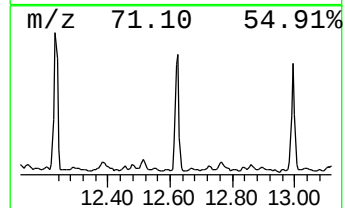
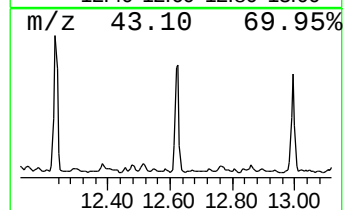
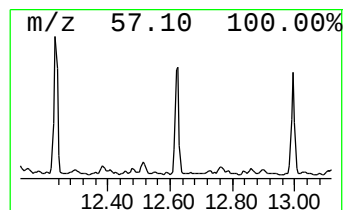
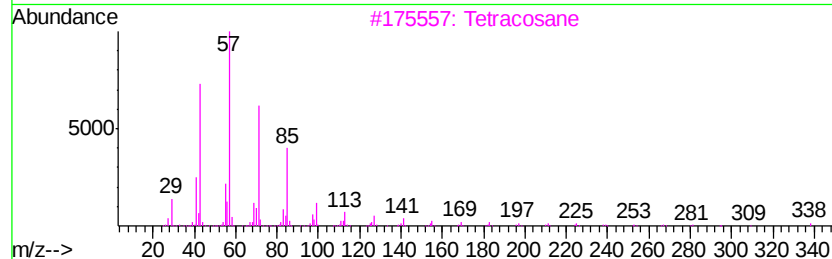
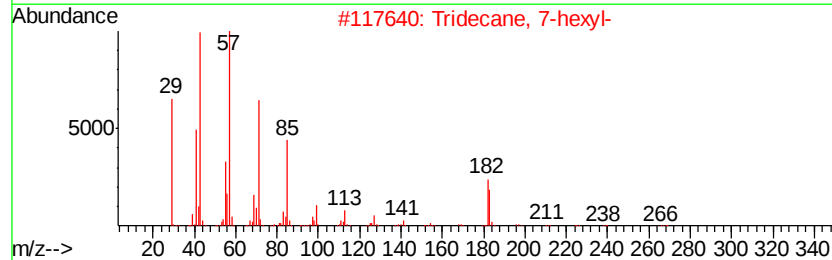
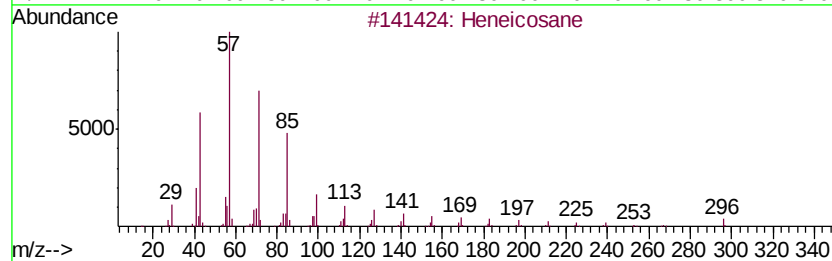
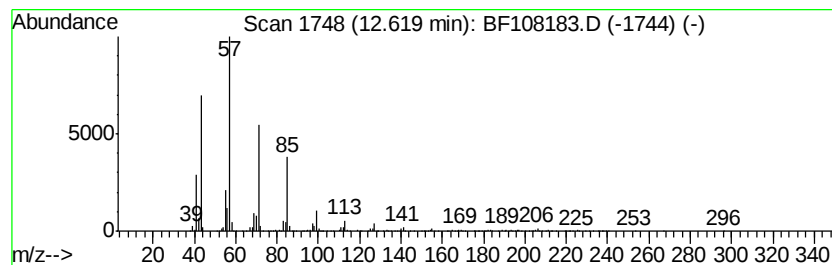
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	14.52 ng	1150180	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
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Sample : J3822-04
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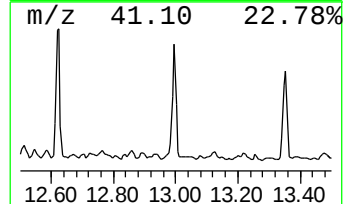
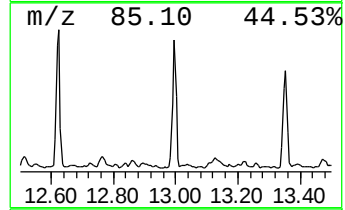
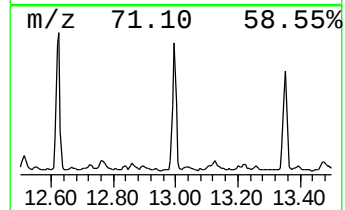
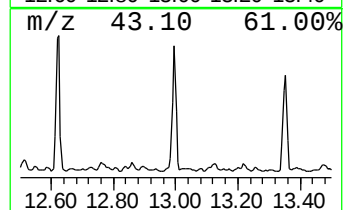
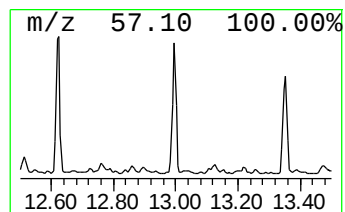
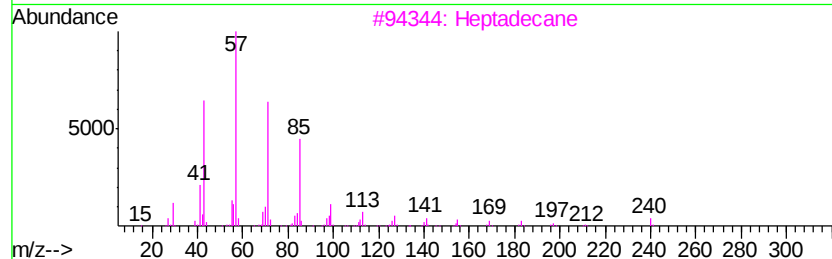
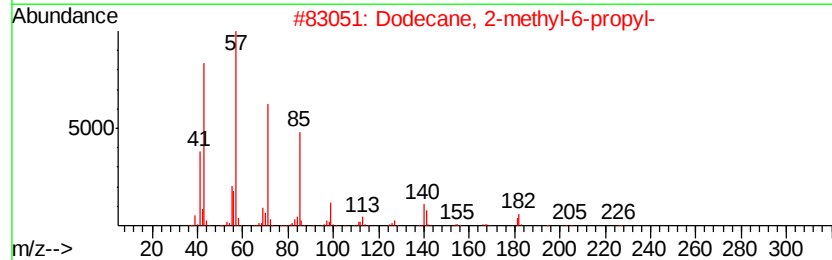
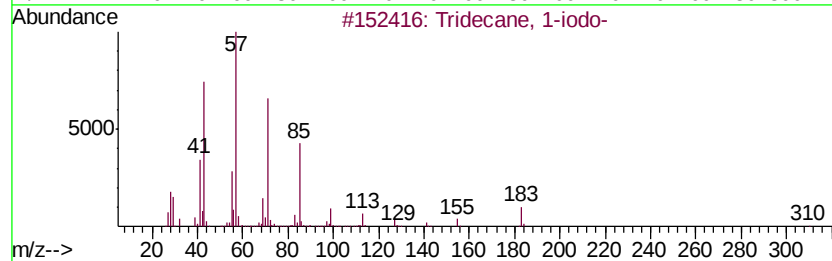
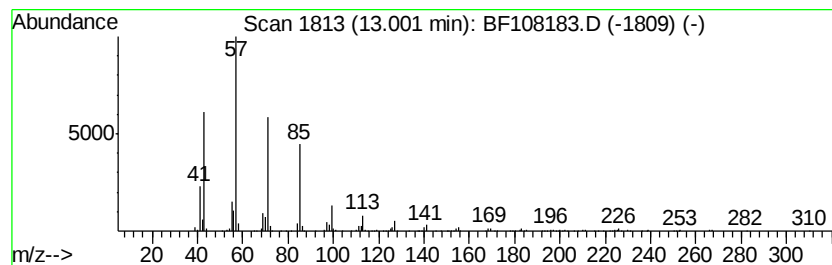
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.00	13.99 ng	797898	Chrysene-d12	14.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heptadecane	240	C17H36	000629-78-7	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
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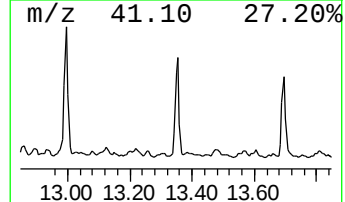
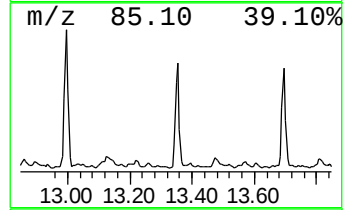
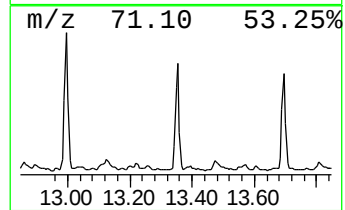
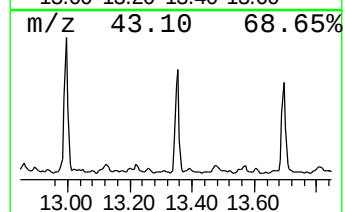
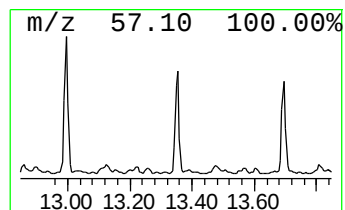
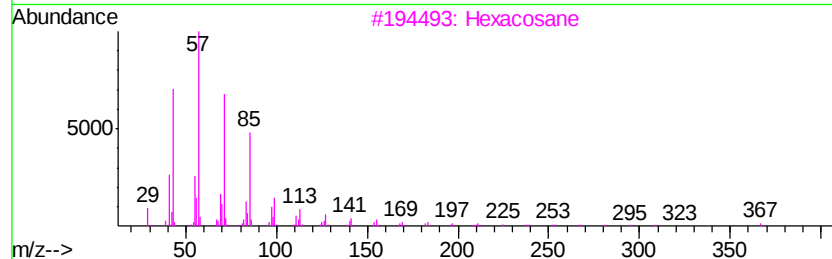
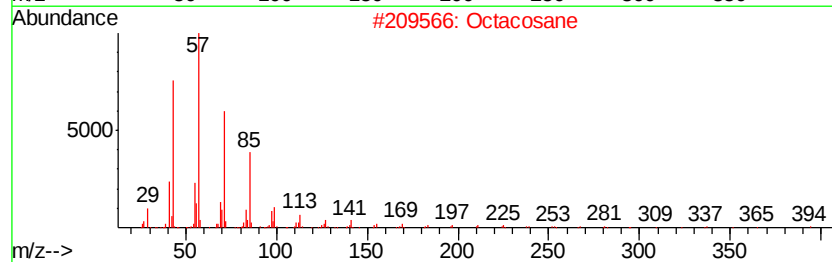
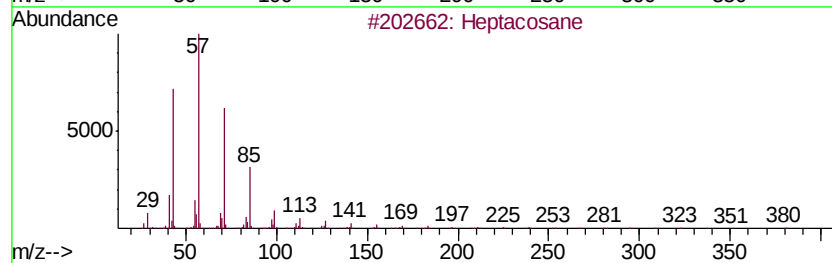
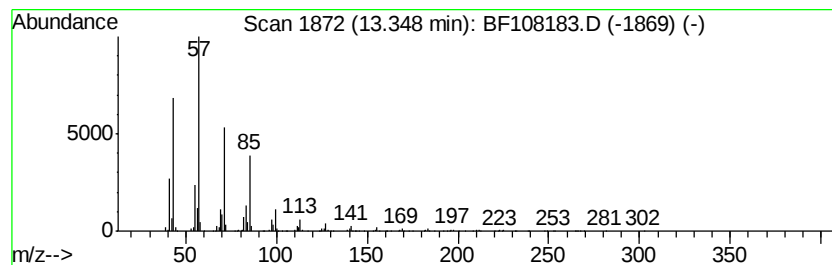
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	13.12 ng	748403	Chrysene-d12	14.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	91
2	Octacosane	394 C28H58	000630-02-4	91
3	Hexacosane	366 C26H54	000630-01-3	91
4	Pentacosane	352 C25H52	000629-99-2	90
5	Eicosane	282 C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
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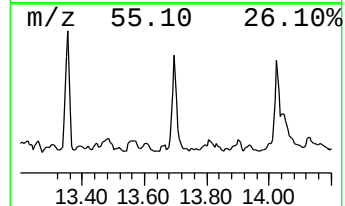
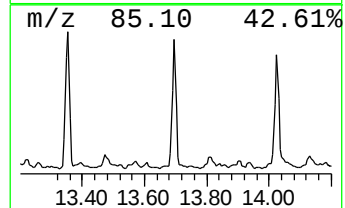
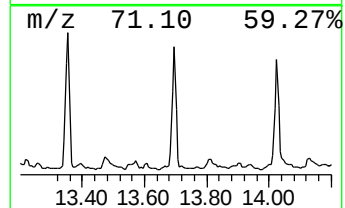
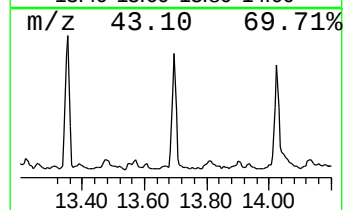
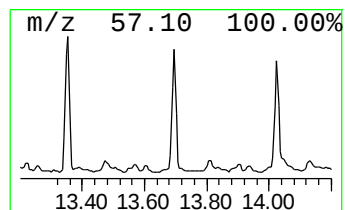
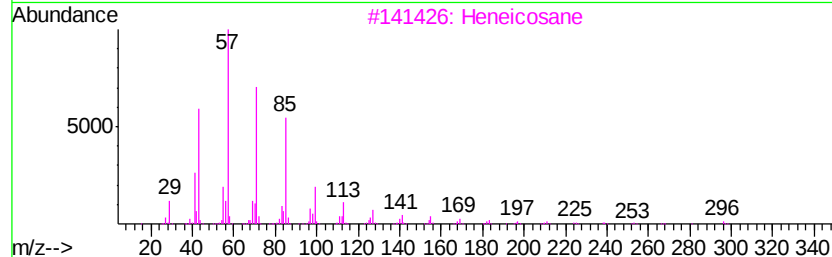
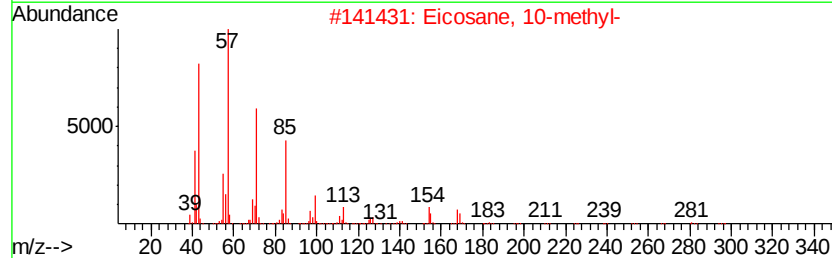
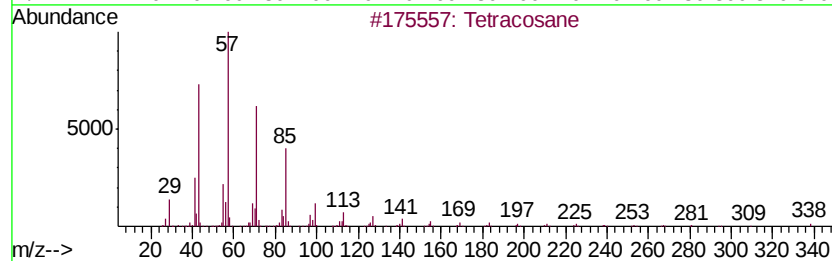
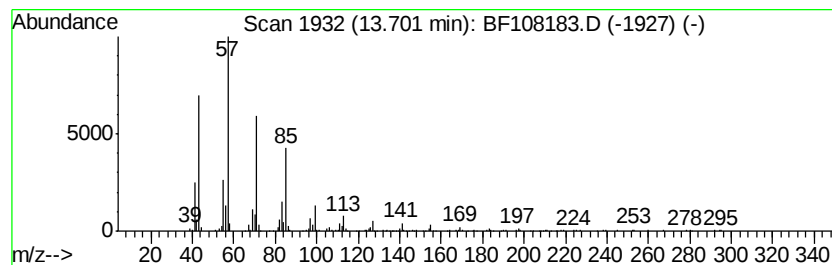
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane, 10-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	11.62 ng	662517	Chrysene-d12	14.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
Data File : BF108183.D
Acq On : 15 Aug 2018 23:24
Operator : JU/SJ
Sample : J3822-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NFB-BF-SS004-01

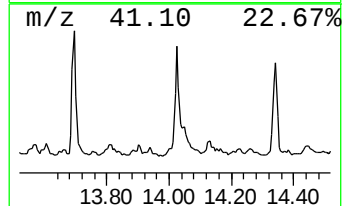
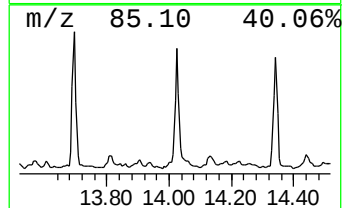
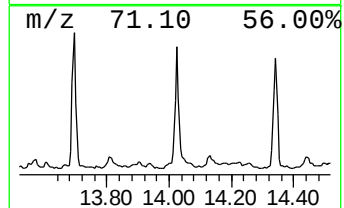
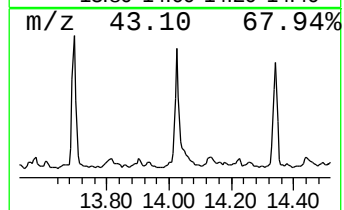
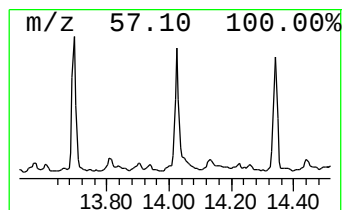
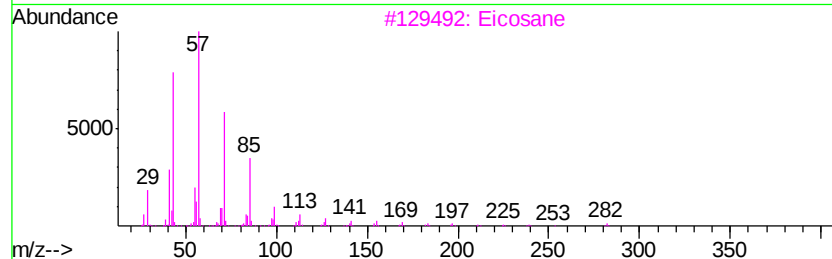
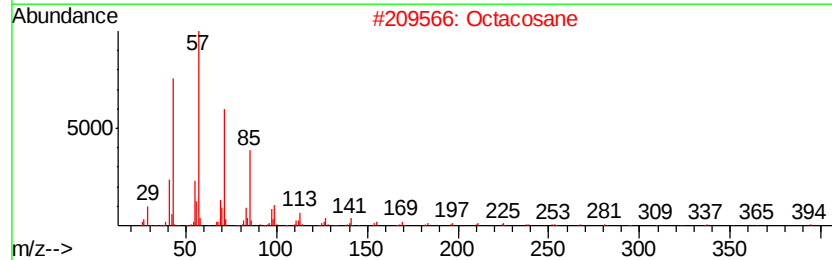
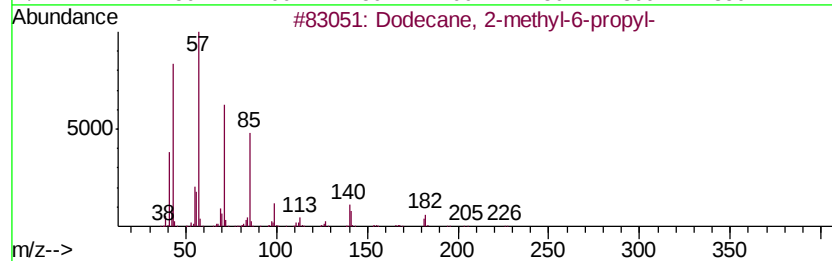
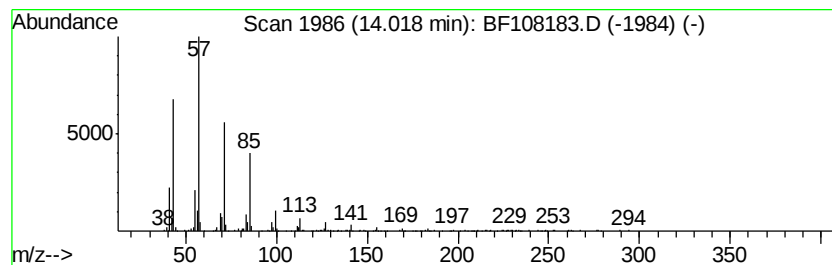
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	10.91 ng	622273	Chrysene-d12	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
Data File : BF108183.D
Acq On : 15 Aug 2018 23:24
Operator : JU/SJ
Sample : J3822-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS004-01

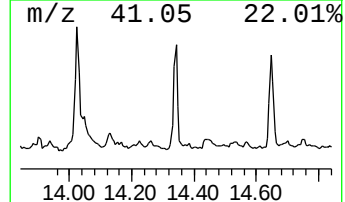
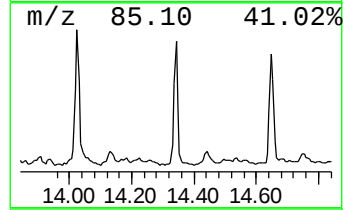
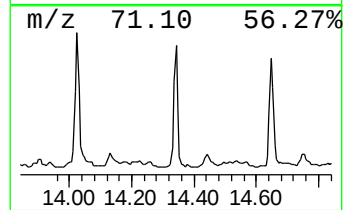
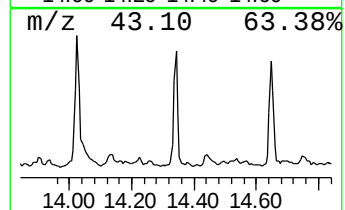
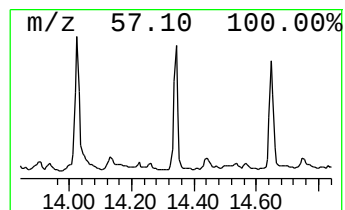
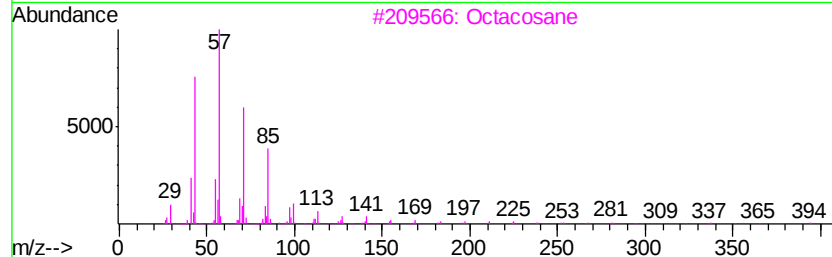
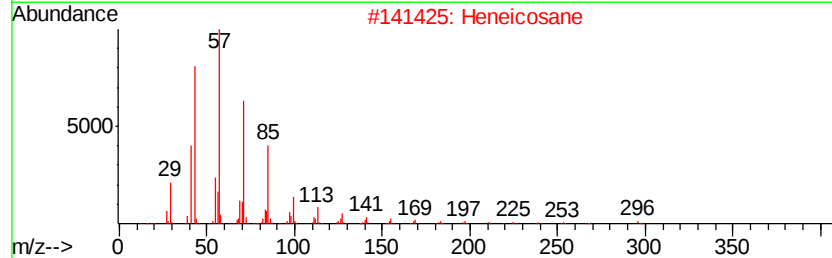
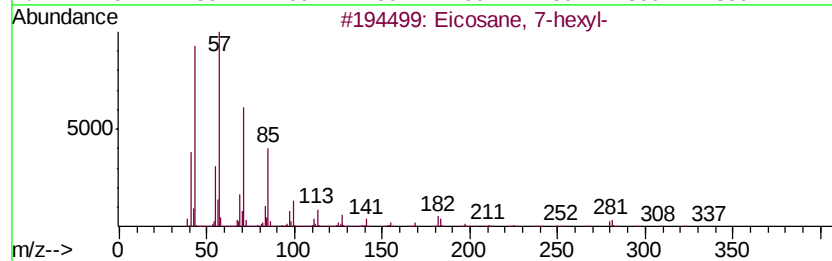
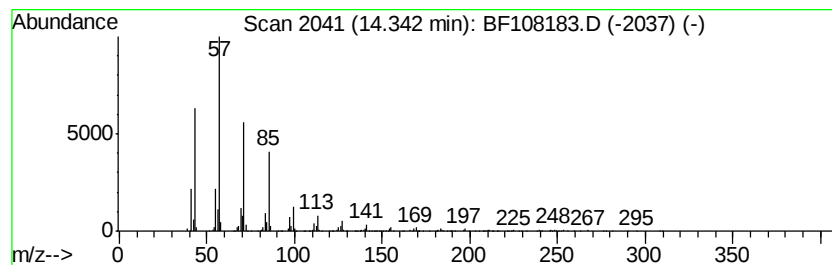
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane, 7-hexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	9.73 ng	554835	Chrysene-d12	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081518\
 Data File : BF108183.D
 Acq On : 15 Aug 2018 23:24
 Operator : JU/SJ
 Sample : J3822-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS004-01

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
Butane, 2-methoxy...	2.39	9.6 ng		619594	1	7.01	1288820	20.0
2-Pentanone, 4-hy...	5.27	15.8 ng		1019490	1	7.01	1288820	20.0
unknown6.79	6.79	76.2 ng		4912530	1	7.01	1288820	20.0
Octane, 4-ethyl-	6.84	8.8 ng		568419	1	7.01	1288820	20.0
Tridecane	8.87	15.5 ng		1243130	2	8.30	1608120	20.0
Tetradecane	9.44	20.8 ng		1551230	3	10.06	1491290	20.0
Pentadecane	9.97	23.4 ng		1746140	3	10.06	1491290	20.0
Hexadecane	10.47	25.6 ng		1910600	3	10.06	1491290	20.0
Heptadecane	10.95	29.7 ng		2355020	4	11.55	1584680	20.0
Octadecane	11.40	19.0 ng		1506230	4	11.55	1584680	20.0
Tetracosane	11.82	17.8 ng		1412490	4	11.55	1584680	20.0
Nonadecane, 9-met...	12.23	14.6 ng		1152500	4	11.55	1584680	20.0
Heneicosane	12.62	14.5 ng		1150180	4	11.55	1584680	20.0
Tridecane, 1-iodo-	13.00	14.0 ng		797898	5	14.21	1140620	20.0
Octacosane	13.35	13.1 ng		748403	5	14.21	1140620	20.0
Eicosane, 10-methyl-	13.70	11.6 ng		662517	5	14.21	1140620	20.0
Dodecane, 2-methy...	14.02	10.9 ng		622273	5	14.21	1140620	20.0
Eicosane, 7-hexyl-	14.34	9.7 ng		554835	5	14.21	1140620	20.0