

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106822.D
 Acq On : 26 Jun 2018 15:01
 Operator : JU/SJ
 Sample : J3676-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

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-BF061918.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	5.201	483	487	498	rBB	93875	115474	2.05%	0.495%
2	5.601	551	555	559	rBV	954064	957178	16.97%	4.101%
3	6.607	721	726	734	rVB	946863	994245	17.63%	4.260%
4	6.737	744	748	751	rBV	1038514	1002628	17.78%	4.296%
5	6.960	782	786	789	rBV	356576	274320	4.86%	1.175%
6	7.119	808	813	816	rBV	838070	743573	13.19%	3.186%
7	7.525	877	882	885	rBV	673905	636853	11.29%	2.729%
8	8.242	1000	1004	1006	rBV	407194	342726	6.08%	1.468%
9	8.266	1006	1008	1011	rVB	123081	96222	1.71%	0.412%
10	9.319	1182	1187	1190	rBV	1009597	928356	16.46%	3.977%
11	9.707	1250	1253	1260	rVB	239151	188141	3.34%	0.806%
12	10.001	1300	1303	1306	rBV2	405094	352220	6.25%	1.509%
13	10.036	1306	1309	1312	rVB	98790	80169	1.42%	0.343%
14	10.207	1333	1338	1341	rVV	96404	87436	1.55%	0.375%
15	10.554	1393	1397	1402	rVB	157487	147688	2.62%	0.633%
16	10.795	1434	1438	1442	rBV	688916	676143	11.99%	2.897%
17	11.495	1553	1557	1559	rBV	385713	343674	6.09%	1.472%
18	11.524	1559	1562	1565	rVV	805124	706680	12.53%	3.028%
19	11.572	1565	1570	1573	rVV	244482	200345	3.55%	0.858%
20	11.995	1639	1642	1645	rBV	97340	88646	1.57%	0.380%
21	12.024	1645	1647	1651	rVB	138478	106578	1.89%	0.457%
22	12.113	1658	1662	1664	rBV2	159799	169171	3.00%	0.725%
23	12.289	1689	1692	1695	rVB	74511	62836	1.11%	0.269%
24	12.548	1732	1736	1739	rBV2	49856	60425	1.07%	0.259%
25	12.719	1760	1765	1768	rBV	841064	791313	14.03%	3.390%
26	12.948	1801	1804	1809	rVB	749256	687170	12.19%	2.944%
27	13.077	1821	1826	1829	rBV	883148	818662	14.52%	3.507%
28	13.154	1835	1839	1844	rBV2	52552	91641	1.63%	0.393%
29	13.271	1852	1859	1866	rBV	175874	238992	4.24%	1.024%
30	13.336	1867	1870	1873	rBV	132708	118080	2.09%	0.506%
31	13.377	1873	1877	1880	rBV2	69817	77524	1.37%	0.332%
32	13.760	1939	1942	1945	rBV2	59700	71012	1.26%	0.304%
33	13.901	1963	1966	1968	rBV	63490	61100	1.08%	0.262%
34	13.930	1968	1971	1973	rVV	70457	66593	1.18%	0.285%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.965	1973	1977	1985	rVV5	193000	272540	4.83%	1.168%
36	14.160	2005	2010	2013	rBV2	486373	719888	12.77%	3.084%
37	14.189	2013	2015	2022	rVB	350386	282528	5.01%	1.210%
38	14.430	2053	2056	2058	rVB2	76199	68406	1.21%	0.293%
39	14.595	2081	2084	2086	rBV3	76373	71379	1.27%	0.306%
40	14.630	2087	2090	2099	rVB7	129635	272203	4.83%	1.166%
41	14.971	2146	2148	2153	rVB4	49910	62317	1.11%	0.267%
42	15.101	2167	2170	2175	rVB2	130839	149628	2.65%	0.641%
43	15.265	2193	2198	2200	rBV	250108	385399	6.83%	1.651%
44	15.336	2207	2210	2214	rVB2	74252	92244	1.64%	0.395%
45	15.383	2215	2218	2225	rVB2	55059	90144	1.60%	0.386%
46	15.589	2249	2253	2259	rVB	132474	177605	3.15%	0.761%
47	15.654	2260	2264	2269	rBV	189138	260430	4.62%	1.116%
48	15.724	2272	2276	2279	rVV	157916	203258	3.60%	0.871%
49	15.924	2307	2310	2318	rVB2	79536	118670	2.10%	0.508%
50	16.130	2341	2345	2357	rVB4	161834	357068	6.33%	1.530%
51	16.442	2394	2398	2403	rVB	117183	166904	2.96%	0.715%
52	16.989	2484	2491	2502	rBV2	311392	667856	11.84%	2.861%
53	17.301	2538	2544	2554	rVB2	117771	278530	4.94%	1.193%
54	17.618	2592	2598	2604	rBV2	218158	449143	7.97%	1.924%
55	17.989	2656	2661	2668	rBV7	81611	171719	3.05%	0.736%
56	18.577	2741	2761	2775	rBV3	1207860	5638886	100.00%	24.159%

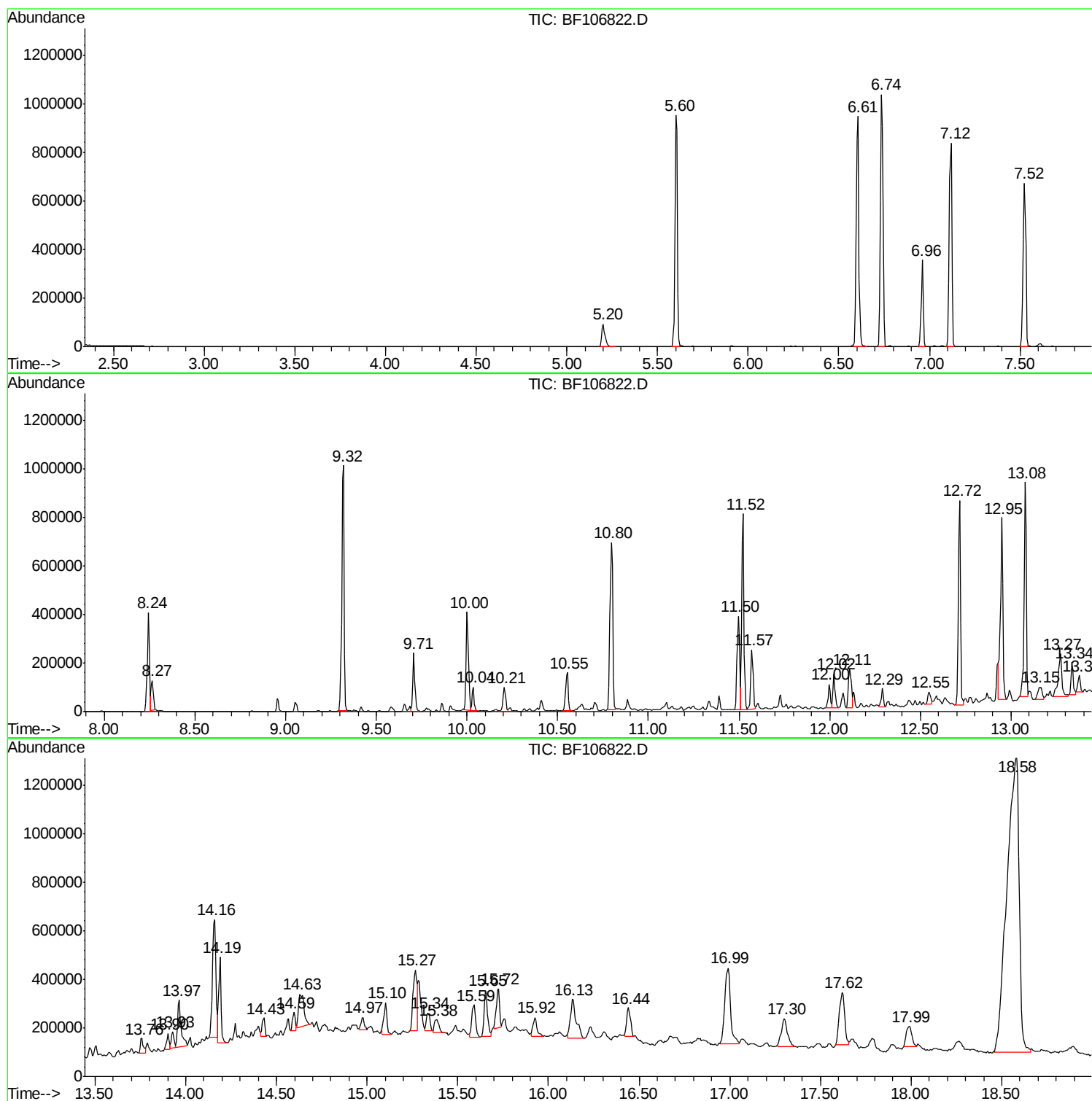
Sum of corrected areas: 23340559

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RO-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

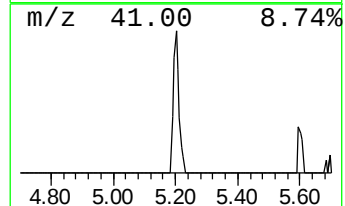
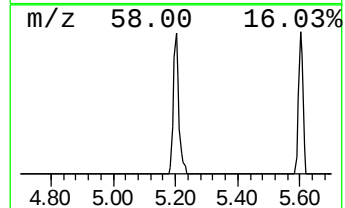
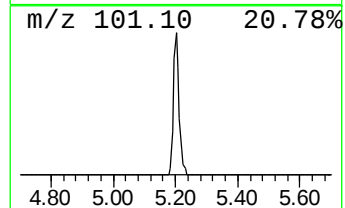
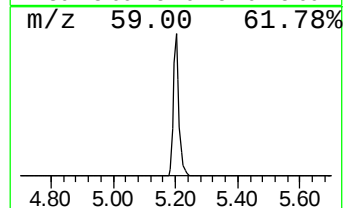
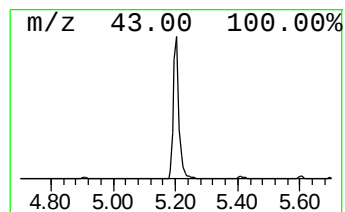
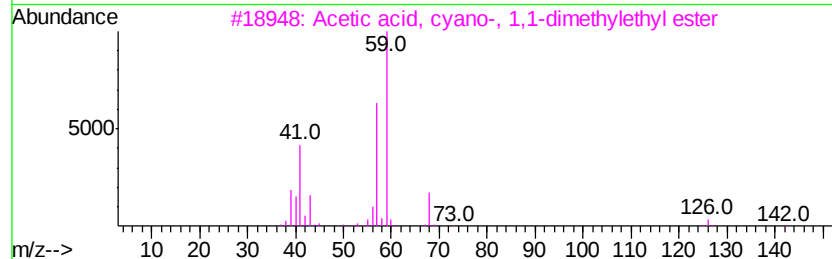
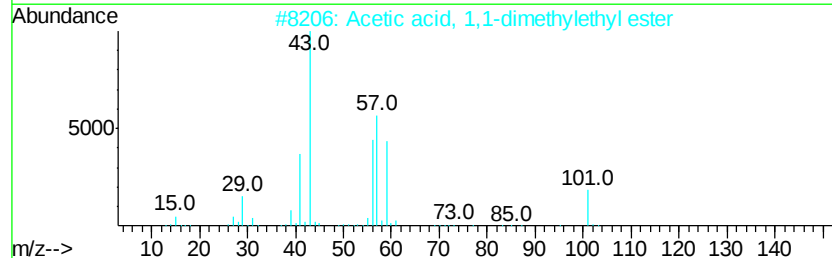
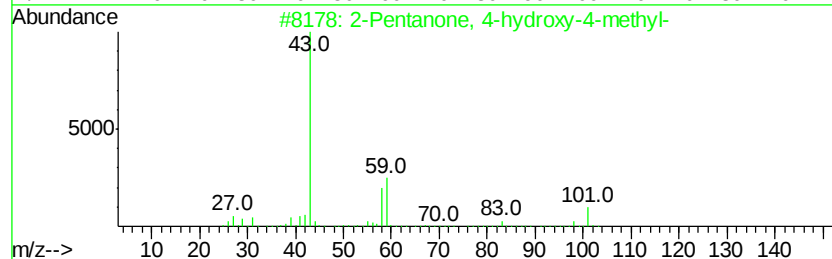
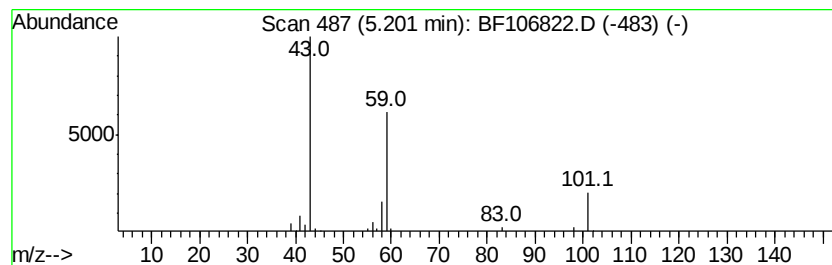
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	8.42 ng	115474	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

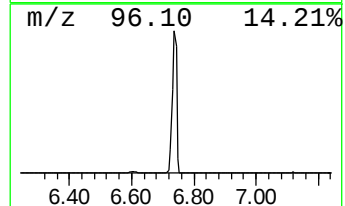
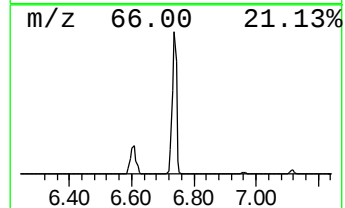
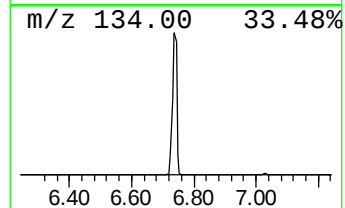
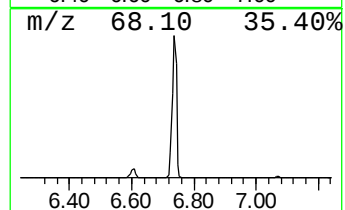
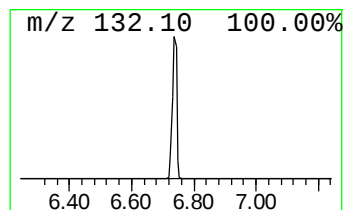
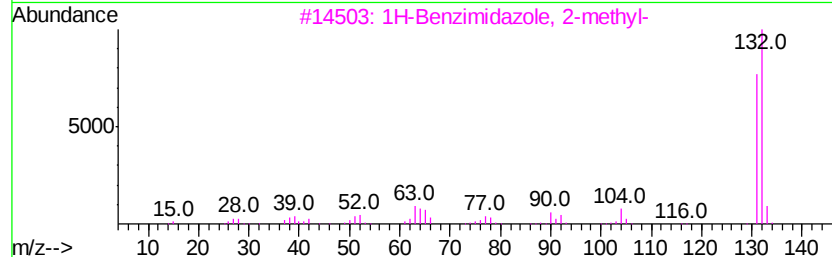
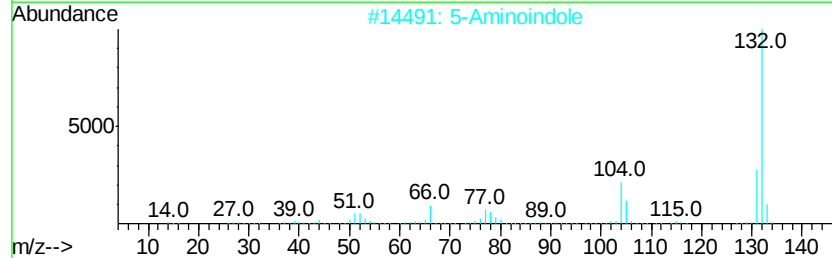
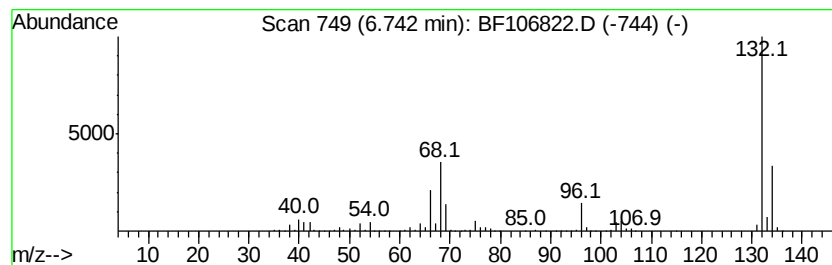
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	73.10 ng	1002630	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

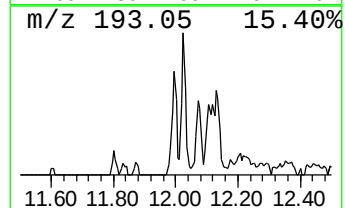
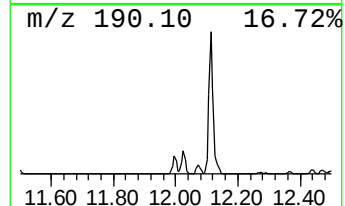
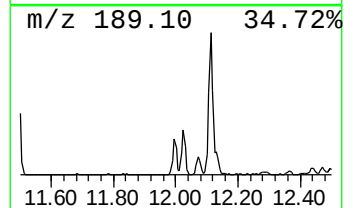
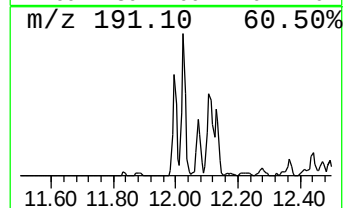
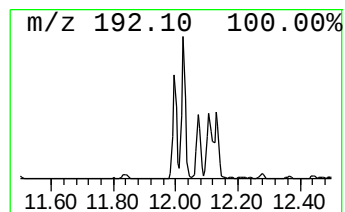
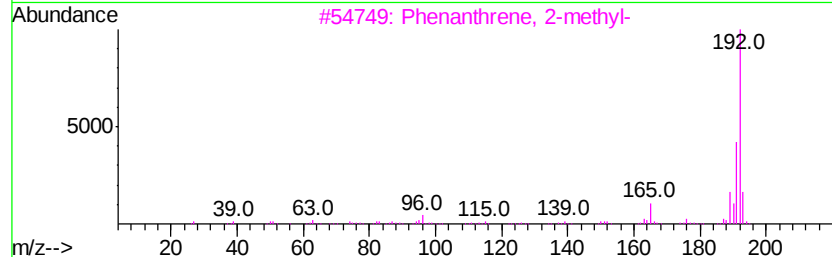
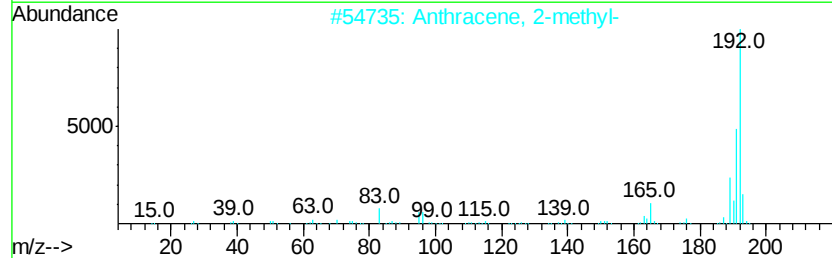
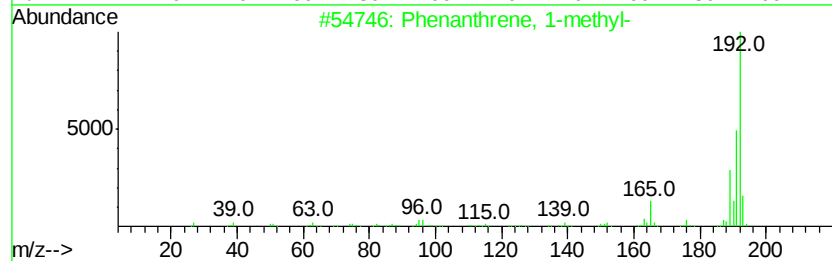
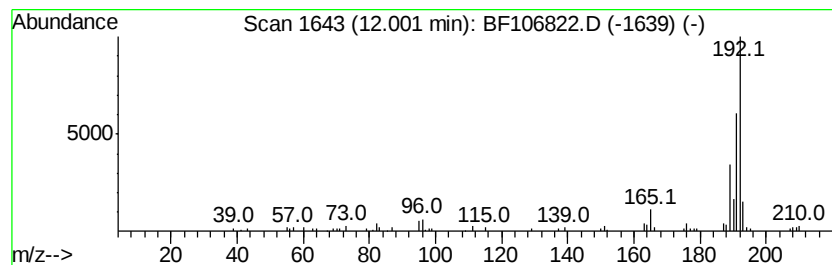
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	5.16 ng	88646	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

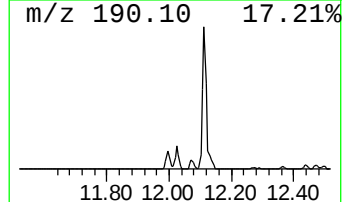
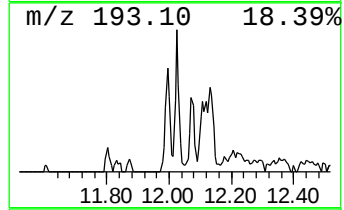
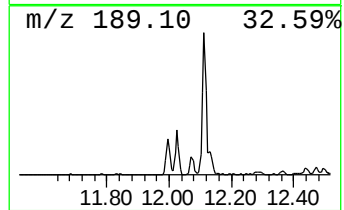
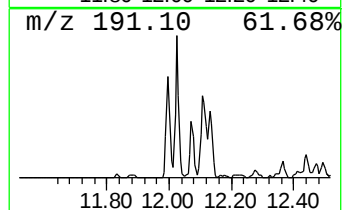
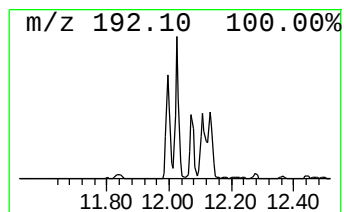
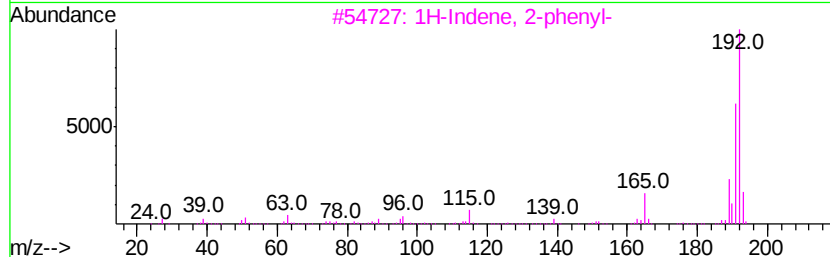
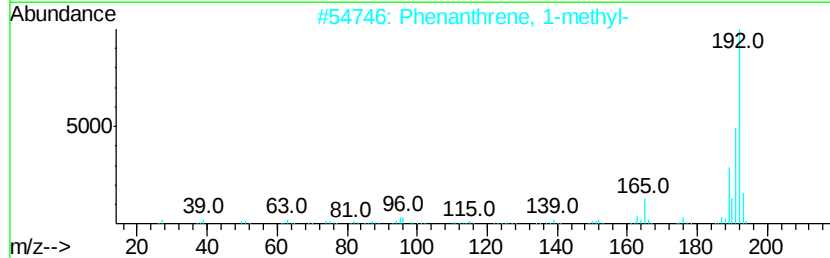
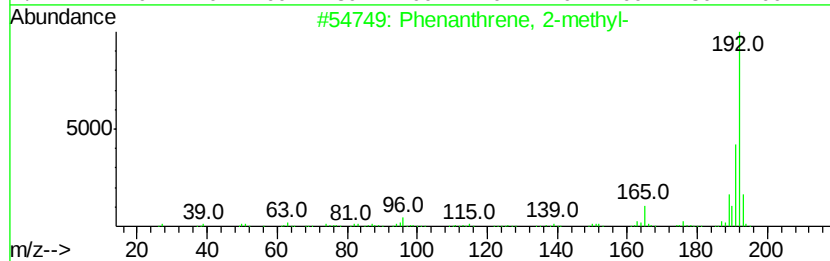
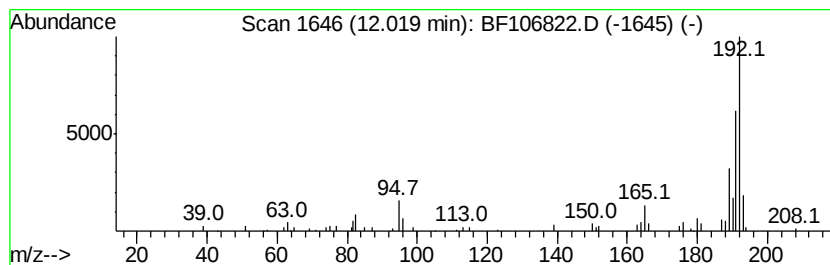
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.20 ng	106578	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

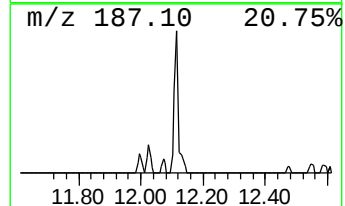
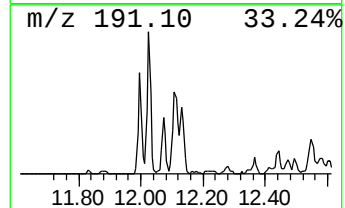
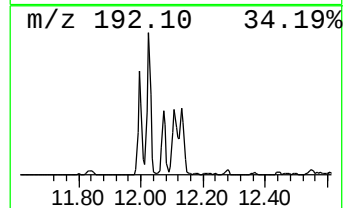
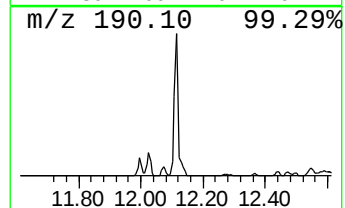
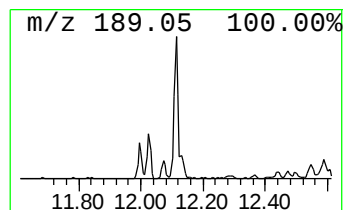
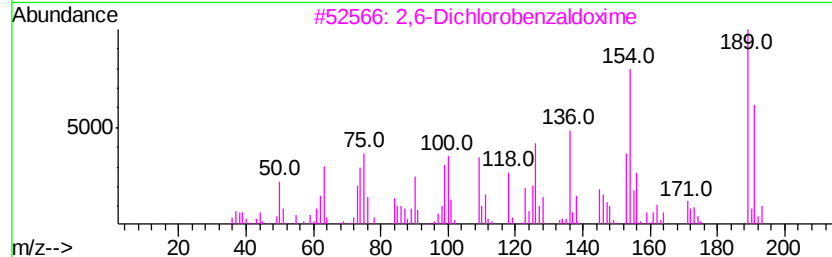
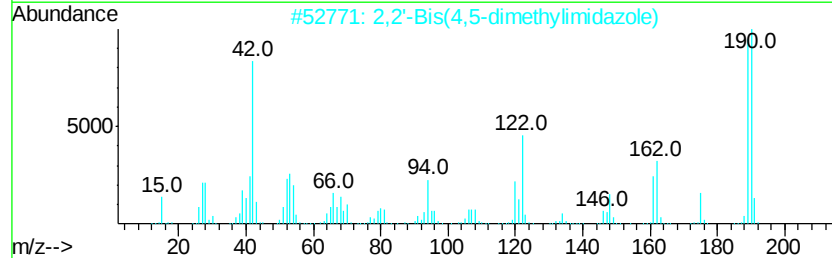
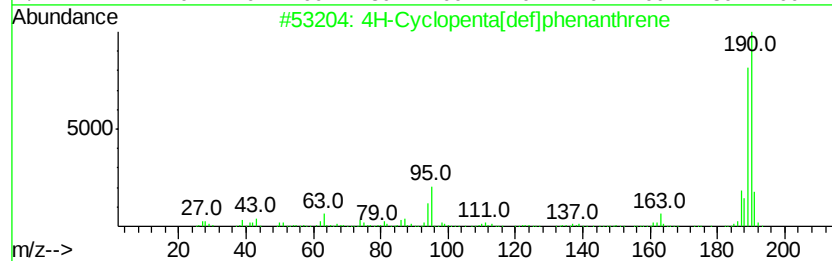
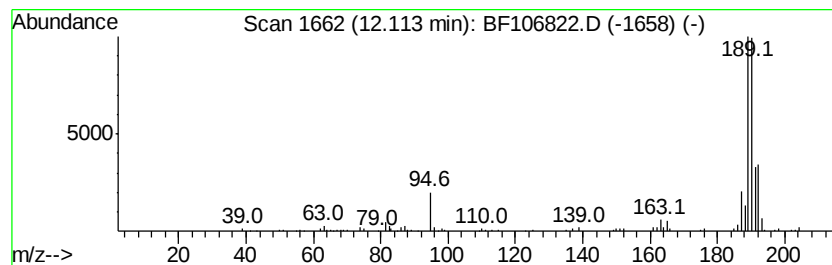
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	9.84 ng	169171	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3			2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
4			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5			4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

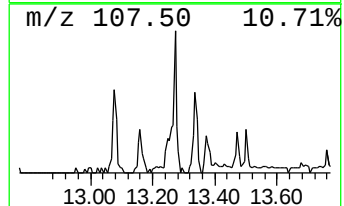
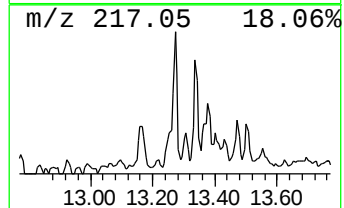
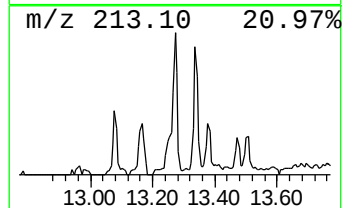
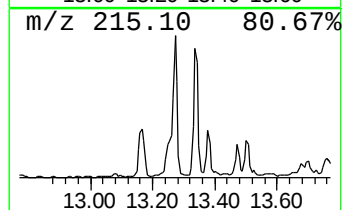
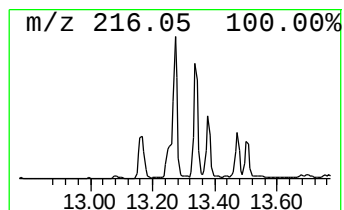
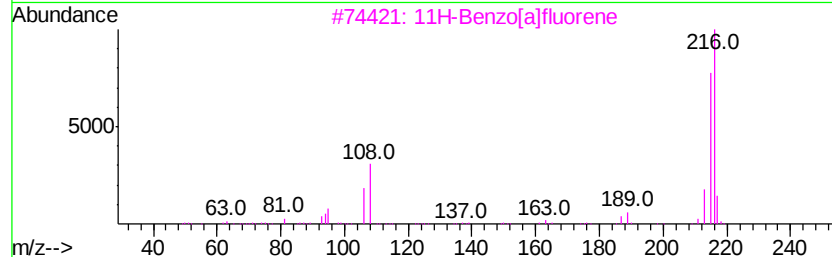
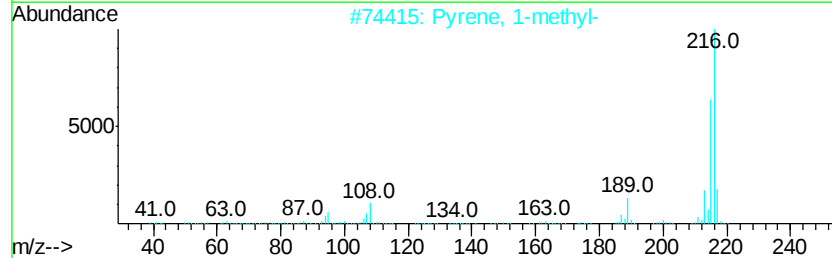
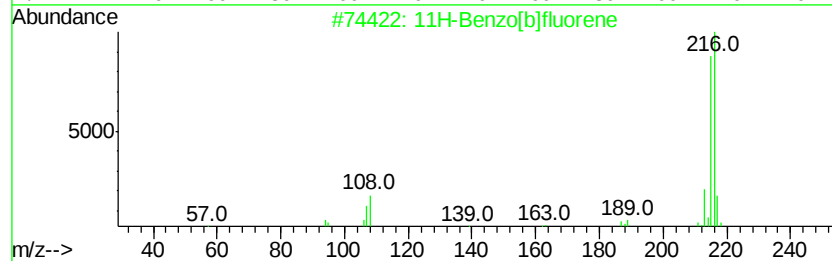
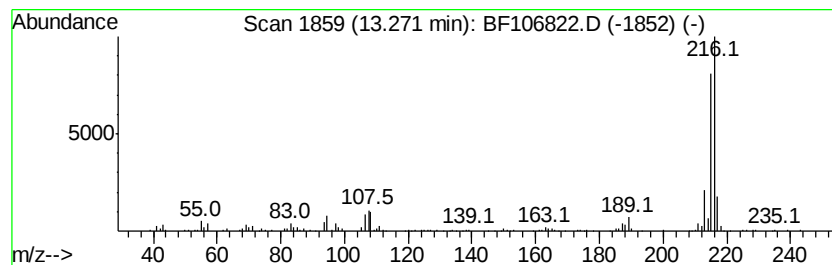
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	6.64 ng	238992	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

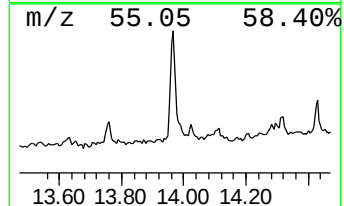
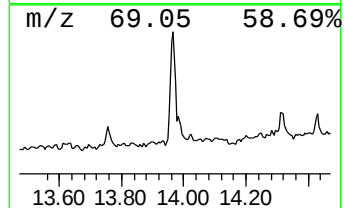
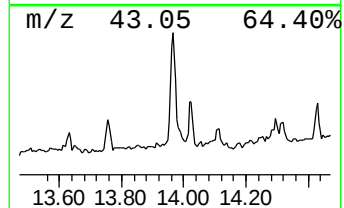
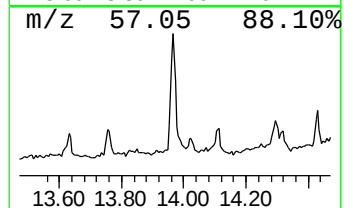
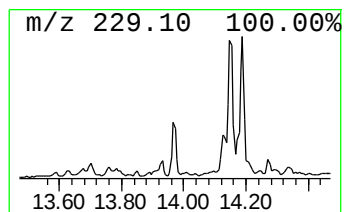
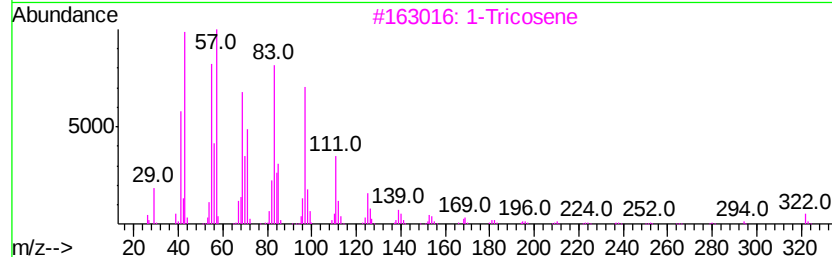
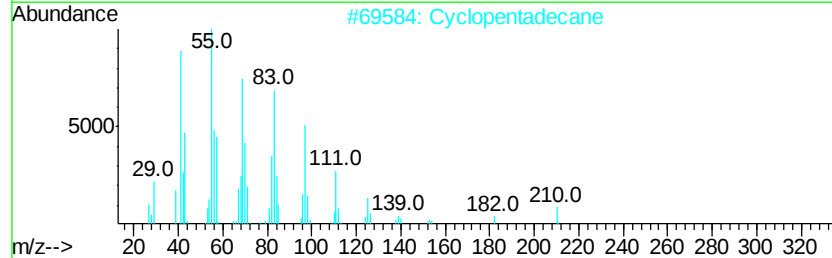
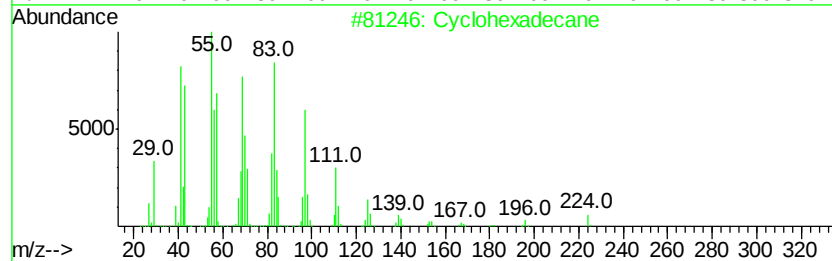
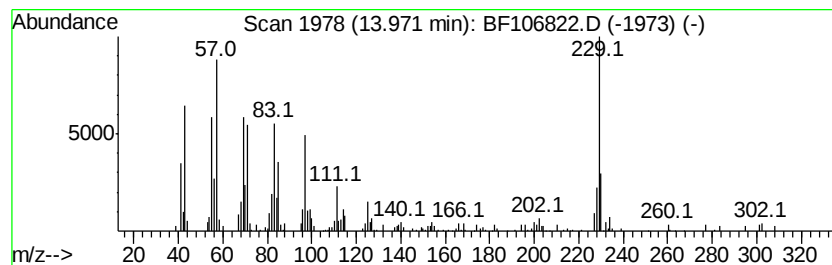
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.57 ng	272540	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	96
2		Cyclopentadecane	210	C15H30	000295-48-7	95
3		1-Tricosene	322	C23H46	018835-32-0	91
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	90
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

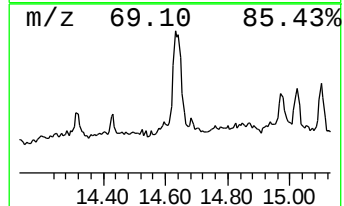
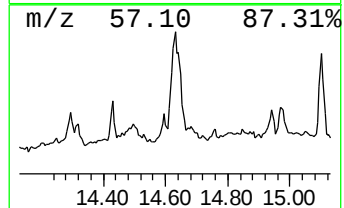
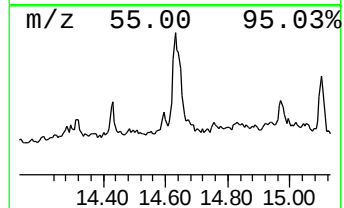
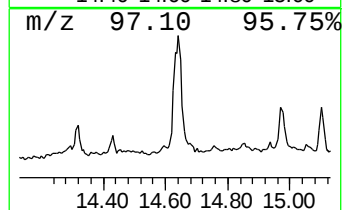
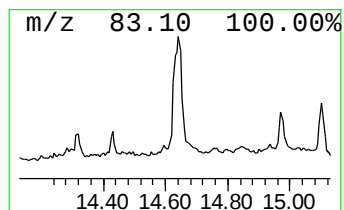
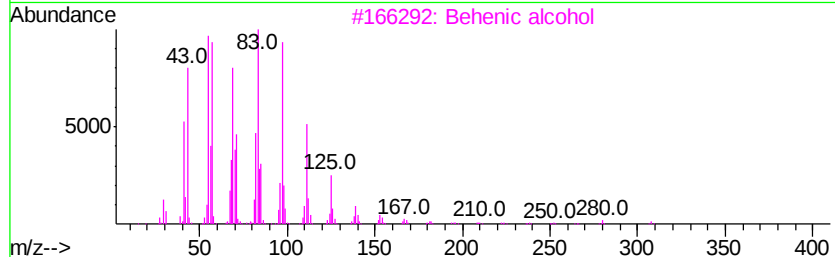
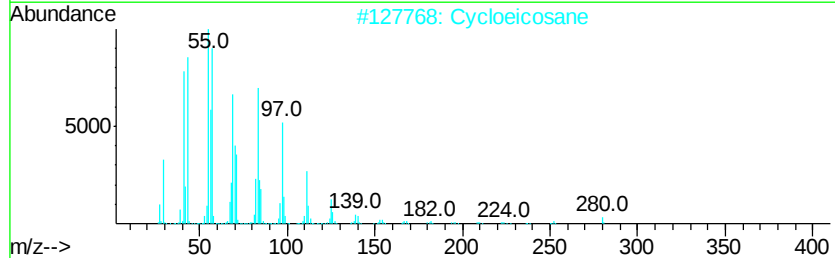
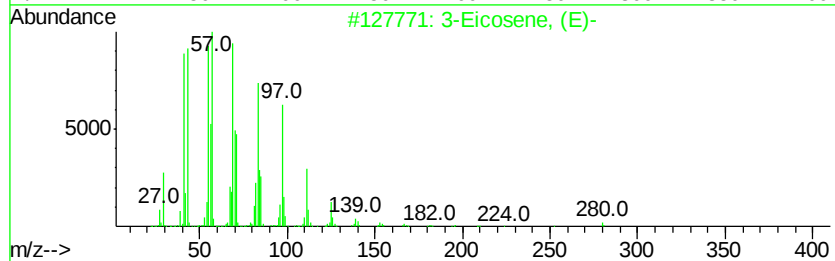
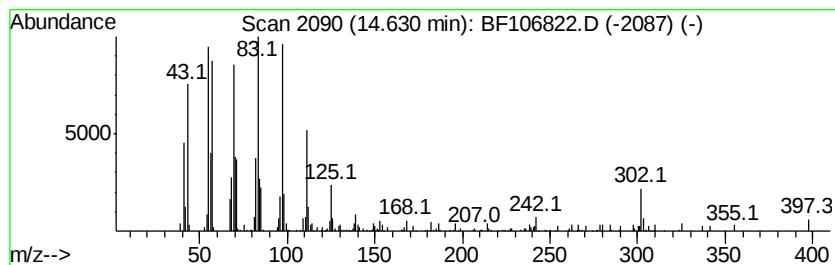
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Eicosene, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	7.56 ng	272203	Chrysene-d12	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2			Cycloeicosane	280	C20H40	000296-56-0	94
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

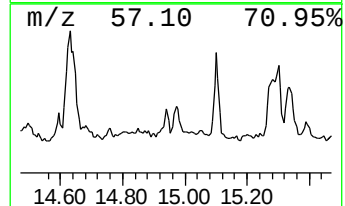
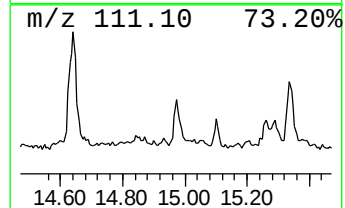
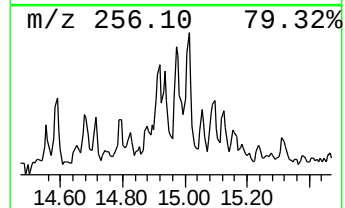
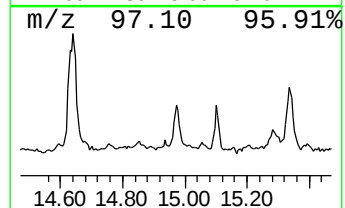
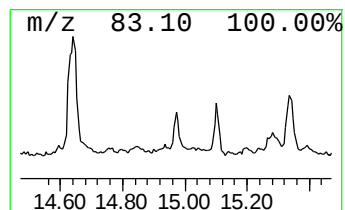
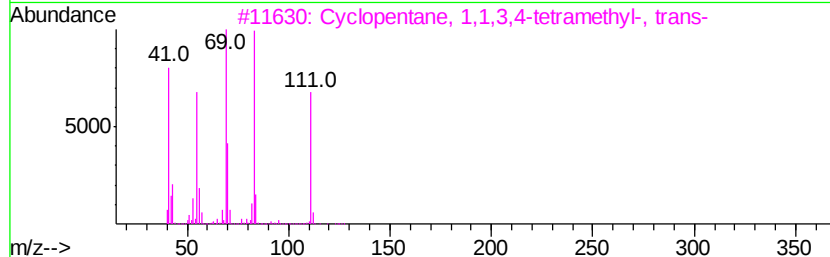
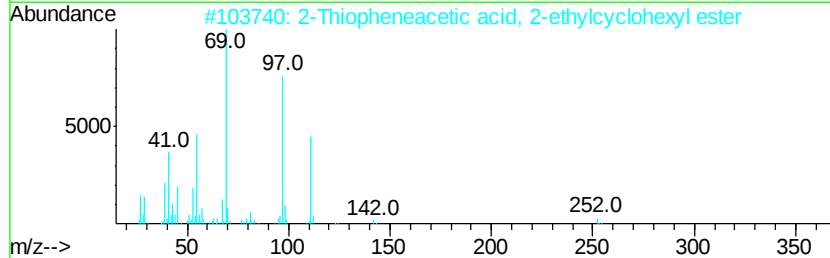
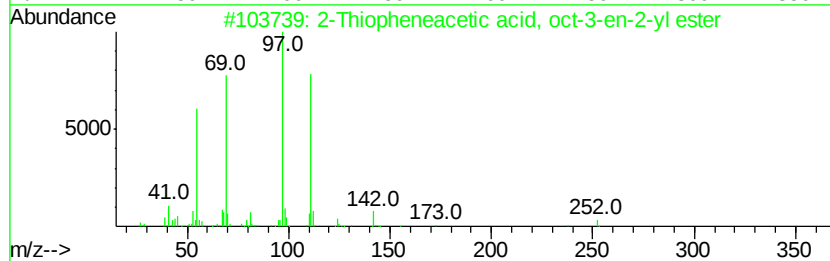
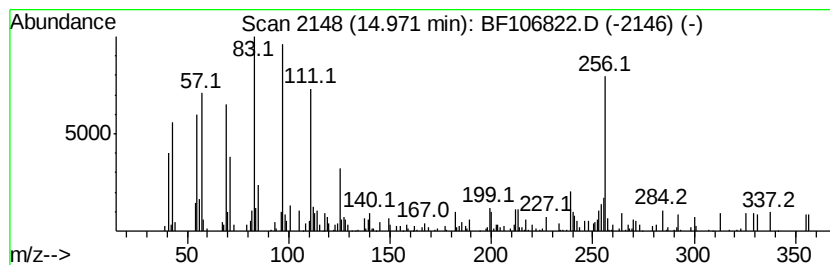
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.97 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	6.13 ng	62317	Perylene-d12	15.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1000299-38-6	42
2		2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	30
3		Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	27
4		Triallylmethylsilane	166	C10H18Si	001112-91-0	18
5		Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RO-1-4

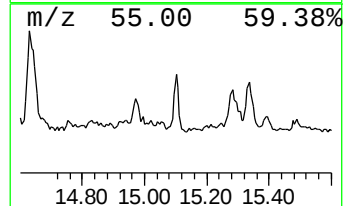
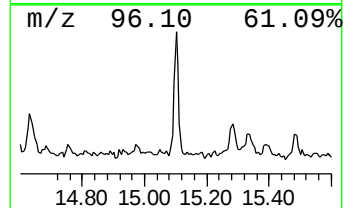
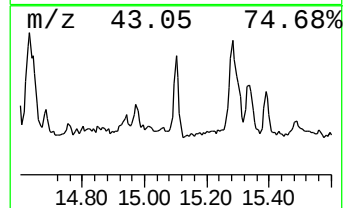
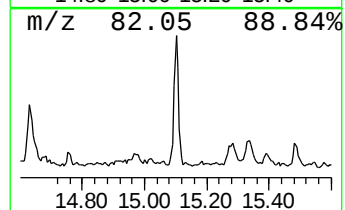
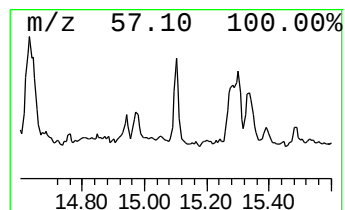
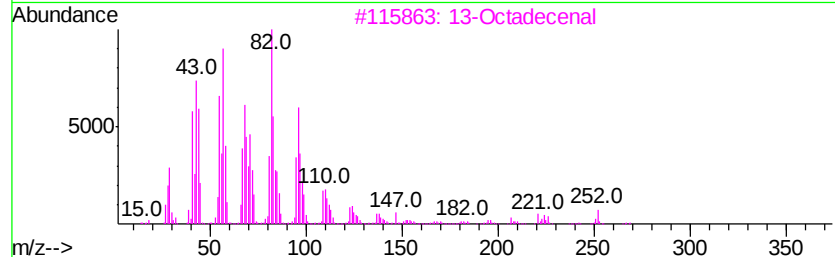
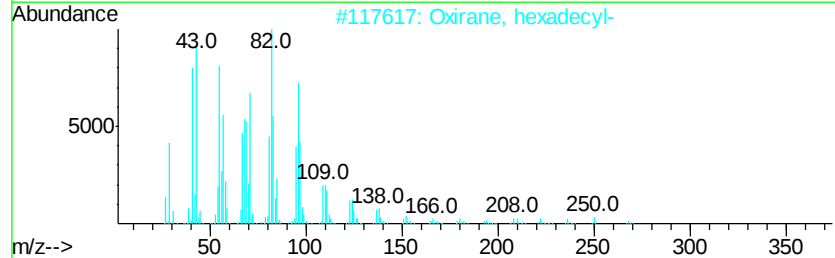
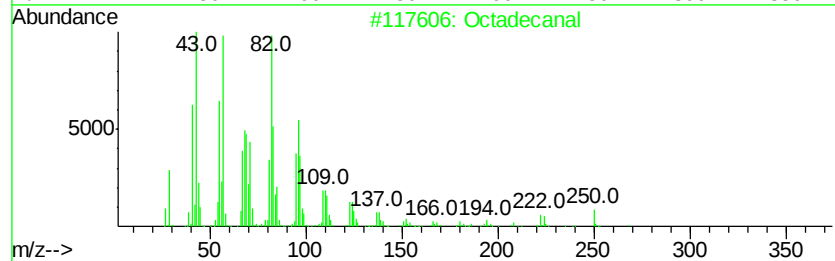
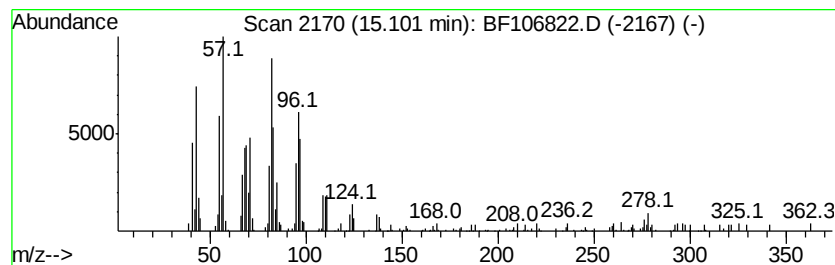
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	14.72 ng	149628	Perylene-d12	15.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	93
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		13-Octadecenal	266	C18H34O	056554-90-6	86
4		14-Octadecenal	266	C18H34O	056554-89-3	86
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

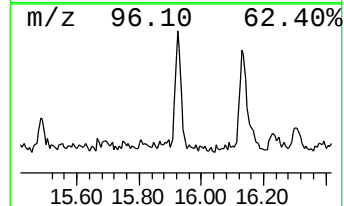
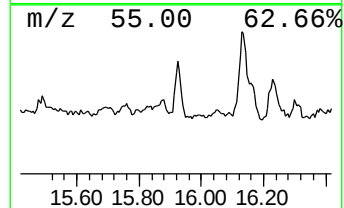
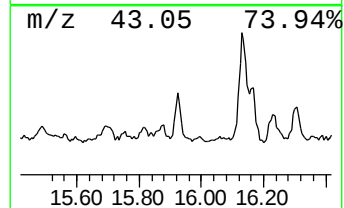
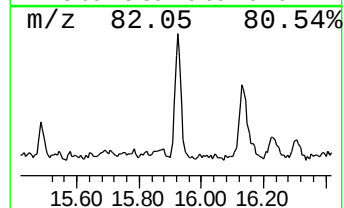
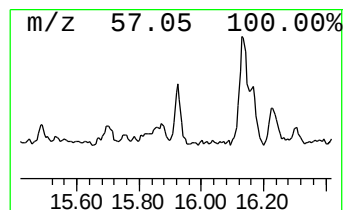
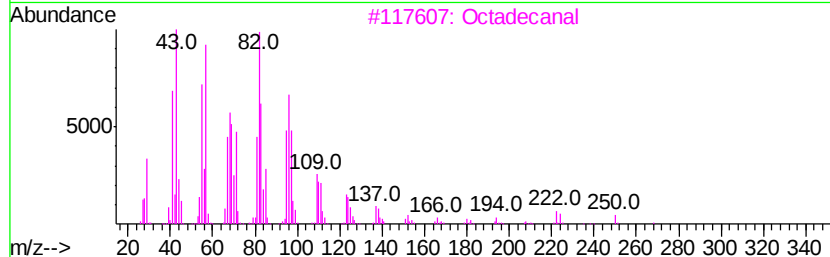
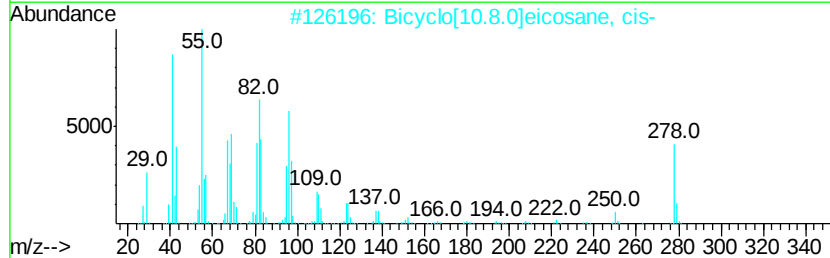
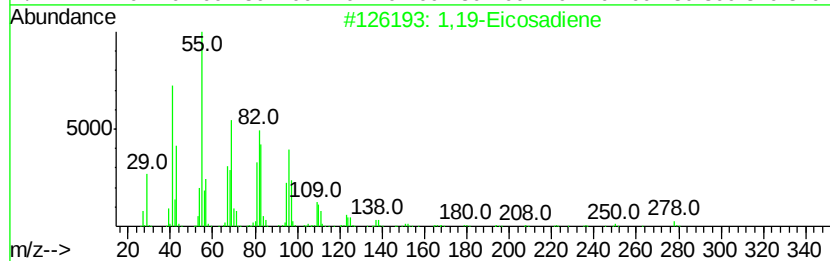
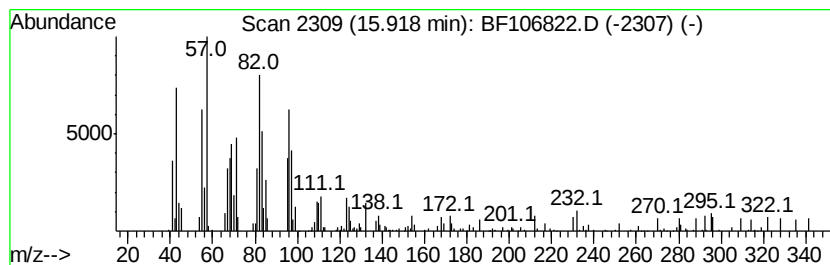
Instrument :
BNA_F
ClientSampleId :
RO-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.92	11.68 ng	118670	Perylene-d12	15.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	92
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

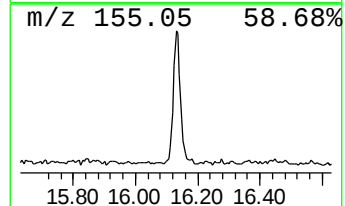
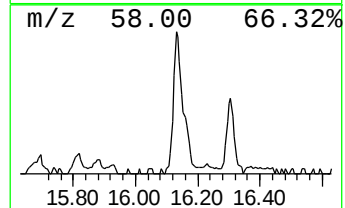
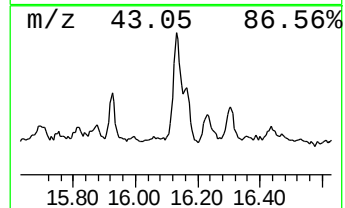
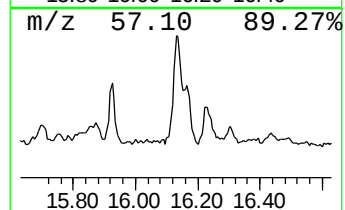
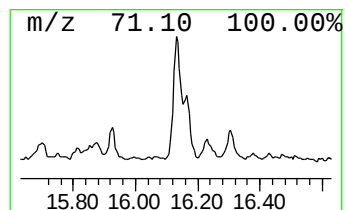
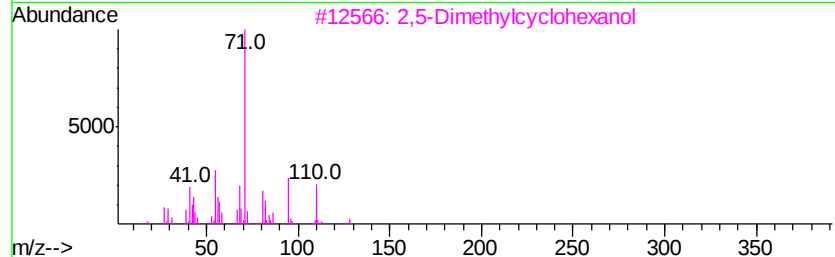
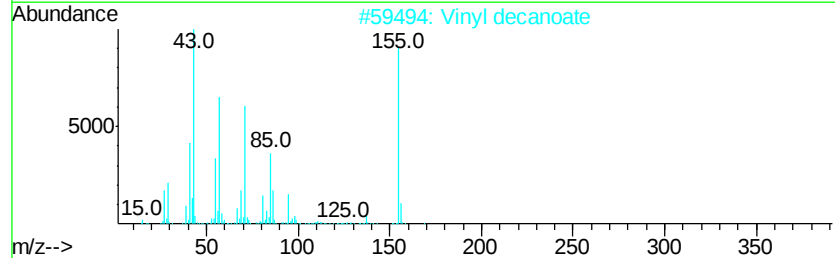
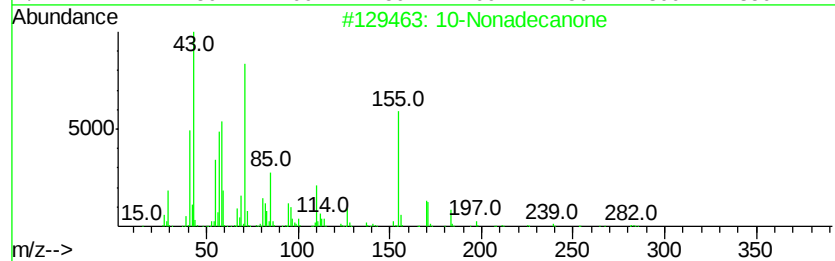
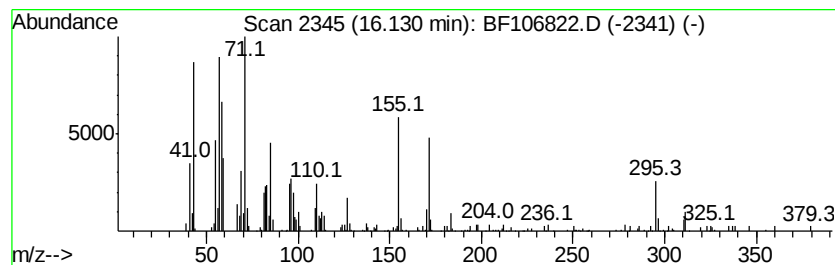
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	35.13 ng	357068	Perylene-d12	15.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Nonadecanone	282	C19H38O	000504-57-4	49
2		Vinyl decanoate	198	C12H22O2	004704-31-8	38
3		2,5-Dimethylcyclohexanol	128	C8H16O	003809-32-3	35
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	27
5		Tetracosane	338	C24H50	000646-31-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

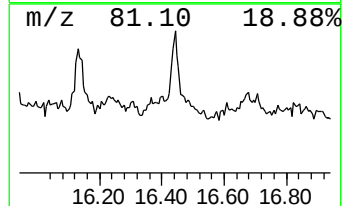
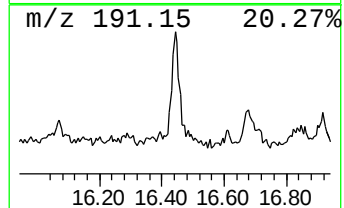
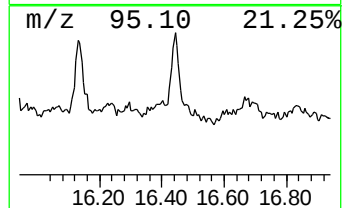
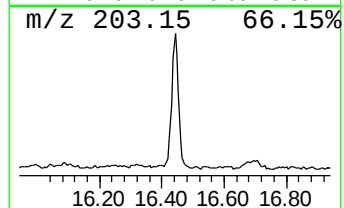
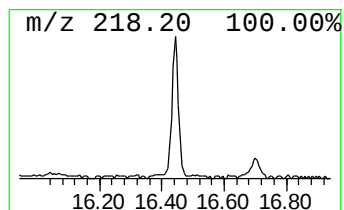
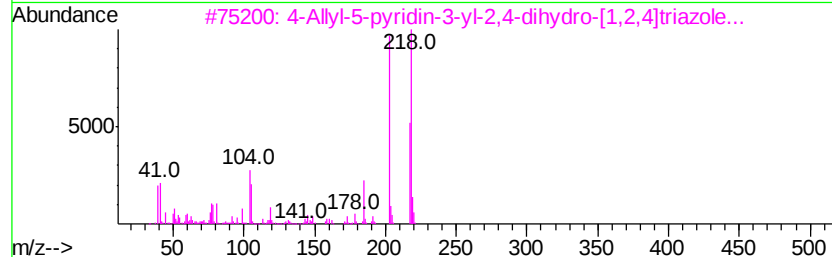
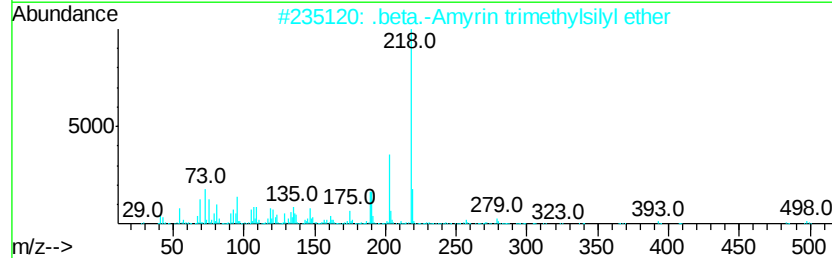
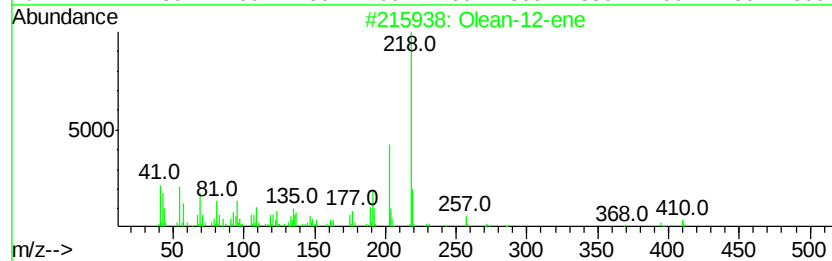
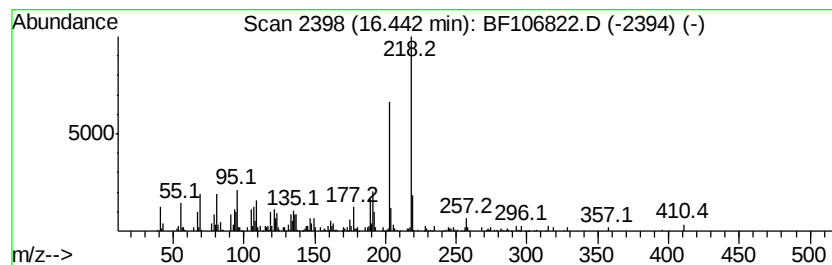
Instrument :
BNA_F
ClientSampleId :
RO-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Olean-12-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	16.42 ng	166904	Perylene-d12	15.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Olean-12-ene	410 C30H50	000471-68-1	91
2	.beta.-Amyrin trimethylsilyl ether	498 C33H58OSi	001721-67-1	52
3	4-Allyl-5-pyridin-3-yl-2,4-dihydro...	218 C10H10N4S	1000300-40-5	50
4	3-Methoxy-6,7,8,9-tetrahydro-dib...	218 C13H14O3	1000186-57-9	50
5	Pyrene, hexadecahydro-	218 C16H26	002435-85-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

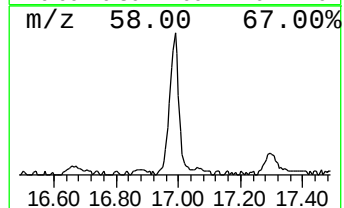
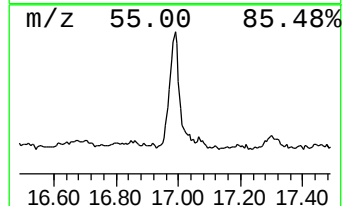
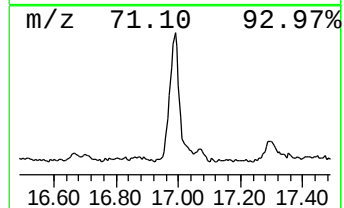
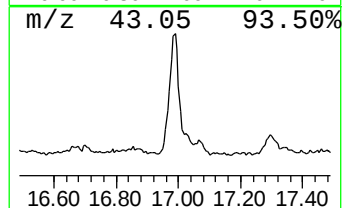
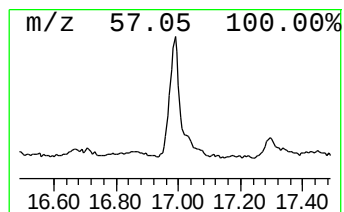
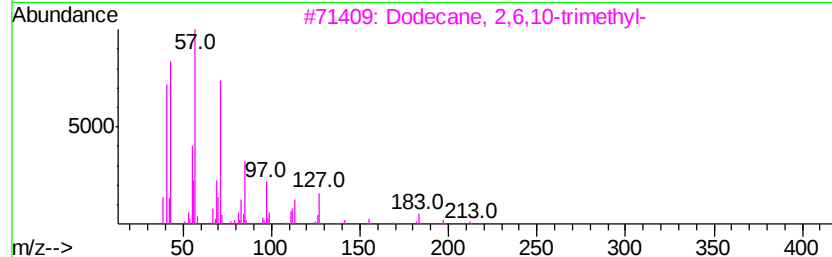
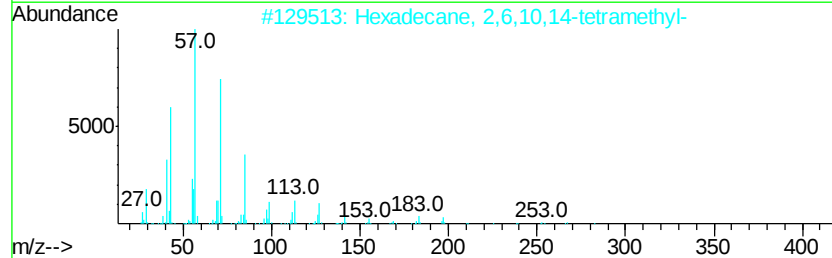
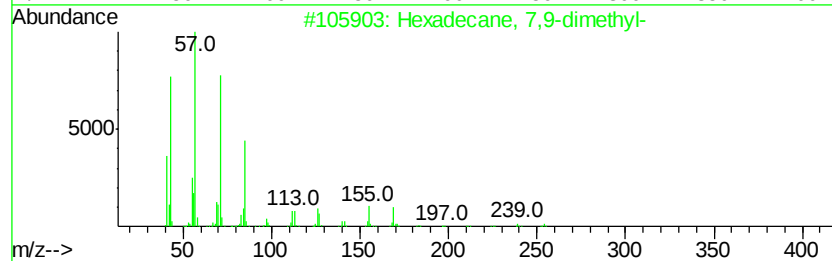
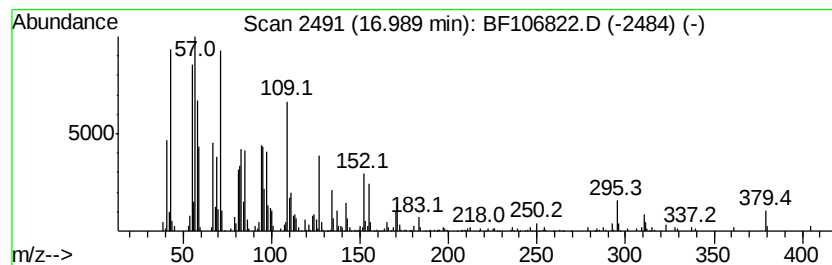
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	65.72 ng	667856	Perylene-d12	15.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	38
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	30
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	30
4		Dodecane	170	C12H26	000112-40-3	25
5		Tetracosane	338	C24H50	000646-31-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

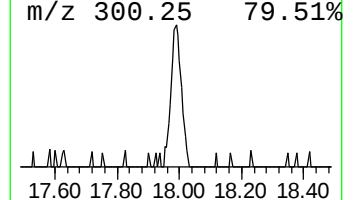
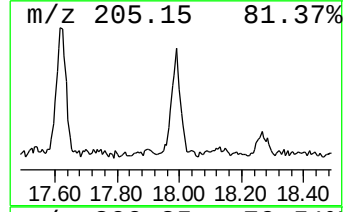
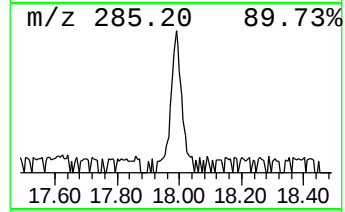
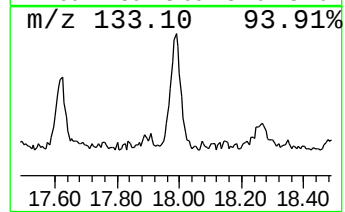
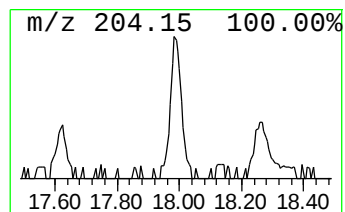
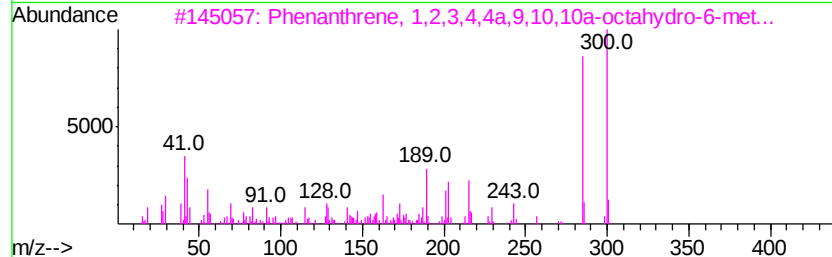
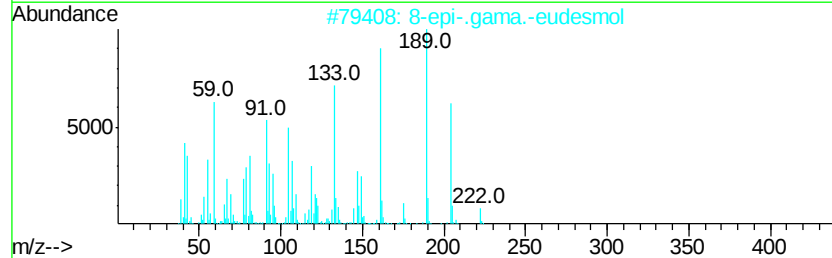
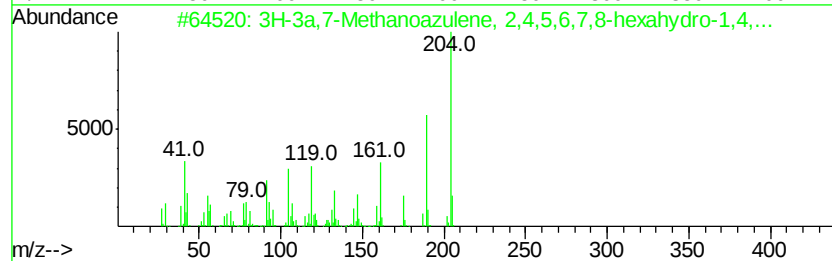
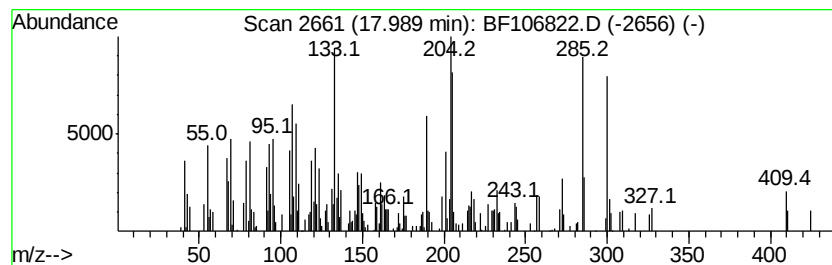
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.99 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	16.90 ng	171719	Perylene-d12	15.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	45
2		8-epi-.gamma.-eudesmol	222	C15H26O	1000374-18-4	30
3		Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	25
4		Androst-4-ene-3,6,17-trione	300	C19H24O3	002243-06-3	25
5		Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106822.D
Acq On : 26 Jun 2018 15:01
Operator : JU/SJ
Sample : J3676-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

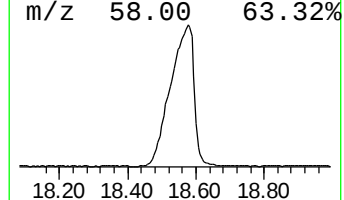
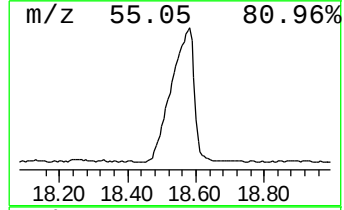
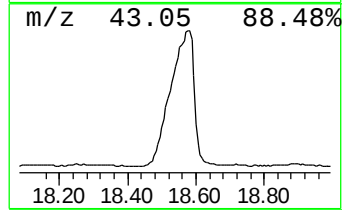
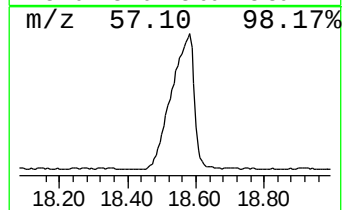
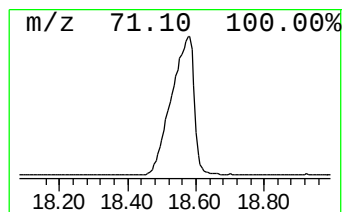
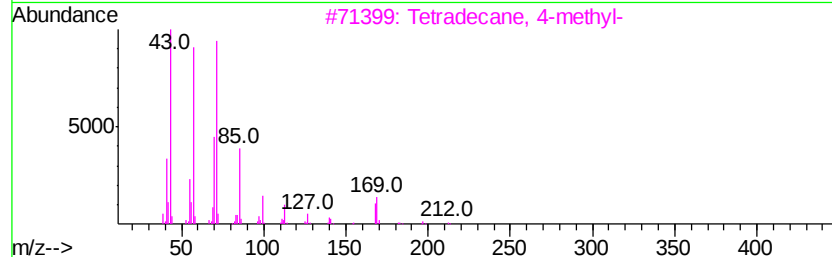
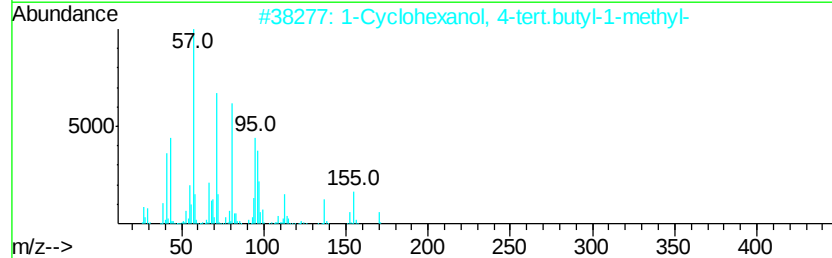
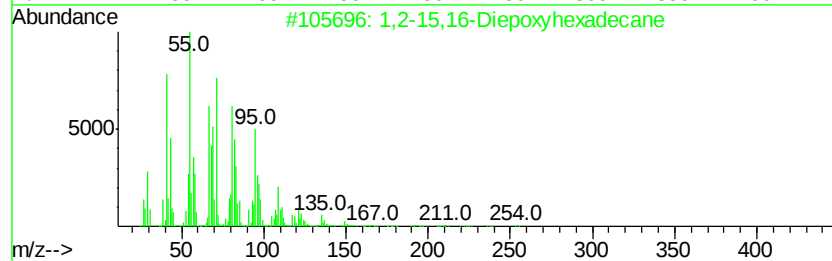
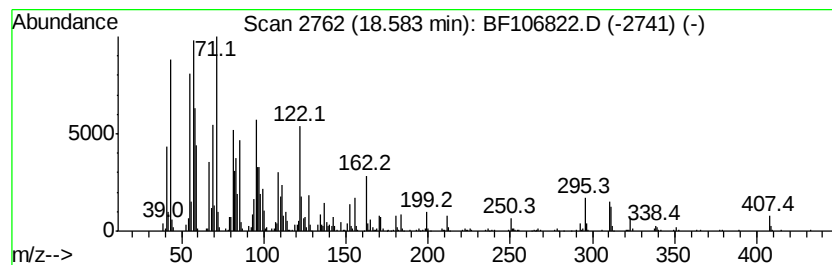
Instrument :
BNA_F
ClientSampleId :
RO-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2-15,16-Diepoxyhexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.58	554.85 ng	5638890	Perylene-d12	15.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-15,16-Diepoxyhexadecane	254	C16H30O2	1000192-65-0	53
2	1-Cyclohexanol, 4-tert.butyl-1-methyl-	170	C11H22O	1000163-45-0	38
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	30
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	30
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106822.D
 Acq On : 26 Jun 2018 15:01
 Operator : JU/SJ
 Sample : J3676-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	8.4	ng	115474	1	6.96	274320	20.0
unknown6.74	6.74	73.1	ng	1002630	1	6.96	274320	20.0
Phenanthrene, 1-m...	12.00	5.2	ng	88646	4	11.50	343674	20.0
Phenanthrene, 2-m...	12.02	6.2	ng	106578	4	11.50	343674	20.0
4H-Cyclopenta[def...	12.11	9.8	ng	169171	4	11.50	343674	20.0
11H-Benzo[b]fluorene	13.27	6.6	ng	238992	5	14.16	719888	20.0
Cyclohexadecane	13.97	7.6	ng	272540	5	14.16	719888	20.0
3-Eicosene, (E)-	14.63	7.6	ng	272203	5	14.16	719888	20.0
unknown14.97	14.97	6.1	ng	62317	6	15.72	203258	20.0
Octadecanal	15.10	14.7	ng	149628	6	15.72	203258	20.0
1,19-Eicosadiene	15.92	11.7	ng	118670	6	15.72	203258	20.0
unknown16.13	16.13	35.1	ng	357068	6	15.72	203258	20.0
Olean-12-ene	16.44	16.4	ng	166904	6	15.72	203258	20.0
unknown16.99	16.99	65.7	ng	667856	6	15.72	203258	20.0
2,2,4a,6a,8a,9,12...	17.62	44.2	ng	449143	6	15.72	203258	20.0
unknown17.99	17.99	16.9	ng	171719	6	15.72	203258	20.0
1,2-15,16-Diepoxy...	18.58	554.9	ng	5638890	6	15.72	203258	20.0