

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107656.D
 Acq On : 25 Jul 2018 14:52
 Operator : JU/SJ
 Sample : J3821-07 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-A

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-BF072018.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	5.195	483	486	502	rVB	331509	404145	14.66%	0.766%
2	5.595	550	554	577	rBV	1729848	2505720	90.90%	4.748%
3	6.484	702	705	712	rBV4	96484	166896	6.05%	0.316%
4	6.595	721	724	737	rBV	1677044	2477385	89.87%	4.694%
5	6.695	737	741	744	rVB5	49032	69616	2.53%	0.132%
6	6.736	744	748	754	rBV	2419506	2512342	91.14%	4.760%
7	6.784	754	756	760	rVB	552970	460164	16.69%	0.872%
8	6.966	783	787	794	rBV	1212479	1393825	50.57%	2.641%
9	7.060	801	803	807	rVB2	68520	69618	2.53%	0.132%
10	7.119	810	813	821	rVB	1916670	1890315	68.58%	3.582%
11	7.225	826	831	834	rBV2	201673	220478	8.00%	0.418%
12	7.284	838	841	846	rVB2	228489	271411	9.85%	0.514%
13	7.331	846	849	851	rBV	186133	173614	6.30%	0.329%
14	7.354	851	853	855	rVB	122435	95803	3.48%	0.182%
15	7.378	855	857	862	rVB5	60631	85182	3.09%	0.161%
16	7.489	871	876	879	rBV3	215065	280413	10.17%	0.531%
17	7.531	879	883	884	rBV	1351122	1334135	48.40%	2.528%
18	7.601	893	895	898	rVB3	189968	172302	6.25%	0.326%
19	7.648	898	903	908	rVB4	125743	191188	6.94%	0.362%
20	7.725	914	916	919	rBV	146834	122936	4.46%	0.233%
21	7.766	919	923	928	rVB3	157337	273161	9.91%	0.518%
22	7.831	930	934	935	rBV3	75319	81511	2.96%	0.154%
23	7.854	935	938	940	rBV3	172553	127111	4.61%	0.241%
24	7.883	940	943	945	rBV3	117233	129579	4.70%	0.246%
25	7.913	945	948	951	rVB2	162829	196809	7.14%	0.373%
26	7.942	951	953	956	rBV	158825	149814	5.43%	0.284%
27	7.978	956	959	962	rBV	385092	319812	11.60%	0.606%
28	8.025	965	967	969	rVB	213557	144920	5.26%	0.275%
29	8.054	969	972	975	rVB3	138323	149227	5.41%	0.283%
30	8.107	979	981	984	rVB	159588	137231	4.98%	0.260%
31	8.136	984	986	989	rBV3	62076	74606	2.71%	0.141%
32	8.213	996	999	1002	rVV	1492340	1257300	45.61%	2.382%
33	8.248	1002	1005	1010	rVV	1734117	1795550	65.14%	3.402%
34	8.289	1010	1012	1015	rVB	690257	553786	20.09%	1.049%

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35	8.325	1015	1018	1024	rVB3	184245	261678	9.49%	0.496%
36	8.389	1026	1029	1032	rBV4	72548	109758	3.98%	0.208%
37	8.442	1035	1038	1043	rVB2	197166	203339	7.38%	0.385%
38	8.489	1043	1046	1049	rBV2	91755	114673	4.16%	0.217%
39	8.525	1049	1052	1057	rVB4	423404	539558	19.57%	1.022%
40	8.572	1057	1060	1063	rBV3	199675	217080	7.88%	0.411%
41	8.607	1063	1066	1068	rVV	270349	230805	8.37%	0.437%
42	8.648	1071	1073	1076	rVV	662068	526964	19.12%	0.998%
43	8.678	1076	1078	1081	rVB2	120883	104767	3.80%	0.199%
44	8.748	1087	1090	1092	rBV	241091	221709	8.04%	0.420%
45	8.825	1097	1103	1107	rVV	1490192	1448318	52.54%	2.744%
46	8.872	1107	1111	1115	rVV5	125647	317684	11.52%	0.602%
47	8.907	1115	1117	1123	rVB3	223168	309801	11.24%	0.587%
48	9.019	1133	1136	1138	rBV3	102332	119626	4.34%	0.227%
49	9.066	1141	1144	1148	rBV3	210361	226853	8.23%	0.430%
50	9.101	1148	1150	1152	rVV2	211806	191504	6.95%	0.363%
51	9.148	1155	1158	1161	rVB4	214374	274194	9.95%	0.520%
52	9.183	1161	1164	1167	rBV	334124	314379	11.41%	0.596%
53	9.225	1169	1171	1173	rVV	180640	131792	4.78%	0.250%
54	9.254	1173	1176	1178	rVB	428758	337090	12.23%	0.639%
55	9.319	1183	1187	1195	rBV	2414535	2510965	91.09%	4.758%
56	9.389	1195	1199	1204	rVV	1180753	1154426	41.88%	2.187%
57	9.430	1204	1206	1208	rVV	133432	135819	4.93%	0.257%
58	9.466	1210	1212	1215	rVB3	132361	127295	4.62%	0.241%
59	9.642	1237	1242	1244	rVV4	125854	171334	6.22%	0.325%
60	9.666	1244	1246	1249	rVV3	112873	128041	4.65%	0.243%
61	9.713	1249	1254	1261	rVV2	741961	1056250	38.32%	2.001%
62	9.766	1261	1263	1267	rVB2	108374	85718	3.11%	0.162%
63	9.919	1286	1289	1293	rVV	758971	612892	22.23%	1.161%
64	9.954	1293	1295	1298	rVV2	61598	72389	2.63%	0.137%
65	9.983	1298	1300	1301	rVV2	82724	74493	2.70%	0.141%
66	10.007	1301	1304	1317	rVB	1821211	1869740	67.83%	3.543%
67	10.148	1325	1328	1331	rBV4	52336	74762	2.71%	0.142%
68	10.177	1331	1333	1335	rVV	80804	62808	2.28%	0.119%
69	10.236	1341	1343	1348	rVV3	103531	124981	4.53%	0.237%
70	10.319	1354	1357	1360	rBV4	49992	67757	2.46%	0.128%
71	10.419	1370	1374	1377	rBV	434840	354141	12.85%	0.671%

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72	10.636	1406	1411	1414	rBV	167391	183378	6.65%	0.347%
73	10.801	1435	1439	1452	rBV	1384064	1666486	60.46%	3.157%
74	10.889	1452	1454	1465	rVB	299942	431572	15.66%	0.818%
75	11.342	1528	1531	1533	rBV	191721	163070	5.92%	0.309%
76	11.371	1533	1536	1544	rVB3	98306	123714	4.49%	0.234%
77	11.501	1554	1558	1561	rBV	1539971	1547167	56.13%	2.931%
78	11.713	1591	1594	1598	rVV2	50698	77235	2.80%	0.146%
79	11.766	1600	1603	1606	rVV	163527	147041	5.33%	0.279%
80	11.871	1618	1621	1626	rBV	1402800	1121383	40.68%	2.125%
81	12.007	1641	1644	1652	rBV2	366353	450998	16.36%	0.855%
82	12.177	1670	1673	1676	rBV	136313	124438	4.51%	0.236%
83	12.254	1684	1686	1689	rBV	91869	76136	2.76%	0.144%
84	12.560	1734	1738	1739	rBV2	707933	592122	21.48%	1.122%
85	12.583	1739	1742	1750	rVV	2851658	2756491	100.00%	5.223%
86	12.666	1753	1756	1760	rVB	707976	588440	21.35%	1.115%
87	12.718	1761	1765	1774	rBV	579719	644742	23.39%	1.222%
88	12.948	1799	1804	1810	rBV2	373009	540791	19.62%	1.025%
89	13.083	1823	1827	1836	rBV	1936241	1818545	65.97%	3.446%
90	13.636	1919	1921	1927	rBV	107243	92372	3.35%	0.175%
91	13.824	1950	1953	1959	rVB6	105303	160403	5.82%	0.304%
92	13.965	1975	1977	1981	rVB	183944	172066	6.24%	0.326%
93	14.060	1991	1993	1998	rBV5	58899	92947	3.37%	0.176%
94	14.154	2004	2009	2012	rBV	1276131	1578348	57.26%	2.990%
95	14.283	2028	2031	2034	rBV	129275	121863	4.42%	0.231%
96	14.589	2081	2083	2090	rVB	129942	133899	4.86%	0.254%
97	14.907	2135	2137	2141	rVB	117482	122782	4.45%	0.233%
98	14.989	2148	2151	2155	rVB	453855	485830	17.62%	0.921%
99	15.618	2255	2258	2263	rVB2	117506	166734	6.05%	0.316%
100	15.683	2264	2269	2285	rVB	796951	1424632	51.68%	2.699%

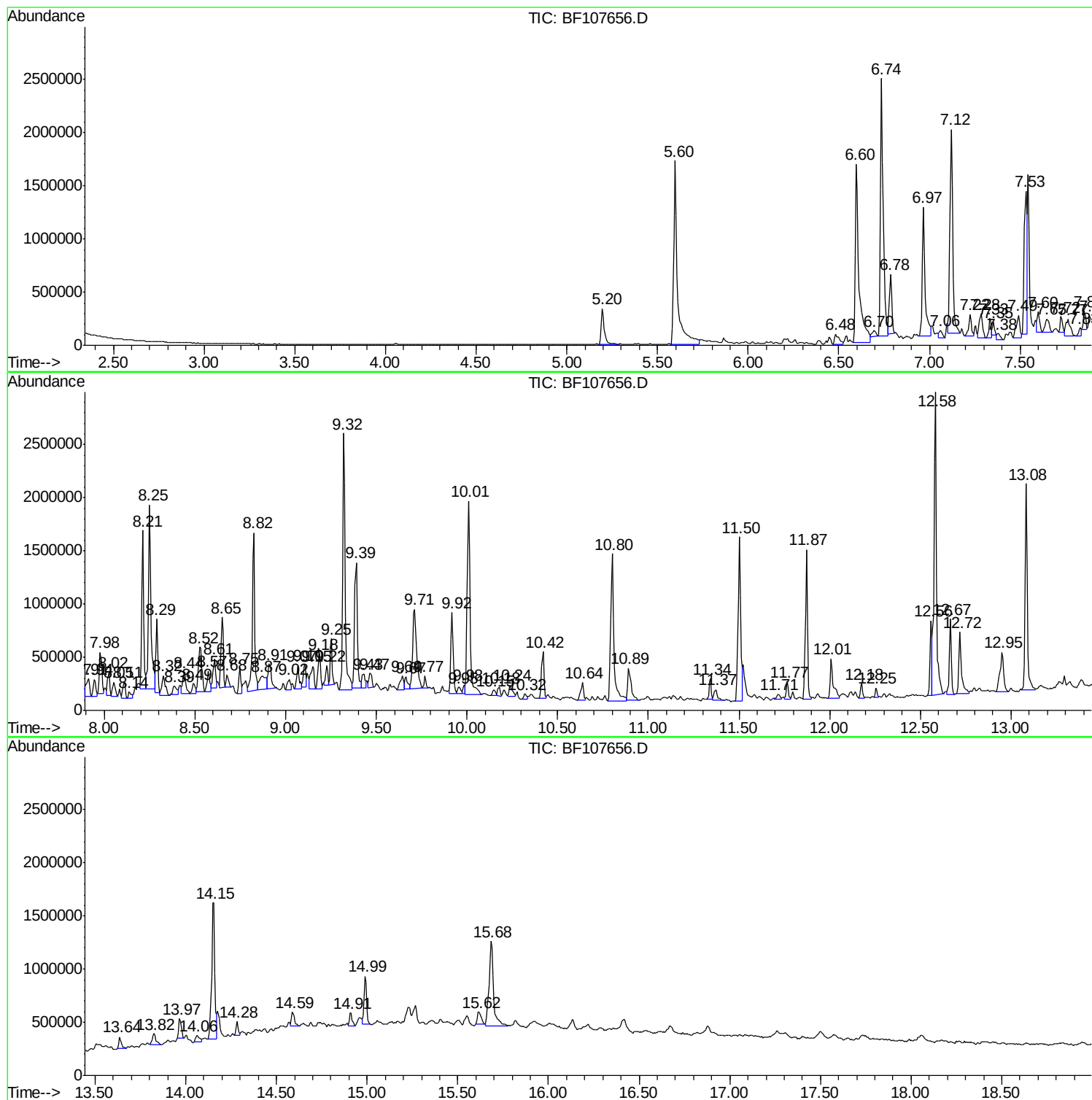
Sum of corrected areas: 52778913

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Instrument :
BNA_F
Client Sampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.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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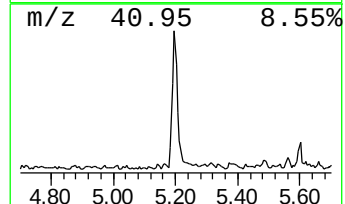
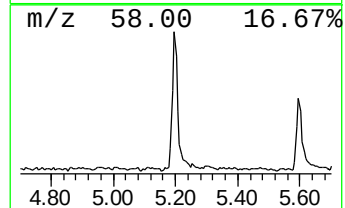
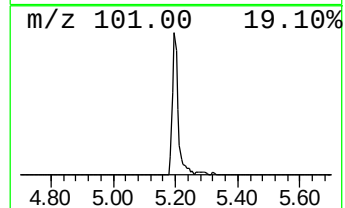
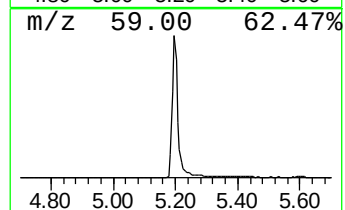
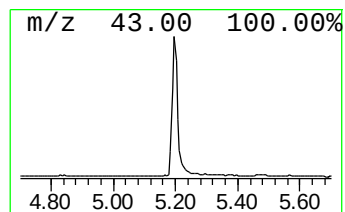
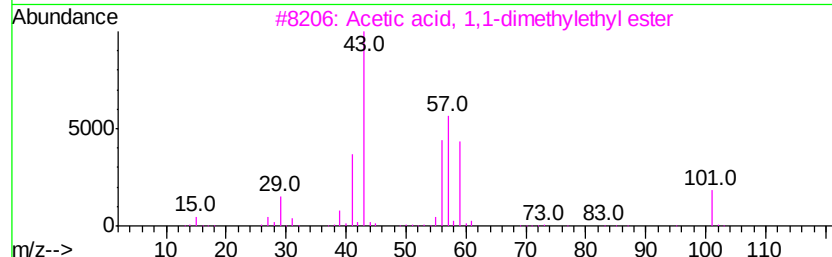
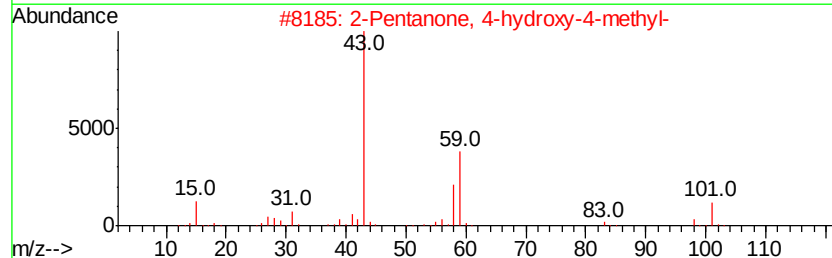
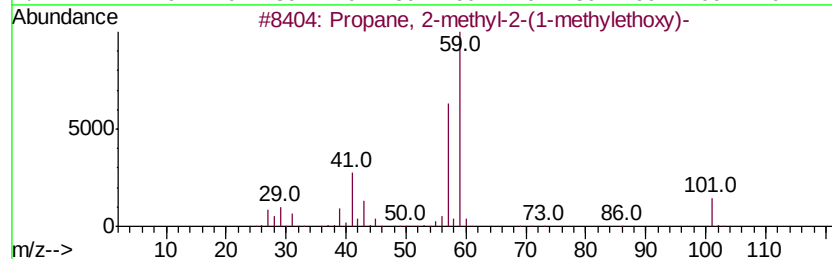
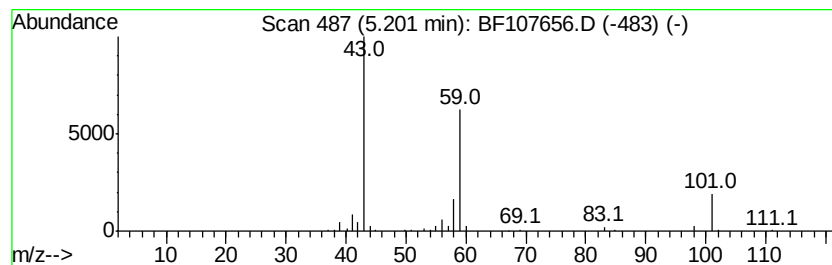
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	5.80 ng	404145	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4		3-Octanol	130	C8H18O	000589-98-0	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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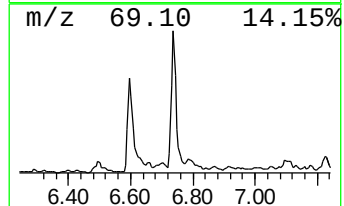
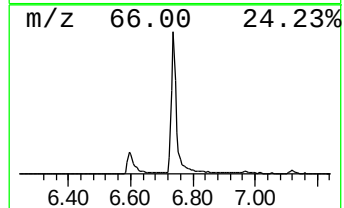
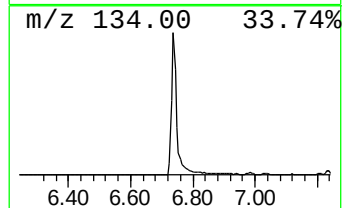
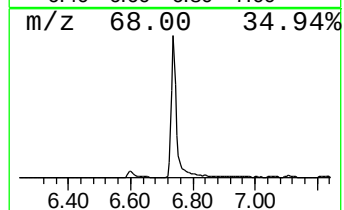
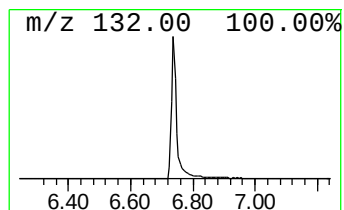
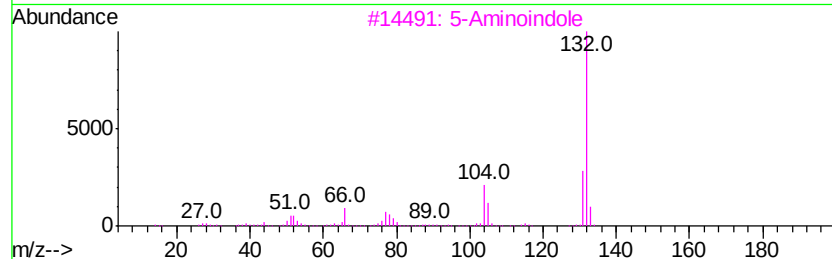
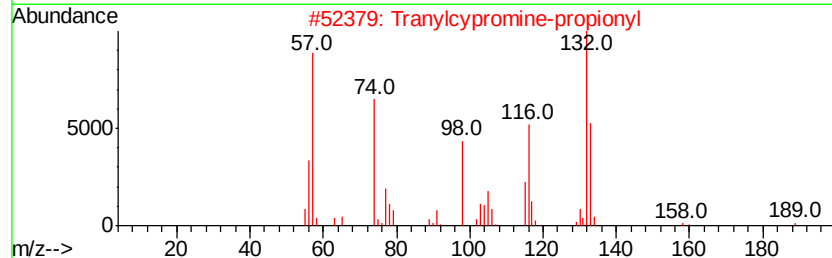
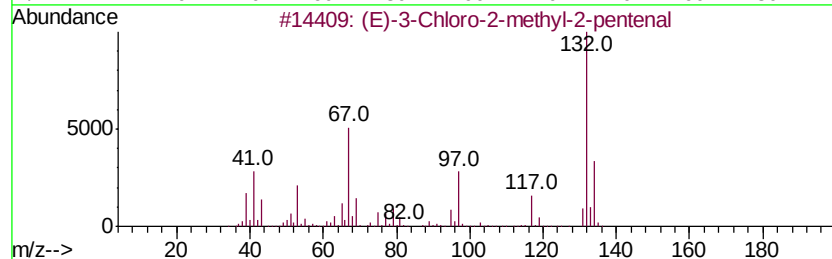
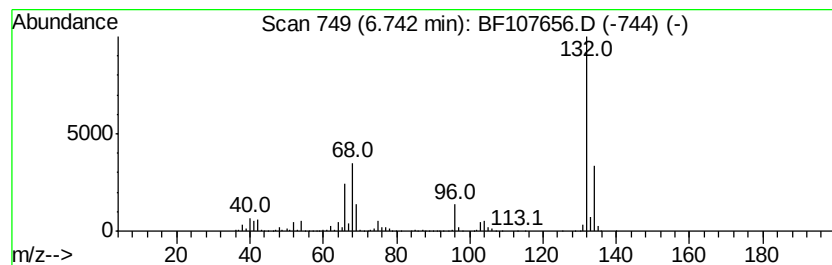
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Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	36.05 ng	2512340	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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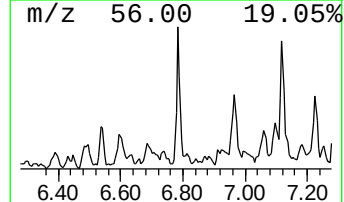
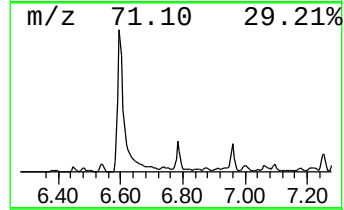
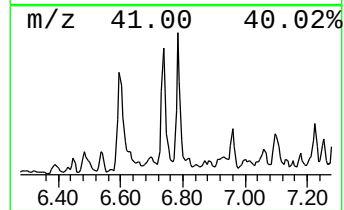
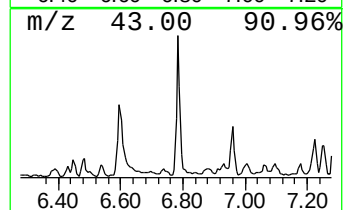
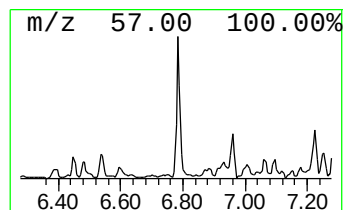
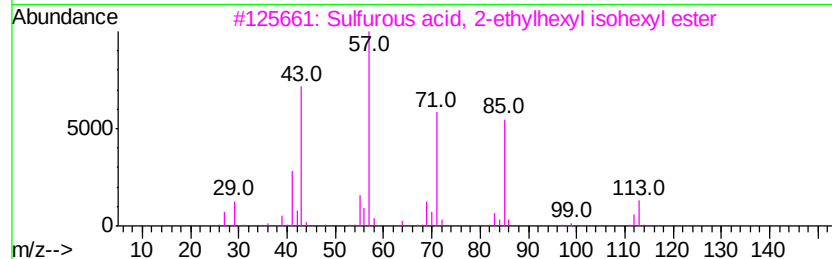
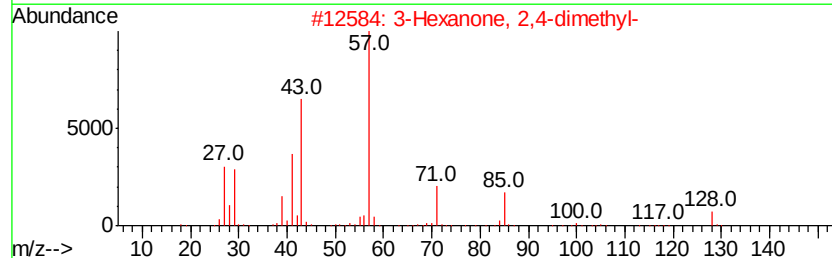
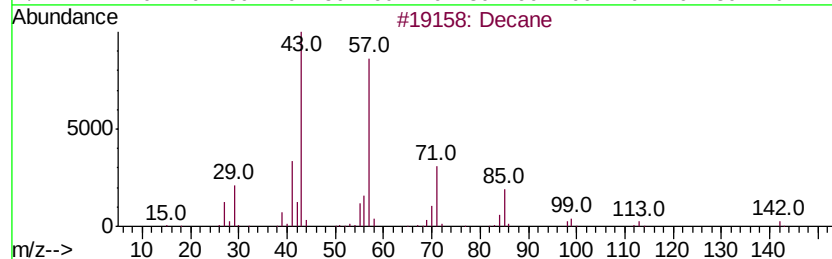
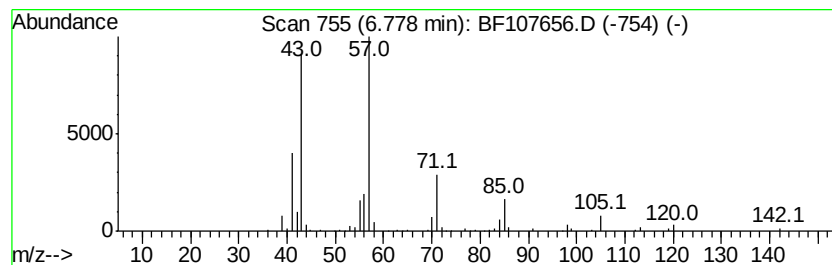
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Peak Number 3 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.78	6.60 ng	460164	1,4-Dichlorobenzene-d4	6.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	72
2	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	64
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	59
5	Octane	114	C8H18	000111-65-9	53



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Operator : JU/SJ
Sample : J3821-07 2X
Misc :
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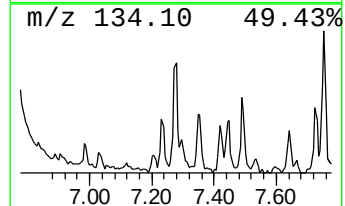
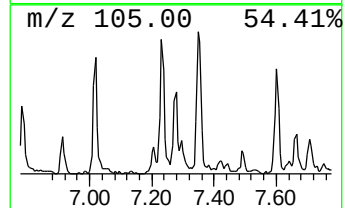
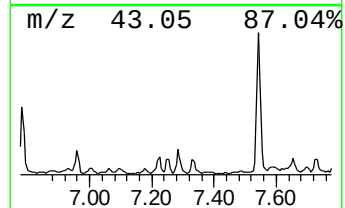
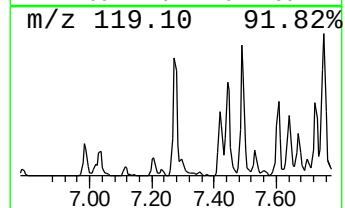
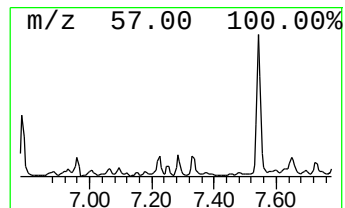
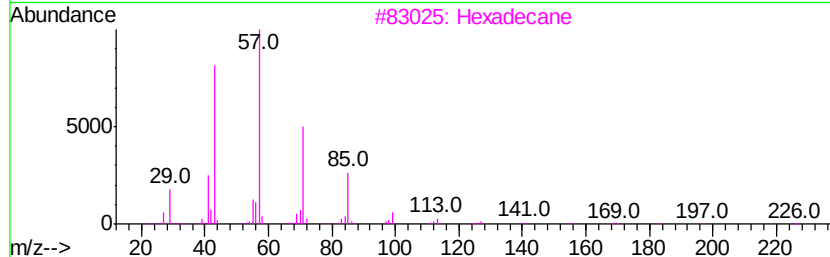
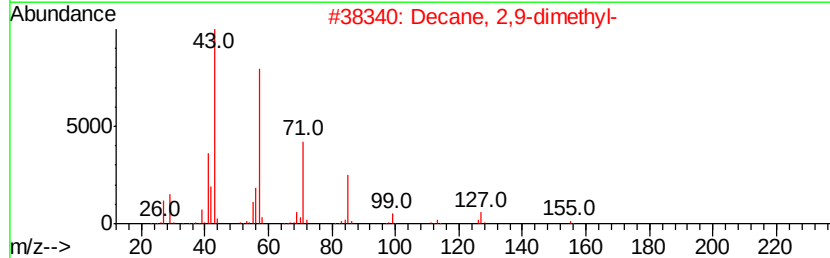
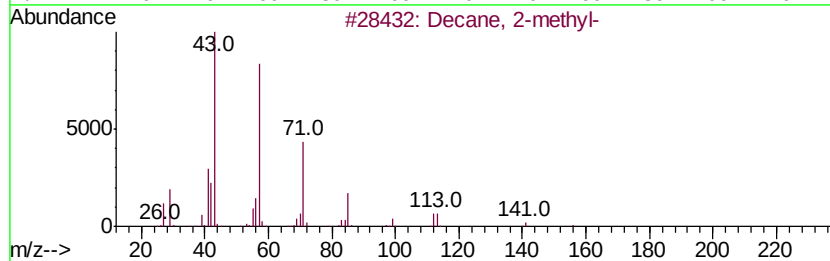
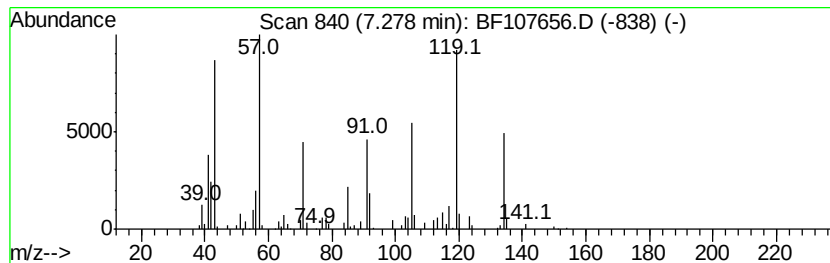
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	3.89 ng	271411	1,4-Dichlorobenzene-d4	6.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-		156	C11H24	006975-98-0	83
2	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	78
3	Hexadecane		226	C16H34	000544-76-3	72
4	Octane, 2-methyl-		128	C9H20	003221-61-2	64
5	Octacosane		394	C28H58	000630-02-4	59



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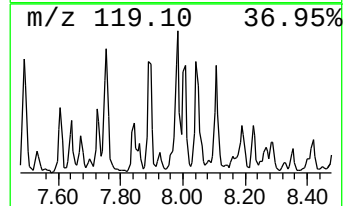
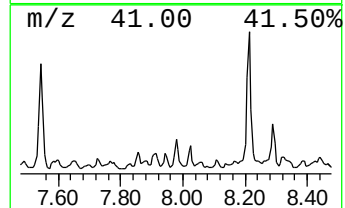
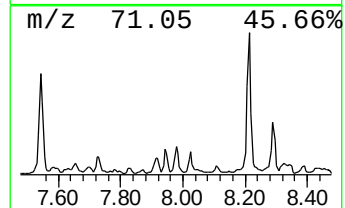
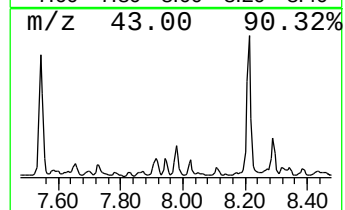
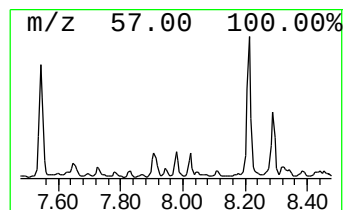
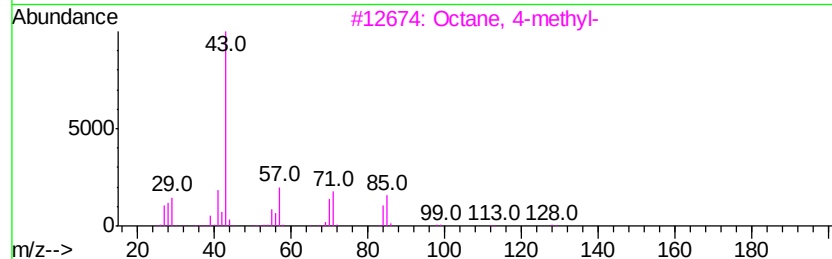
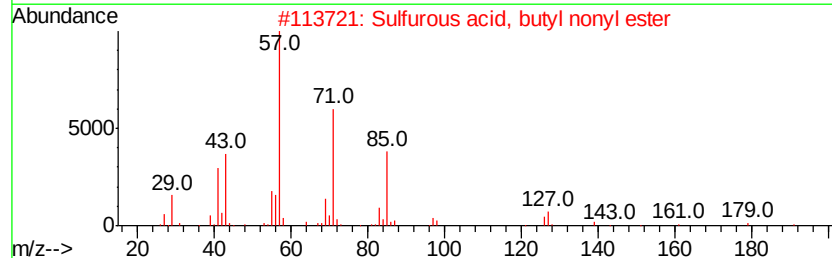
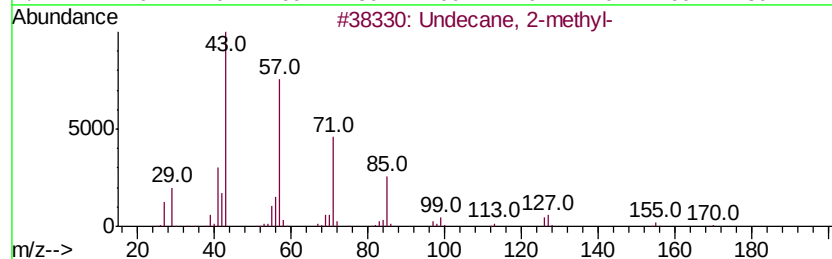
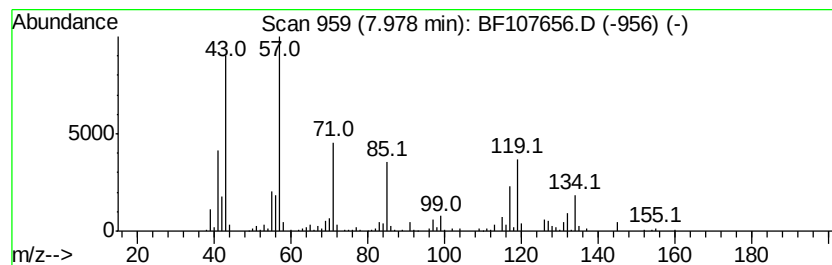
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown7.98 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	3.56 ng	319812	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	43
2		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
3		Octane, 4-methyl-	128	C9H20	002216-34-4	38
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107656.D
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Sample : J3821-07 2X
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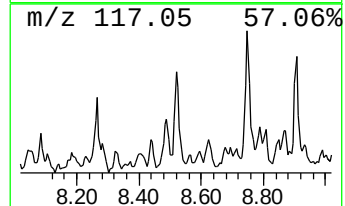
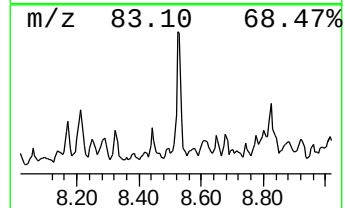
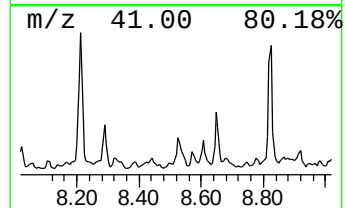
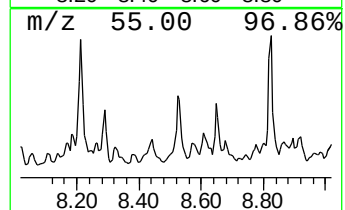
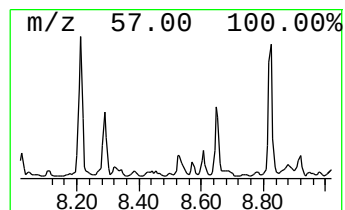
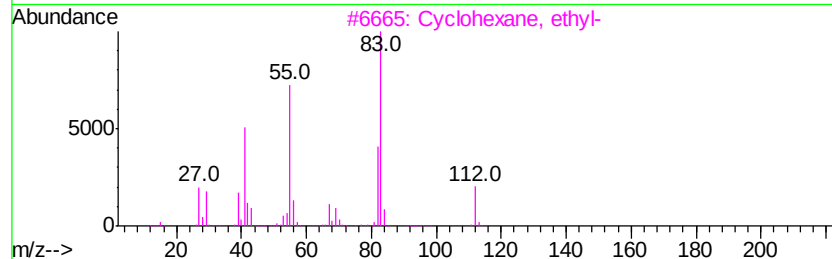
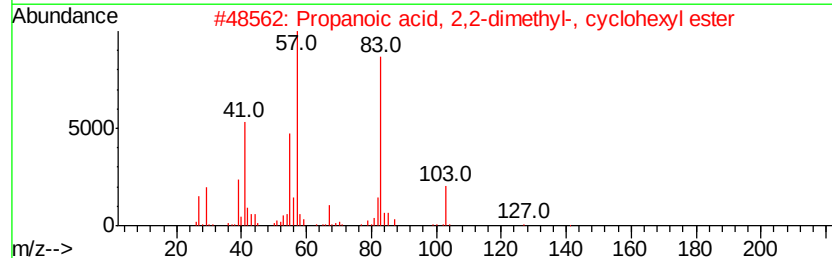
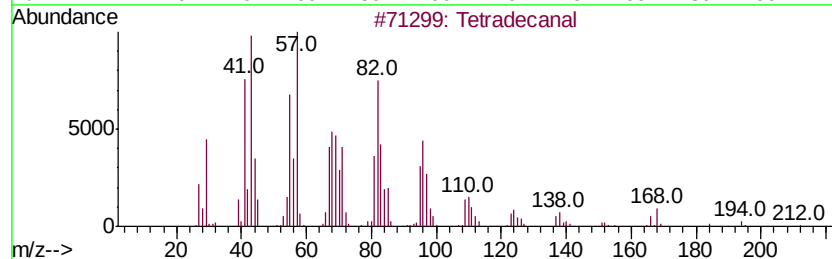
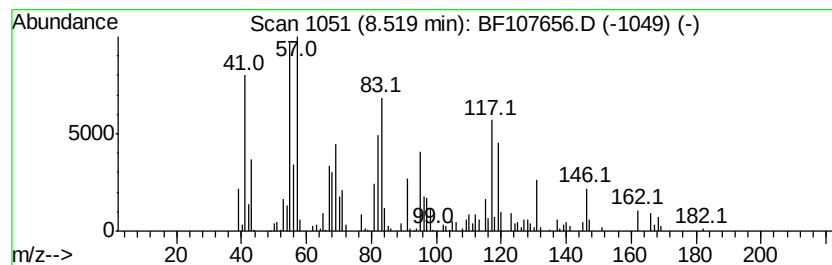
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.52 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.52	6.01 ng	539558	Napthalene-d8	8.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	35
2	Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	27
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	27
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	25
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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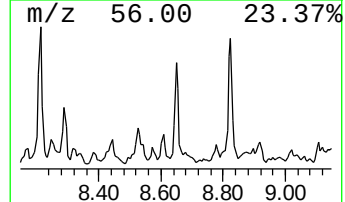
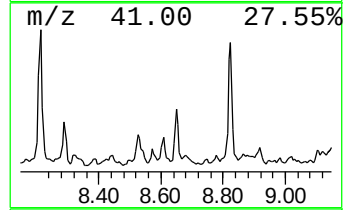
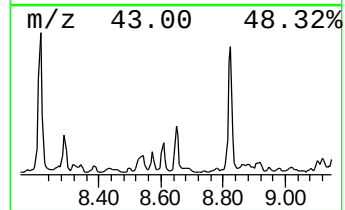
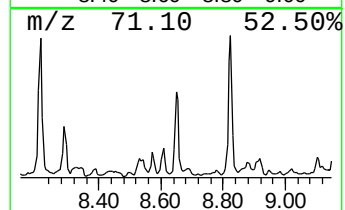
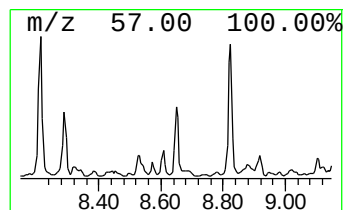
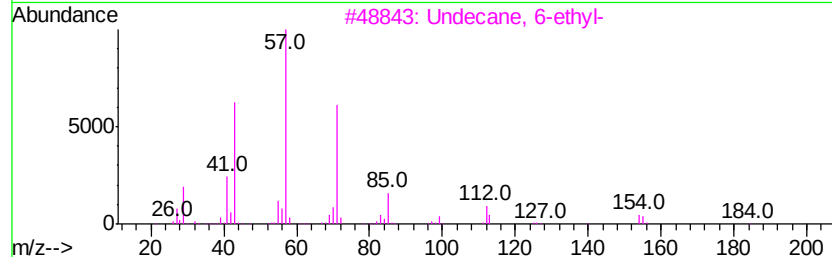
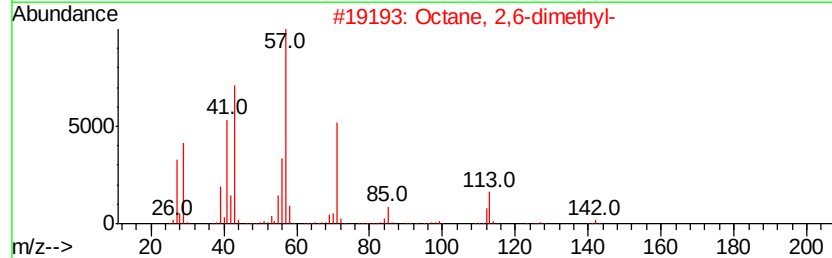
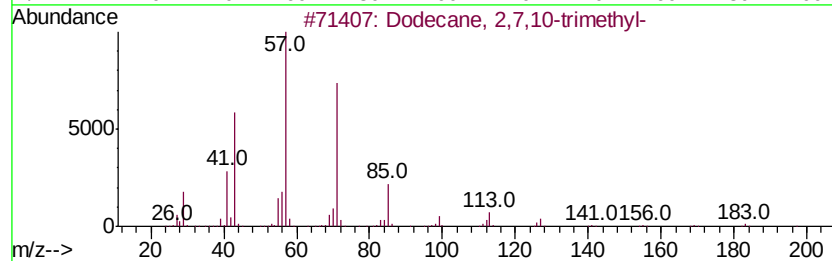
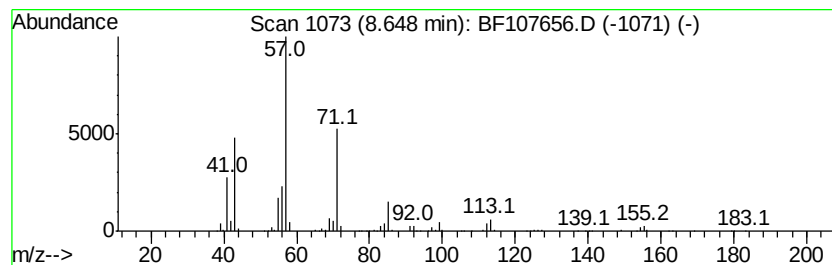
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	5.87 ng	526964	Napthalene-d8	8.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	83
2	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	72
3	Undecane, 6-ethyl-	184 C13H28	017312-60-6	64
4	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	64
5	Nonane, 3-methyl-	142 C10H22	005911-04-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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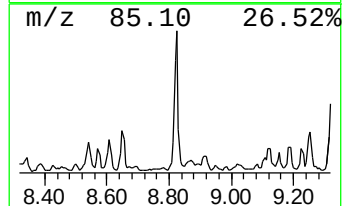
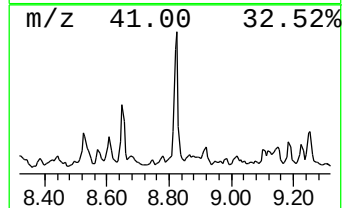
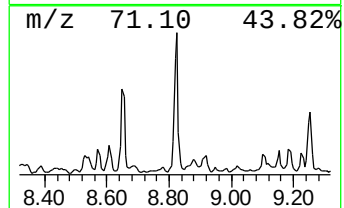
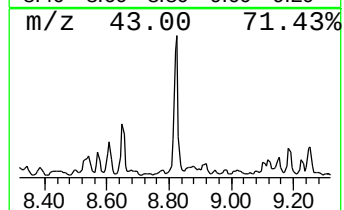
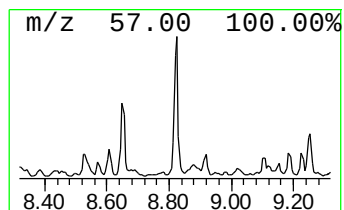
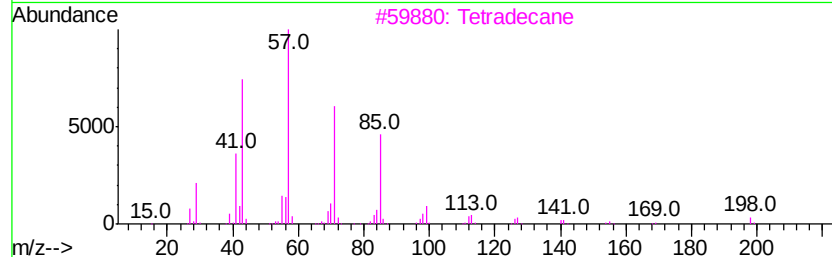
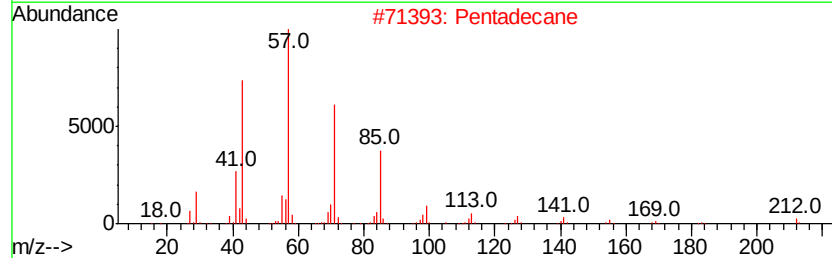
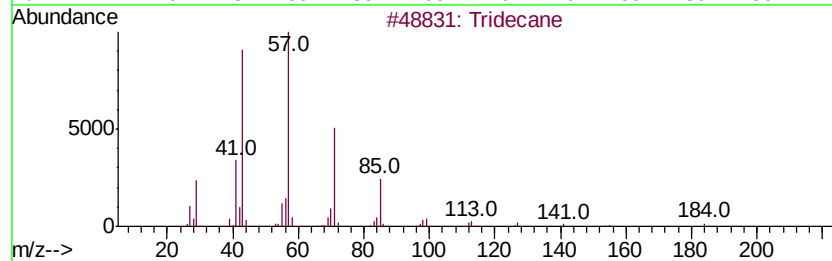
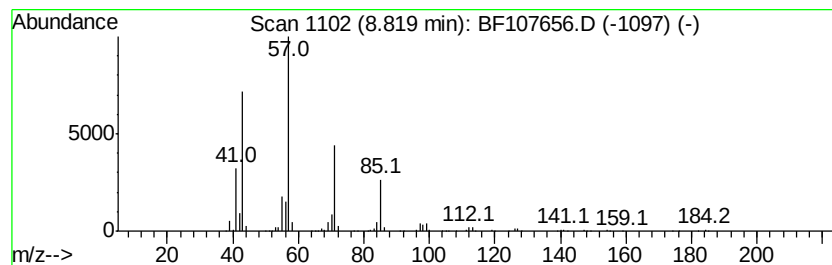
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	16.13 ng	1448320	Napthalene-d8	8.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Pentadecane		212	C15H32	000629-62-9	86
3	Tetradecane		198	C14H30	000629-59-4	86
4	Dodecane		170	C12H26	000112-40-3	86
5	Hexadecane		226	C16H34	000544-76-3	80



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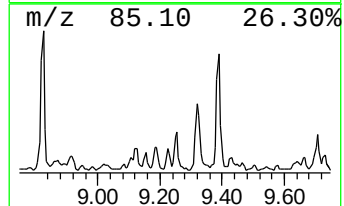
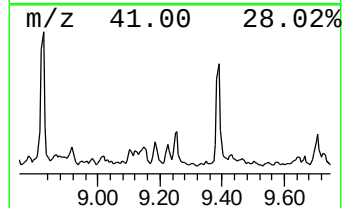
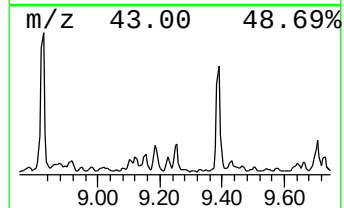
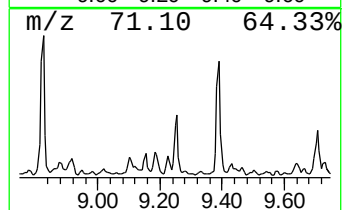
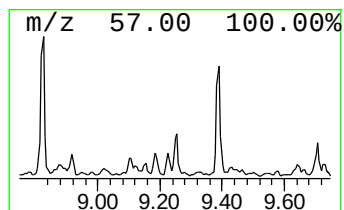
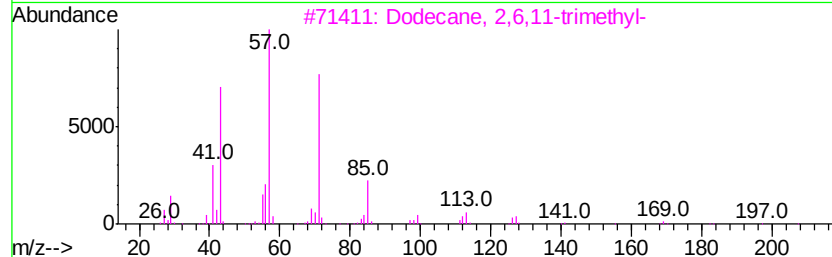
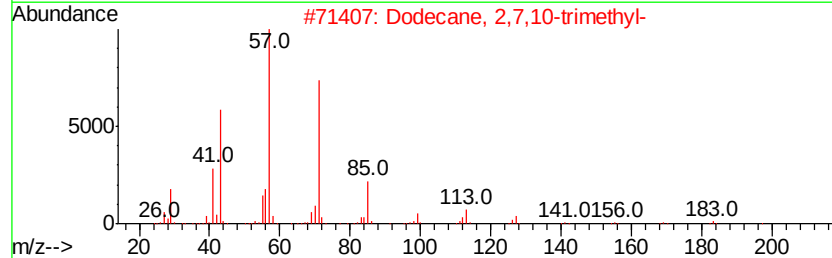
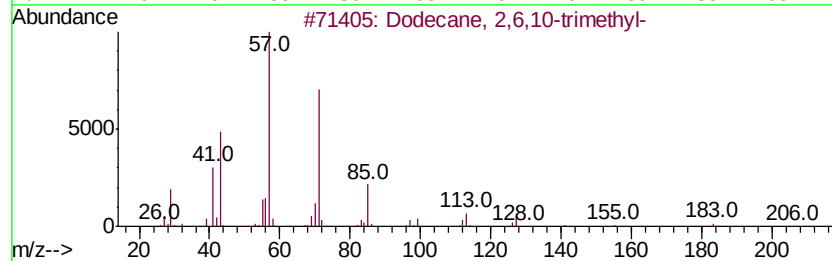
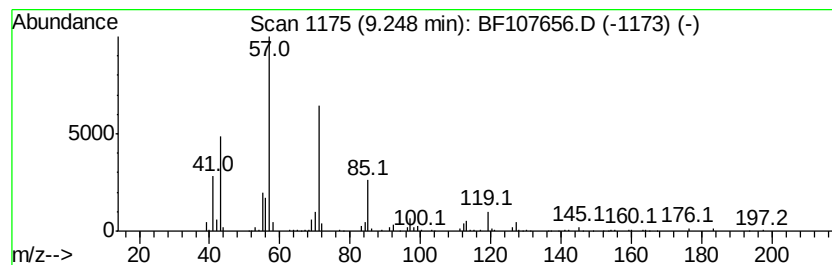
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	3.61 ng	337090	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



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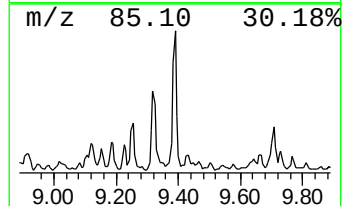
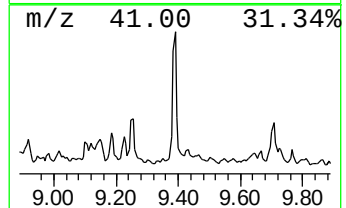
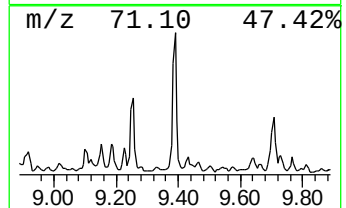
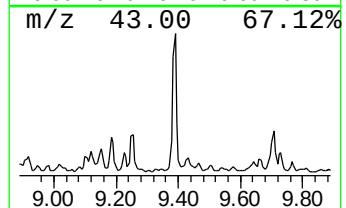
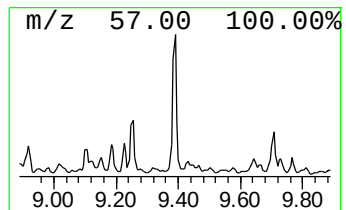
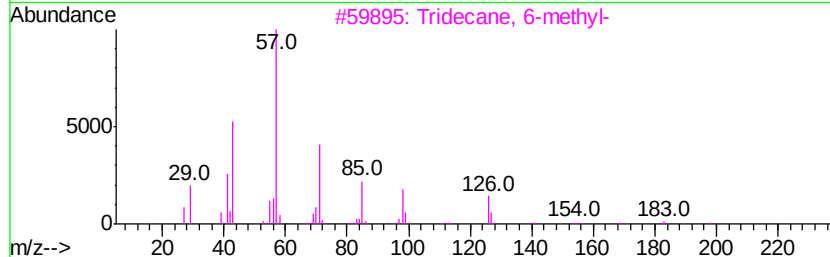
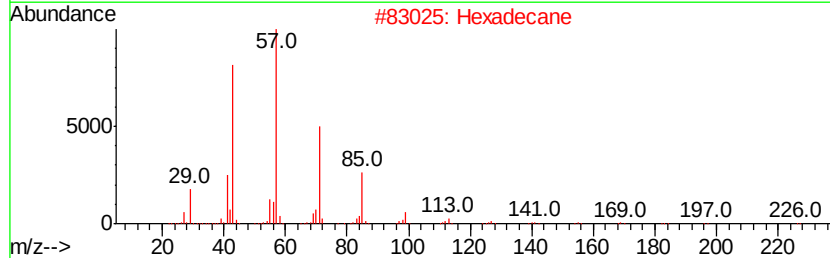
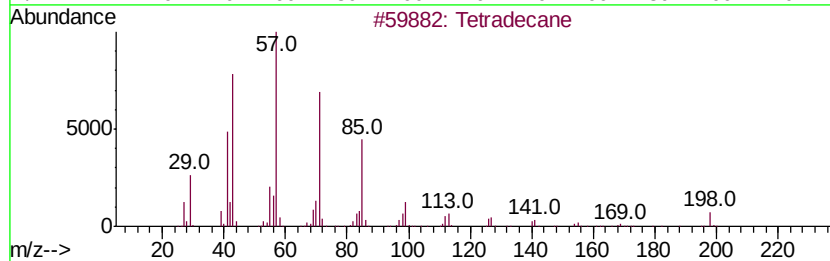
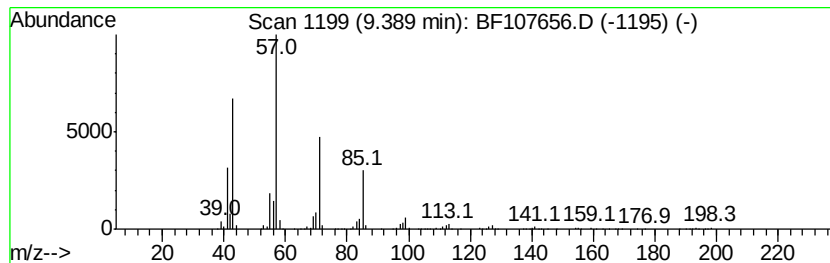
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	12.35 ng	1154430	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
4		Dodecane	170	C12H26	000112-40-3	83
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107656.D
Acq On : 25 Jul 2018 14:52
Operator : JU/SJ
Sample : J3821-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-A

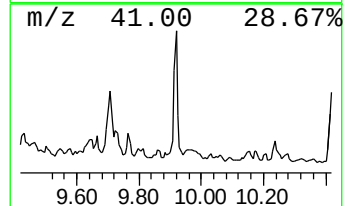
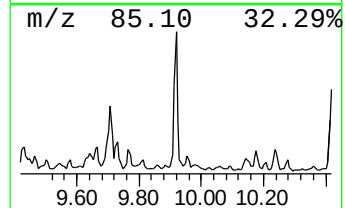
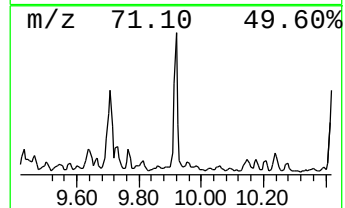
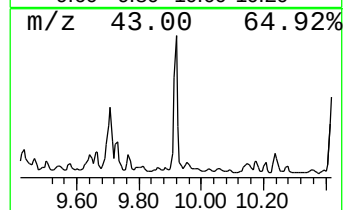
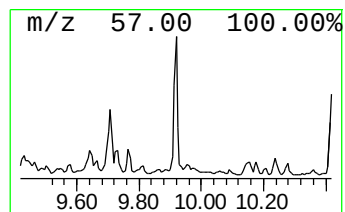
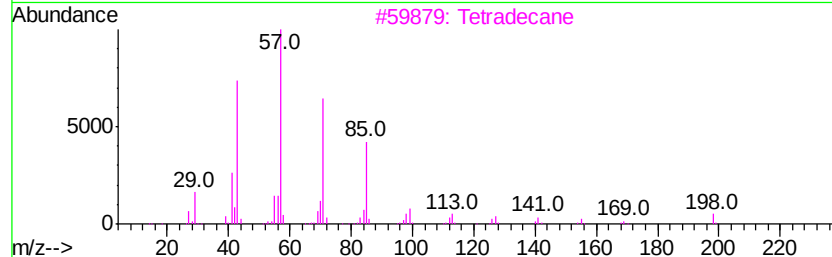
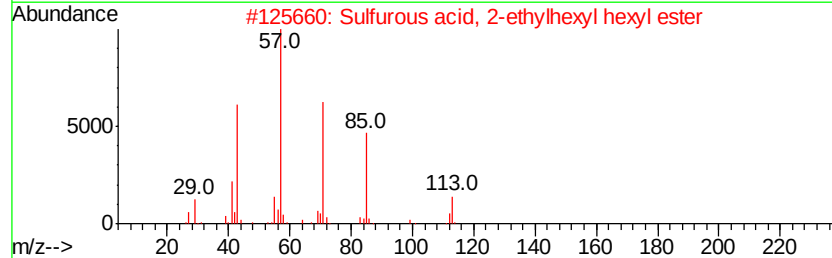
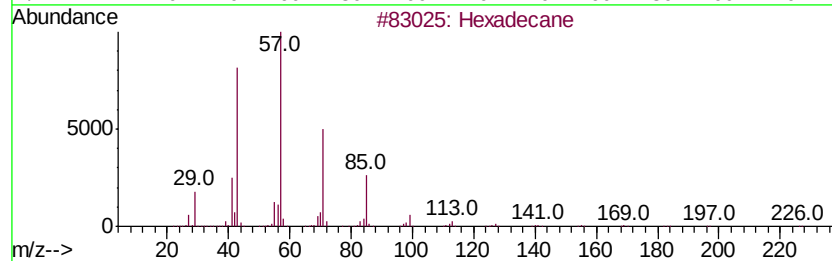
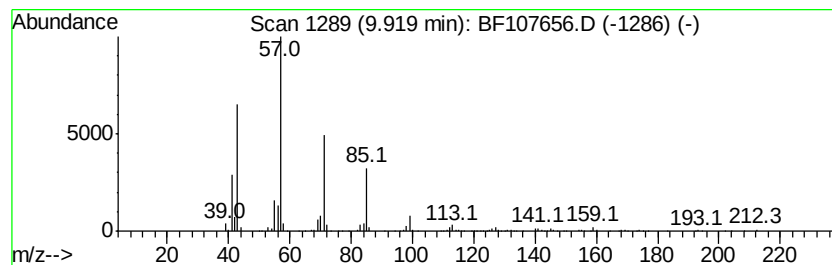
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Sulfurous acid, 2-ethylhexy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.56 ng	612892	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
3			Tetradecane	198	C14H30	000629-59-4	72
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53



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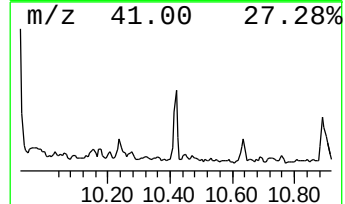
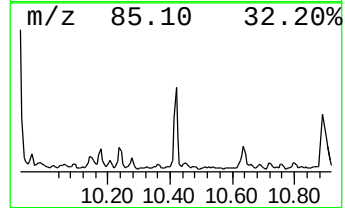
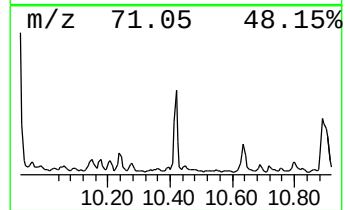
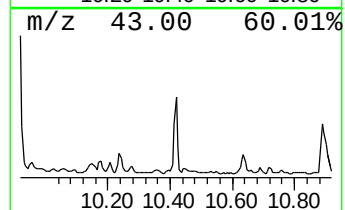
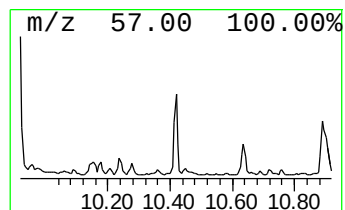
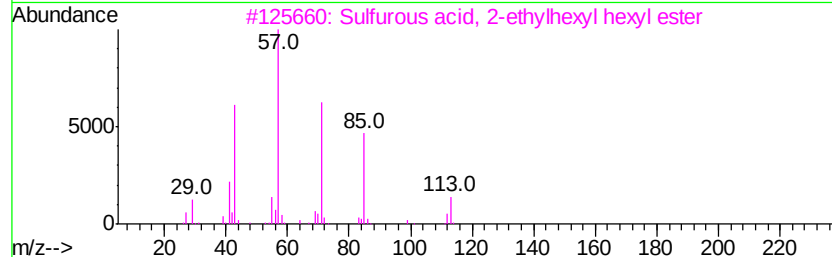
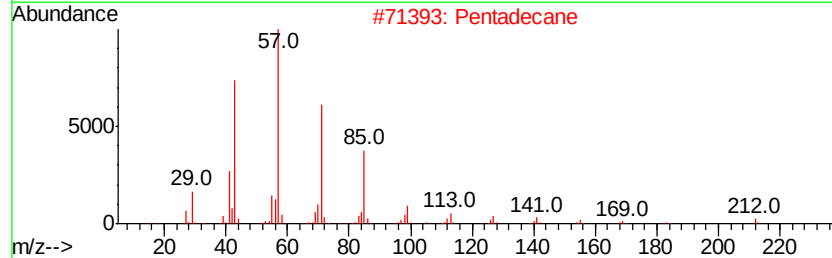
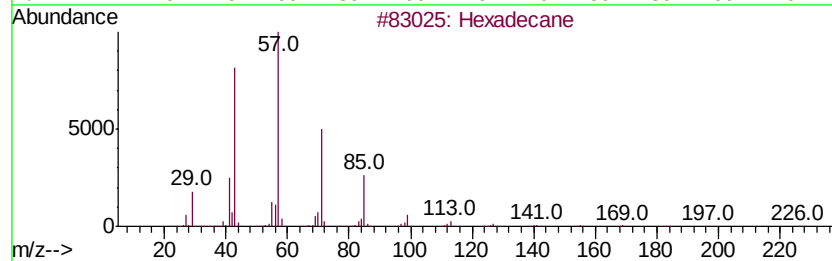
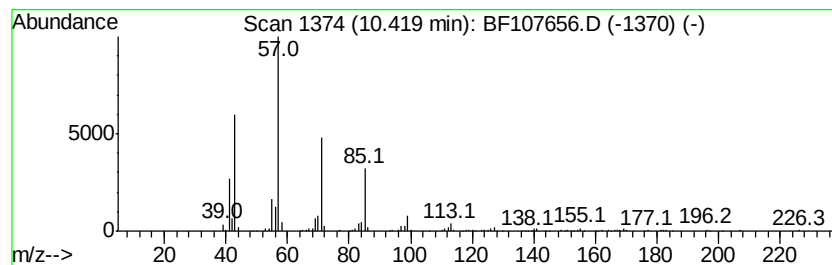
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.79 ng	354141	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Pentadecane	212	C15H32	000629-62-9	80
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4		Tridecane	184	C13H28	000629-50-5	80
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107656.D
Acq On : 25 Jul 2018 14:52
Operator : JU/SJ
Sample : J3821-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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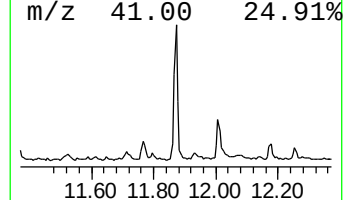
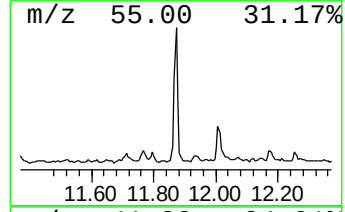
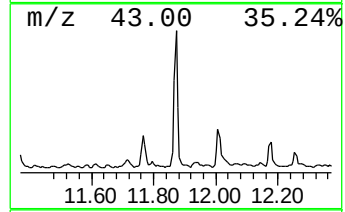
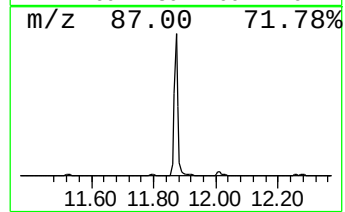
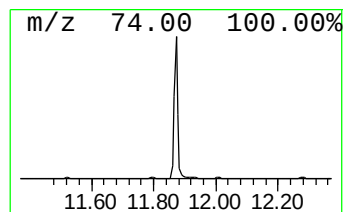
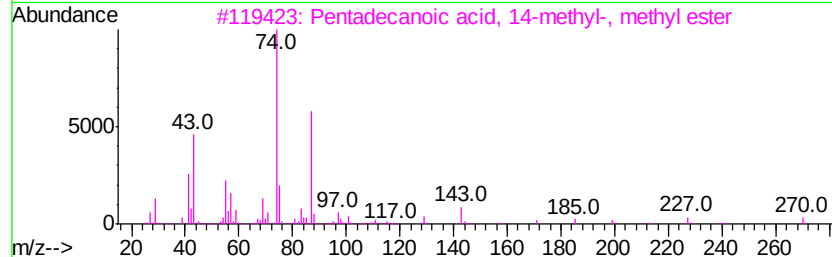
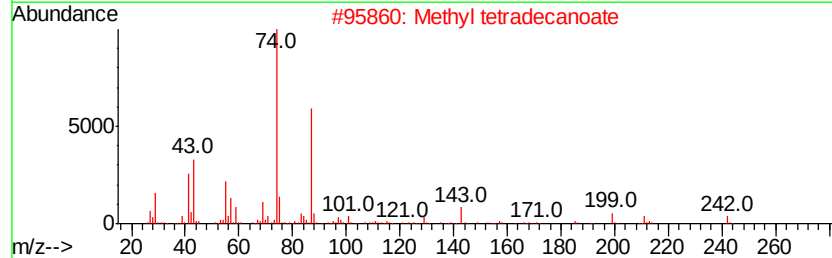
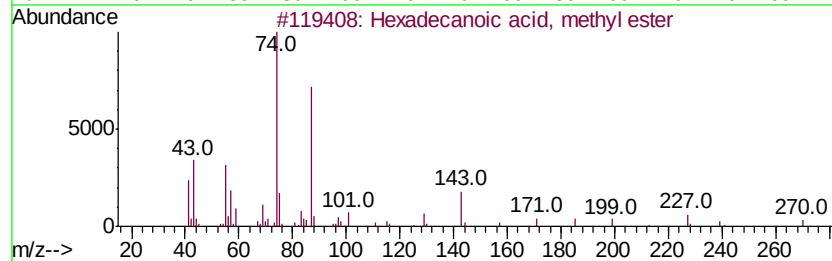
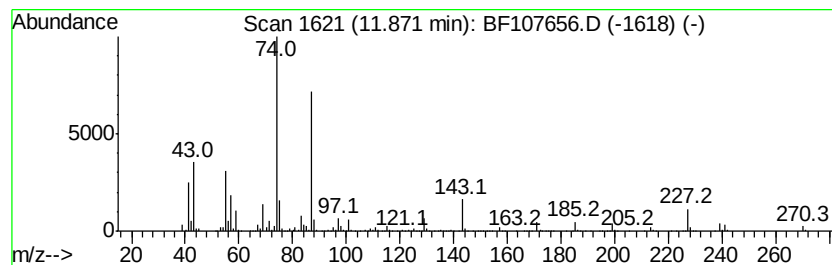
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	14.50 ng	1121380	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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Operator : JU/SJ
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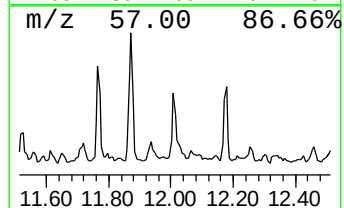
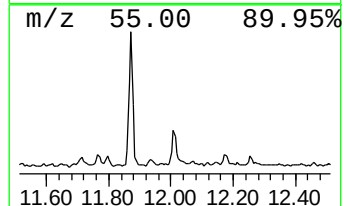
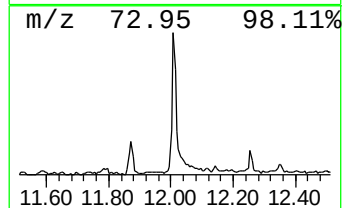
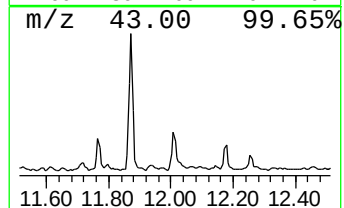
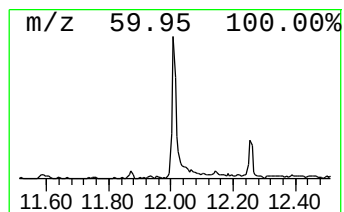
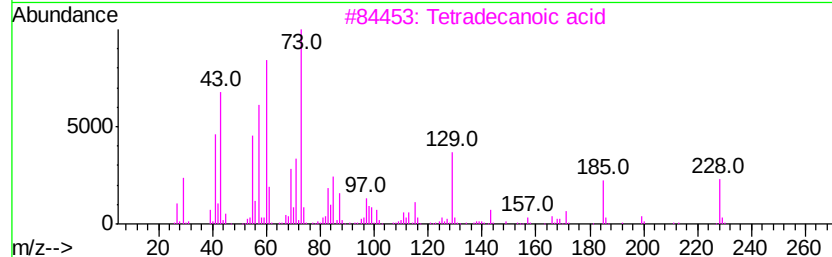
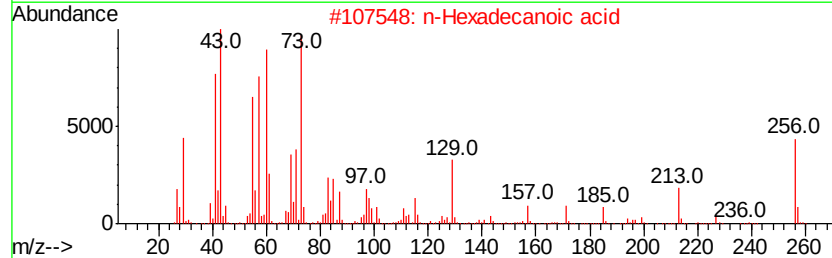
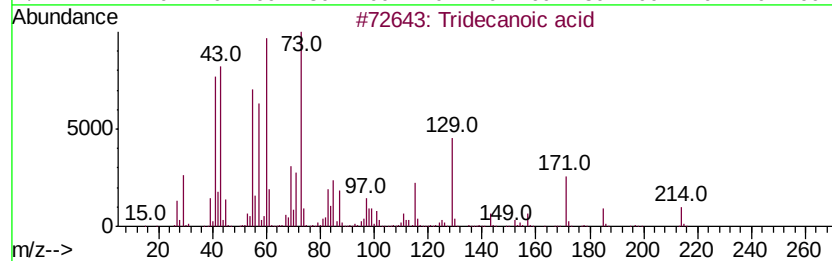
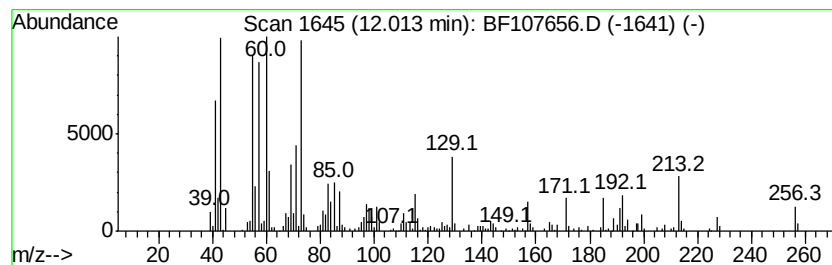
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.83 ng	450998	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	89
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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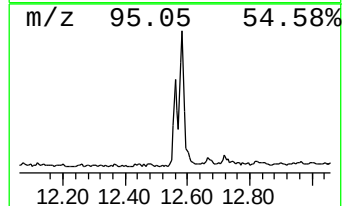
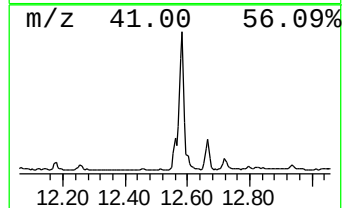
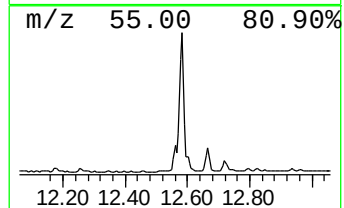
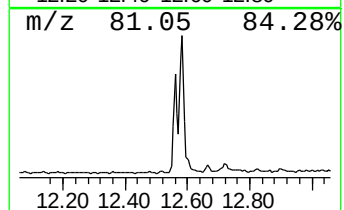
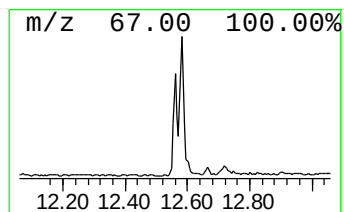
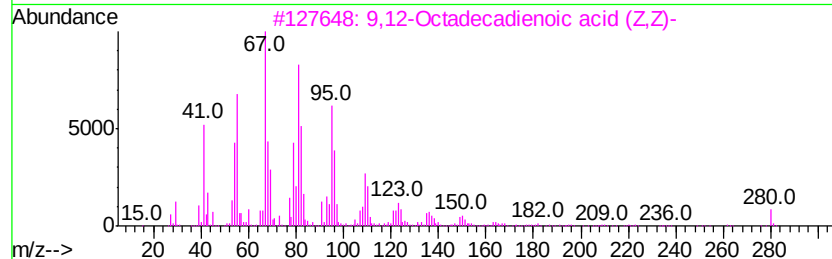
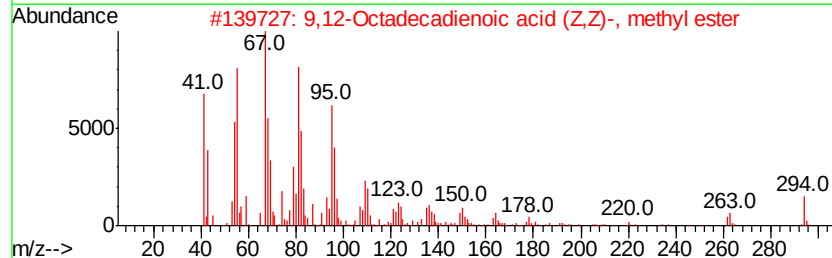
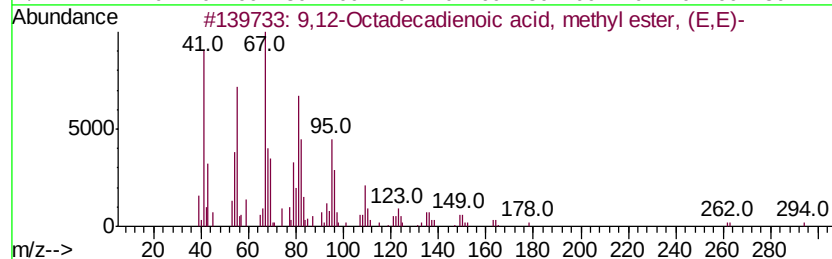
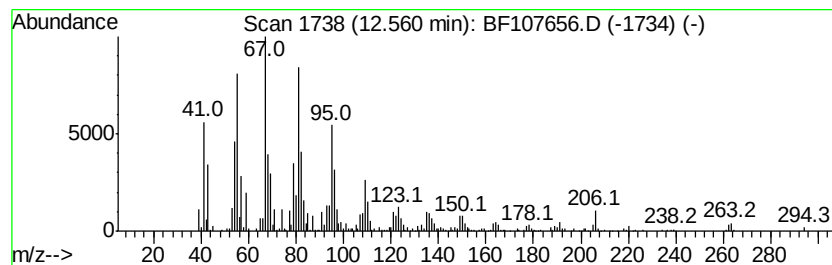
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.56	7.65 ng	592122	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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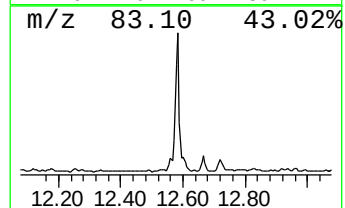
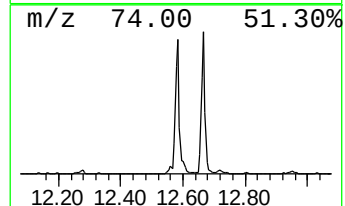
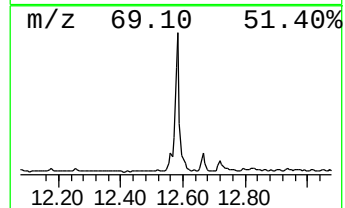
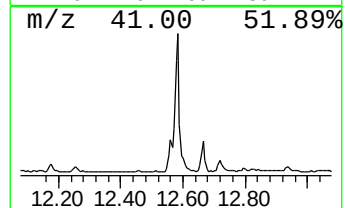
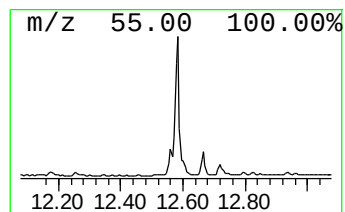
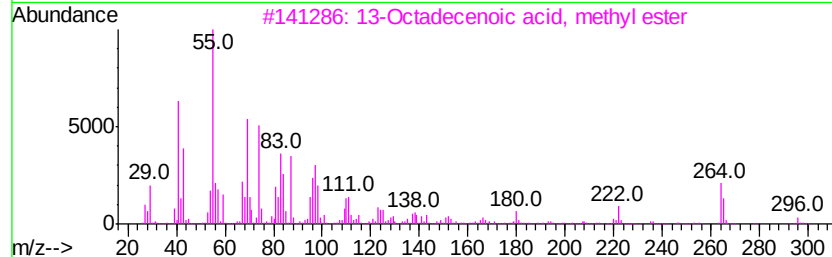
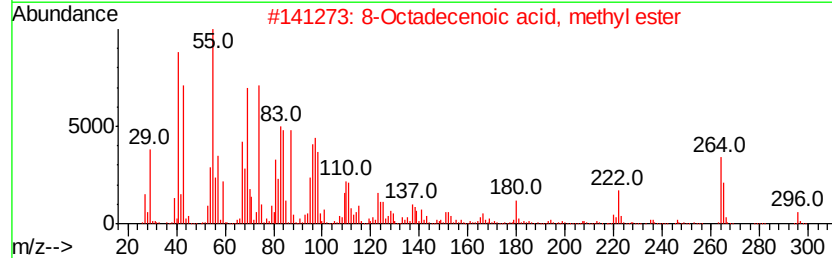
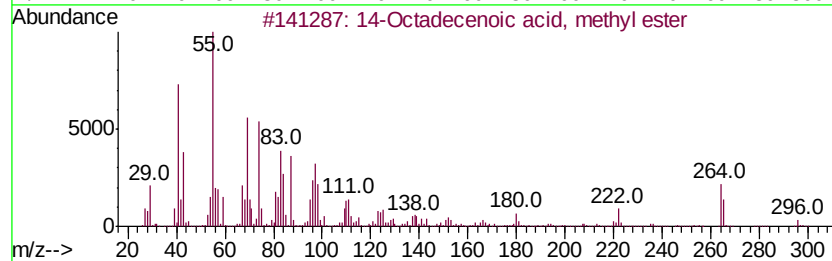
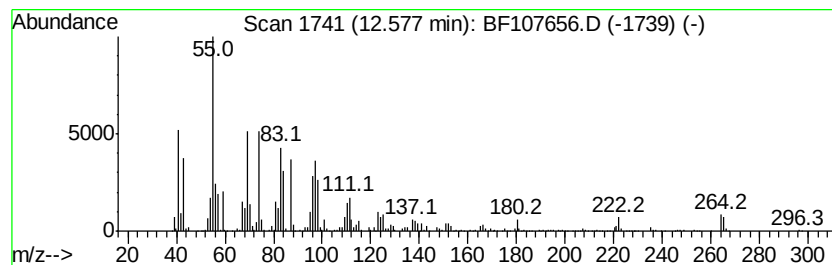
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 14-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	35.63 ng	2756490	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97
2		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	96
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
4		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	93
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107656.D
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Operator : JU/SJ
Sample : J3821-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

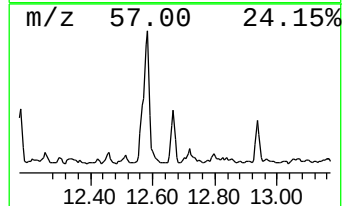
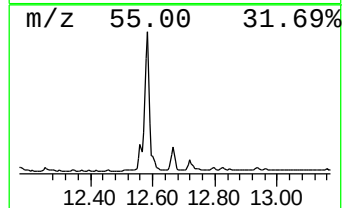
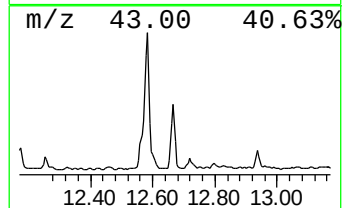
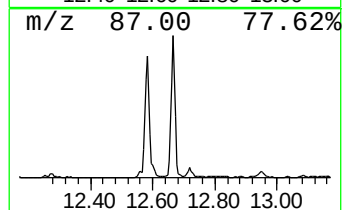
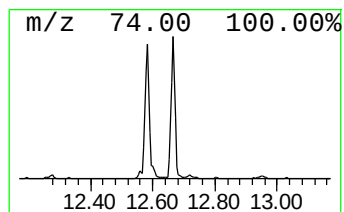
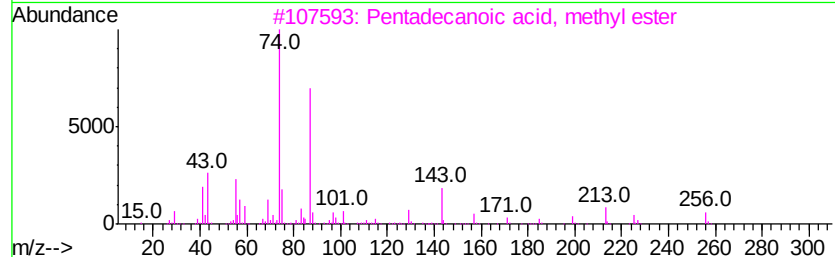
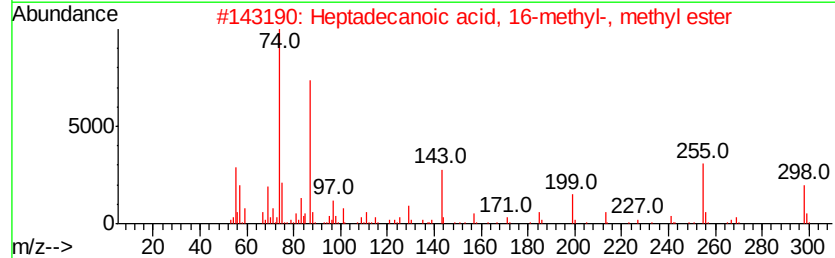
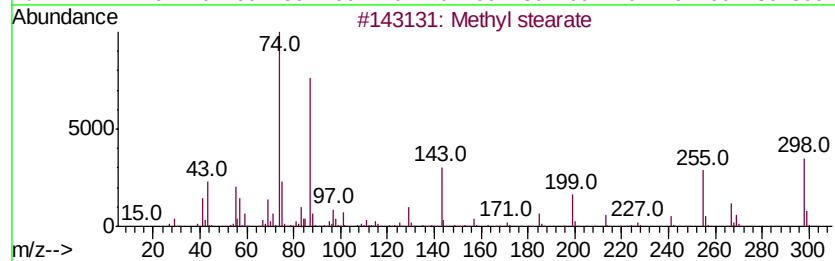
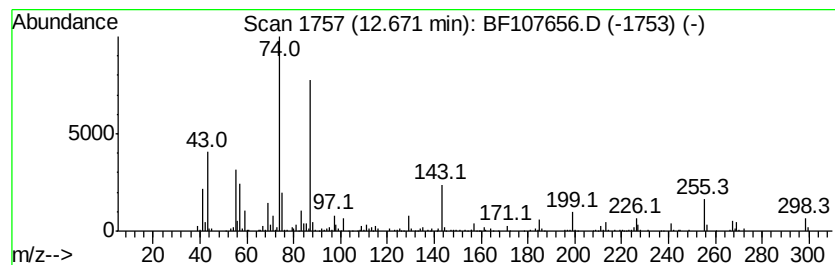
Instrument :
BNA_F
ClientSampleId :
HR-06-072418-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl stearate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.67	7.61 ng	588440	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107656.D
Acq On : 25 Jul 2018 14:52
Operator : JU/SJ
Sample : J3821-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-A

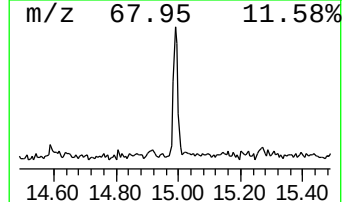
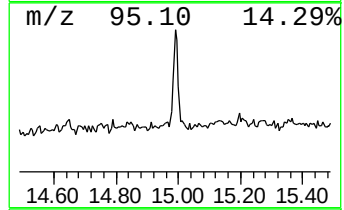
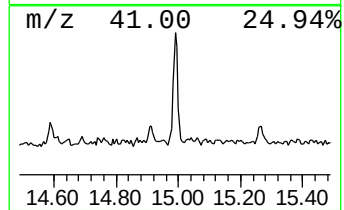
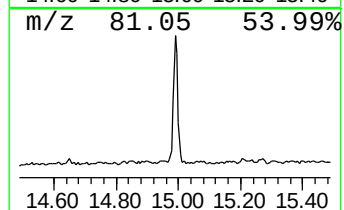
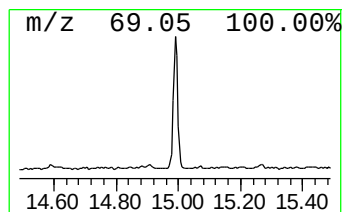
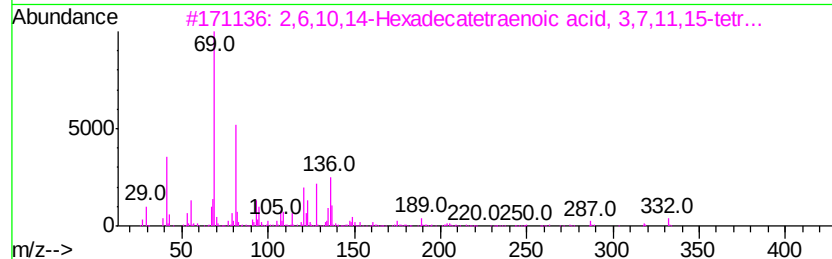
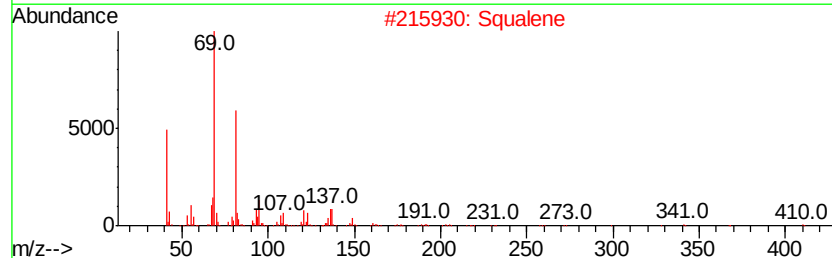
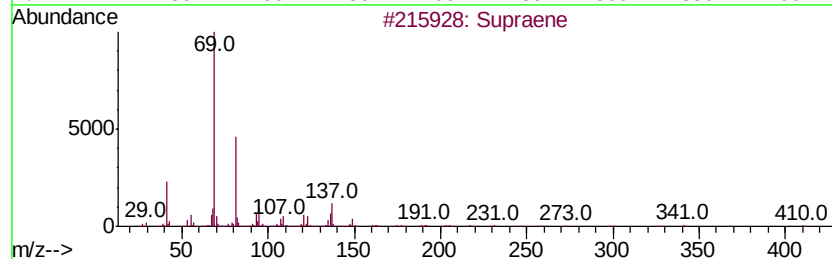
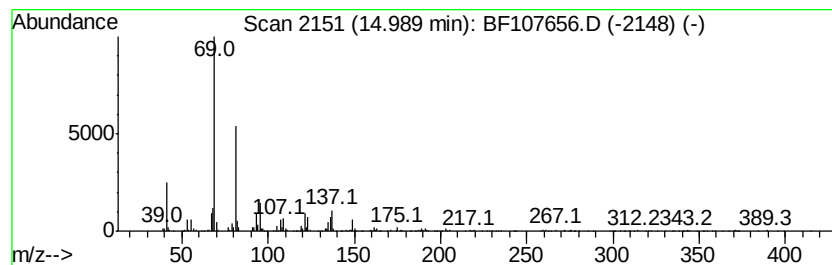
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.82 ng	485830	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
4		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5		2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107656.D
Acq On : 25 Jul 2018 14:52
Operator : JU/SJ
Sample : J3821-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
2-Pentanone, 4-hy...	5.20	5.8	ng	404145	1	6.97	1393830	20.0
unknown6.74	6.74	36.0	ng	2512340	1	6.97	1393830	20.0
Decane	6.78	6.6	ng	460164	1	6.97	1393830	20.0
Decane, 2-methyl-	7.28	3.9	ng	271411	1	6.97	1393830	20.0
unknown7.98	7.98	3.6	ng	319812	2	8.25	1795550	20.0
unknown8.52	8.52	6.0	ng	539558	2	8.25	1795550	20.0
Dodecane, 2,7,10-...	8.65	5.9	ng	526964	2	8.25	1795550	20.0
Tridecane	8.82	16.1	ng	1448320	2	8.25	1795550	20.0
Dodecane, 2,6,10-...	9.25	3.6	ng	337090	3	10.01	1869740	20.0
Tetradecane	9.39	12.4	ng	1154430	3	10.01	1869740	20.0
Sulfurous acid, 2...	9.92	6.6	ng	612892	3	10.01	1869740	20.0
Hexadecane	10.42	3.8	ng	354141	3	10.01	1869740	20.0
Hexadecanoic acid...	11.87	14.5	ng	1121380	4	11.50	1547170	20.0
Tridecanoic acid	12.01	5.8	ng	450998	4	11.50	1547170	20.0
9,12-Octadecadien...	12.56	7.7	ng	592122	4	11.50	1547170	20.0
14-Octadecenoic a...	12.58	35.6	ng	2756490	4	11.50	1547170	20.0
Methyl stearate	12.67	7.6	ng	588440	4	11.50	1547170	20.0
Supraene	14.99	6.8	ng	485830	6	15.68	1424630	20.0