

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103267.D
 Acq On : 27 Feb 2018 17:08
 Operator : SJ/JU
 Sample : J1698-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

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	2.134	4	8	24	rVB	269942	395208	11.99%	1.246%
2	5.110	510	514	524	rVB	85963	116177	3.52%	0.366%
3	5.498	576	580	599	rBV	3191033	3296447	100.00%	10.392%
4	6.510	747	752	768	rBV	2891820	3271442	99.24%	10.314%
5	6.645	771	775	779	rBV	3282329	3192113	96.83%	10.063%
6	6.875	810	814	821	rBV	1085133	901409	27.34%	2.842%
7	7.034	836	841	844	rBV	2538894	2449815	74.32%	7.723%
8	7.439	905	910	913	rBV	2246914	2074994	62.95%	6.542%
9	8.157	1028	1032	1048	rVB	1340575	1225481	37.18%	3.863%
10	9.233	1210	1215	1218	rBV	3238945	3088732	93.70%	9.737%
11	9.298	1224	1226	1229	rVB	56653	48383	1.47%	0.153%
12	9.575	1267	1273	1275	rBV4	32936	37394	1.13%	0.118%
13	9.622	1275	1281	1289	rVB	415100	391798	11.89%	1.235%
14	9.775	1303	1307	1310	rBV2	66174	60854	1.85%	0.192%
15	9.828	1312	1316	1321	rVV	121607	117023	3.55%	0.369%
16	9.916	1327	1331	1335	rBV	1301802	1180949	35.82%	3.723%
17	10.151	1369	1371	1375	rVB4	48472	46422	1.41%	0.146%
18	10.333	1399	1402	1405	rVB	153943	140669	4.27%	0.443%
19	10.551	1433	1439	1441	rBV	60817	74562	2.26%	0.235%
20	10.710	1461	1466	1475	rBV	1715546	1712414	51.95%	5.399%
21	10.804	1479	1482	1491	rVB	172467	207484	6.29%	0.654%
22	11.010	1512	1517	1520	rBV3	29638	53357	1.62%	0.168%
23	11.251	1555	1558	1561	rBV	91946	79976	2.43%	0.252%
24	11.404	1581	1584	1587	rBV	1027637	997880	30.27%	3.146%
25	11.427	1587	1588	1594	rVB	220757	173569	5.27%	0.547%
26	11.480	1594	1597	1600	rBV	45116	40769	1.24%	0.129%
27	11.739	1638	1641	1645	rVB2	33089	34739	1.05%	0.110%
28	11.922	1666	1672	1673	rBV2	133960	182893	5.55%	0.577%
29	11.939	1673	1675	1680	rVB2	101248	101577	3.08%	0.320%
30	12.022	1686	1689	1691	rBV2	107455	128526	3.90%	0.405%
31	12.045	1691	1693	1698	rVB	72098	64491	1.96%	0.203%
32	12.204	1717	1720	1722	rBV	42399	40445	1.23%	0.128%
33	12.239	1723	1726	1729	rVB3	46041	48217	1.46%	0.152%
34	12.457	1760	1763	1766	rBV	96440	124849	3.79%	0.394%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	12.492	1766	1769	1772	rVV4	67932	93267	2.83%	0.294%
36	12.551	1775	1779	1782	rBV3	55508	79866	2.42%	0.252%
37	12.622	1788	1791	1795	rBV	420752	385402	11.69%	1.215%
38	12.857	1825	1831	1836	rBV	458802	567934	17.23%	1.790%
39	12.904	1837	1839	1842	rVB3	41718	43393	1.32%	0.137%
40	12.992	1850	1854	1857	rBV	2058534	1916692	58.14%	6.043%
41	13.180	1884	1886	1889	rVB2	93924	85876	2.61%	0.271%
42	13.286	1902	1904	1907	rBV	58883	46497	1.41%	0.147%
43	13.380	1918	1920	1922	rBV2	58400	51241	1.55%	0.162%
44	13.410	1923	1925	1933	rVV2	54713	99282	3.01%	0.313%
45	13.874	2001	2004	2007	rBV	404337	400888	12.16%	1.264%
46	14.057	2030	2035	2038	rBV2	842988	950129	28.82%	2.995%
47	14.080	2038	2039	2044	rVB	212548	163822	4.97%	0.516%
48	14.892	2175	2177	2181	rVB	205734	219089	6.65%	0.691%
49	15.563	2287	2291	2295	rBV	403073	515549	15.64%	1.625%

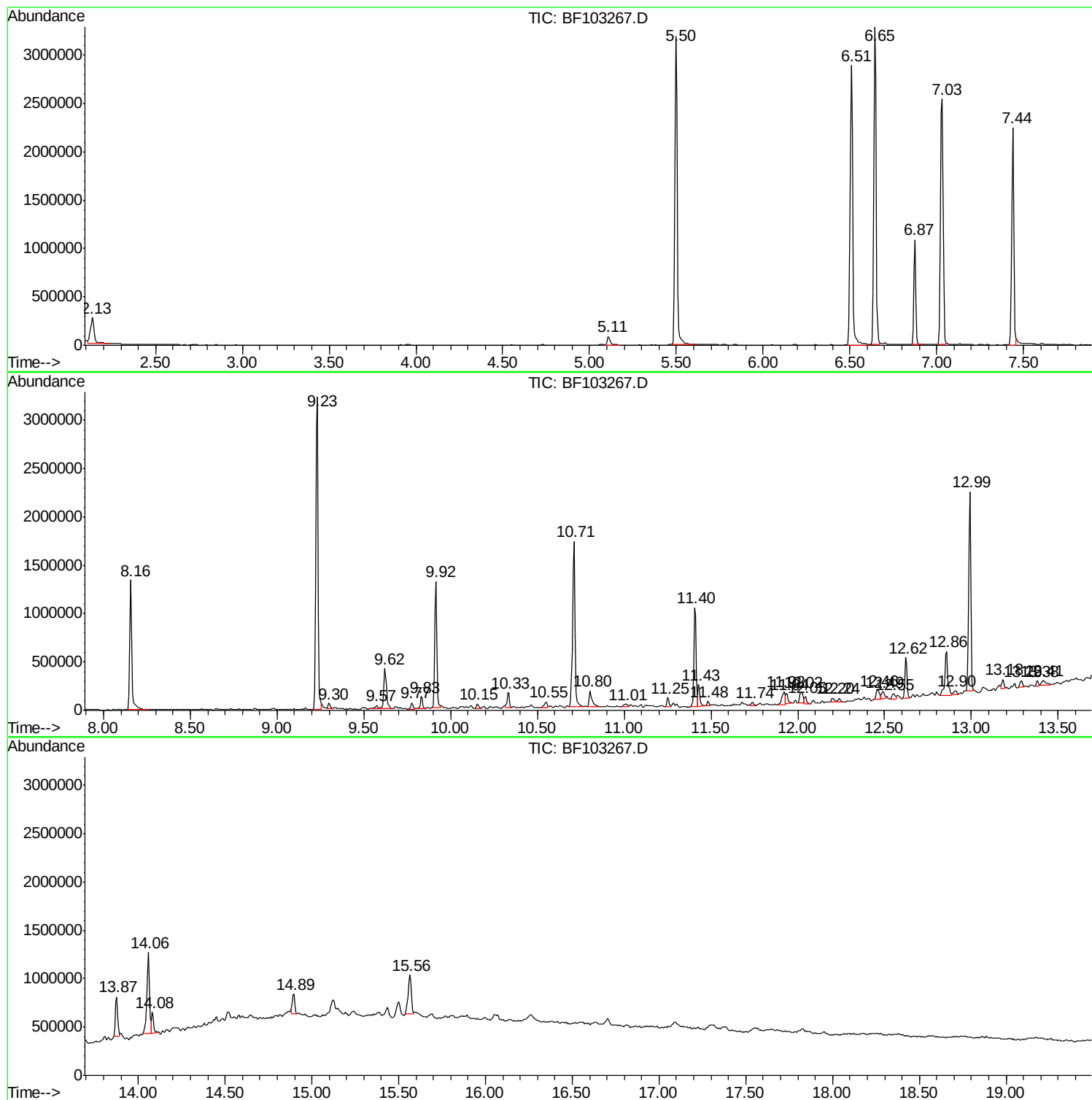
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : J1698-05
Misc :
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Instrument :
BNA_F
ClientSampleId :
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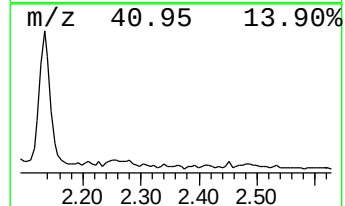
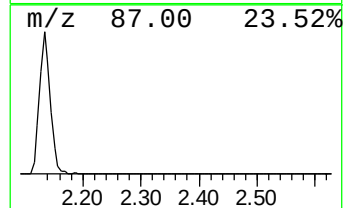
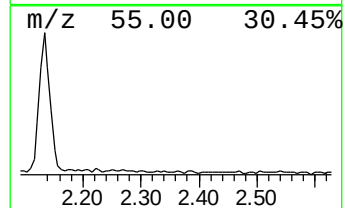
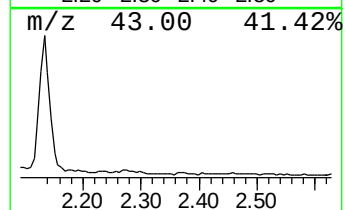
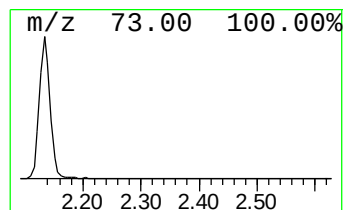
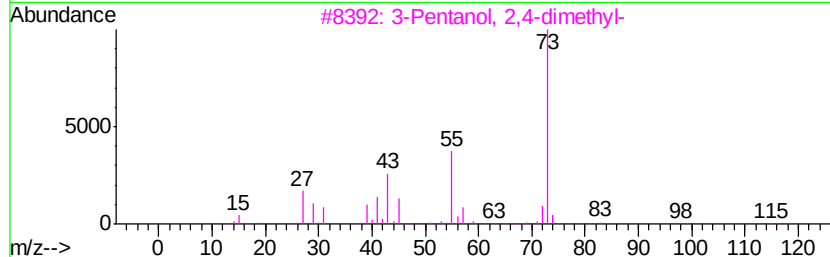
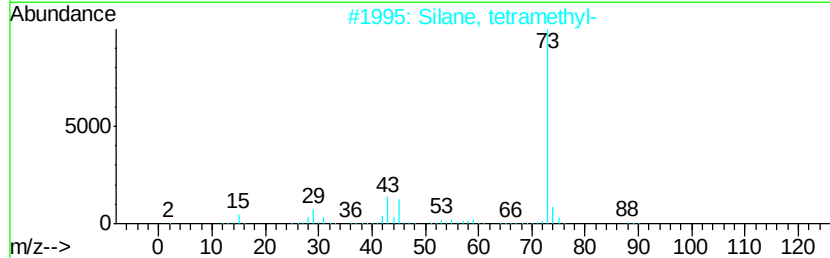
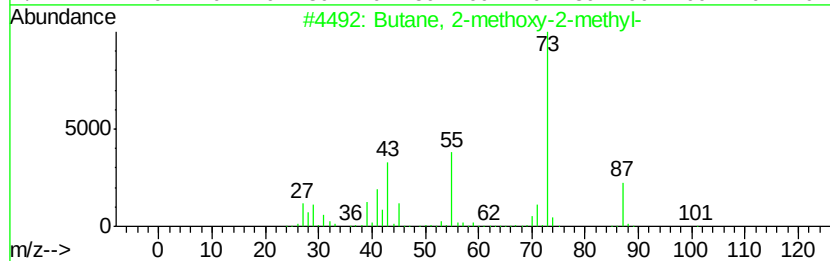
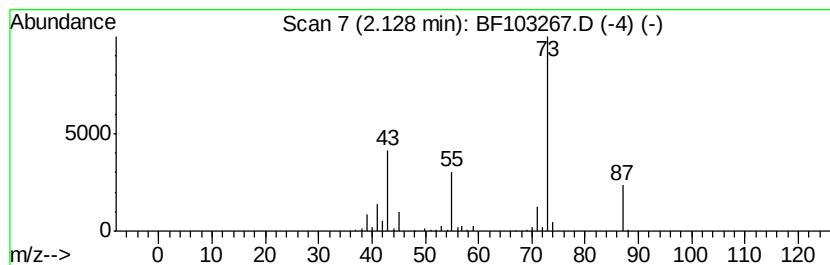
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	8.77 ng	395208	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	32
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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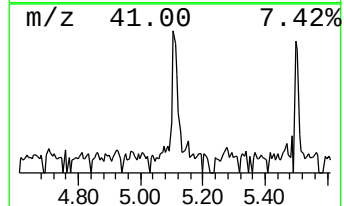
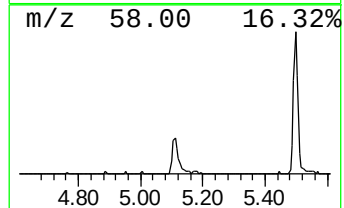
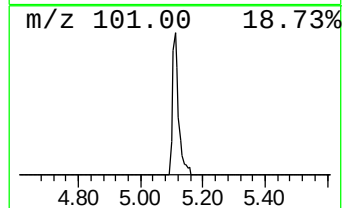
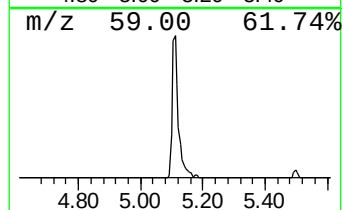
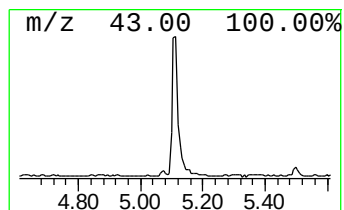
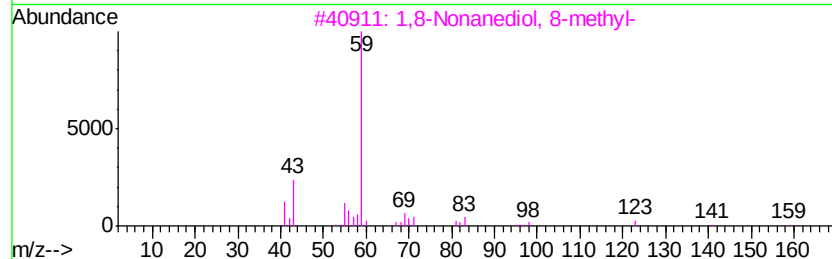
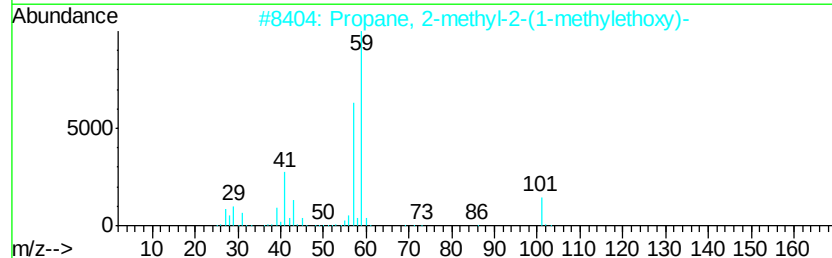
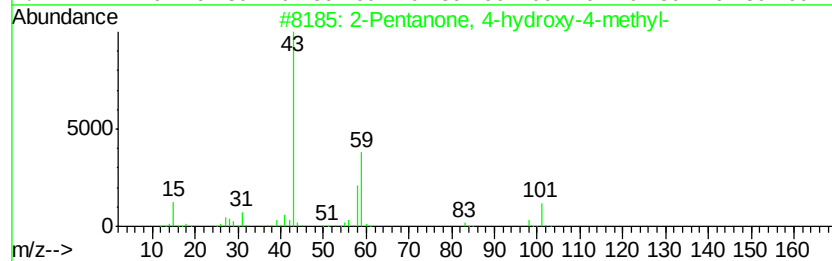
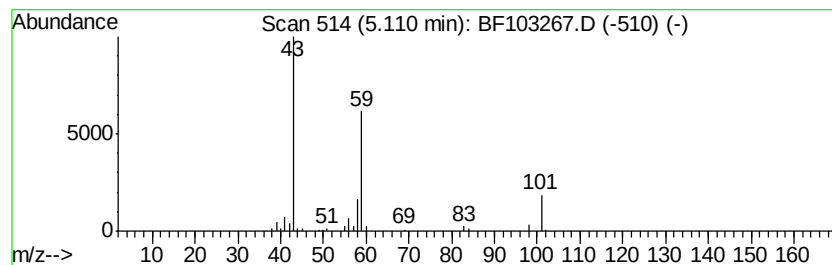
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.58 ng	116177	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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36	
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25	
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23	
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17	



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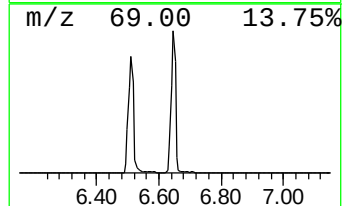
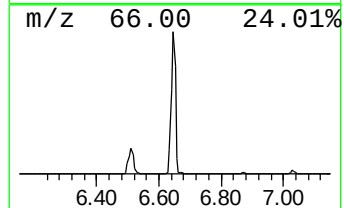
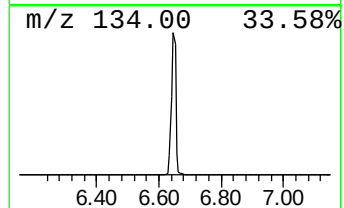
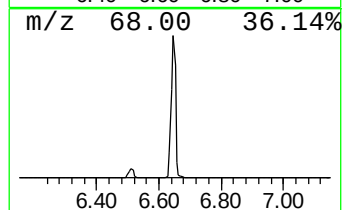
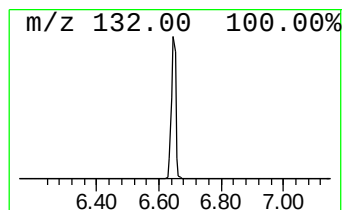
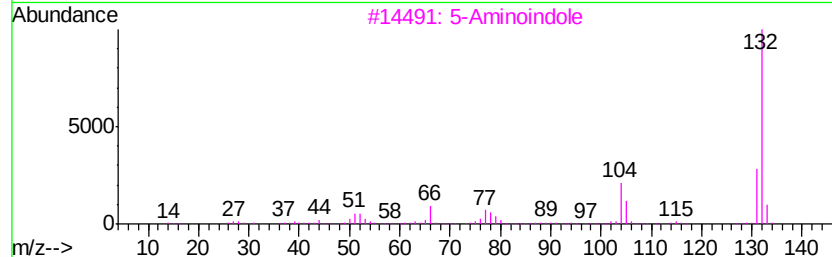
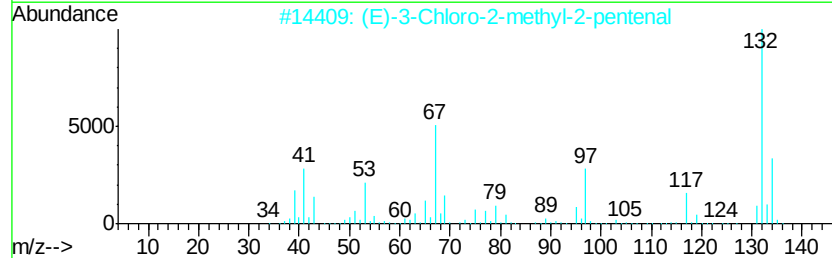
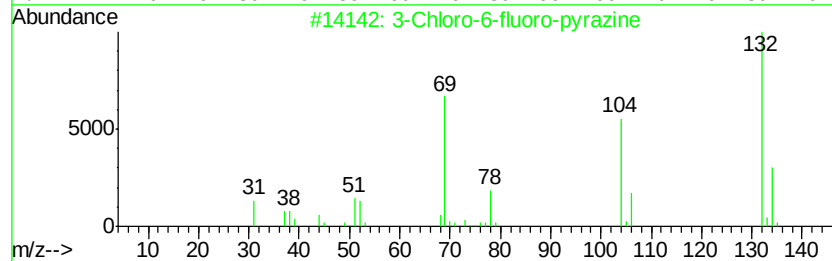
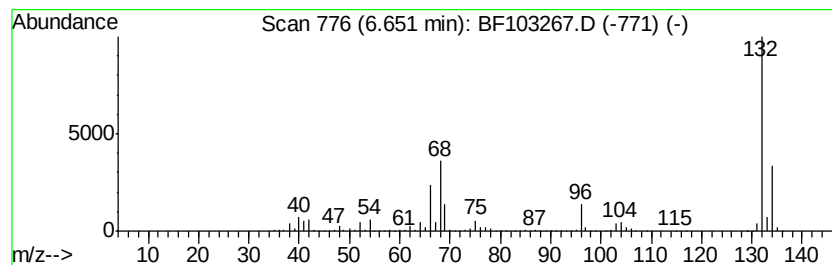
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	70.83 ng	3192110	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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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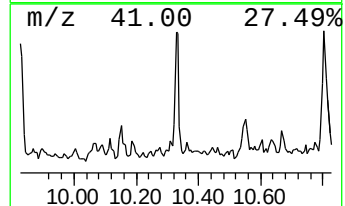
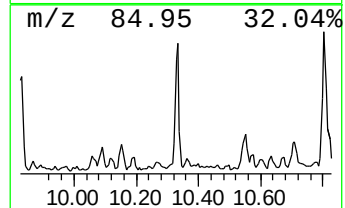
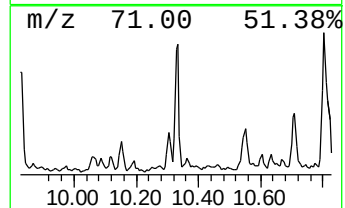
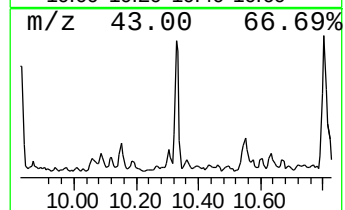
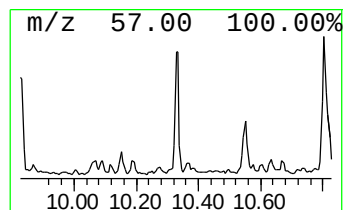
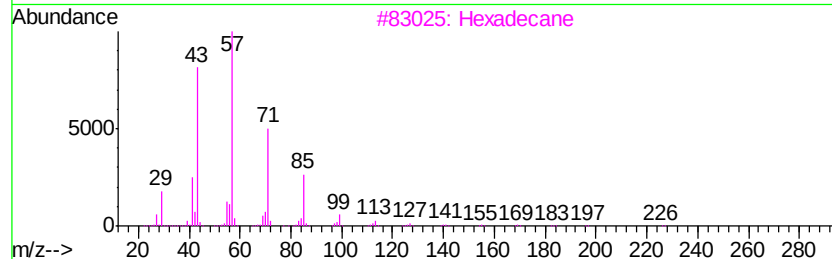
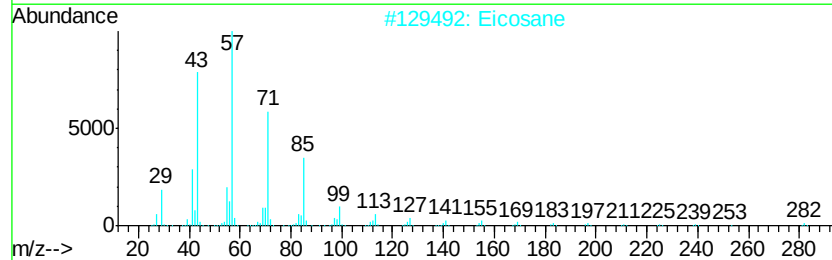
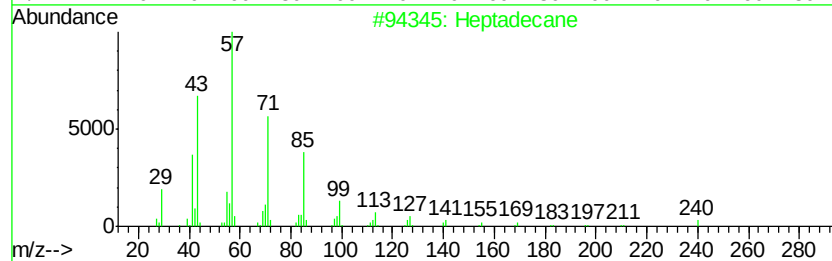
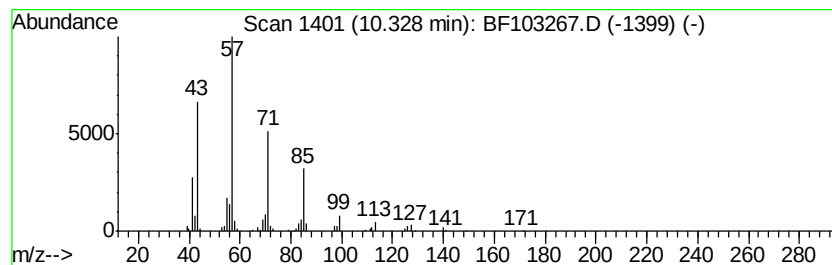
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.33	2.38 ng	140669	Acenaphthene-d10		9.92
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tridecane	184	C13H28	000629-50-5	72



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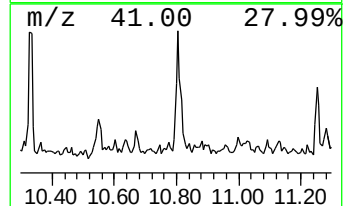
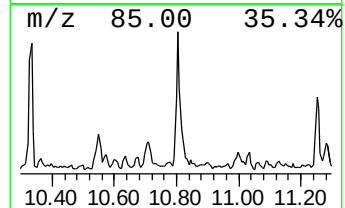
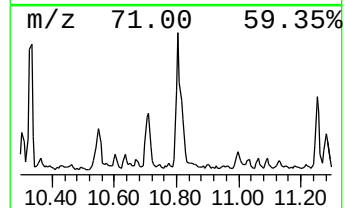
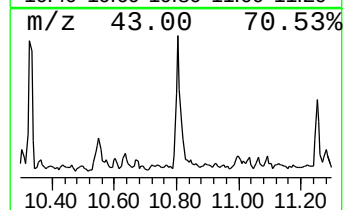
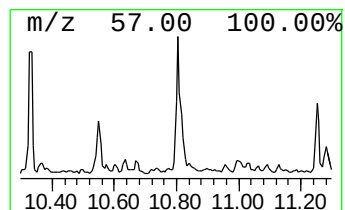
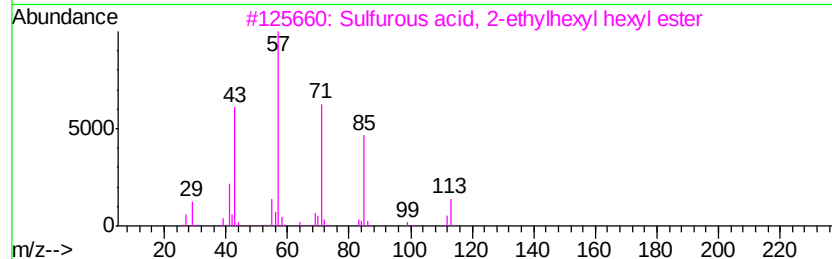
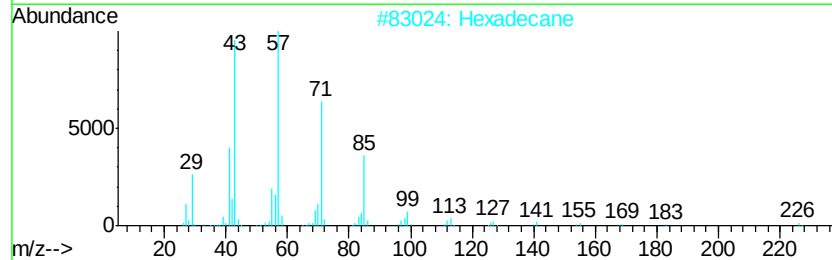
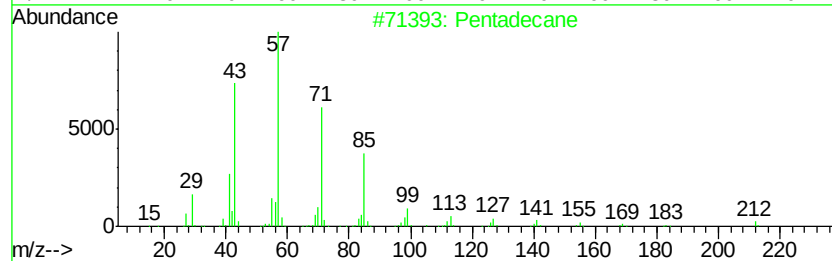
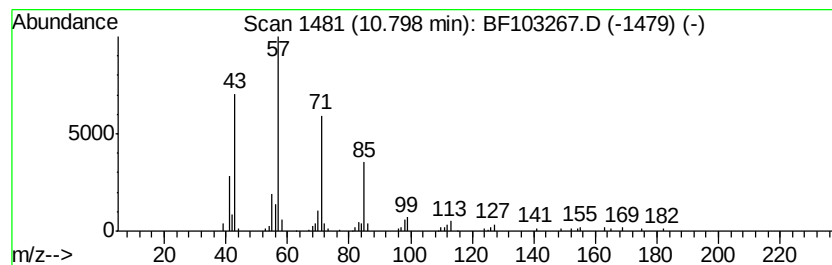
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.16 ng	207484	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80
4	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	72
5	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103267.D
Acq On : 27 Feb 2018 17:08
Operator : SJ/JU
Sample : J1698-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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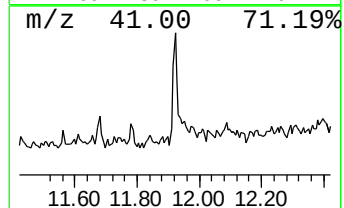
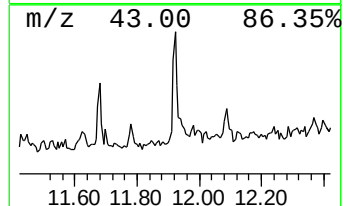
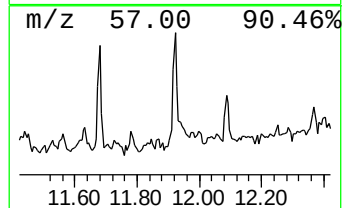
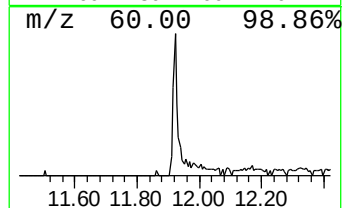
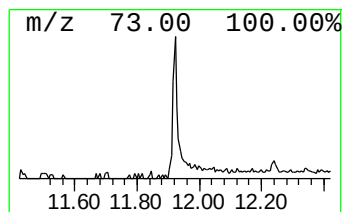
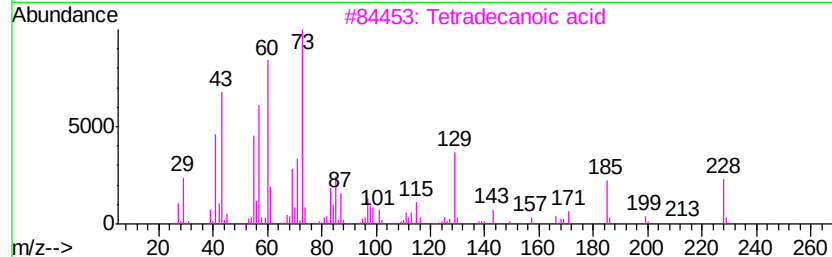
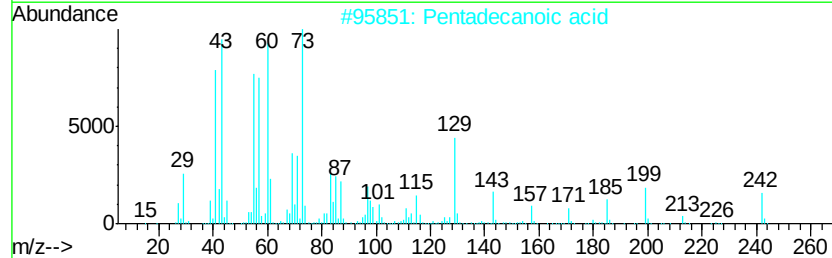
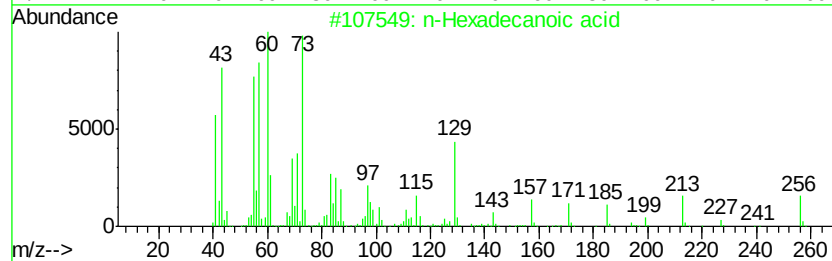
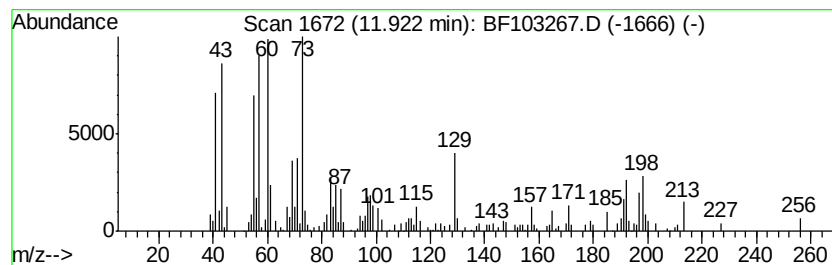
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.67 ng	182893	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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Acq On : 27 Feb 2018 17:08
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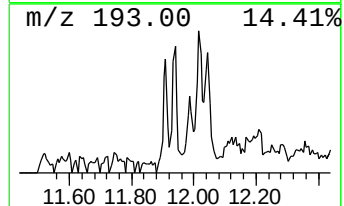
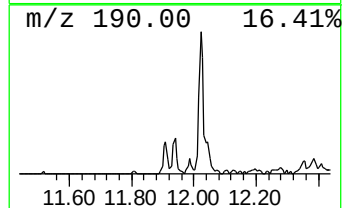
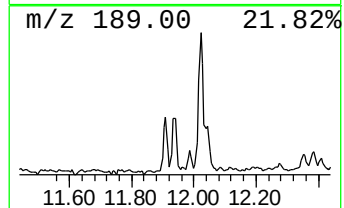
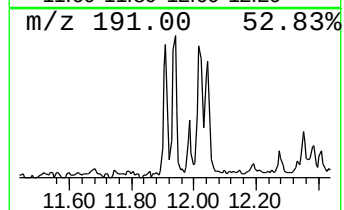
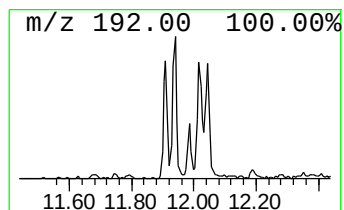
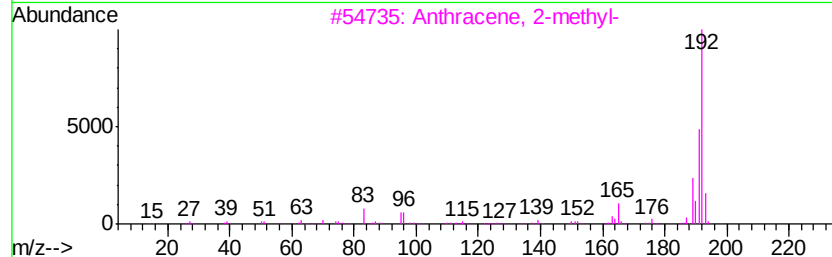
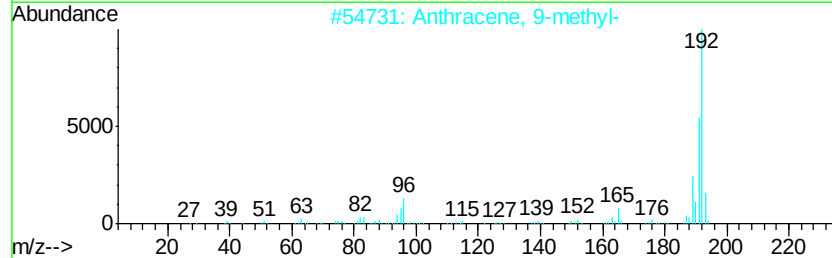
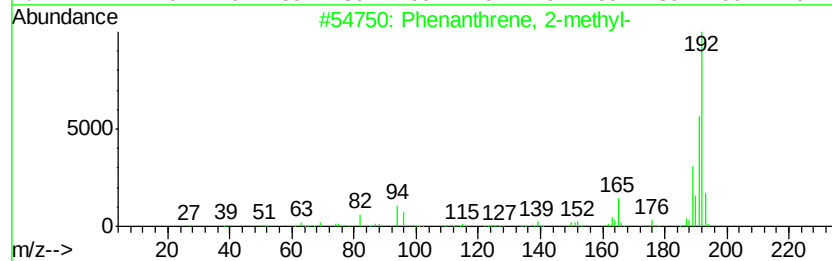
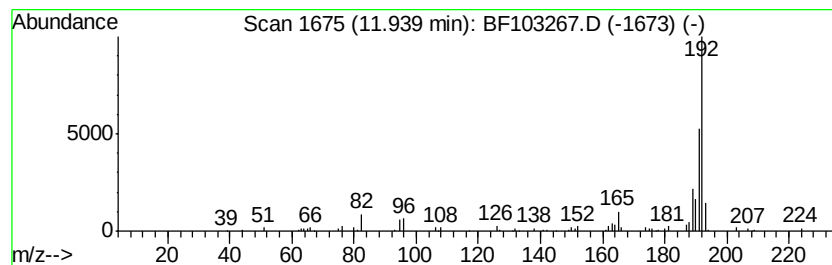
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.04 ng	101577	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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Operator : SJ/JU
Sample : J1698-05
Misc :
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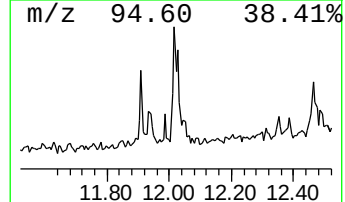
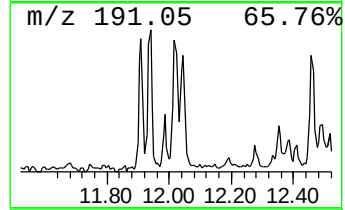
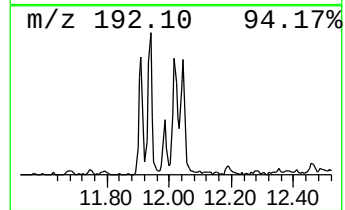
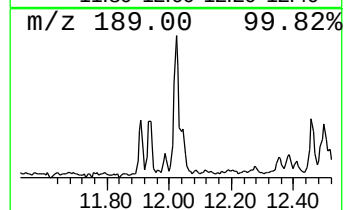
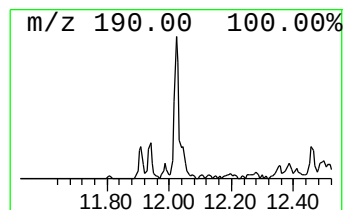
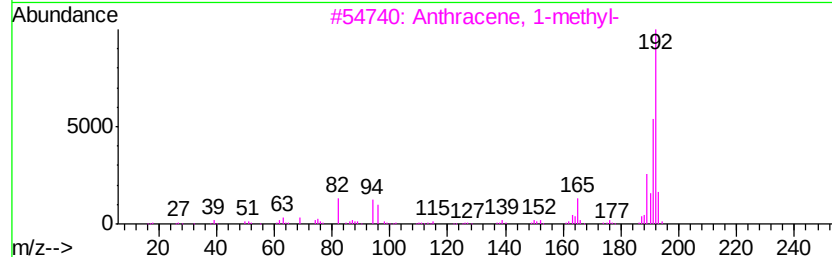
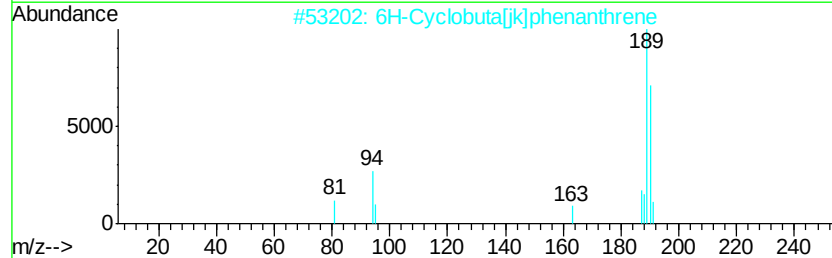
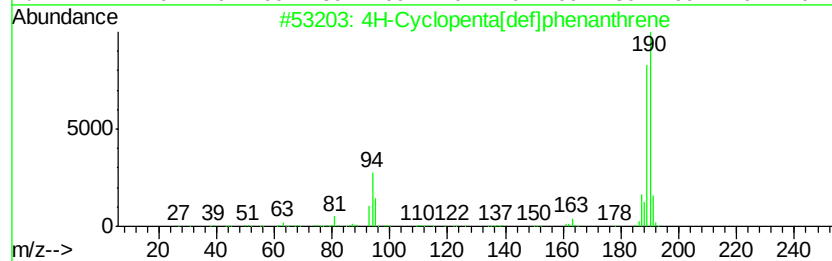
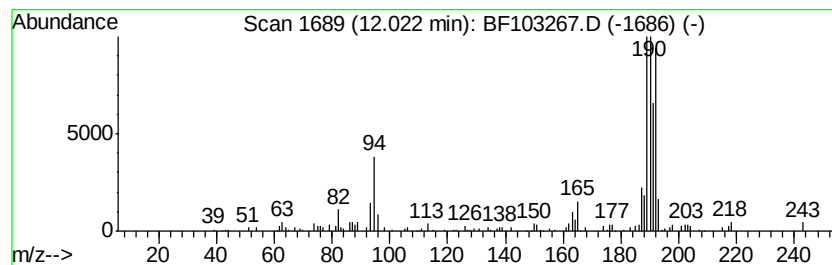
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.02	2.58 ng	128526	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	52
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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Sample : J1698-05
Misc :
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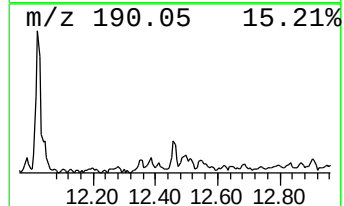
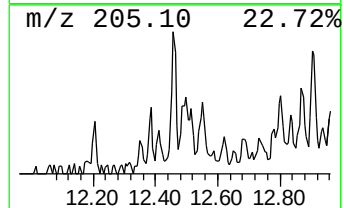
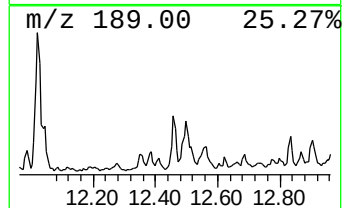
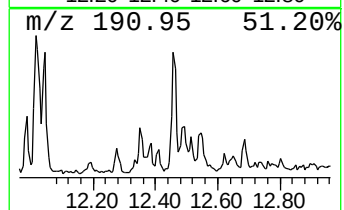
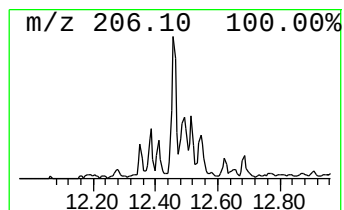
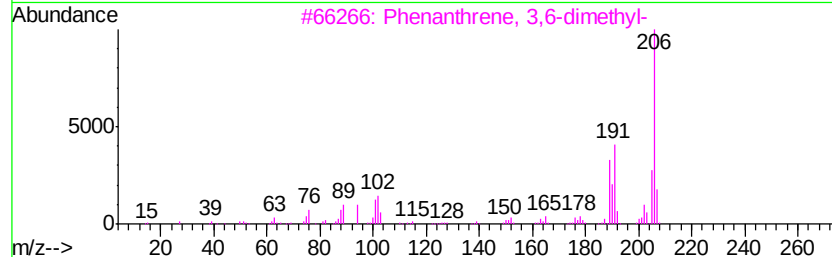
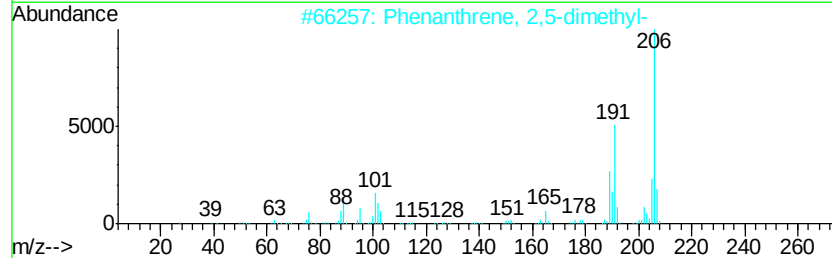
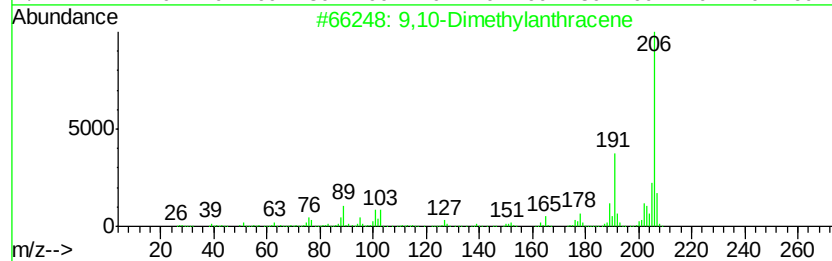
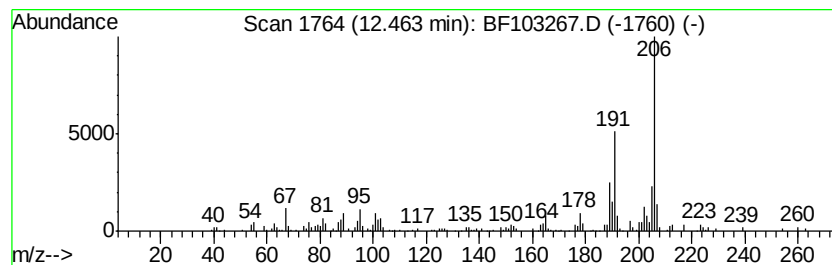
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Dimethylantracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.50 ng	124849	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103267.D
Acq On : 27 Feb 2018 17:08
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Sample : J1698-05
Misc :
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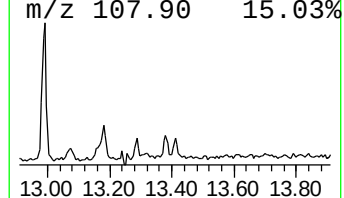
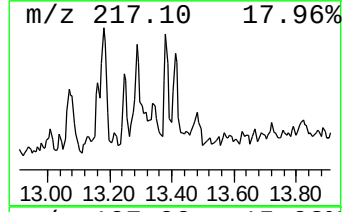
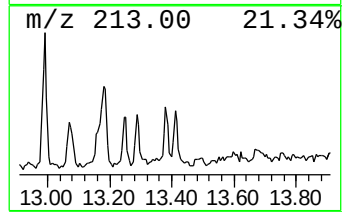
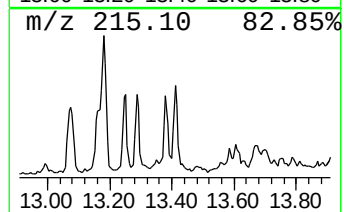
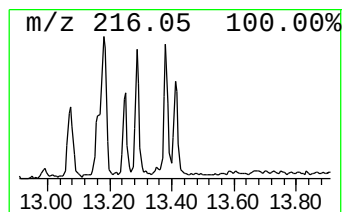
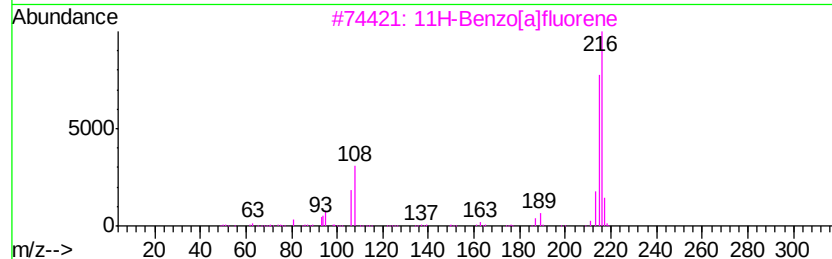
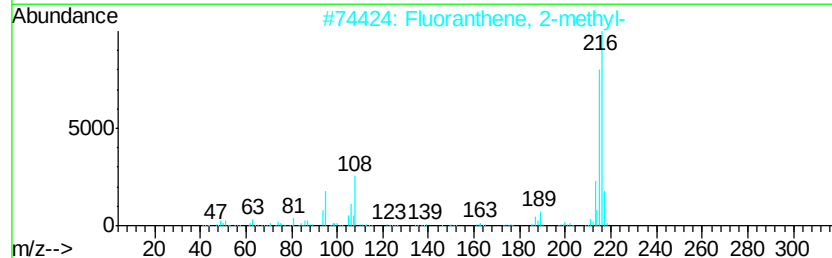
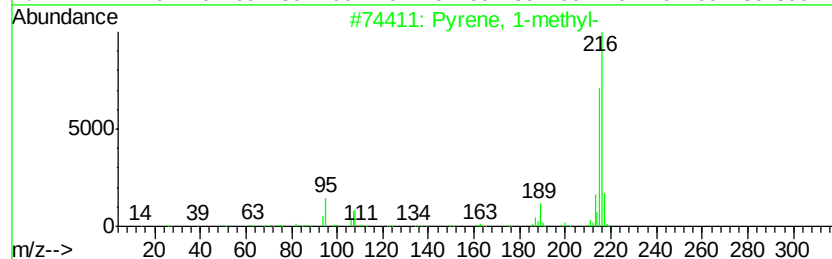
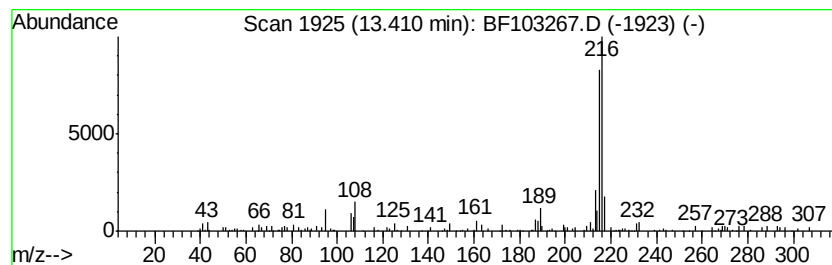
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.09 ng	99282	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzofluorene	216	C17H12	000238-84-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
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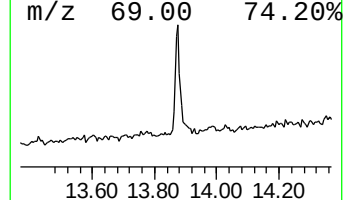
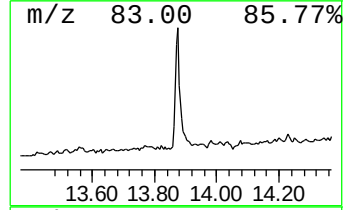
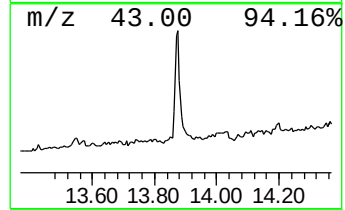
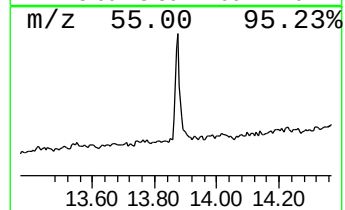
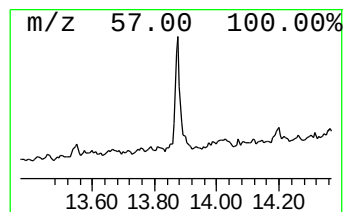
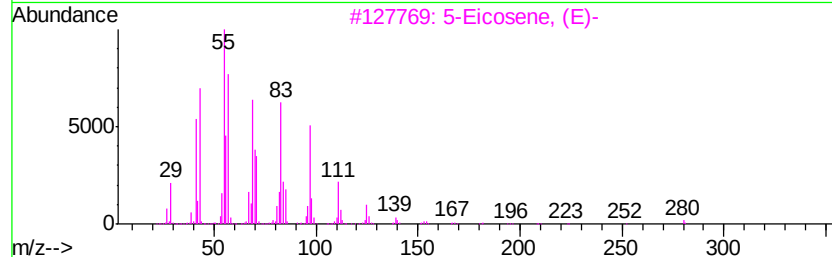
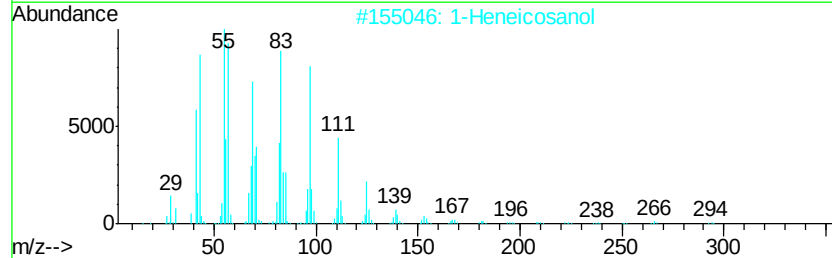
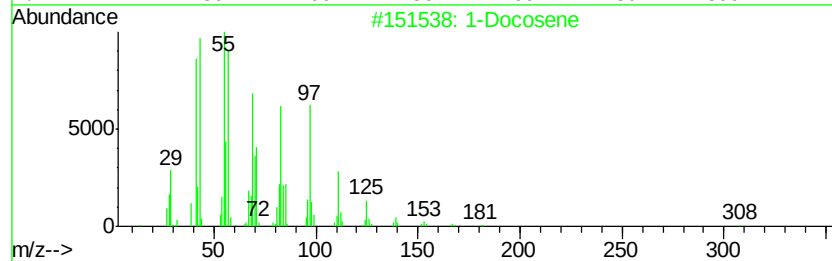
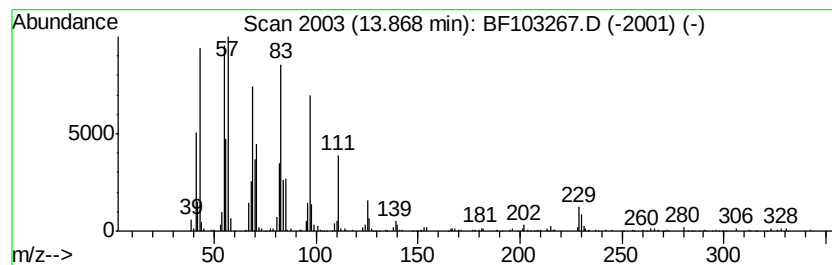
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.87	8.44 ng	400888	Chrysene-d12		14.06
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91



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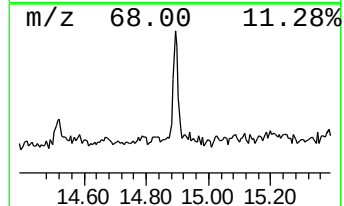
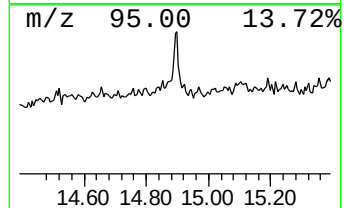
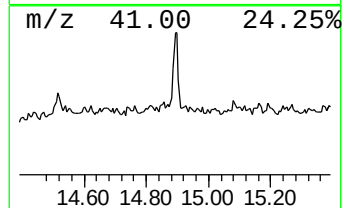
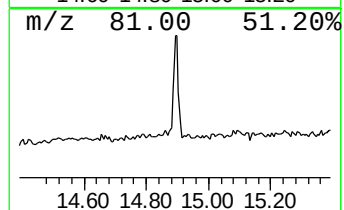
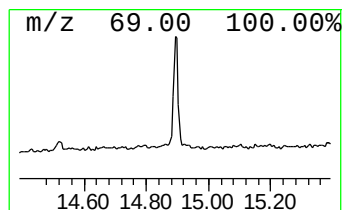
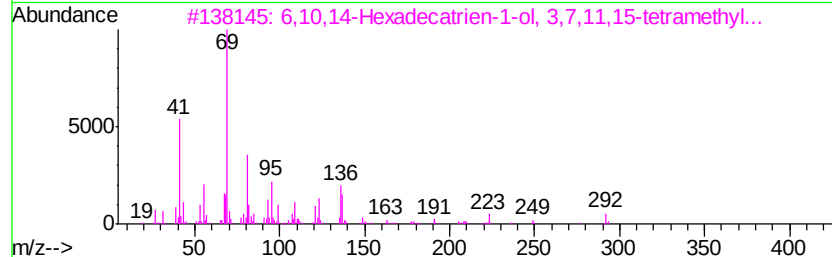
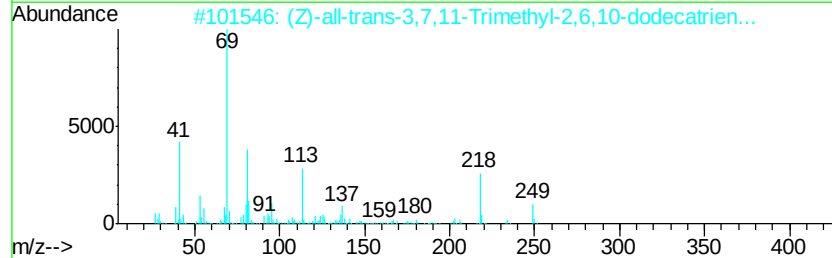
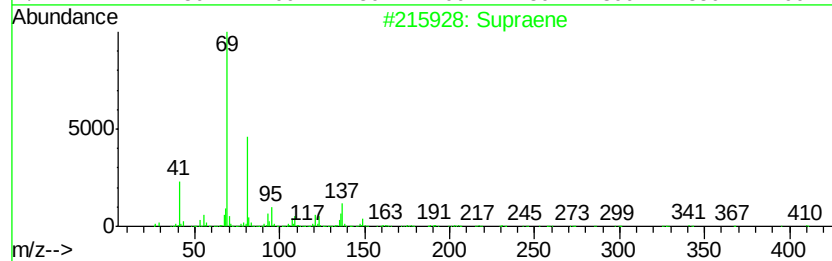
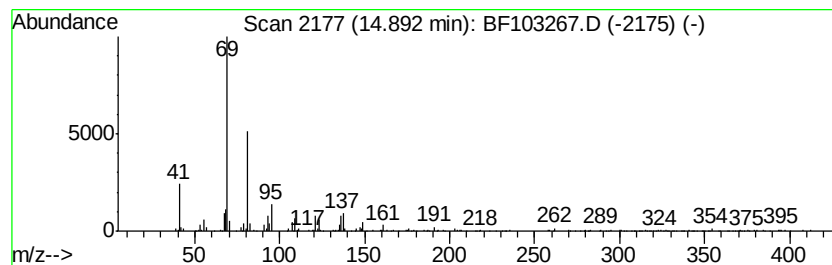
Instrument :
BNA_F
ClientSampleId :
B2

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 13 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.89	8.50 ng	219089	Perylene-d12	15.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	74
2	(Z)-all-trans-3,7,11-Trimethyl-2...	249	C16H27NO	1000161-37-3	56
3	6,10,14-Hexadecatrien-1-ol, 3,7,...	292	C20H36O	036237-66-8	56
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	53
5	4-Oxo-.beta.-damascone	206	C13H18O2	053398-08-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103267.D
Acq On : 27 Feb 2018 17:08
Operator : SJ/JU
Sample : J1698-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2

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...	2.13	8.8	ng	395208	1	6.87	901409	20.0
2-Pentanone, 4-hy...	5.11	2.6	ng	116177	1	6.87	901409	20.0
unknown6.65	6.65	70.8	ng	3192110	1	6.87	901409	20.0
Heptadecane	10.33	2.4	ng	140669	3	9.92	1180950	20.0
Pentadecane	10.80	4.2	ng	207484	4	11.40	997880	20.0
n-Hexadecanoic acid	11.92	3.7	ng	182893	4	11.40	997880	20.0
Phenanthrene, 2-m...	11.94	2.0	ng	101577	4	11.40	997880	20.0
4H-Cyclopenta[def...	12.02	2.6	ng	128526	4	11.40	997880	20.0
9,10-Dimethylanthe...	12.46	2.5	ng	124849	4	11.40	997880	20.0
Pyrene, 1-methyl-	13.41	2.1	ng	99282	5	14.06	950129	20.0
1-Docosene	13.87	8.4	ng	400888	5	14.06	950129	20.0
Supraene	14.89	8.5	ng	219089	6	15.56	515549	20.0