

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
 Data File : BF103375.D
 Acq On : 2 Mar 2018 19:44
 Operator : SJ/JU
 Sample : J1720-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-36

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	2.140	4	9	15	rVB	207054	263008	7.39%	0.698%
2	5.110	512	514	526	rBV	76042	112500	3.16%	0.299%
3	5.504	577	581	600	rVB	3292942	3560672	100.00%	9.454%
4	6.516	748	753	771	rBV	3085593	3514296	98.70%	9.331%
5	6.651	771	776	779	rBV	3369663	3279675	92.11%	8.708%
6	6.875	810	814	820	rBV	1110159	919356	25.82%	2.441%
7	7.034	837	841	844	rBV	2728502	2535826	71.22%	6.733%
8	7.439	906	910	921	rBV	2159942	2379714	66.83%	6.319%
9	7.534	924	926	935	rVB5	26333	50135	1.41%	0.133%
10	8.157	1029	1032	1044	rBV	1212735	1284415	36.07%	3.410%
11	8.875	1151	1154	1161	rBV	51222	55832	1.57%	0.148%
12	8.975	1166	1171	1177	rVB	34093	42911	1.21%	0.114%
13	9.233	1211	1215	1224	rBV	3161627	3121555	87.67%	8.288%
14	9.298	1224	1226	1229	rVV	72189	65363	1.84%	0.174%
15	9.333	1229	1232	1238	rVB2	35956	37899	1.06%	0.101%
16	9.575	1268	1273	1275	rBV3	32285	36069	1.01%	0.096%
17	9.628	1275	1282	1288	rVV	270771	336486	9.45%	0.893%
18	9.775	1304	1307	1312	rBV	61292	70910	1.99%	0.188%
19	9.828	1312	1316	1320	rBV	126434	114729	3.22%	0.305%
20	9.916	1327	1331	1335	rBV2	1276723	1159524	32.56%	3.079%
21	9.945	1335	1336	1343	rVB	108501	95553	2.68%	0.254%
22	10.069	1353	1357	1359	rBV4	25513	41534	1.17%	0.110%
23	10.122	1363	1366	1369	rVV2	68540	80533	2.26%	0.214%
24	10.151	1369	1371	1375	rVB3	49956	53211	1.49%	0.141%
25	10.304	1394	1397	1399	rBV	80744	71747	2.01%	0.191%
26	10.328	1399	1401	1405	rVB	180780	152611	4.29%	0.405%
27	10.469	1421	1425	1431	rVB	67990	80206	2.25%	0.213%
28	10.551	1433	1439	1441	rBV2	71688	82329	2.31%	0.219%
29	10.710	1462	1466	1476	rBV	1678689	1796673	50.46%	4.771%
30	10.804	1479	1482	1491	rVB	189184	261620	7.35%	0.695%
31	11.139	1534	1539	1542	rBV7	28820	56661	1.59%	0.150%
32	11.216	1549	1552	1555	rBV	46486	51132	1.44%	0.136%
33	11.257	1555	1559	1562	rVV	383685	368332	10.34%	0.978%
34	11.316	1565	1569	1572	rVB2	89221	102730	2.89%	0.273%

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35	11.410	1581	1585	1587	rBV	1089559	966735	27.15%	2.567%
36	11.433	1587	1589	1594	rVV	852743	696001	19.55%	1.848%
37	11.486	1595	1598	1603	rVB	215863	197188	5.54%	0.524%
38	11.645	1623	1625	1628	rVB	50889	43692	1.23%	0.116%
39	11.680	1628	1631	1633	rVB	88759	62831	1.76%	0.167%
40	11.922	1667	1672	1674	rBV2	299035	358148	10.06%	0.951%
41	11.986	1681	1683	1687	rVB	60579	51817	1.46%	0.138%
42	12.027	1687	1690	1692	rBV	162035	185153	5.20%	0.492%
43	12.086	1698	1700	1703	rBV	86445	72621	2.04%	0.193%
44	12.204	1717	1720	1723	rBV	93087	92662	2.60%	0.246%
45	12.239	1723	1726	1730	rVB3	92154	96732	2.72%	0.257%
46	12.433	1757	1759	1762	rBV	167383	170975	4.80%	0.454%
47	12.580	1782	1784	1788	rVB3	76968	71851	2.02%	0.191%
48	12.627	1788	1792	1796	rBV	1234504	1143712	32.12%	3.037%
49	12.857	1825	1831	1837	rBV	1028010	1270962	35.69%	3.375%
50	12.910	1837	1840	1843	rVB2	68024	74728	2.10%	0.198%
51	12.992	1850	1854	1857	rBV	1987454	1886959	52.99%	5.010%
52	13.186	1885	1887	1889	rVB	157956	120582	3.39%	0.320%
53	13.251	1896	1898	1901	rVB	100883	75496	2.12%	0.200%
54	13.704	1972	1975	1979	rBV	99480	104210	2.93%	0.277%
55	13.833	1995	1997	2000	rVB	83708	62954	1.77%	0.167%
56	13.874	2000	2004	2008	rBV4	452367	540056	15.17%	1.434%
57	14.063	2031	2036	2039	rBV2	830872	1233129	34.63%	3.274%
58	14.092	2039	2041	2044	rVB	490365	384248	10.79%	1.020%
59	15.133	2215	2218	2221	rBV	338396	454223	12.76%	1.206%
60	15.445	2269	2271	2276	rVB	218826	248416	6.98%	0.660%
61	15.510	2279	2282	2286	rVB	289807	375081	10.53%	0.996%
62	15.574	2290	2293	2297	rVB2	315279	384420	10.80%	1.021%

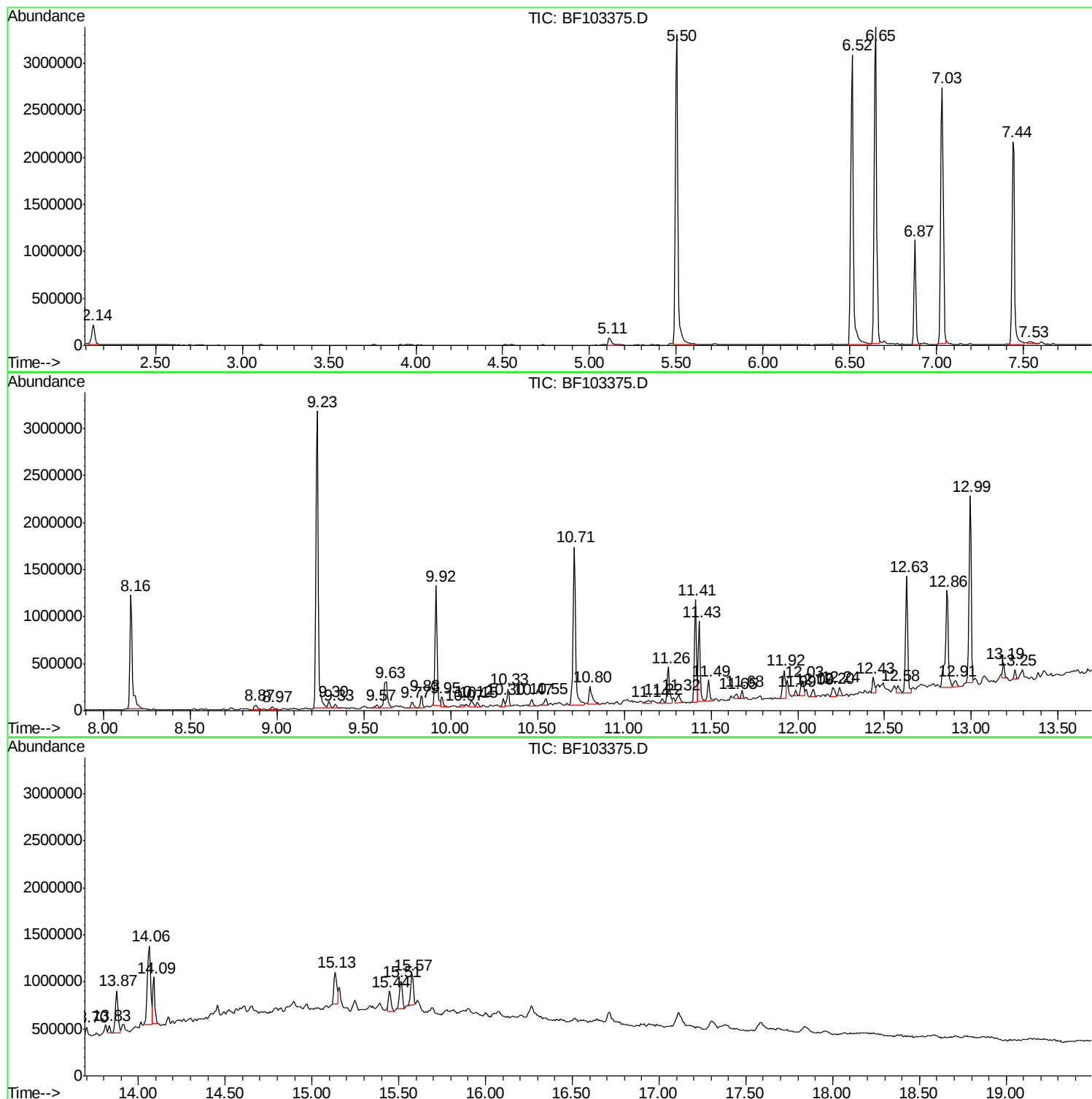
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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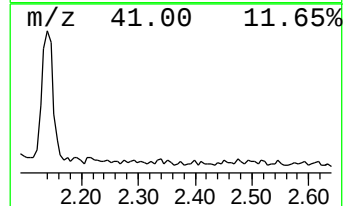
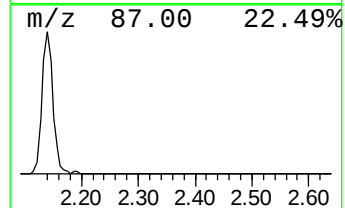
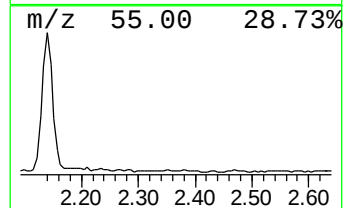
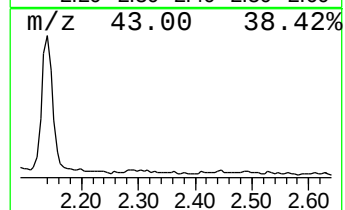
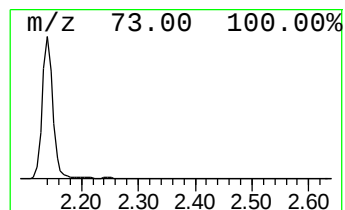
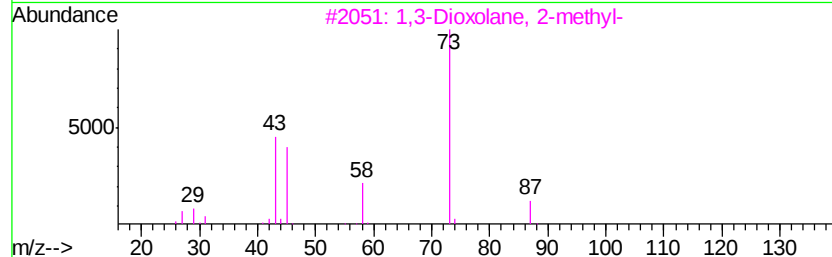
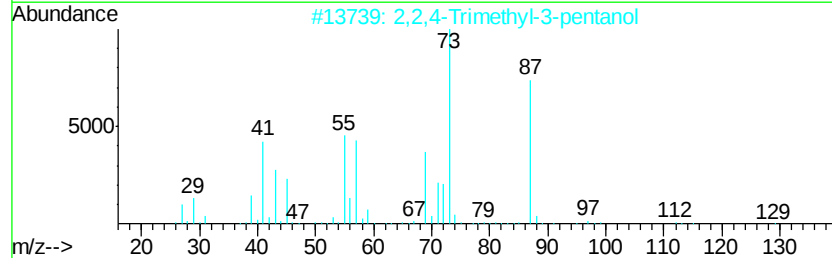
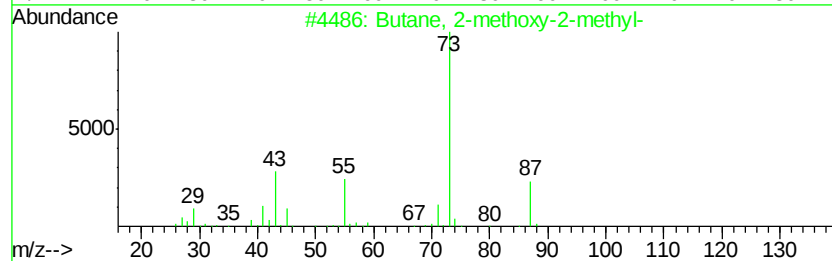
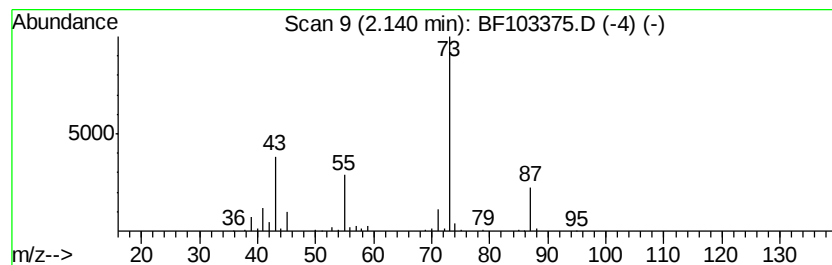
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	5.72 ng	263008	1,4-Dichlorobenzene-d4	6.87

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	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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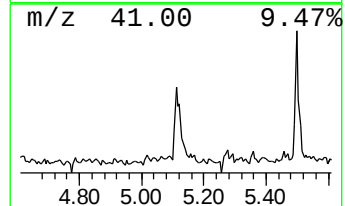
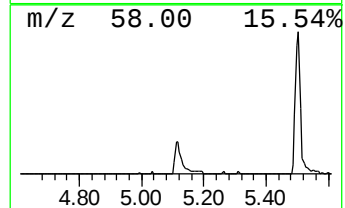
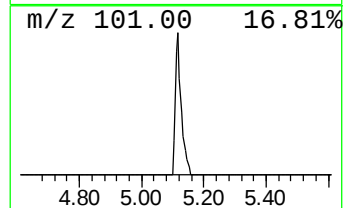
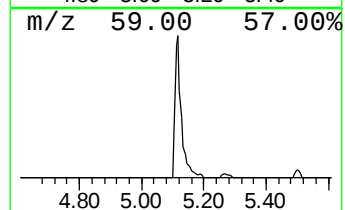
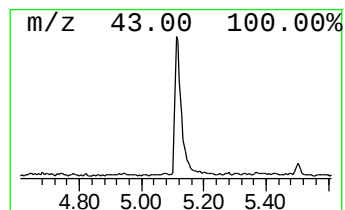
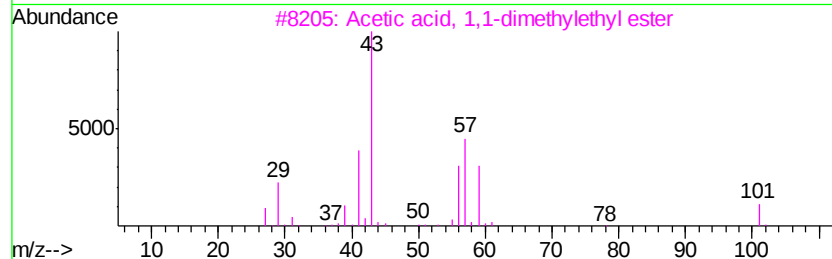
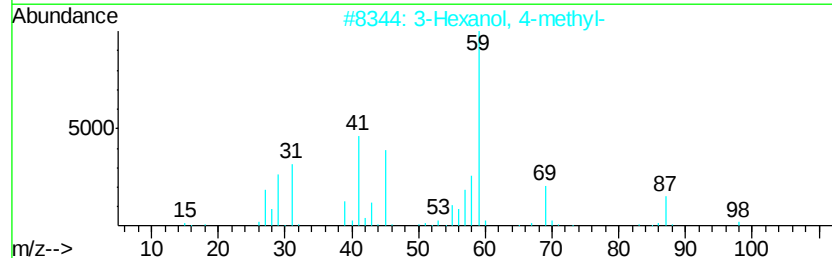
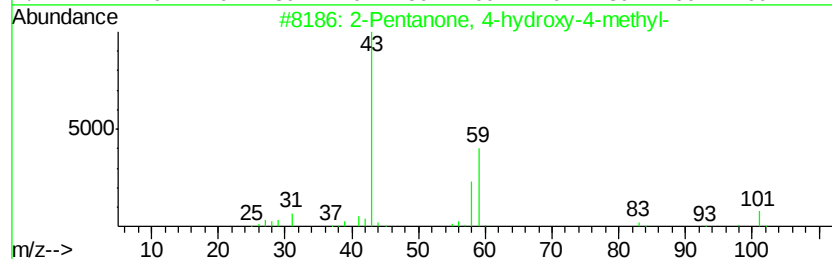
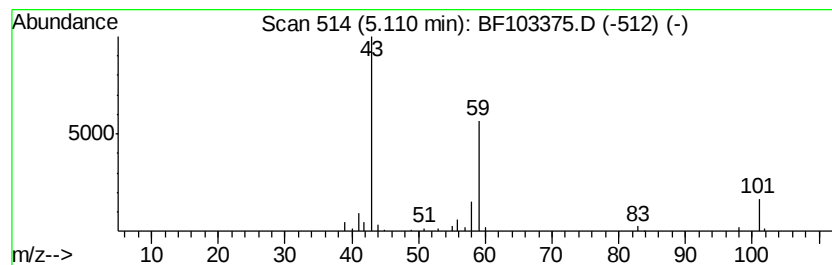
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.45 ng	112500	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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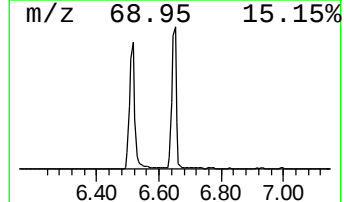
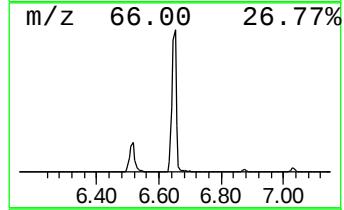
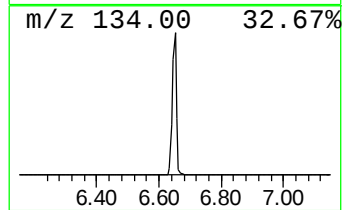
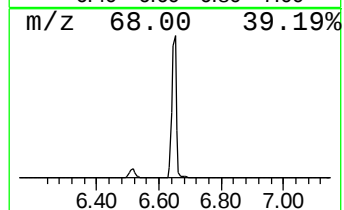
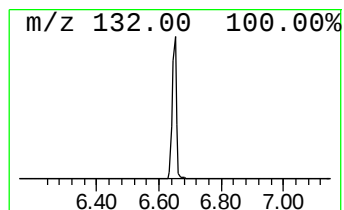
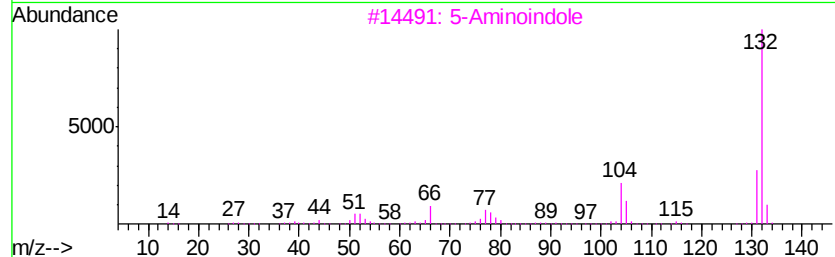
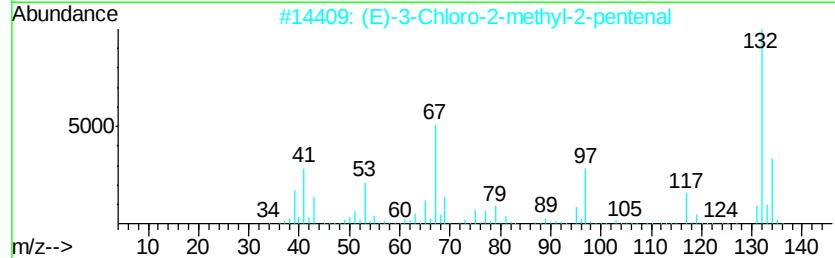
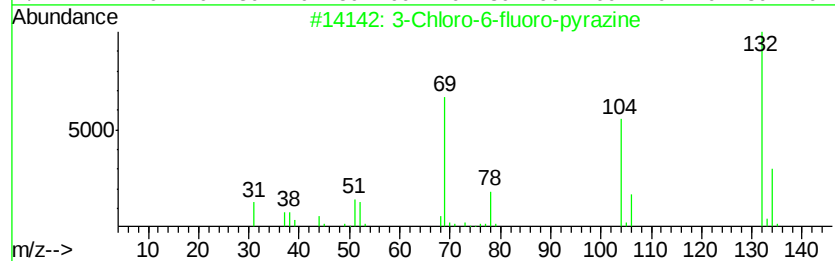
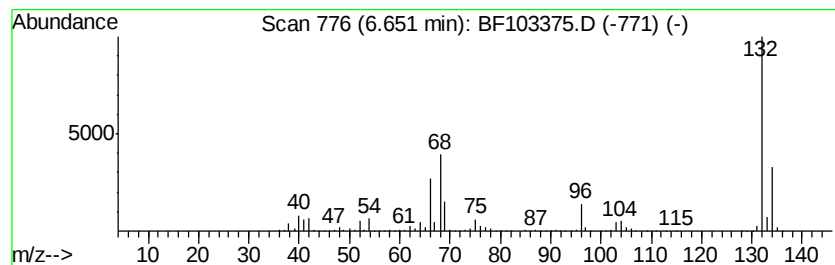
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	71.35 ng	3279680	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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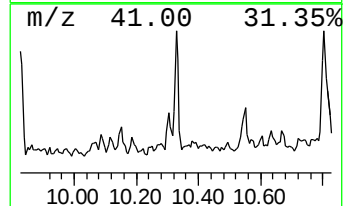
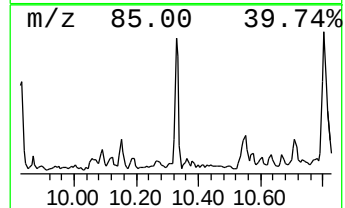
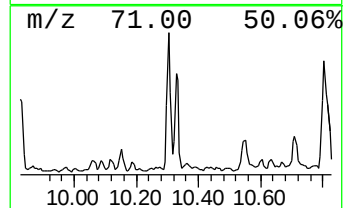
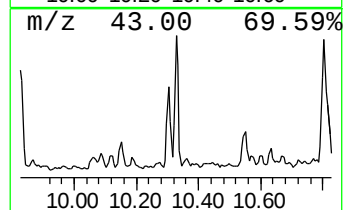
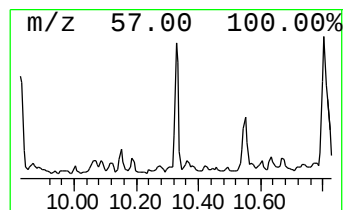
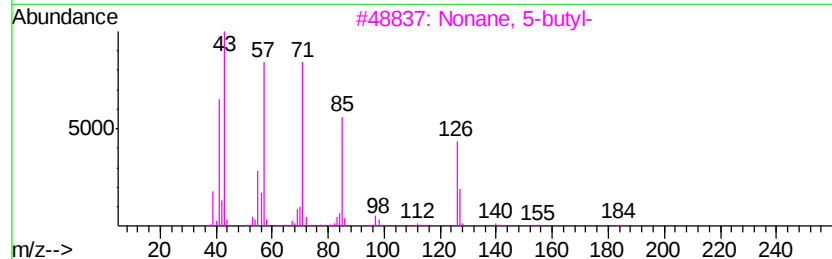
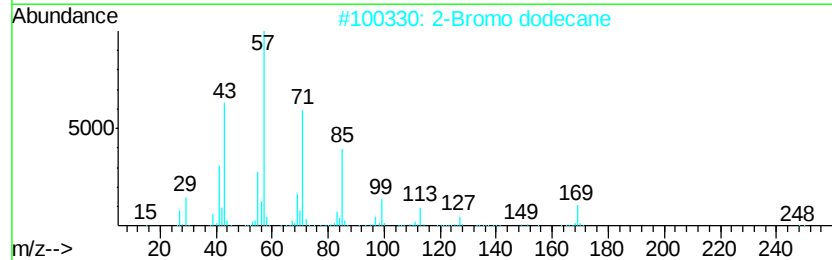
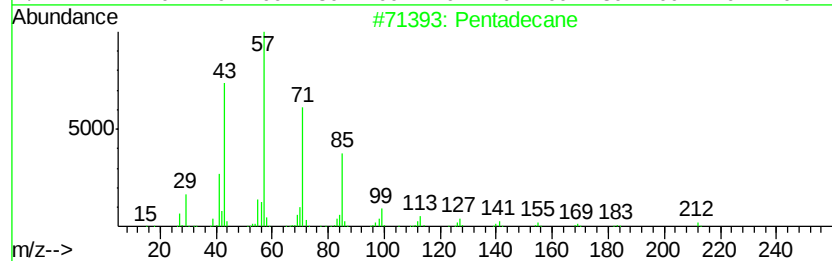
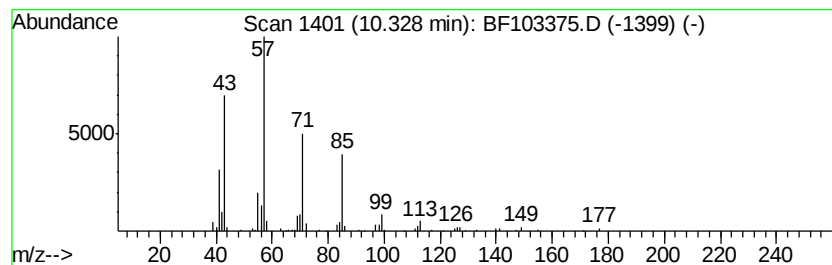
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Peak Number 5 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.63 ng	152611	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	86
2	2-Bromo dodecane	248 C12H25Br	013187-99-0	83
3	Nonane, 5-butyl-	184 C13H28	017312-63-9	80
4	Hexadecane	226 C16H34	000544-76-3	80
5	Tetradecane	198 C14H30	000629-59-4	80



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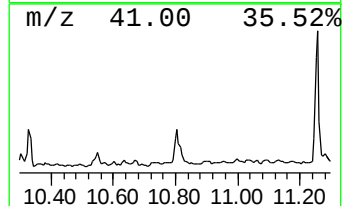
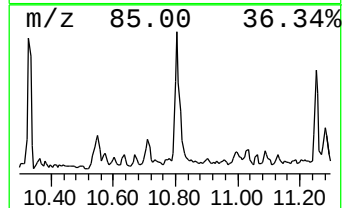
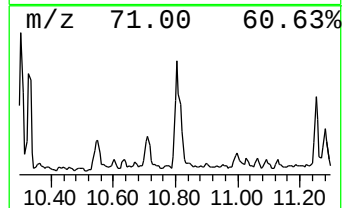
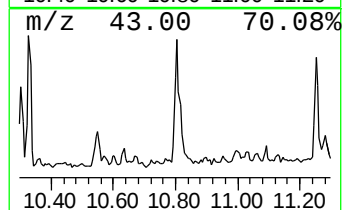
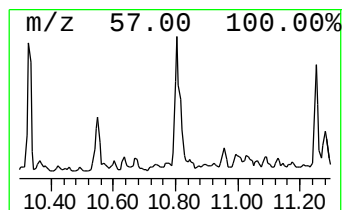
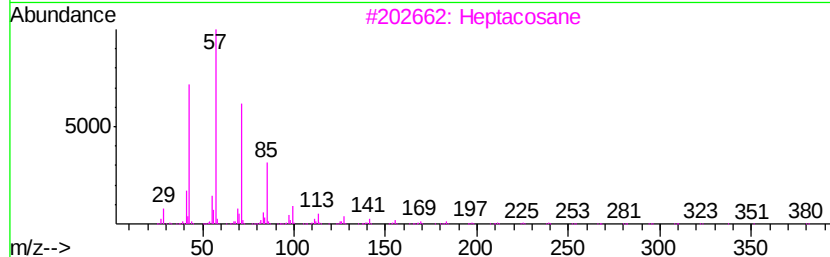
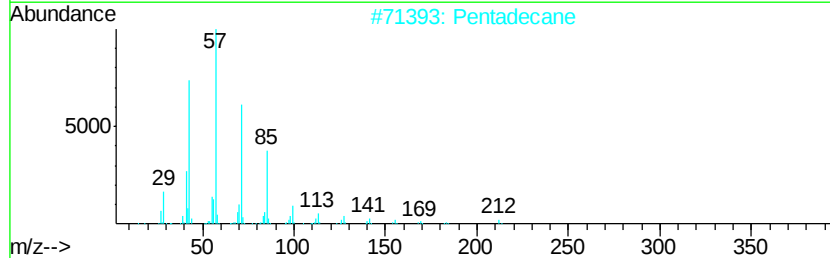
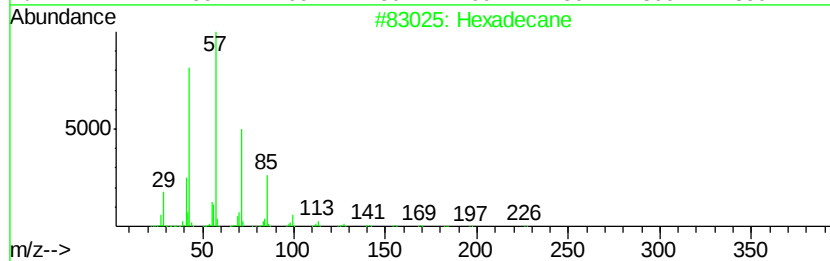
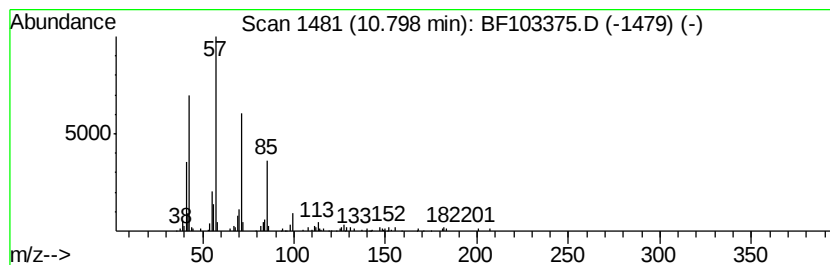
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	5.41 ng	261620	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103375.D
Acq On : 2 Mar 2018 19:44
Operator : SJ/JU
Sample : J1720-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

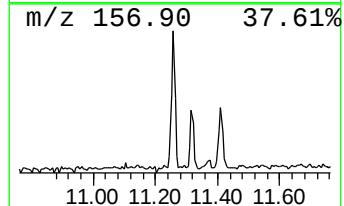
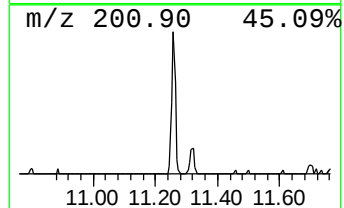
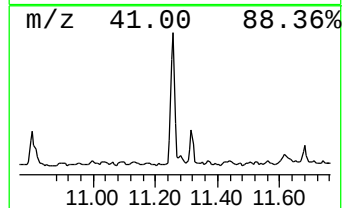
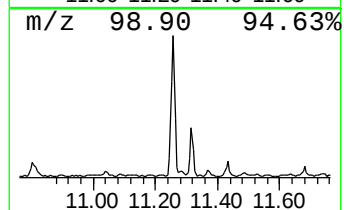
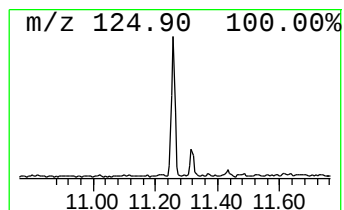
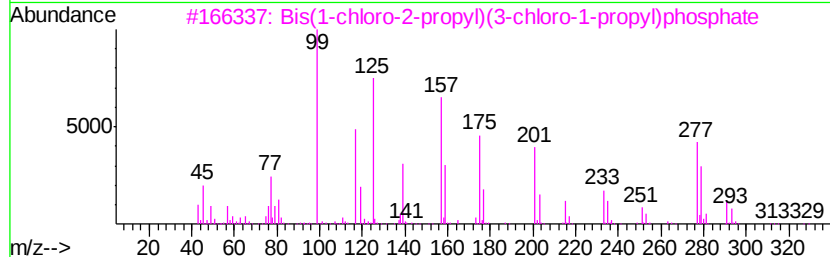
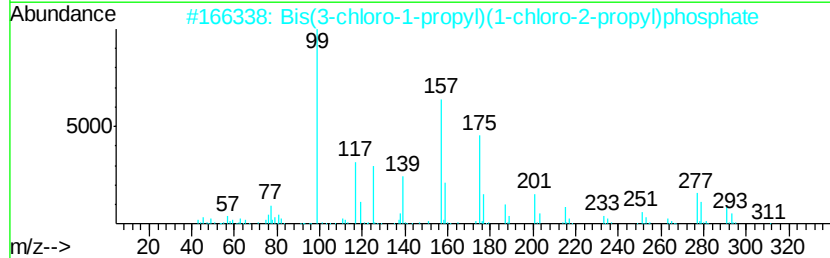
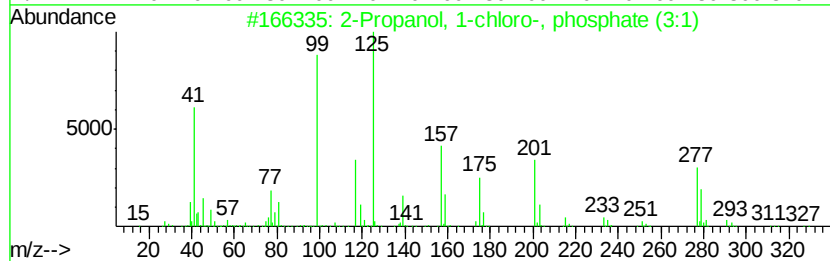
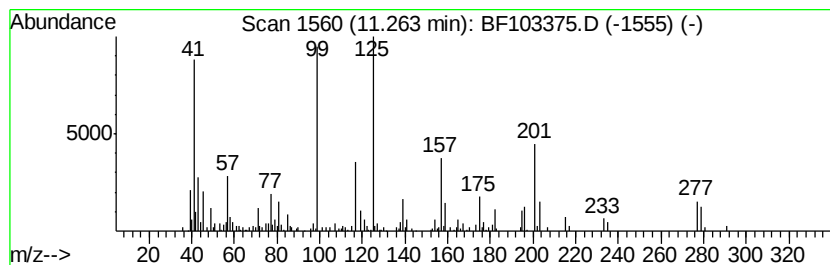
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Propanol, 1-chloro-, phos... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.26	7.62 ng	368332	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	68
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	37
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	32
4	Cyclohexanol, 1-(2-hexenyl)-	182	C12H22O	054655-47-9	14
5	2,4,6-Pyrimidinetriamine	125	C4H7N5	001004-38-2	14



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
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Acq On : 2 Mar 2018 19:44
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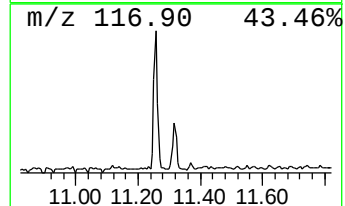
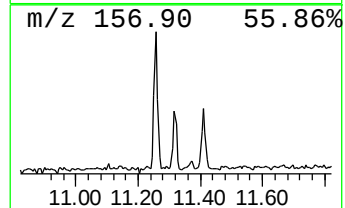
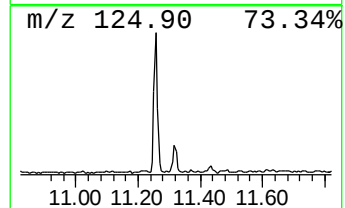
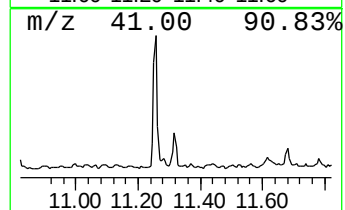
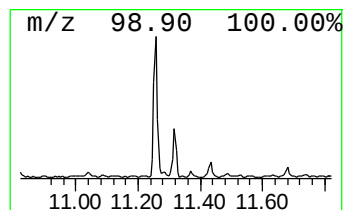
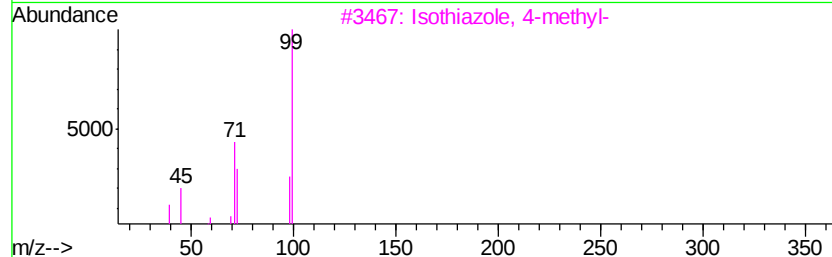
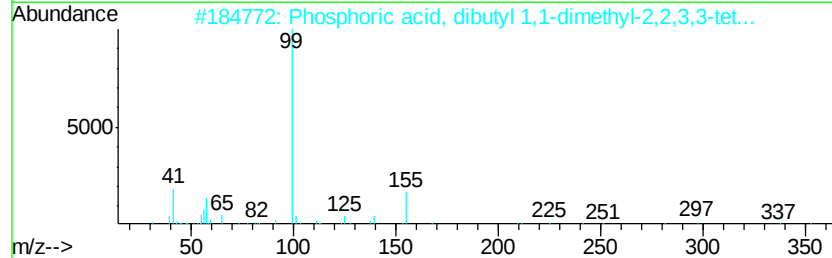
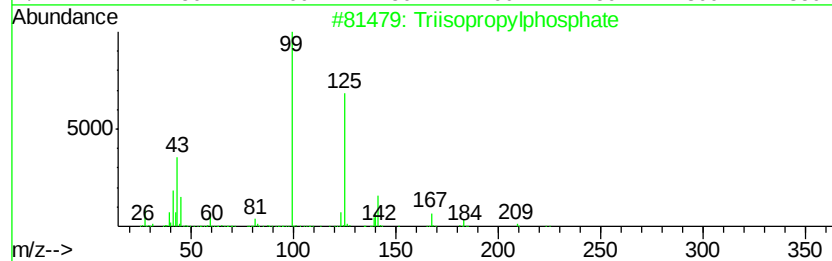
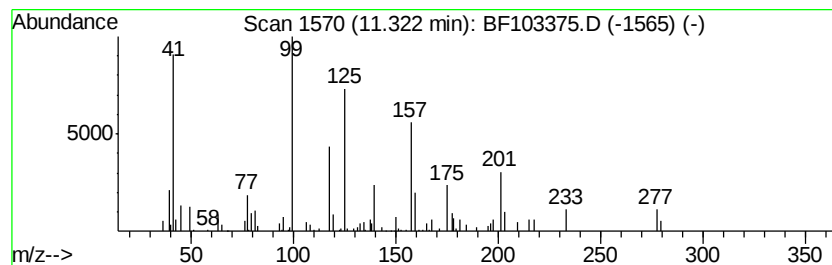
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.32 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.32	2.13 ng	102730	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triisopropylphosphate	224	C9H21O4P	000513-02-0	25
2	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	10
3	Isothiazole, 4-methyl-	99	C4H5NS	000693-90-3	9
4	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	9
5	Imidazolidine, 1,3-dimethyl-2-(4...	177	C10H15N3	303187-78-2	9



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103375.D
Acq On : 2 Mar 2018 19:44
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Sample : J1720-17
Misc :
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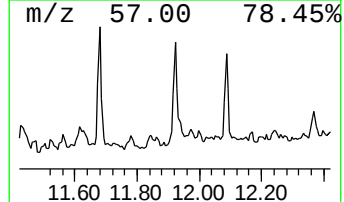
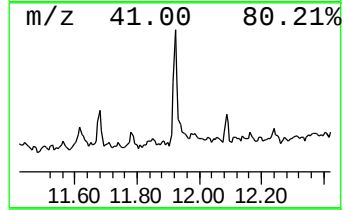
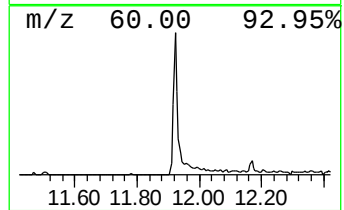
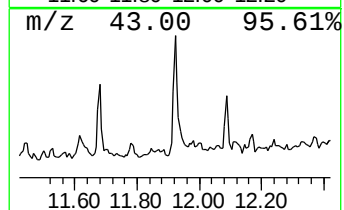
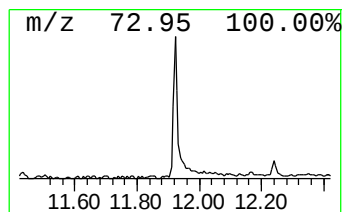
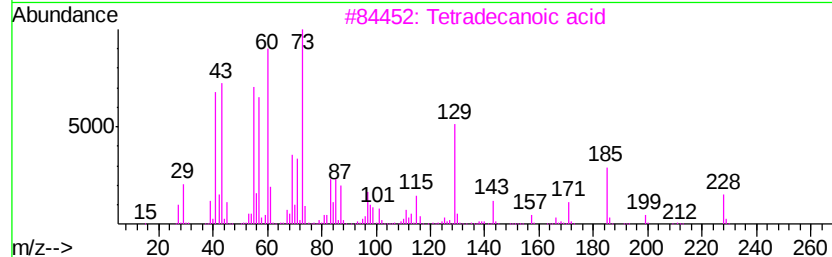
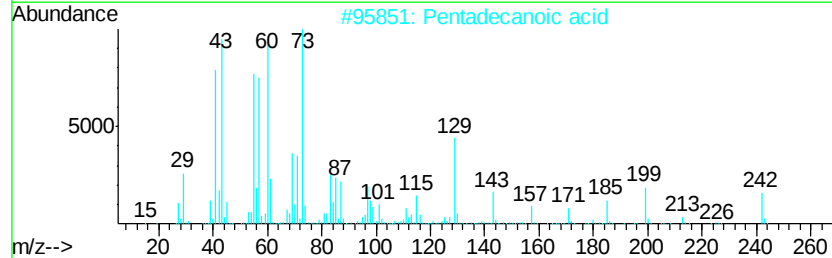
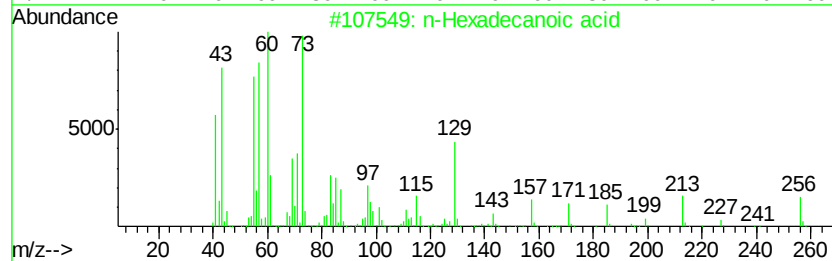
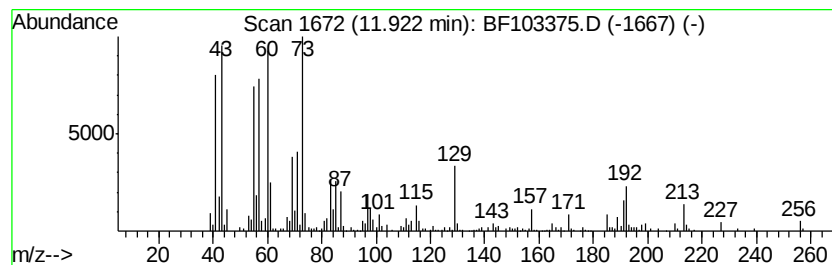
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.92	7.41 ng	358148	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Isoamyl nitrite	117	C5H11NO2	000110-46-3	35



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Acq On : 2 Mar 2018 19:44
Operator : SJ/JU
Sample : J1720-17
Misc :
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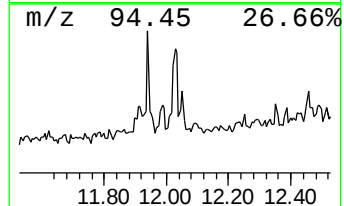
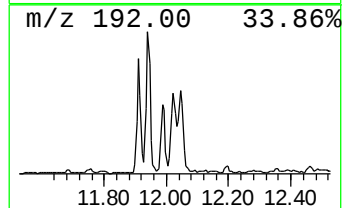
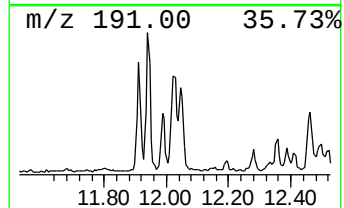
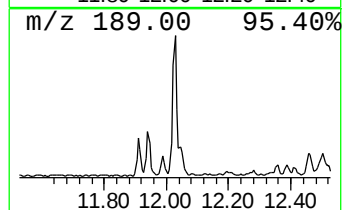
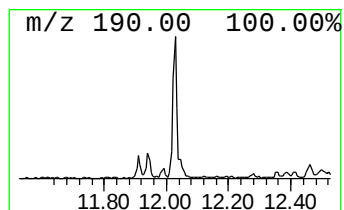
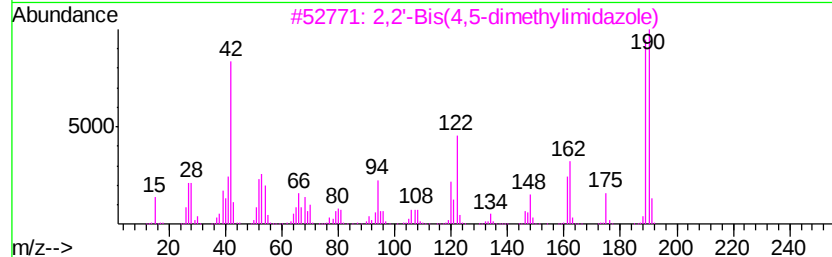
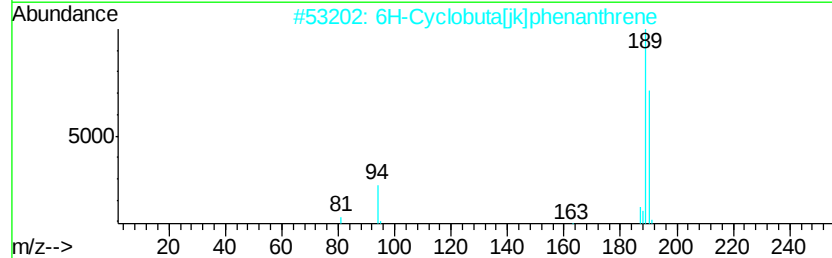
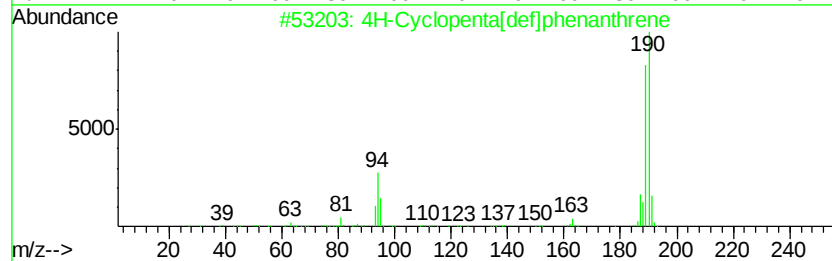
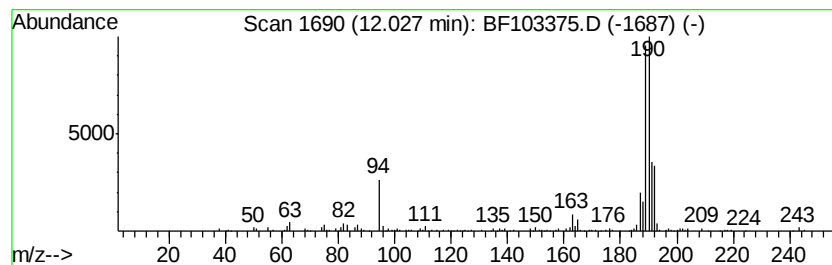
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.03	3.83 ng	185153	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1-Aminocyclopentanecarboxylic ac...	375	C19H34ClN04	1000329-17-1	27
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103375.D
Acq On : 2 Mar 2018 19:44
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Misc :
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Instrument :
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ClientSampled :
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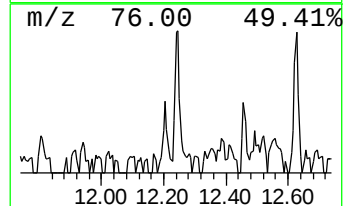
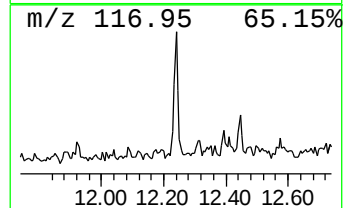
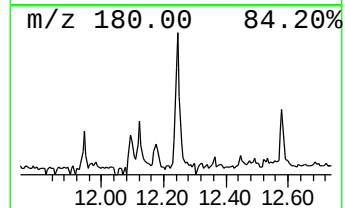
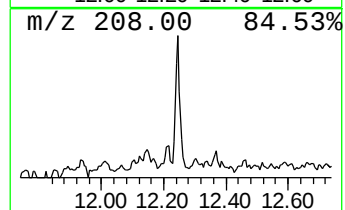
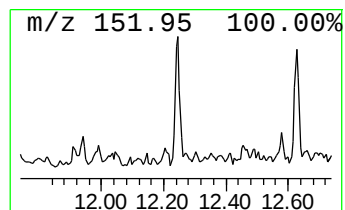
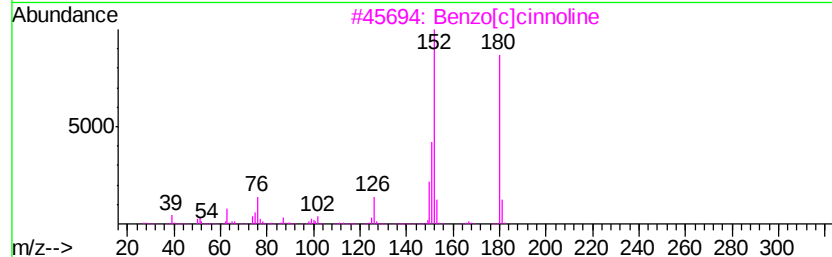
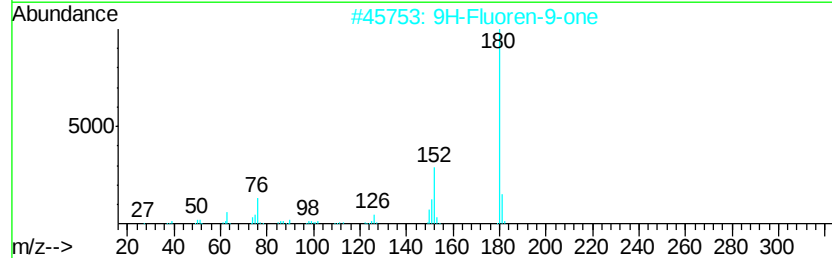
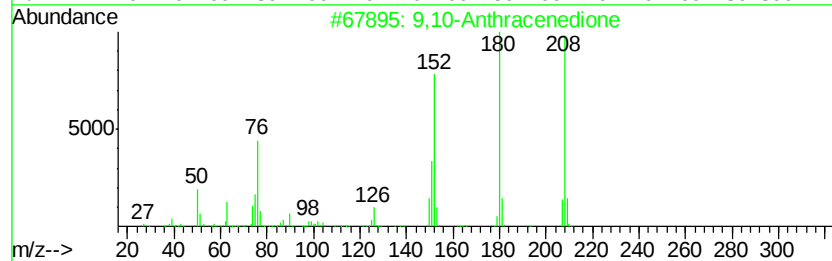
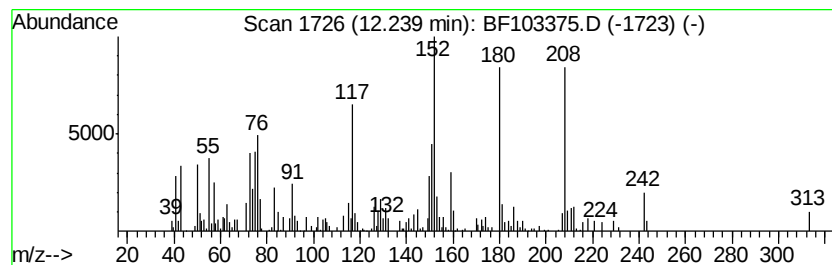
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	2.00 ng	96732	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	25



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103375.D
Acq On : 2 Mar 2018 19:44
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Misc :
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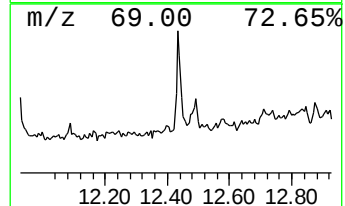
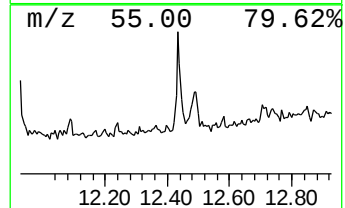
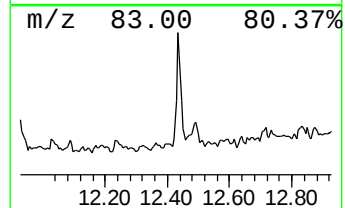
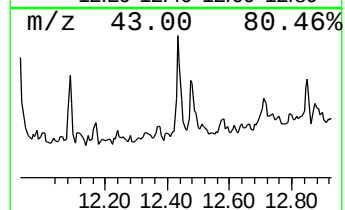
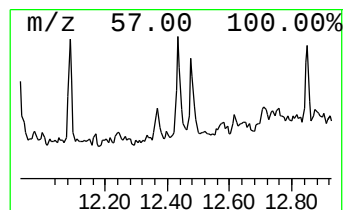
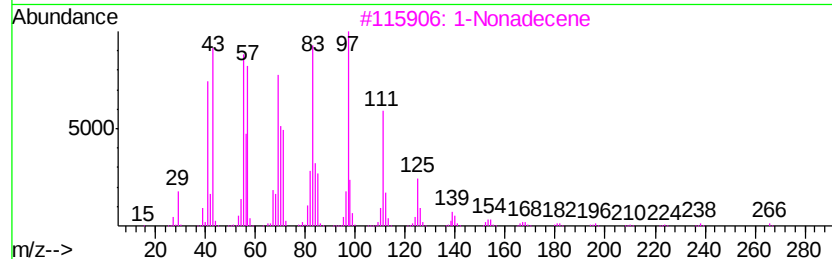
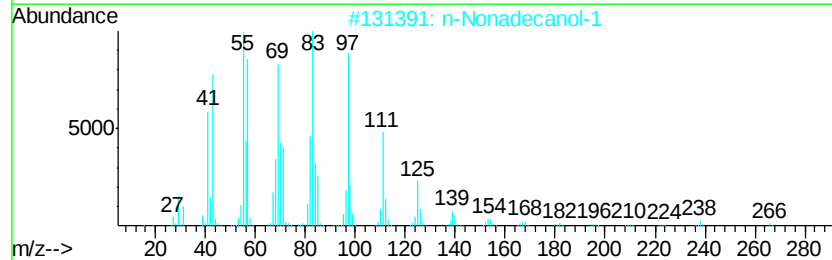
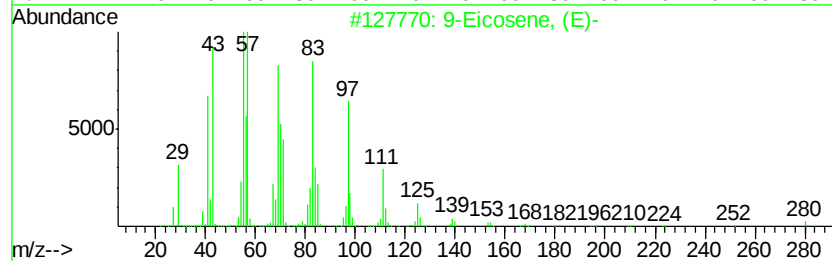
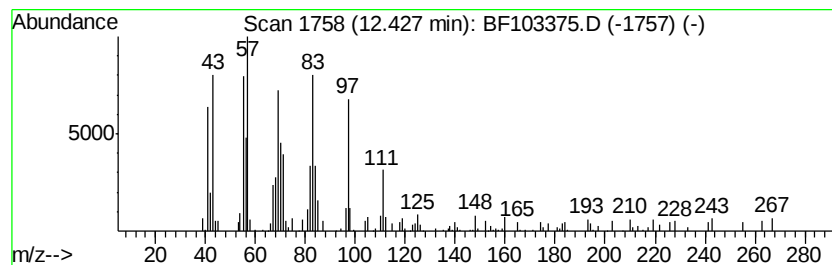
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9-Eicosene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.54 ng	170975	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3			1-Nonadecene	266	C19H38	018435-45-5	91
4			n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5			9-Octadecene, (E)-	252	C18H36	007206-25-9	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103375.D
Acq On : 2 Mar 2018 19:44
Operator : SJ/JU
Sample : J1720-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-36

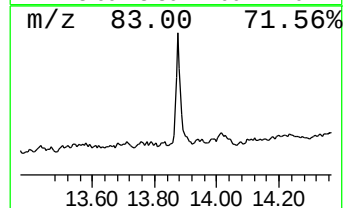
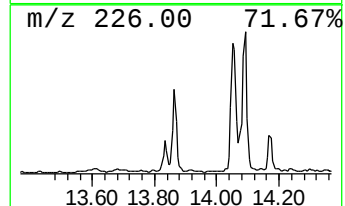
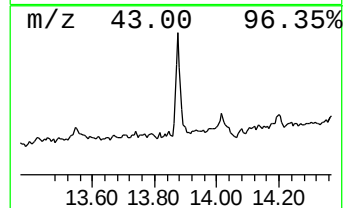
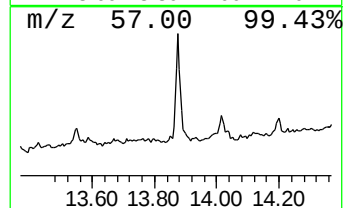
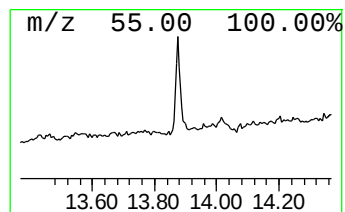
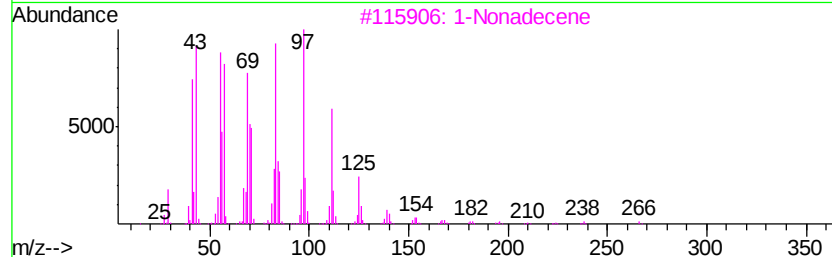
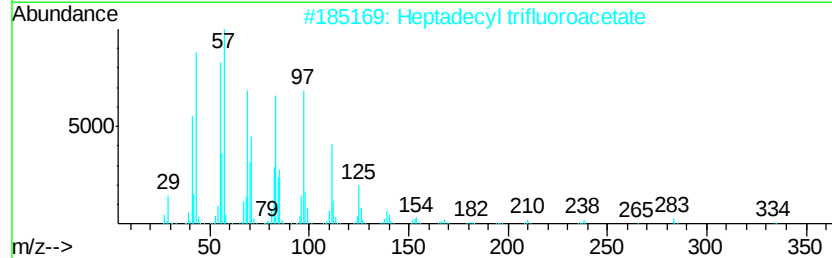
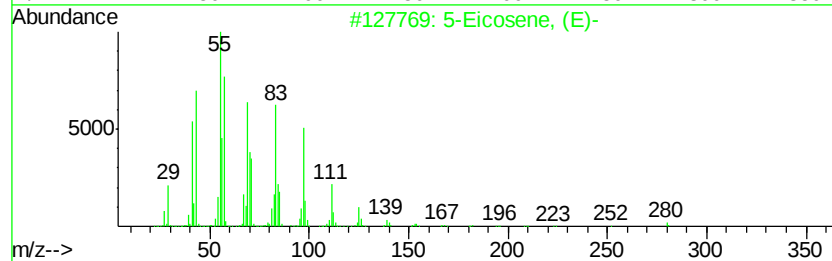
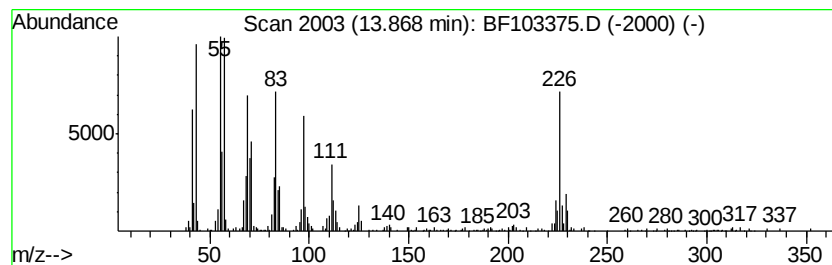
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.76 ng	540056	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3		1-Nonadecene	266	C19H38	018435-45-5	87
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	87



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
Data File : BF103375.D
Acq On : 2 Mar 2018 19:44
Operator : SJ/JU
Sample : J1720-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-36

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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...	2.14	5.7	ng	263008	1	6.87	919356	20.0
2-Pentanone, 4-hy...	5.11	2.5	ng	112500	1	6.87	919356	20.0
unknown6.65	6.65	71.3	ng	3279680	1	6.87	919356	20.0
Pentadecane	10.33	2.6	ng	152611	3	9.92	1159520	20.0
Hexadecane	10.80	5.4	ng	261620	4	11.41	966735	20.0
2-Propanol, 1-chl...	11.26	7.6	ng	368332	4	11.41	966735	20.0
unknown11.32	11.32	2.1	ng	102730	4	11.41	966735	20.0
n-Hexadecanoic acid	11.92	7.4	ng	358148	4	11.41	966735	20.0
4H-Cyclopenta[def...	12.03	3.8	ng	185153	4	11.41	966735	20.0
9,10-Anthracenedione	12.24	2.0	ng	96732	4	11.41	966735	20.0
9-Eicosene, (E)-	12.43	3.5	ng	170975	4	11.41	966735	20.0
5-Eicosene, (E)-	13.87	8.8	ng	540056	5	14.06	1233130	20.0