

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095320.D
 Acq On : 22 May 2017 18:26
 Operator : SJ/MA
 Sample : I3227-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-11939

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-BF050217.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	5.119	537	541	569	rBV2	139030	397498	13.51%	1.313%
2	5.719	639	643	678	rBV	1112552	2451869	83.31%	8.100%
3	7.301	908	912	928	rBV	1523200	2418091	82.17%	7.989%
4	7.419	928	932	943	rVB	1742629	2744905	93.27%	9.068%
5	7.560	952	956	965	rVB4	14455	32182	1.09%	0.106%
6	7.760	986	990	1000	rBV	384150	485214	16.49%	1.603%
7	7.995	1025	1030	1044	rBV	1524293	1867568	63.46%	6.170%
8	8.660	1138	1143	1159	rBV	973436	1515894	51.51%	5.008%
9	8.772	1159	1162	1178	rVB4	37358	89637	3.05%	0.296%
10	9.778	1329	1333	1343	rBV	438599	741599	25.20%	2.450%
11	9.854	1343	1346	1356	rVB2	57787	97235	3.30%	0.321%
12	9.978	1363	1367	1372	rVB2	38404	52448	1.78%	0.173%
13	10.136	1389	1394	1399	rVB5	19273	29863	1.01%	0.099%
14	10.307	1419	1423	1426	rBV4	19652	30693	1.04%	0.101%
15	10.495	1448	1455	1459	rBV6	16417	34295	1.17%	0.113%
16	10.560	1462	1466	1470	rVV	47320	59385	2.02%	0.196%
17	10.772	1494	1502	1504	rBV9	16853	34521	1.17%	0.114%
18	10.836	1510	1513	1522	rVB	83598	107657	3.66%	0.356%
19	11.301	1589	1592	1595	rBV	42229	45099	1.53%	0.149%
20	11.372	1601	1604	1611	rVB6	30458	49260	1.67%	0.163%
21	11.430	1611	1614	1618	rBV3	24684	34182	1.16%	0.113%
22	11.495	1620	1625	1629	rBV5	37175	68788	2.34%	0.227%
23	11.548	1629	1634	1647	rBV	2235374	2942895	100.00%	9.723%
24	11.642	1647	1650	1655	rVB7	23836	33448	1.14%	0.111%
25	11.760	1666	1670	1679	rBV3	128006	222918	7.57%	0.736%
26	11.836	1679	1683	1689	rBV2	51674	89877	3.05%	0.297%
27	12.030	1709	1716	1718	rBV8	30876	64978	2.21%	0.215%
28	12.183	1738	1742	1745	rBV5	38232	74091	2.52%	0.245%
29	12.242	1748	1752	1756	rVV	334301	466726	15.86%	1.542%
30	12.283	1756	1759	1763	rVB	137861	169035	5.74%	0.558%
31	12.377	1772	1775	1780	rBV4	58074	106991	3.64%	0.353%
32	12.460	1785	1789	1796	rVB3	124704	180523	6.13%	0.596%
33	12.607	1810	1814	1820	rBV3	587872	942466	32.03%	3.114%
34	12.907	1863	1865	1868	rBV2	40955	41254	1.40%	0.136%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.972	1872	1876	1881	rBV2	108259	224975	7.64%	0.743%
36	13.048	1886	1889	1892	rVB2	102713	121344	4.12%	0.401%
37	13.154	1903	1907	1913	rVB4	159964	243758	8.28%	0.805%
38	13.207	1914	1916	1920	rBV4	52493	68184	2.32%	0.225%
39	13.442	1953	1956	1962	rBV2	197523	250983	8.53%	0.829%
40	13.595	1980	1982	1986	rBV2	73214	86829	2.95%	0.287%
41	13.807	2014	2018	2023	rVB	454486	590252	20.06%	1.950%
42	13.907	2031	2035	2040	rBV	890740	1364412	46.36%	4.508%
43	14.248	2086	2093	2098	rBV	860420	1321979	44.92%	4.367%
44	15.007	2217	2222	2227	rBV2	871698	1652458	56.15%	5.459%
45	15.054	2227	2230	2234	rVV	268423	334378	11.36%	1.105%
46	15.548	2311	2314	2318	rBV2	304128	419069	14.24%	1.384%
47	16.607	2490	2494	2498	rBV2	509730	790984	26.88%	2.613%
48	16.807	2525	2528	2535	rVB	417954	566701	19.26%	1.872%
49	17.342	2615	2619	2623	rVB	1172394	1435358	48.77%	4.742%
50	18.689	2844	2848	2852	rBV2	485884	738580	25.10%	2.440%
51	19.959	3061	3064	3067	rBV	265459	351621	11.95%	1.162%
52	20.253	3111	3114	3118	rVB	175808	223471	7.59%	0.738%
53	20.312	3121	3124	3129	rVB	220607	267442	9.09%	0.884%
54	20.359	3129	3132	3137	rBV	313323	374564	12.73%	1.237%
55	22.089	3423	3426	3434	rBV	57384	118423	4.02%	0.391%

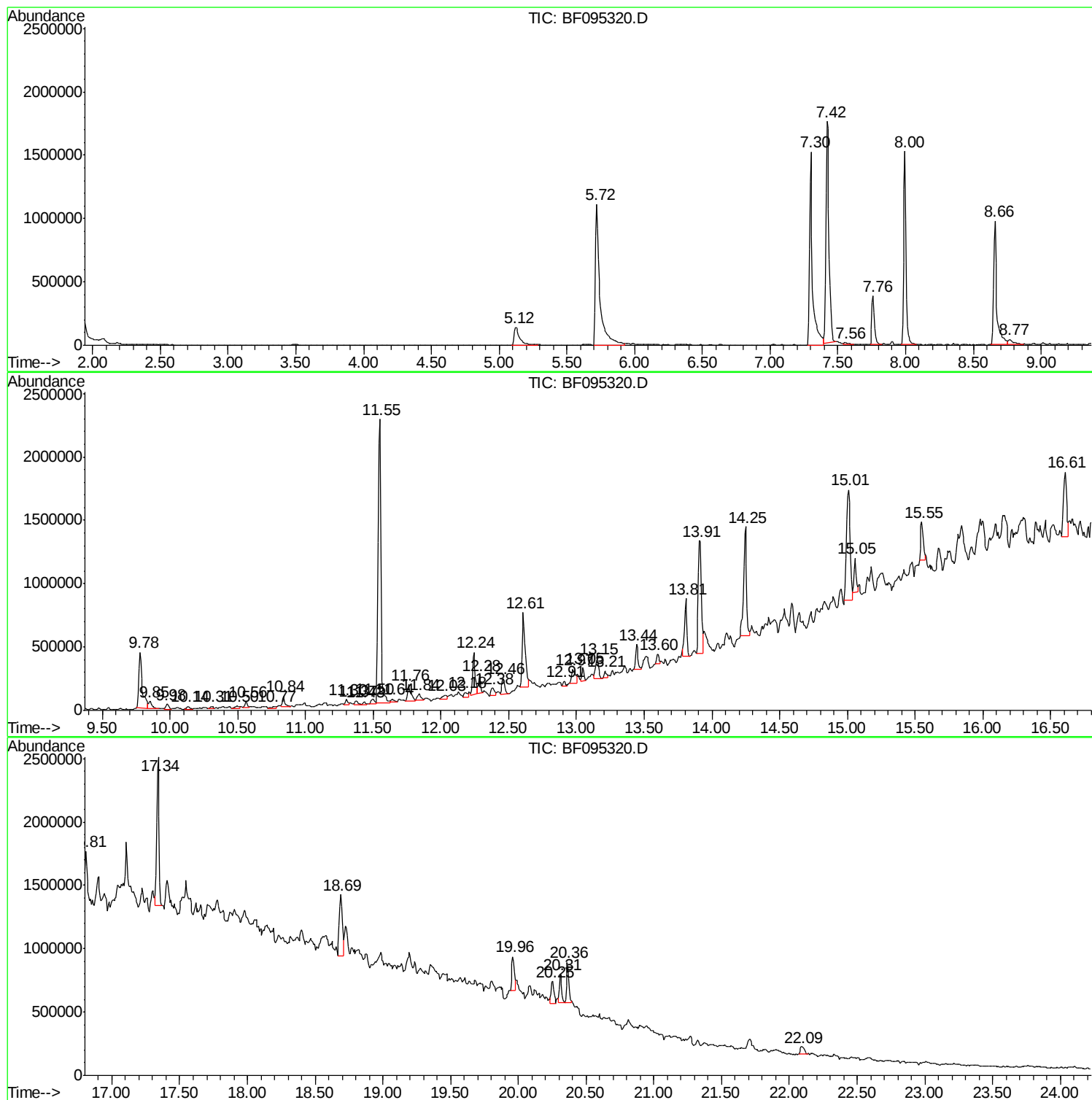
Sum of corrected areas: 30268850

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

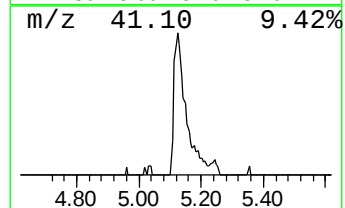
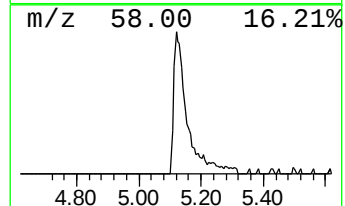
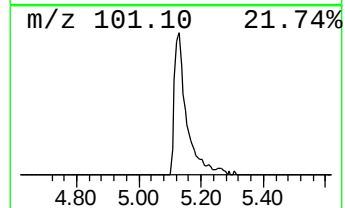
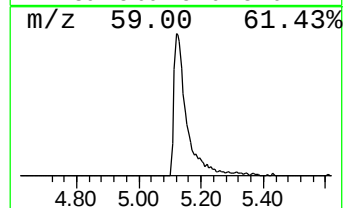
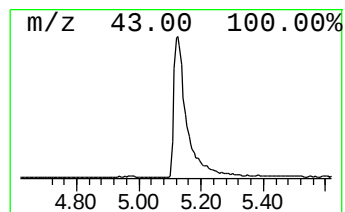
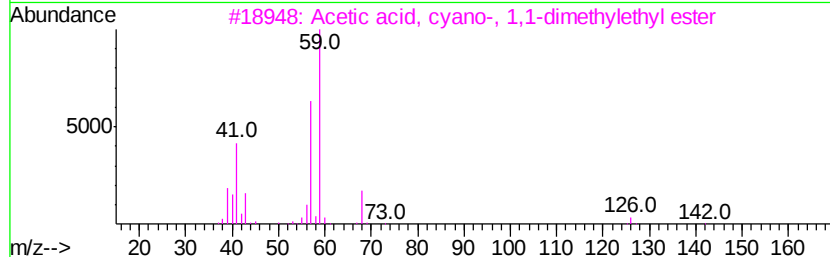
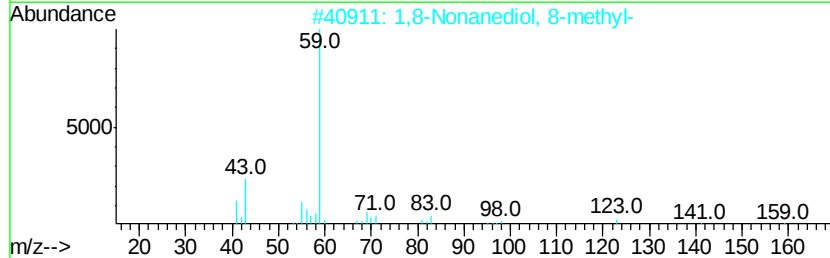
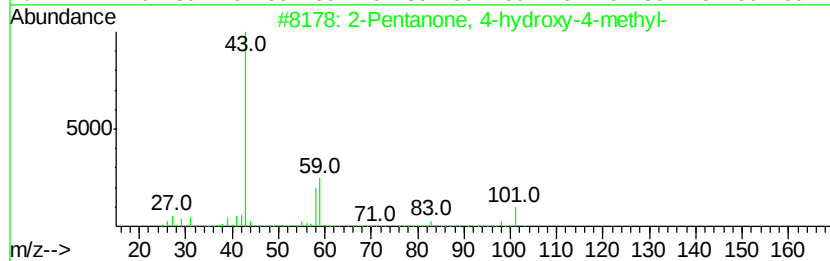
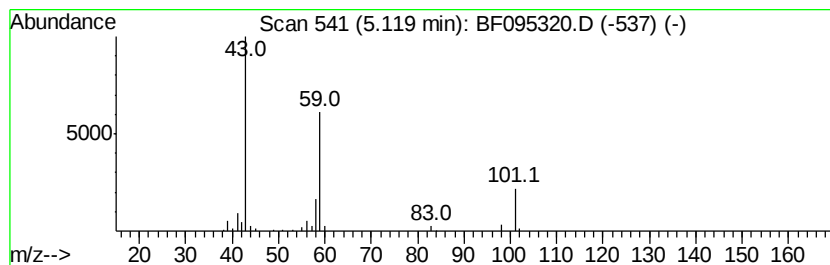
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	16.38 ng	397498	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

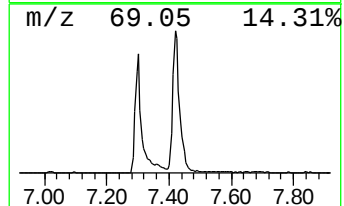
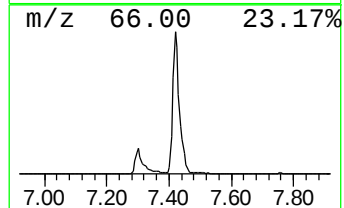
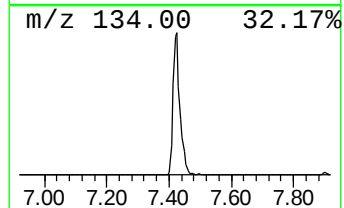
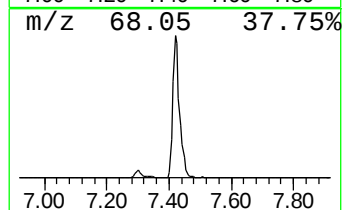
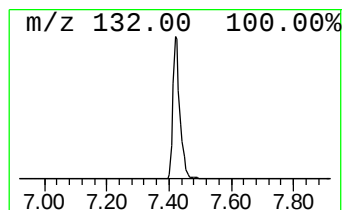
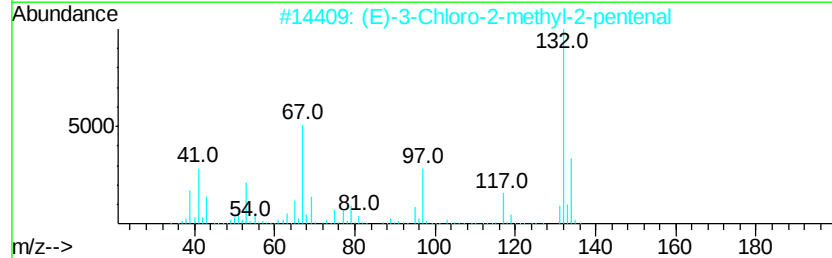
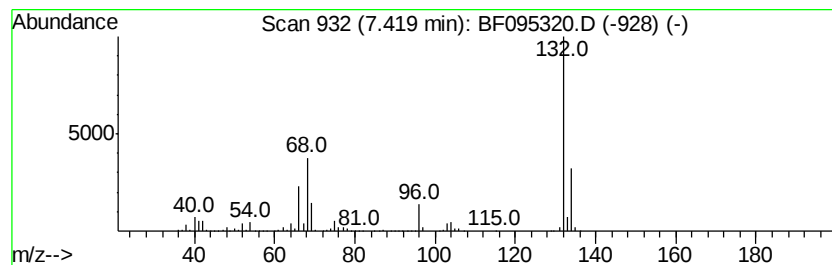
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	113.14 ng	2744910	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

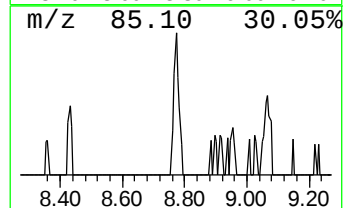
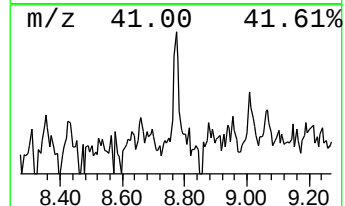
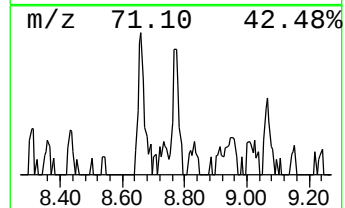
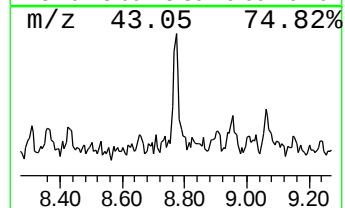
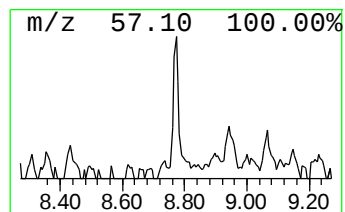
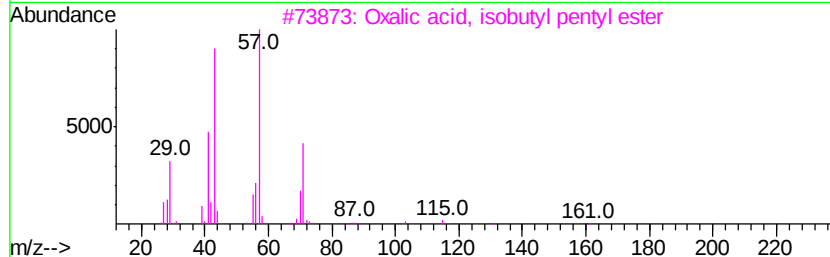
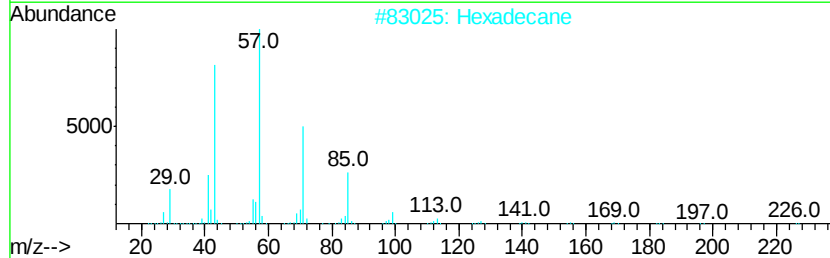
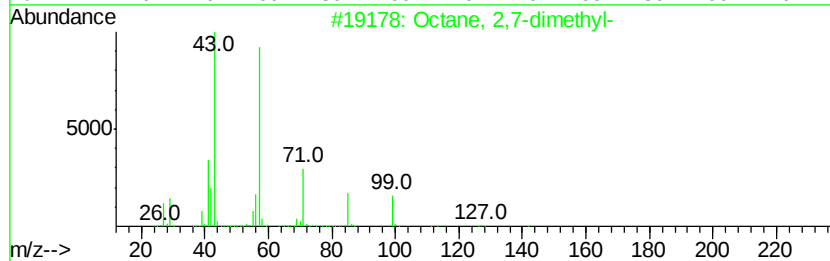
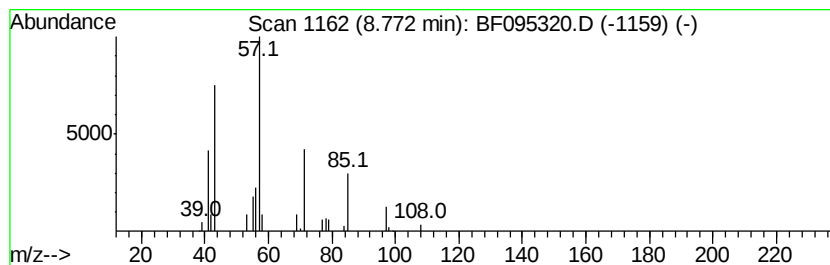
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	2.42 ng	89637	Naphthalene-d8	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
2		Hexadecane	226	C16H34	000544-76-3	56
3		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50
4		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	39
5		Ether, 3-butenyl pentyl	142	C9H18O	034061-78-4	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

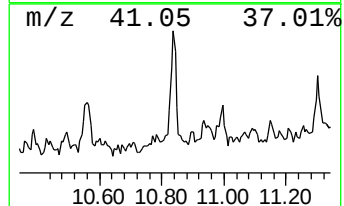
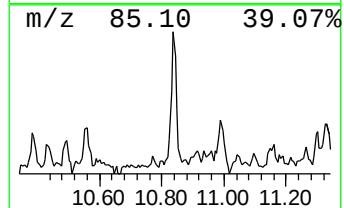
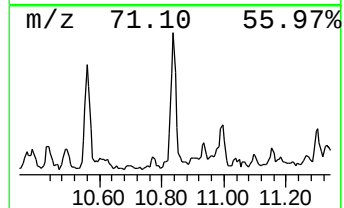
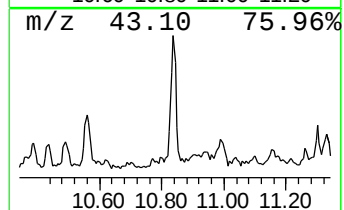
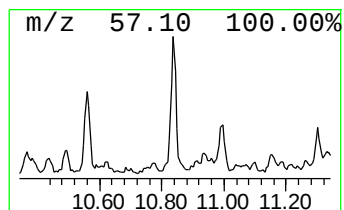
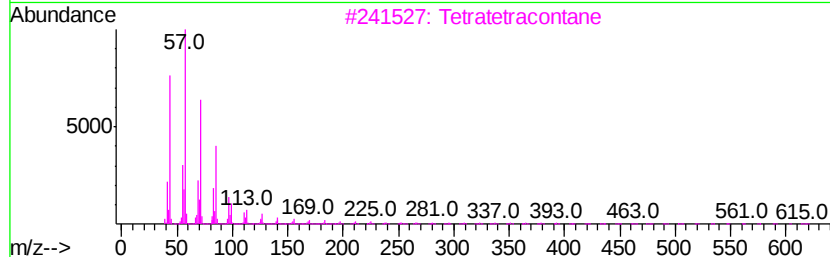
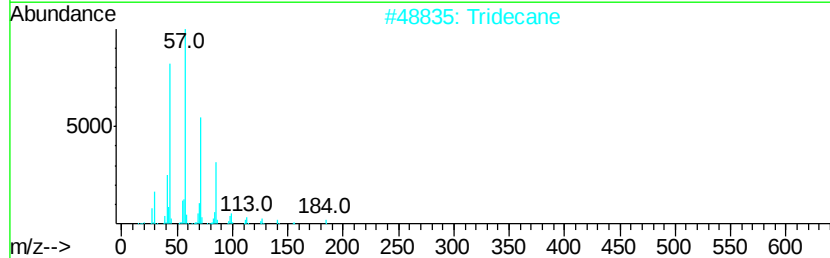
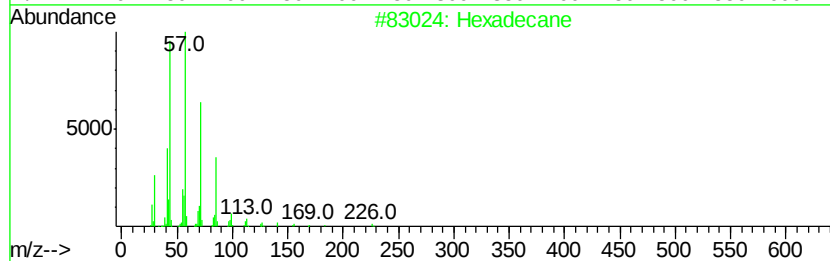
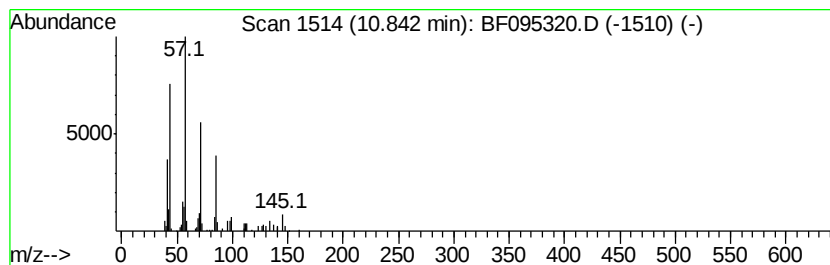
Instrument :
BNA_F
ClientSampleId :
RO-11939

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	2.90 ng	107657	Naphthalene-d8	9.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tridecane	184	C13H28	000629-50-5	72
3	Tetratetracontane	619	C44H90	007098-22-8	64
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

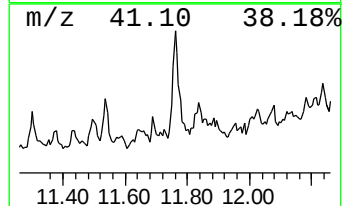
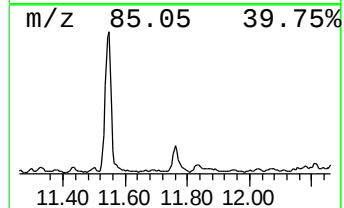
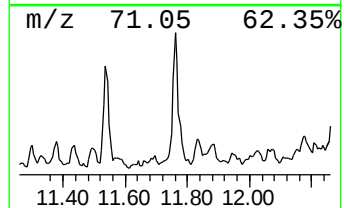
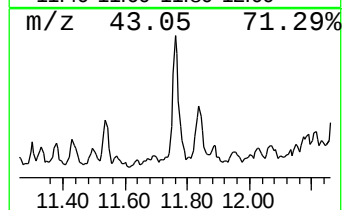
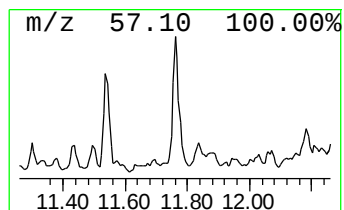
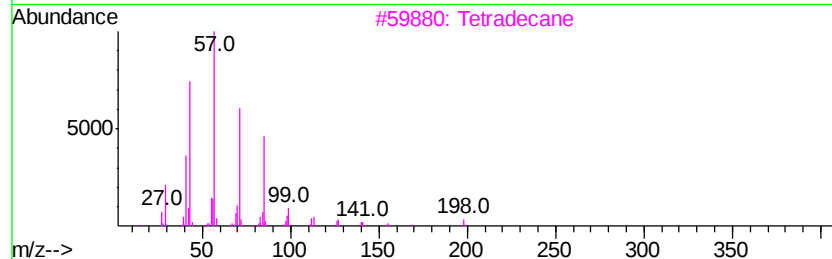
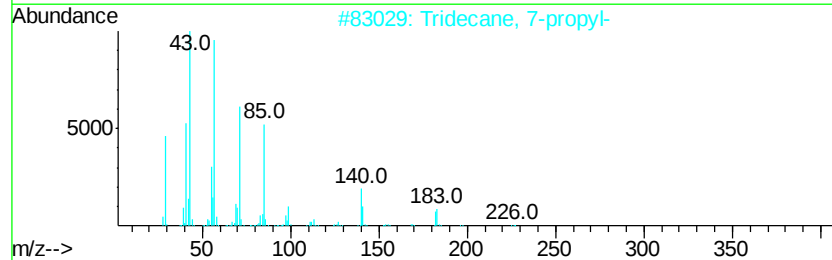
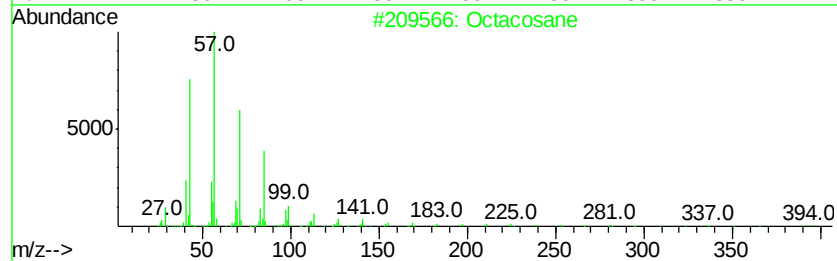
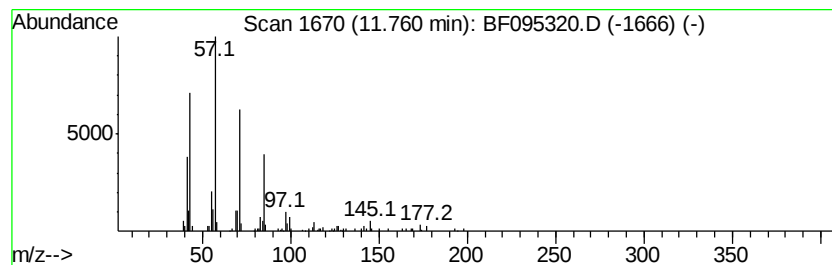
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.73 ng	222918	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	86
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
3		Tetradecane	198	C14H30	000629-59-4	72
4		Pentadecane	212	C15H32	000629-62-9	58
5		Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

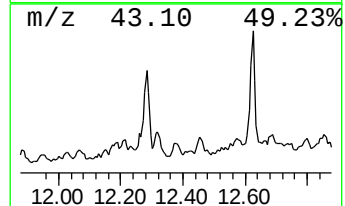
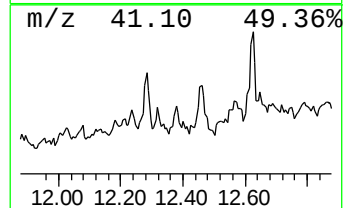
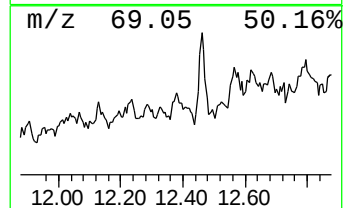
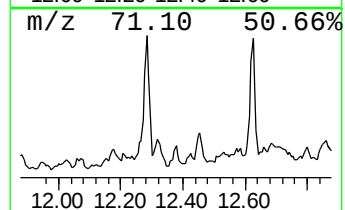
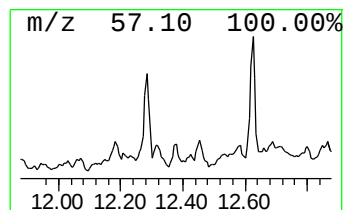
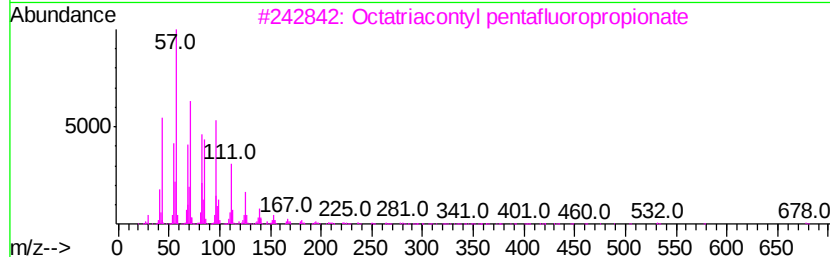
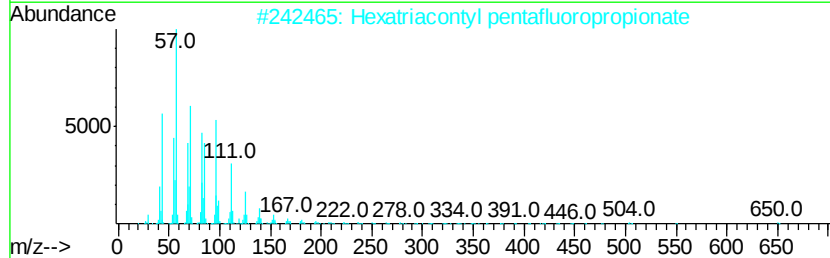
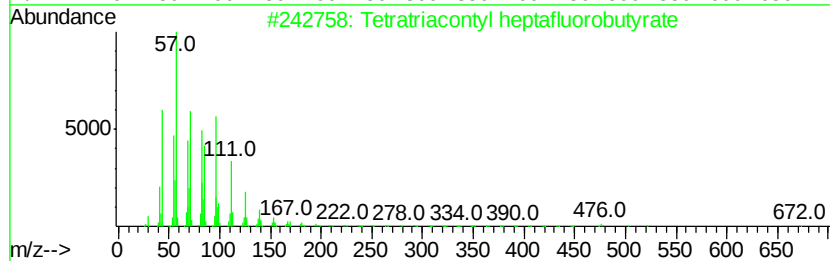
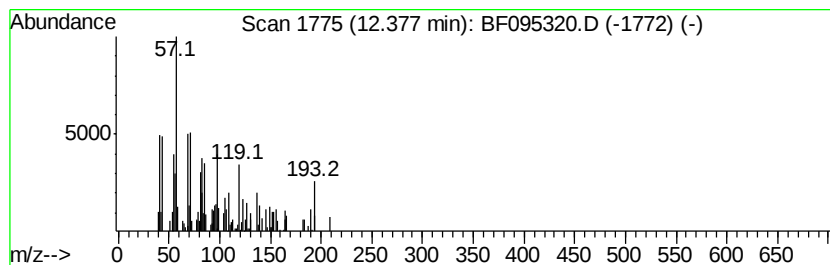
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.38 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	2.27 ng	106991	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	45
2		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	45
3		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	45
4		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	45
5		Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

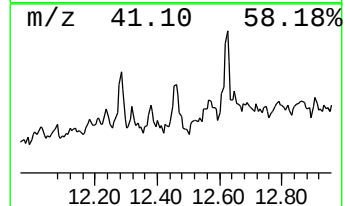
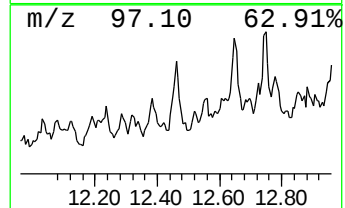
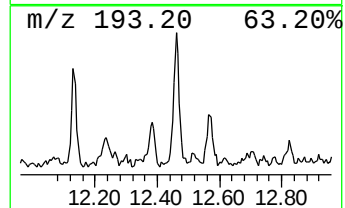
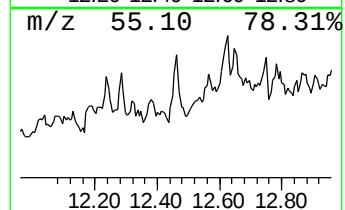
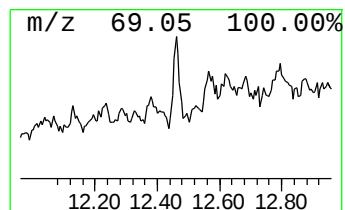
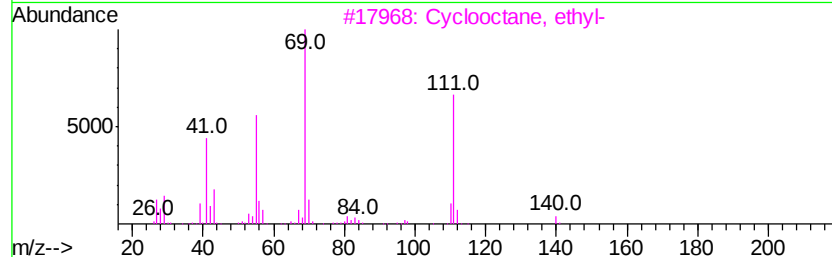
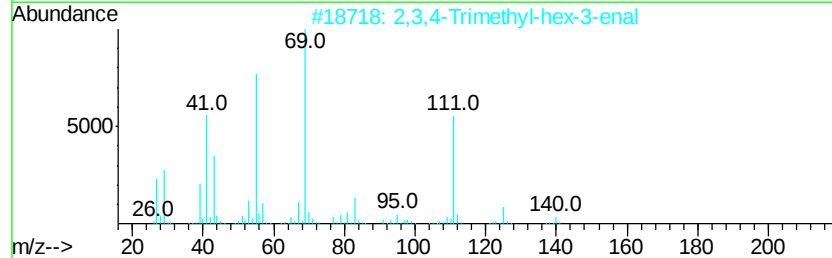
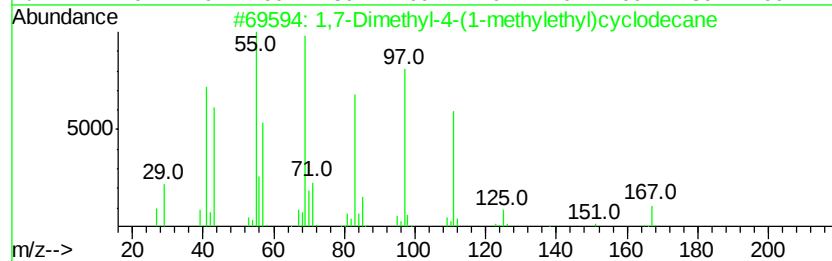
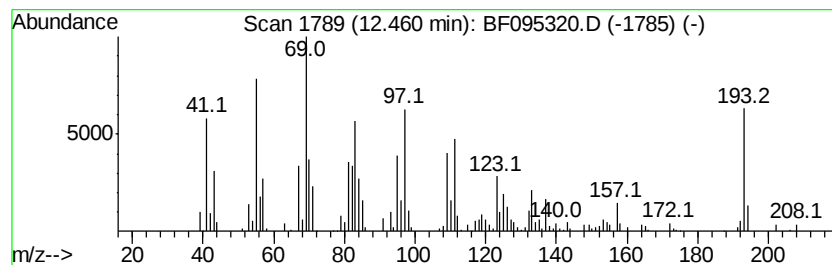
Instrument :
BNA_F
ClientSampleId :
RO-11939

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.46 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.46	3.83 ng	180523	Acenaphthene-d10	12.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cyclooctane	210	C15H30	000645-10-3	43
2	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	25
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	25
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	25
5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

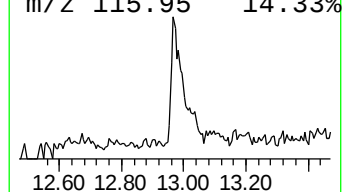
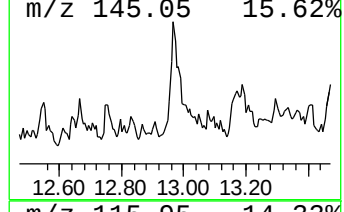
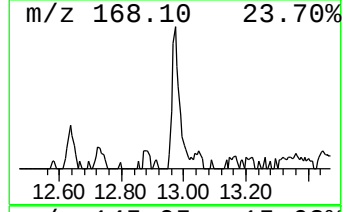
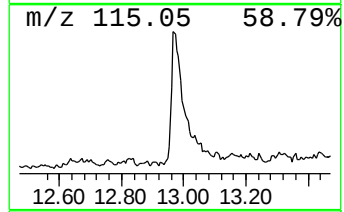
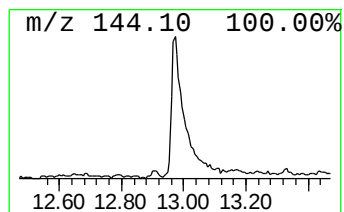
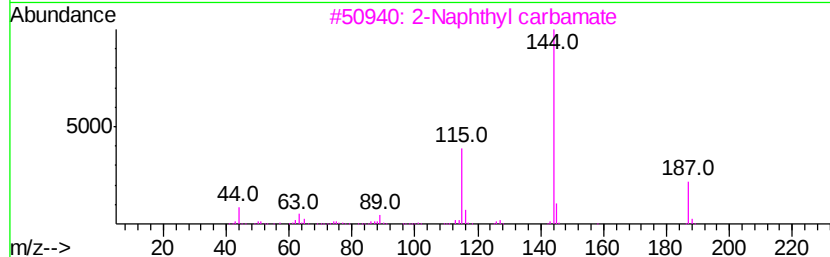
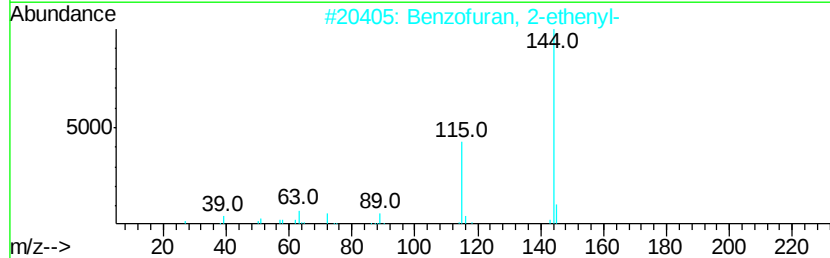
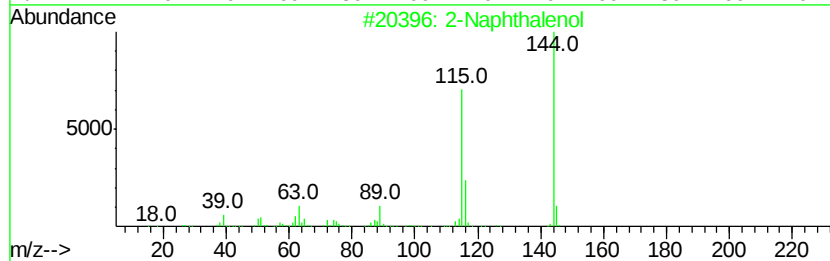
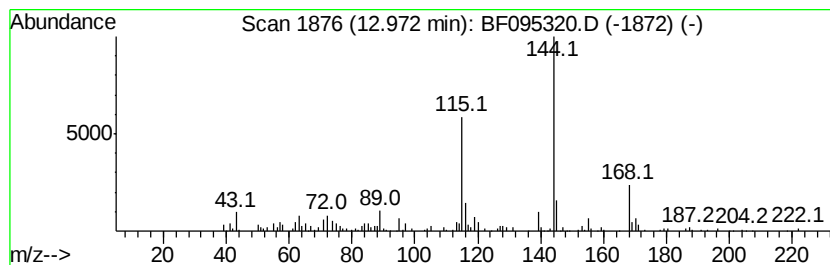
Instrument :
BNA_F
ClientSampleId :
RO-11939

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Naphthalenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.97	4.77 ng	224975	Acenaphthene-d10		12.61
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	81
2	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	76
3	2-Naphthyl carbamate	187	C11H9NO2	086695-68-3	76
4	1-Naphthalenol, acetate	186	C12H10O2	000830-81-9	76
5	1-Naphthalenol	144	C10H8O	000090-15-3	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

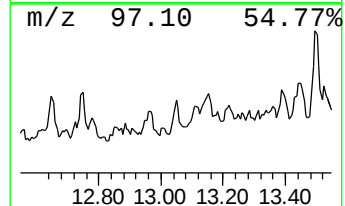
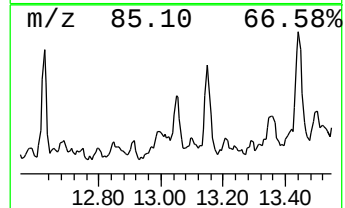
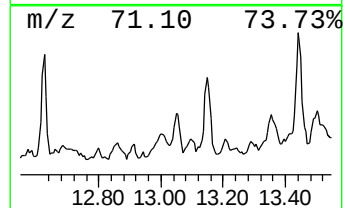
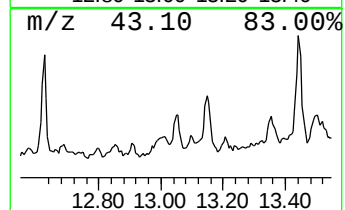
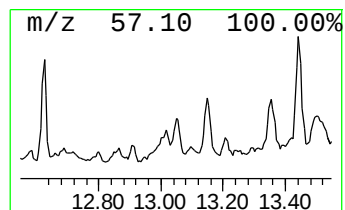
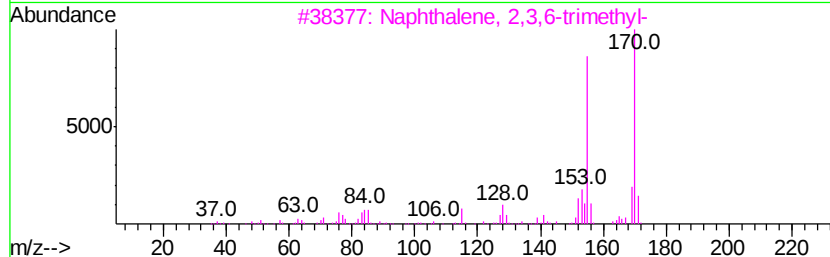
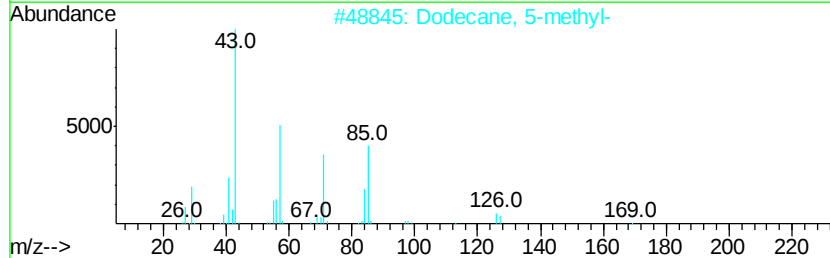
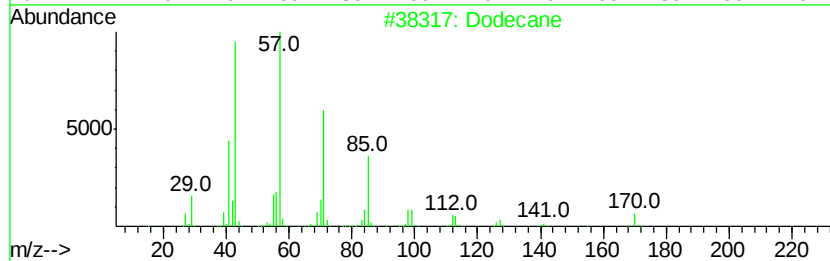
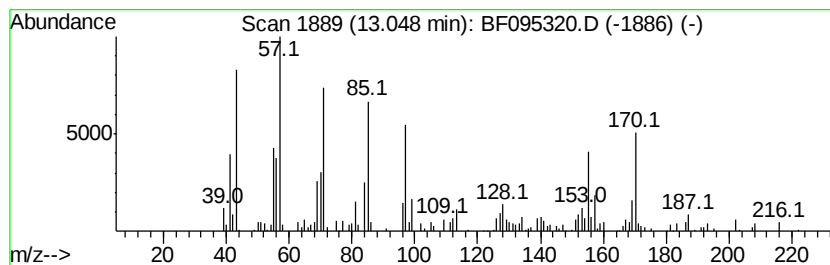
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.58 ng	121344	Acenaphthene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	53
2			Dodecane, 5-methyl-	184	C13H28	017453-93-9	38
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
4			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	38
5			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

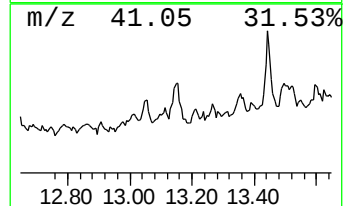
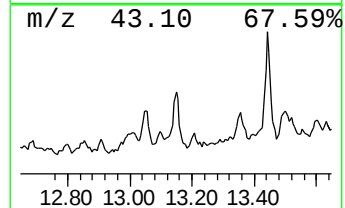
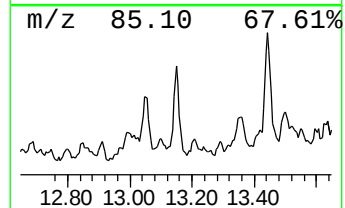
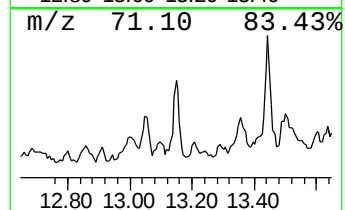
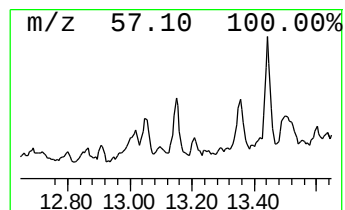
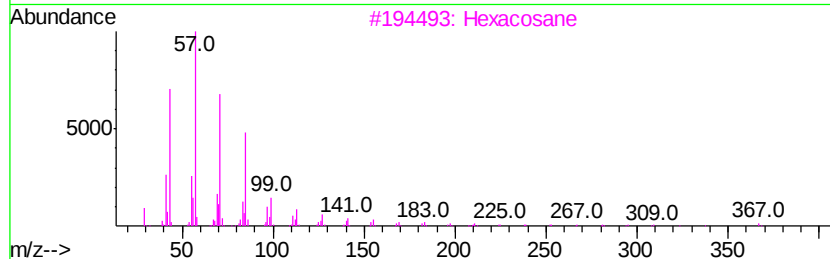
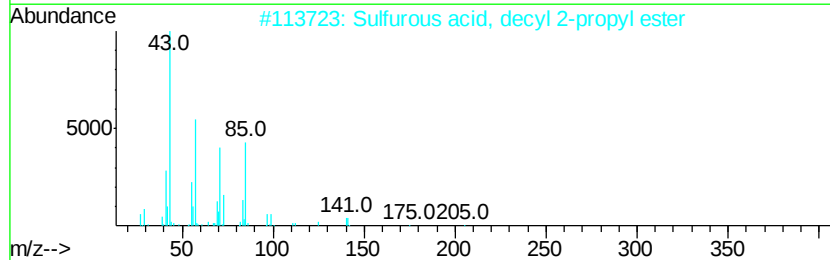
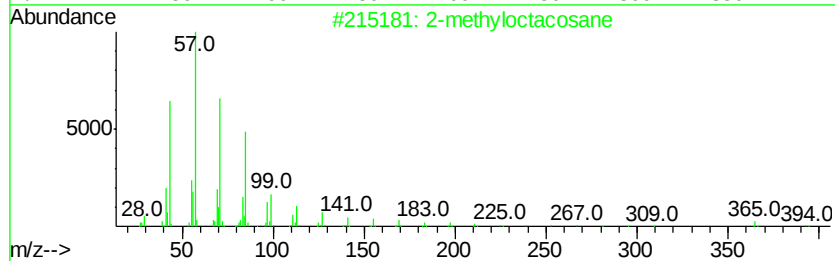
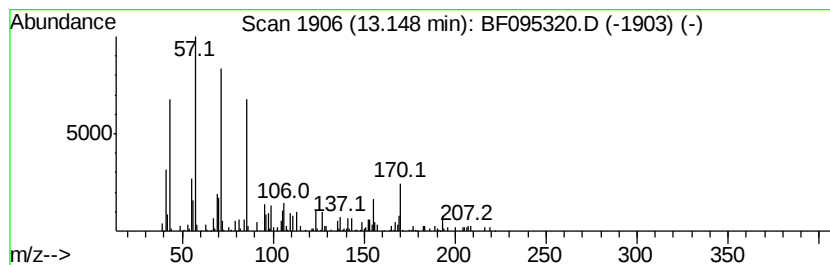
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.15 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	5.17 ng	243758	Acenaphthene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	38
2			Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	38
3			Hexacosane	366	C26H54	000630-01-3	35
4			Tetratetracontane	619	C44H90	007098-22-8	27
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

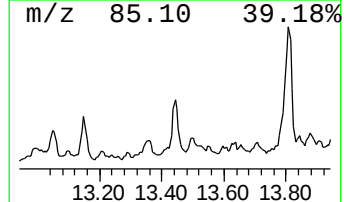
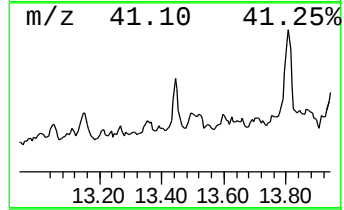
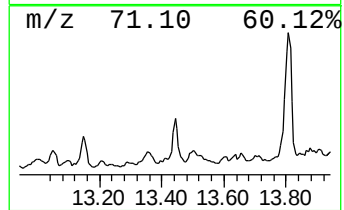
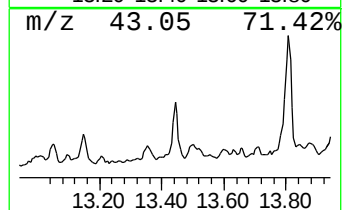
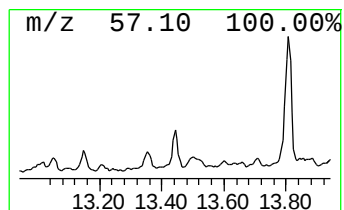
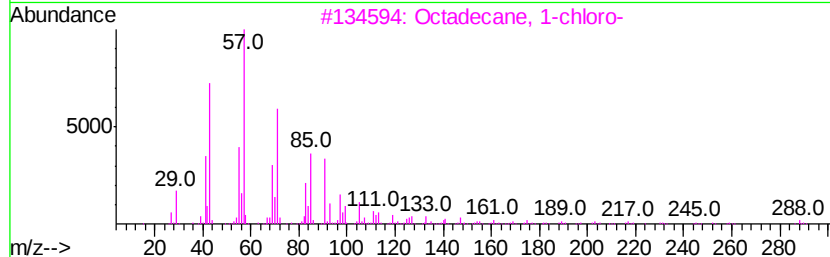
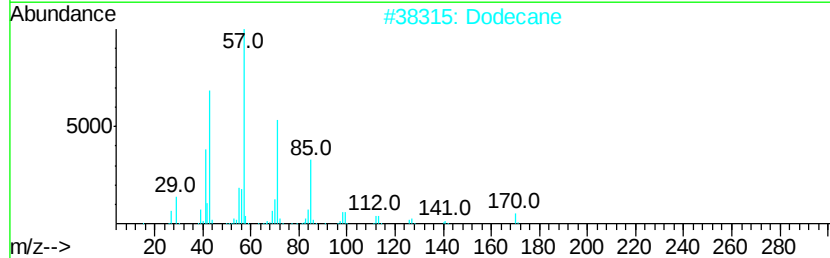
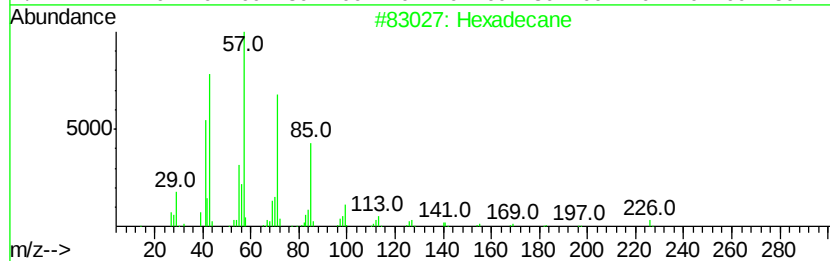
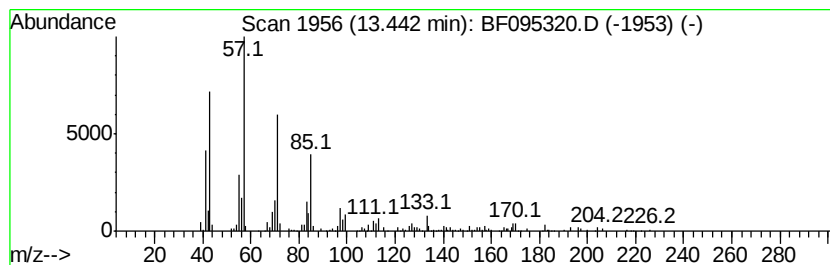
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	5.33 ng	250983	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Dodecane	170	C12H26	000112-40-3	90
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
4		Pentadecane	212	C15H32	000629-62-9	72
5		Nonadecane	268	C19H40	000629-92-5	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

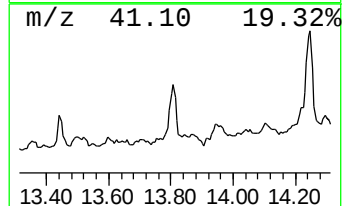
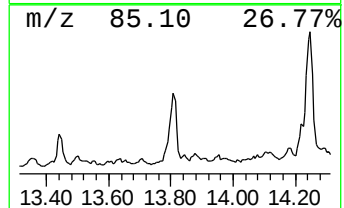
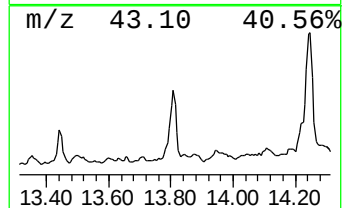
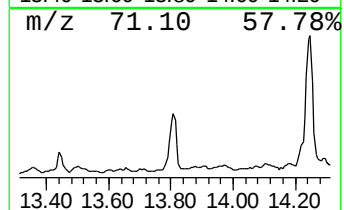
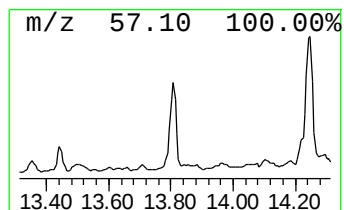
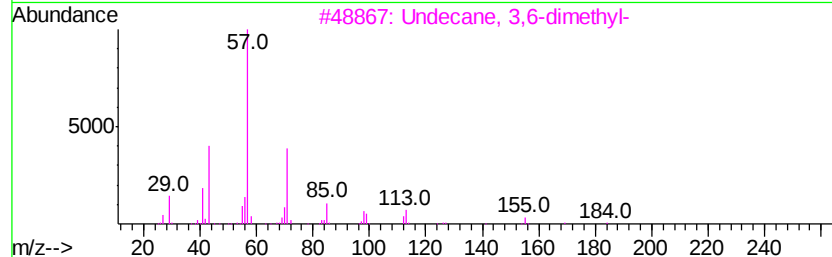
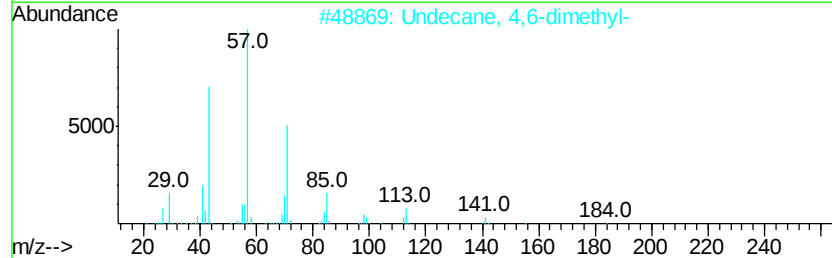
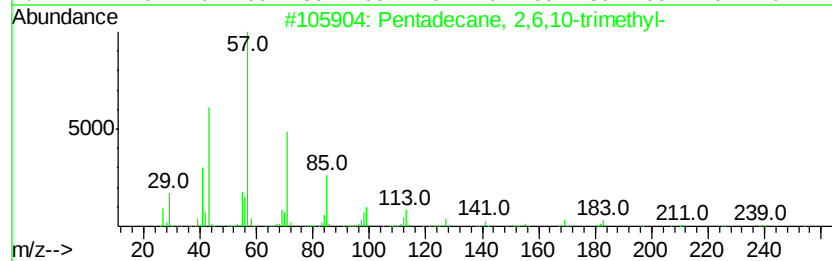
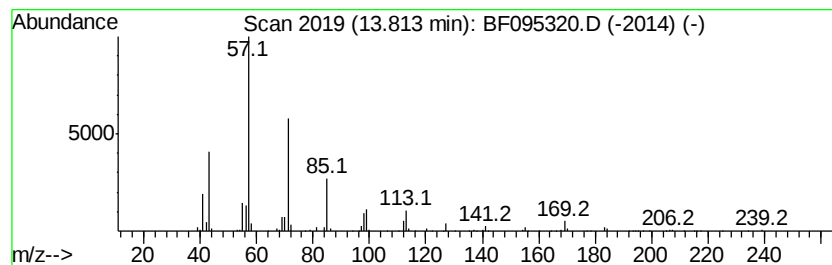
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	12.53 ng	590252	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

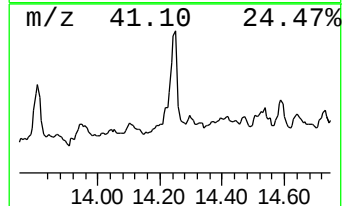
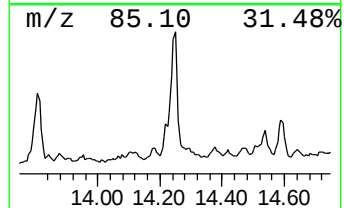
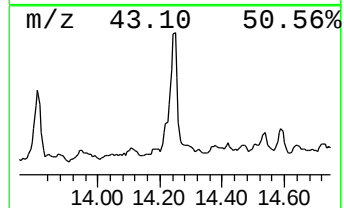
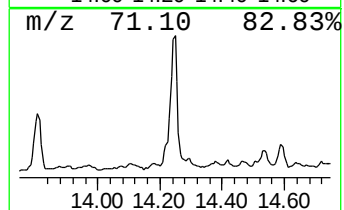
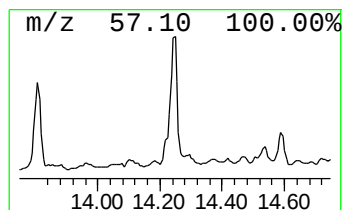
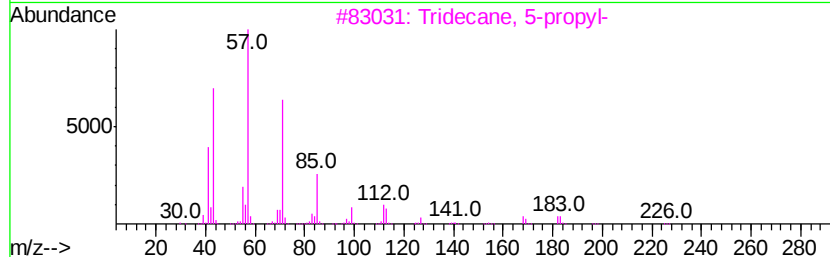
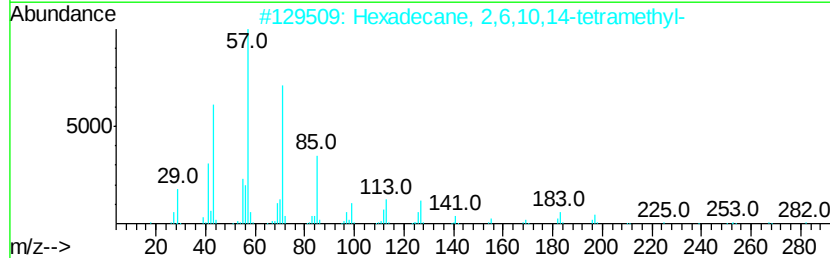
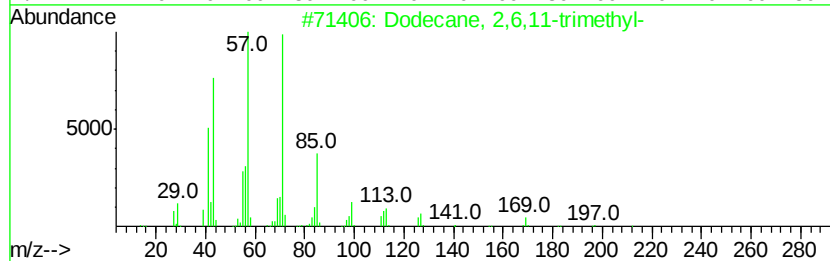
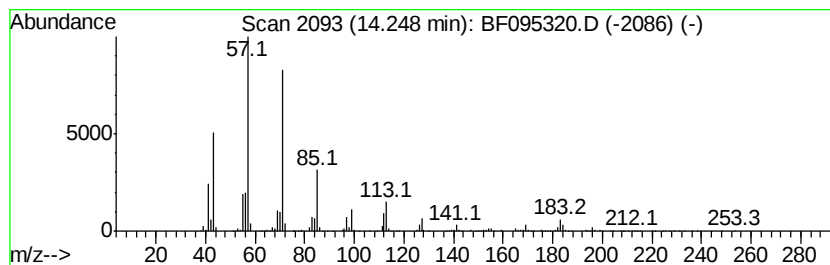
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,6,11-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	16.00 ng	1321980	Phenanthrene-d10	15.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

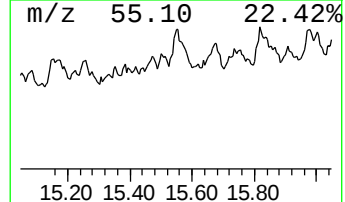
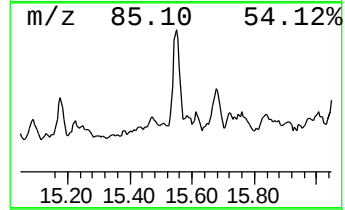
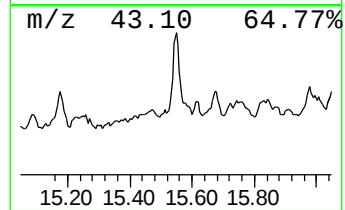
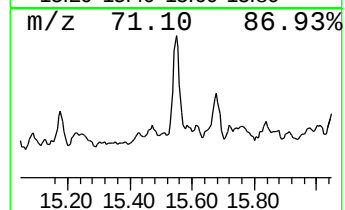
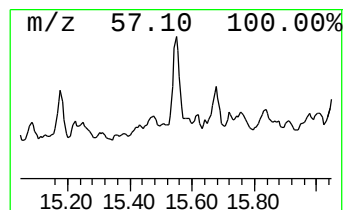
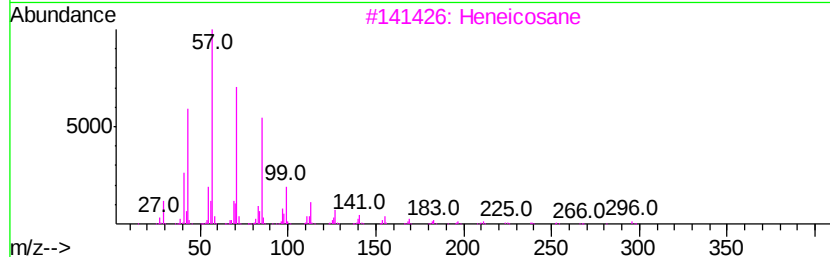
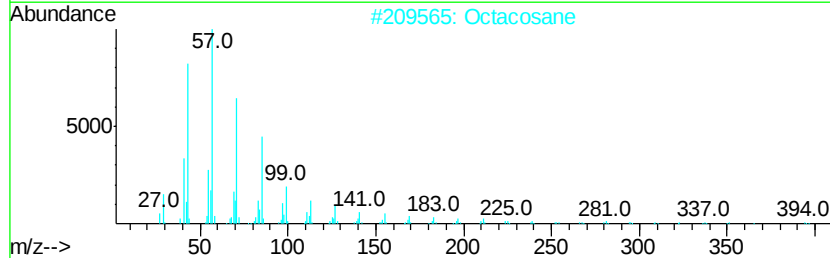
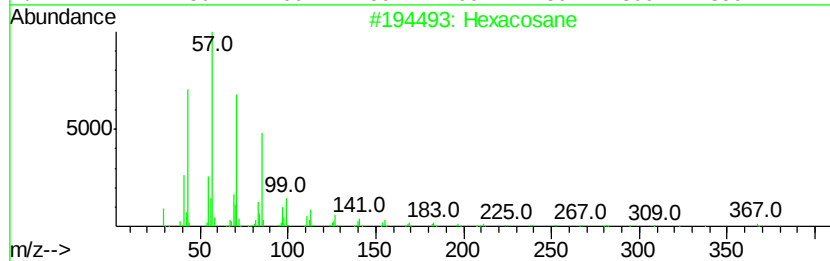
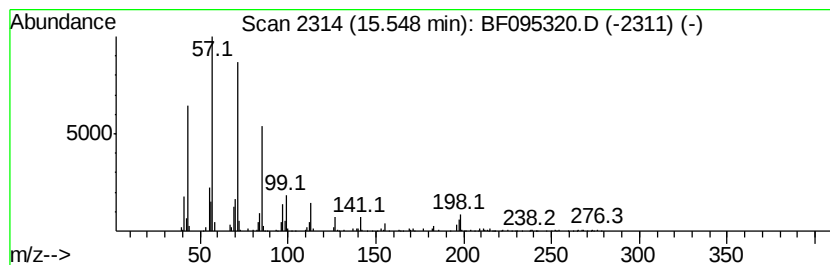
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	5.07 ng	419069	Phenanthrene-d10	15.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Docosane	310	C22H46	000629-97-0	86
5			Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

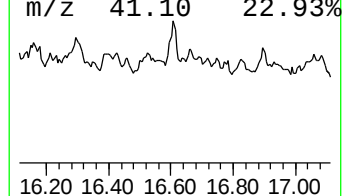
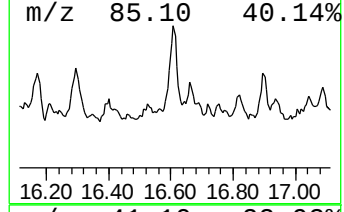
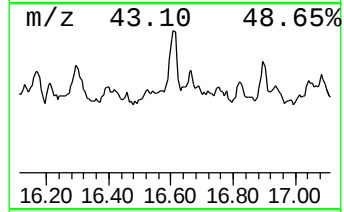
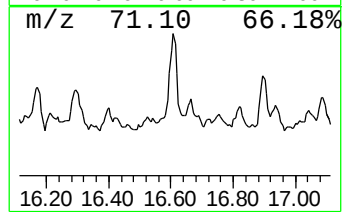
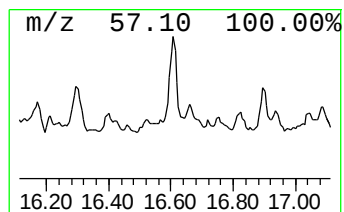
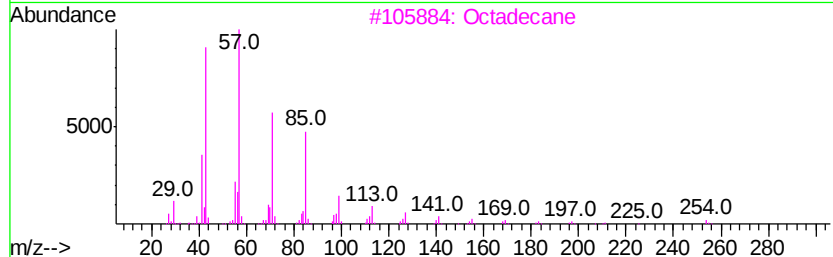
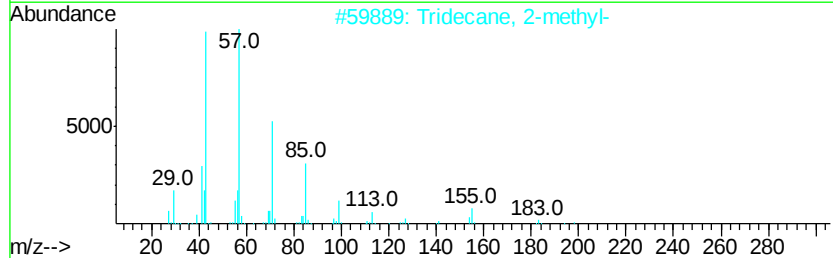
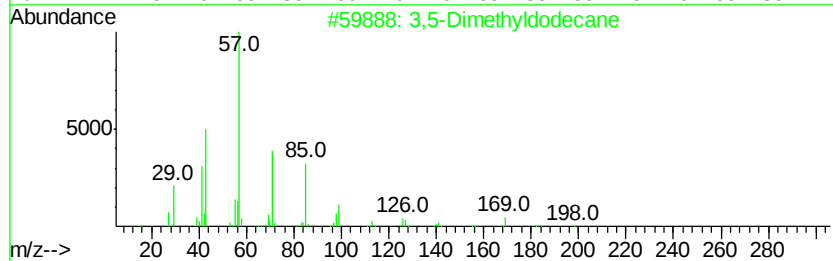
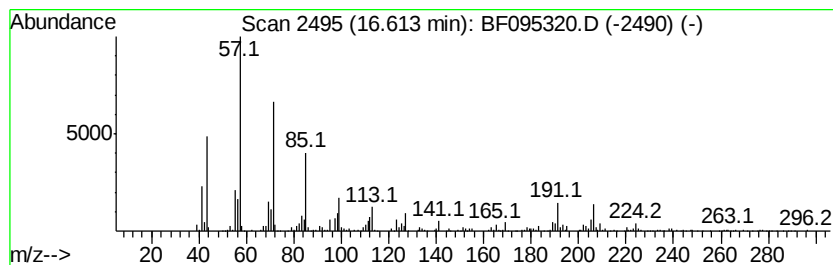
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3,5-Dimethyldodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	9.57 ng	790984	Phenanthrene-d10	15.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyldodecane	198	C14H30	107770-99-0	60
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	53
3			Octadecane	254	C18H38	000593-45-3	49
4			triacontane	422	C30H62	000638-68-6	49
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052217\
Data File : BF095320.D
Acq On : 22 May 2017 18:26
Operator : SJ/MA
Sample : I3227-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-11939

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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...	5.12	16.4	ng	397498	1	7.76	485214	20.0
unknown7.42	7.42	113.1	ng	2744910	1	7.76	485214	20.0
Octane, 2,7-dimet...	8.77	2.4	ng	89637	2	9.78	741599	20.0
Hexadecane	10.84	2.9	ng	107657	2	9.78	741599	20.0
Octacosane	11.76	4.7	ng	222918	3	12.61	942466	20.0
unknown12.38	12.38	2.3	ng	106991	3	12.61	942466	20.0
unknown12.46	12.46	3.8	ng	180523	3	12.61	942466	20.0
2-Naphthalenol	12.97	4.8	ng	224975	3	12.61	942466	20.0
Dodecane	13.05	2.6	ng	121344	3	12.61	942466	20.0
unknown13.15	13.15	5.2	ng	243758	3	12.61	942466	20.0
Octadecane, 1-chl...	13.44	5.3	ng	250983	3	12.61	942466	20.0
Pentadecane, 2,6,...	13.81	12.5	ng	590252	3	12.61	942466	20.0
Dodecane, 2,6,11-...	14.25	16.0	ng	1321980	4	15.02	1652460	20.0
Hexacosane	15.55	5.1	ng	419069	4	15.02	1652460	20.0
3,5-Dimethyldodecane	16.61	9.6	ng	790984	4	15.02	1652460	20.0