

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101088.D
 Acq On : 4 Dec 2017 10:55
 Operator : SJ/JU
 Sample : I6630-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S001-0001-02

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-BF113017.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	5.069	503	507	514	rBV	51130	60523	5.42%	0.503%
2	5.463	570	574	582	rBV	904319	872524	78.14%	7.245%
3	6.481	742	747	757	rBV	926623	906630	81.19%	7.528%
4	6.616	766	770	773	rBV	1131028	928421	83.14%	7.709%
5	6.845	805	809	812	rBV	396123	310741	27.83%	2.580%
6	7.004	831	836	839	rBV	787749	732545	65.60%	6.083%
7	7.410	900	905	908	rBV	649635	553549	49.57%	4.597%
8	8.128	1023	1027	1030	rBV	516842	405408	36.31%	3.366%
9	9.204	1205	1210	1213	rBV	1295796	1116669	100.00%	9.273%
10	9.592	1273	1276	1282	rBV	45060	36097	3.23%	0.300%
11	9.804	1307	1312	1317	rBV2	16642	18745	1.68%	0.156%
12	9.881	1321	1325	1329	rBV	484934	454414	40.69%	3.773%
13	10.075	1354	1358	1364	rVB3	10227	13212	1.18%	0.110%
14	10.304	1390	1397	1400	rVB3	16583	18897	1.69%	0.157%
15	10.675	1456	1460	1463	rBV	704152	620607	55.58%	5.153%
16	11.222	1550	1553	1556	rBV	13530	12446	1.11%	0.103%
17	11.310	1563	1568	1571	rBV	31645	34250	3.07%	0.284%
18	11.369	1575	1578	1583	rVB	548063	494241	44.26%	4.104%
19	11.669	1625	1629	1633	rVB2	14180	13710	1.23%	0.114%
20	11.851	1657	1660	1662	rBV2	18534	18167	1.63%	0.151%
21	11.892	1662	1667	1676	rVB2	201199	201352	18.03%	1.672%
22	12.057	1690	1695	1702	rVB3	24066	29217	2.62%	0.243%
23	12.545	1773	1778	1781	rBV2	14041	17768	1.59%	0.148%
24	12.598	1781	1787	1793	rBV10	19936	59021	5.29%	0.490%
25	12.680	1794	1801	1813	rVV	330985	421592	37.75%	3.501%
26	12.957	1843	1848	1851	rBV	1219004	1063374	95.23%	8.830%
27	13.151	1878	1881	1883	rBV2	22966	20639	1.85%	0.171%
28	13.174	1883	1885	1891	rVB2	22061	23041	2.06%	0.191%
29	13.398	1919	1923	1924	rBV3	12091	15504	1.39%	0.129%
30	13.504	1939	1941	1946	rVB3	17923	14263	1.28%	0.118%
31	13.839	1995	1998	2003	rBV2	96864	98349	8.81%	0.817%
32	13.980	2018	2022	2024	rBV	107357	84715	7.59%	0.703%
33	14.016	2024	2028	2031	rVB	360613	344400	30.84%	2.860%
34	14.468	2101	2105	2109	rBV2	39200	52099	4.67%	0.433%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
 Data File : BF101088.D
 Acq On : 4 Dec 2017 10:55
 Operator : SJ/JU
 Sample : I6630-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S001-0001-02

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-BF113017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.845	2166	2169	2172	rVB	32603	30887	2.77%	0.256%
36	15.104	2210	2213	2216	rBV3	16891	18568	1.66%	0.154%
37	15.133	2216	2218	2223	rVB6	10999	13202	1.18%	0.110%
38	15.486	2273	2278	2284	rBV	257398	323818	29.00%	2.689%
39	15.604	2295	2298	2301	rVB5	12374	13108	1.17%	0.109%
40	15.686	2308	2312	2317	rVB7	8768	16683	1.49%	0.139%
41	15.915	2347	2351	2355	rVB2	33261	43846	3.93%	0.364%
42	15.974	2357	2361	2365	rVB5	17651	26690	2.39%	0.222%
43	16.192	2395	2398	2406	rVB2	23663	37647	3.37%	0.313%
44	16.421	2433	2437	2442	rVB5	15227	22698	2.03%	0.188%
45	16.709	2482	2486	2491	rBV5	17639	24030	2.15%	0.200%
46	16.945	2520	2526	2532	rBV8	37755	83155	7.45%	0.691%
47	17.004	2532	2536	2544	rVB3	60736	122497	10.97%	1.017%
48	17.098	2547	2552	2561	rVV4	81070	172345	15.43%	1.431%
49	17.192	2565	2568	2573	rVB6	9340	16144	1.45%	0.134%
50	17.515	2616	2623	2630	rVB5	74182	175960	15.76%	1.461%
51	17.615	2636	2640	2645	rBV8	8449	17055	1.53%	0.142%
52	17.704	2648	2655	2660	rBV10	14446	36435	3.26%	0.303%
53	17.915	2688	2691	2698	rVB7	17680	30928	2.77%	0.257%
54	18.015	2705	2708	2709	rBV3	12866	12980	1.16%	0.108%
55	18.133	2722	2728	2740	rVB10	25457	83533	7.48%	0.694%
56	18.362	2761	2767	2774	rVB10	20794	49229	4.41%	0.409%
57	18.451	2777	2782	2783	rBV4	13305	17927	1.61%	0.149%
58	18.539	2789	2797	2807	rVB4	69316	211488	18.94%	1.756%
59	19.109	2884	2894	2904	rVB5	101547	300577	26.92%	2.496%
60	19.427	2940	2948	2955	rBV9	24947	74142	6.64%	0.616%

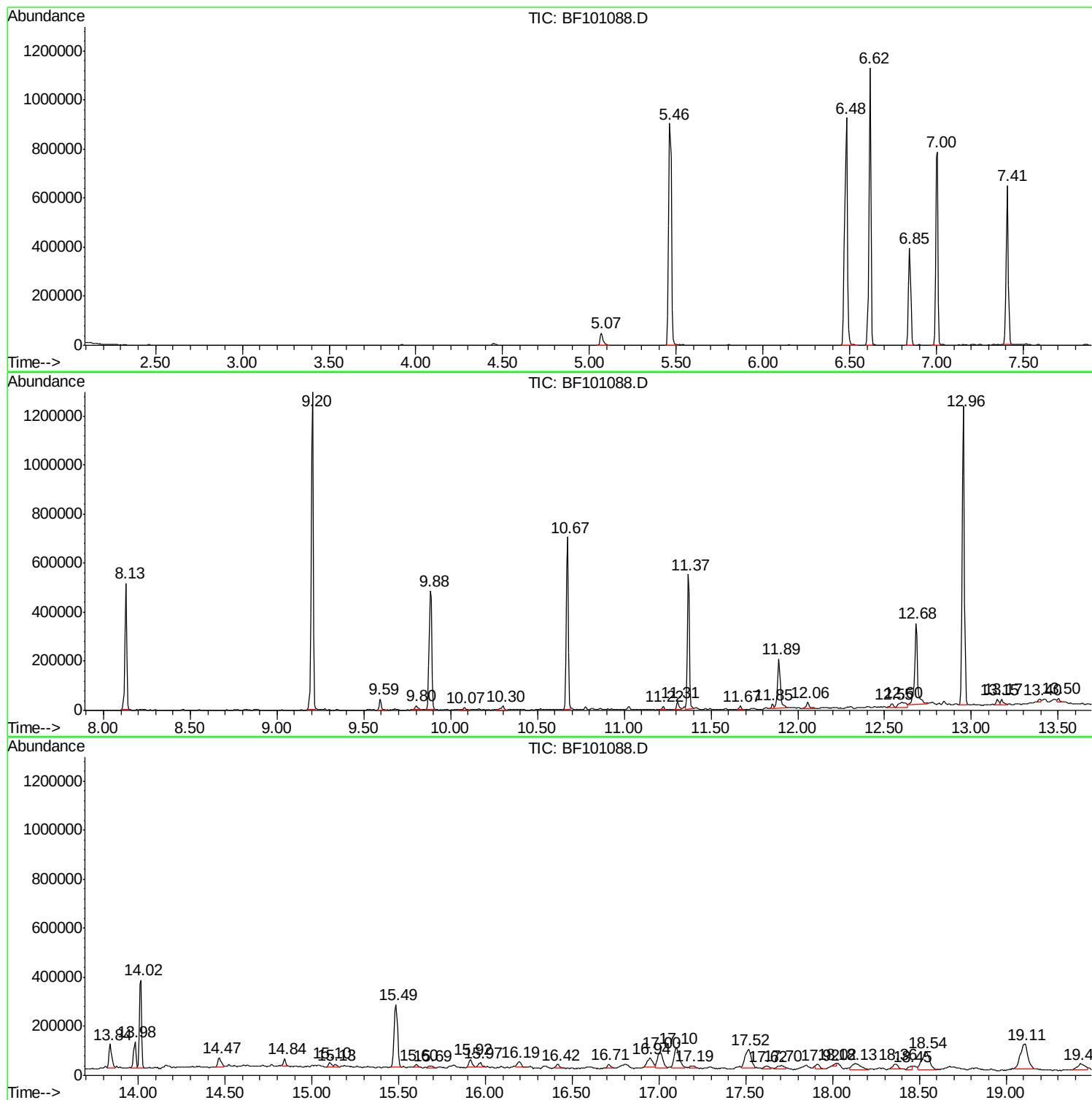
Sum of corrected areas: 12042702

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.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\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

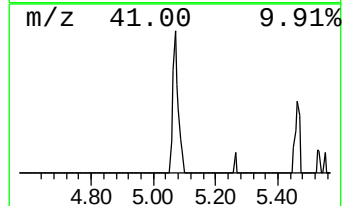
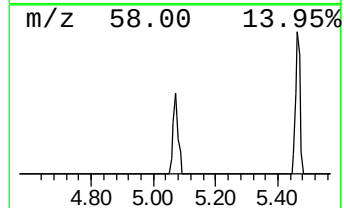
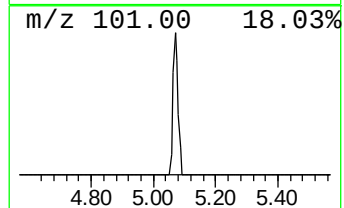
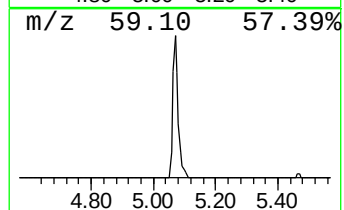
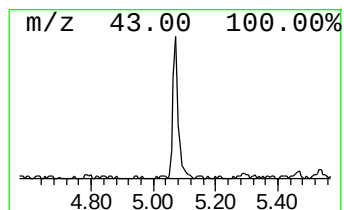
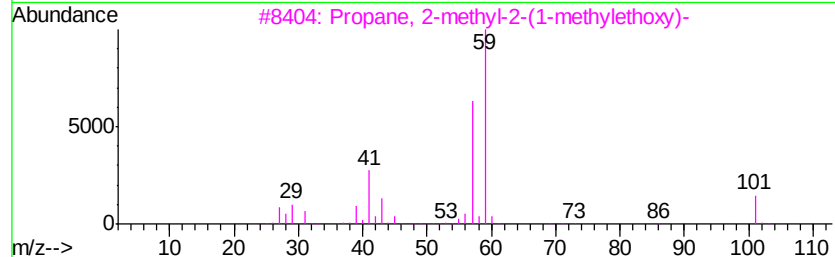
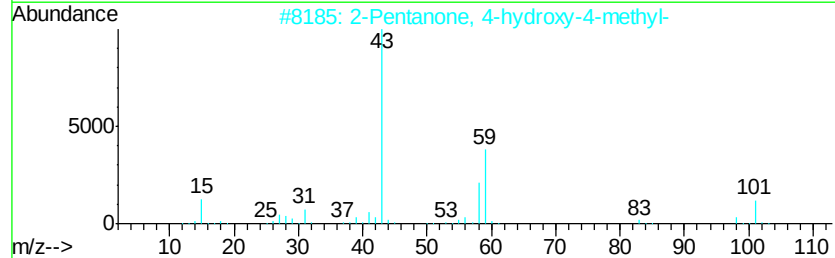
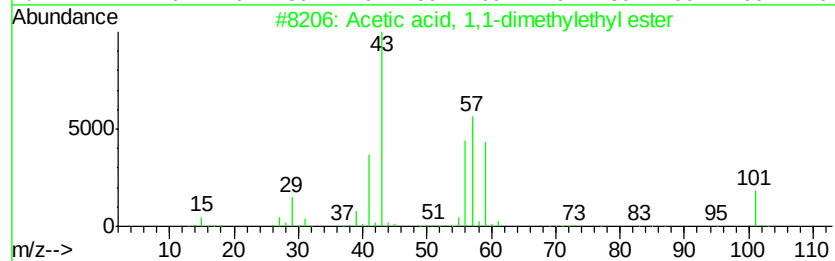
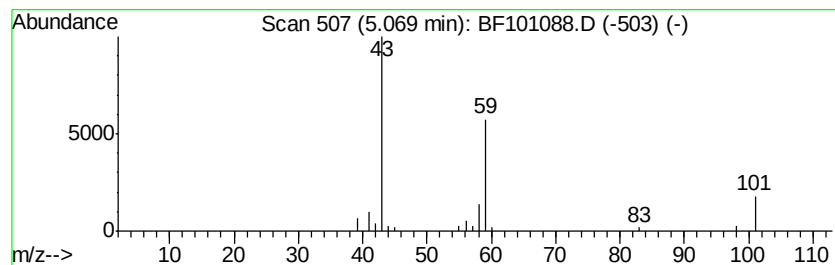
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Acetic acid, 1,1-dimethylet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.90 ng	60523	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4		3-Hexanol	102	C6H14O	000623-37-0	33
5		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

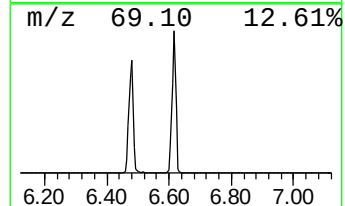
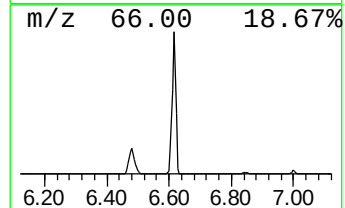
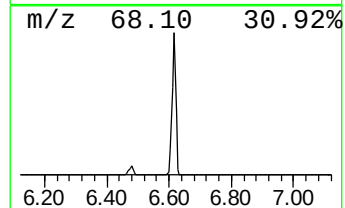
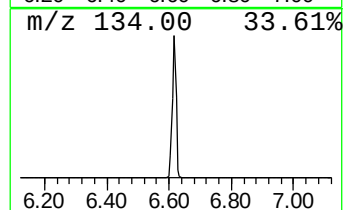
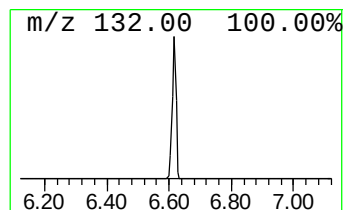
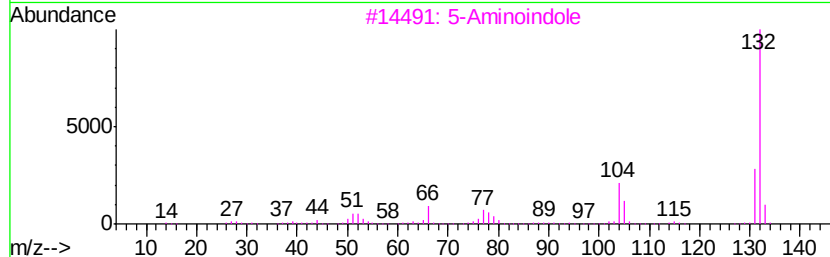
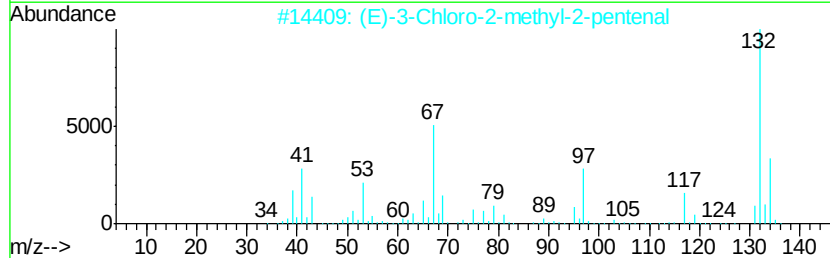
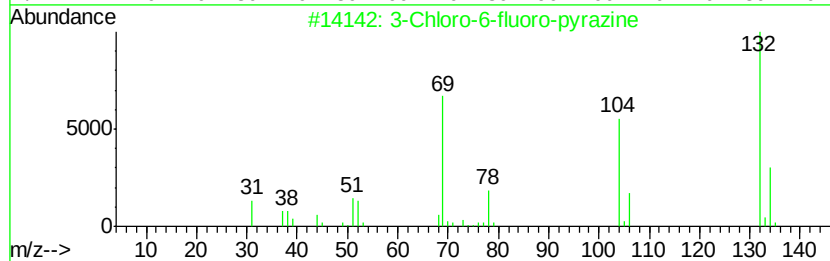
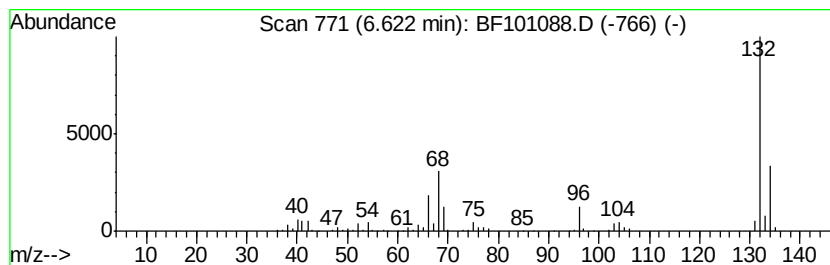
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	59.76 ng	928421	1,4-Dichlorobenzene-d4	6.85

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	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

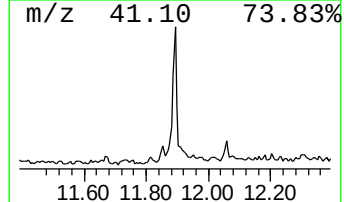
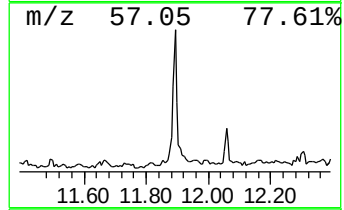
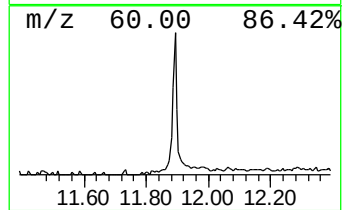
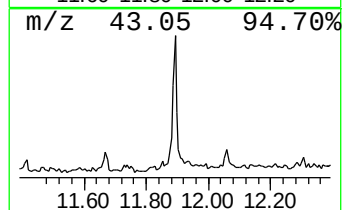
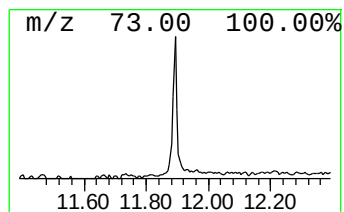
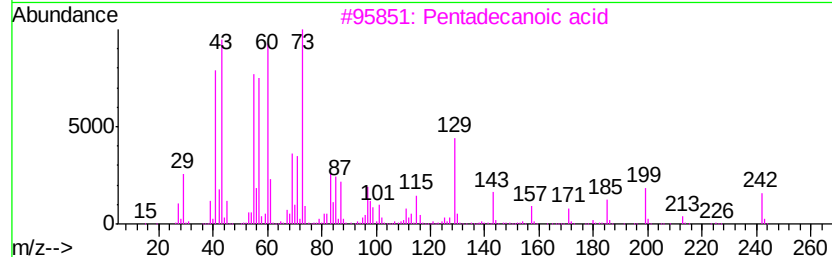
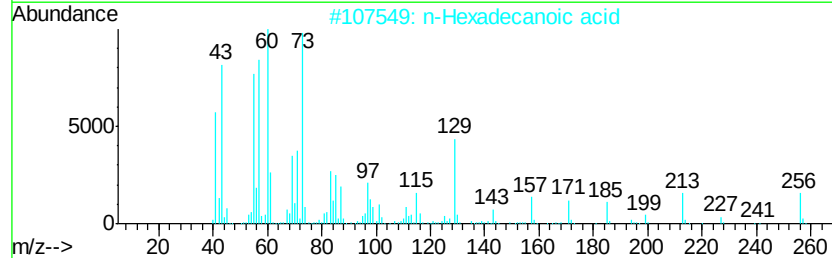
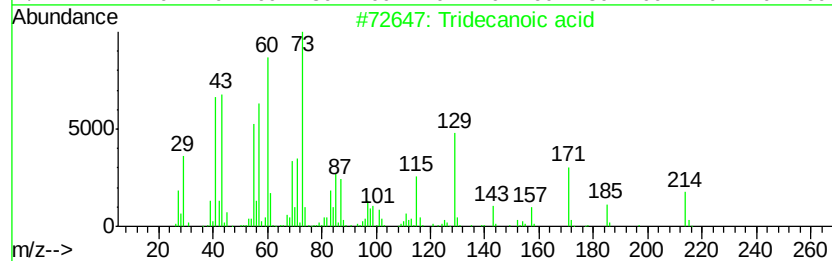
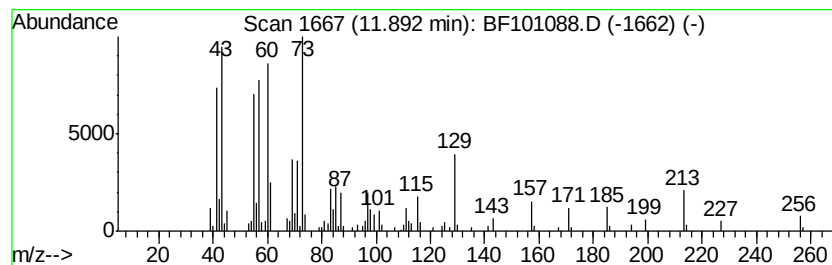
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	8.15 ng	201352	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

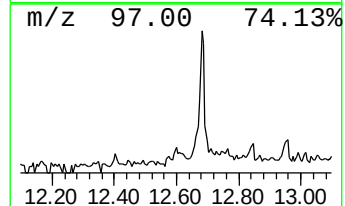
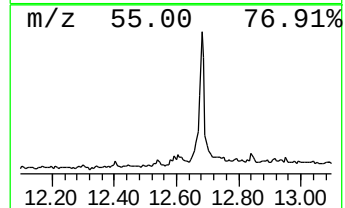
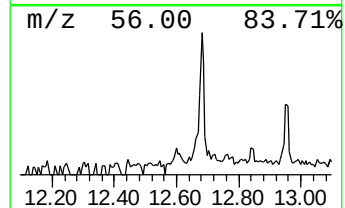
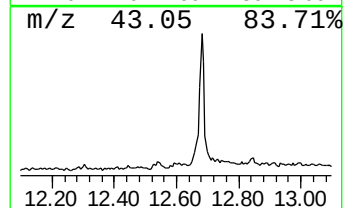
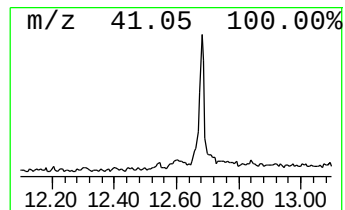
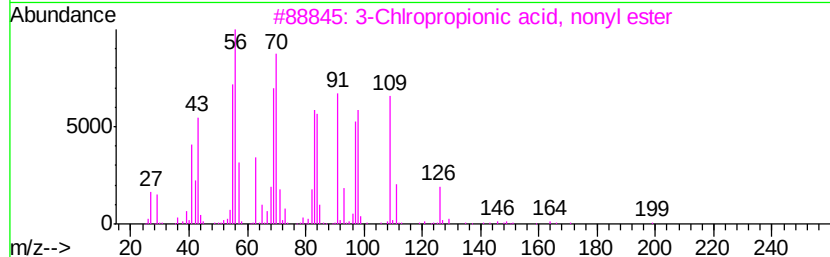
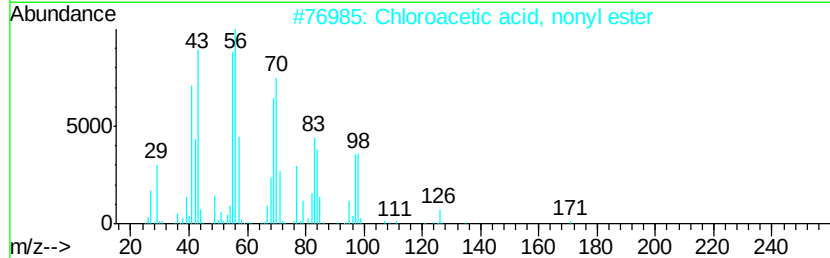
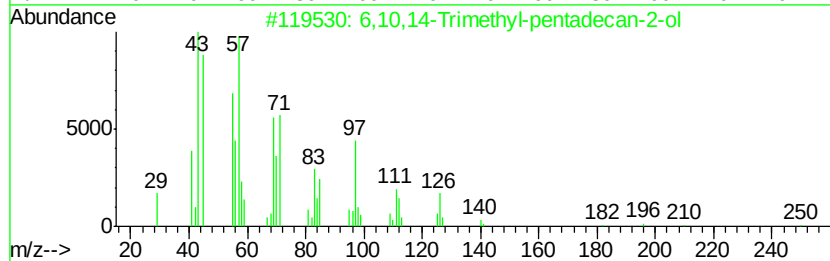
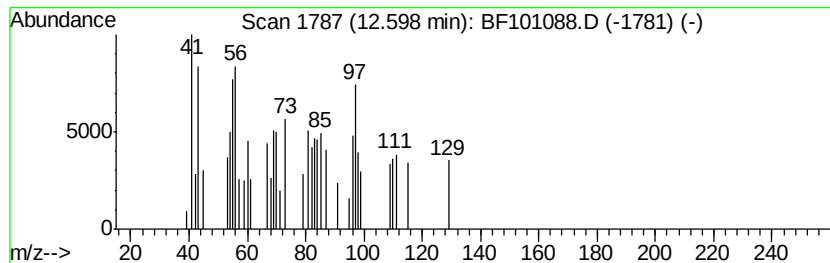
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown12.60 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.39 ng	59021	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,10,14-Trimethyl-pentadecan-2-ol	270	C18H38O	1000143-49-8	43		
2	Chloroacetic acid, nonyl ester	220	C11H21ClO2	005451-96-7	27		
3	3-Chloropropionic acid, nonyl ester	234	C12H23ClO2	074306-05-1	27		
4	4,7,7-Trimethyl-3,9-dioxatricycl...	182	C10H14O3	1000187-22-5	27		
5	1-Nonene	126	C9H18	000124-11-8	27		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

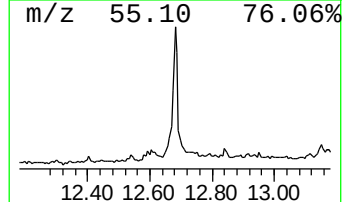
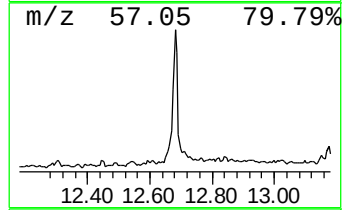
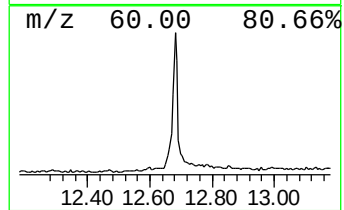
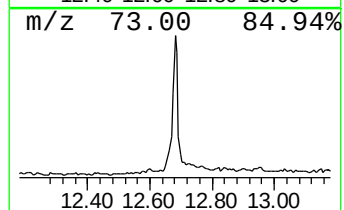
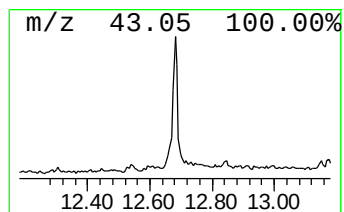
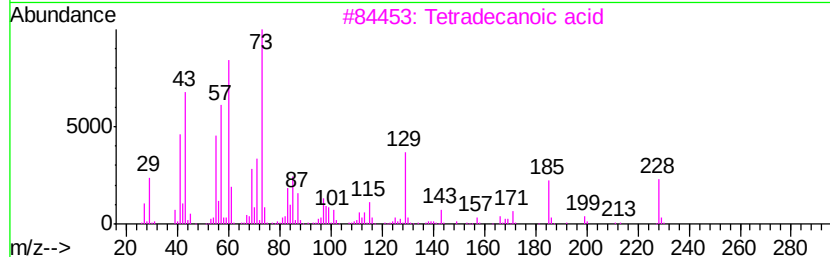
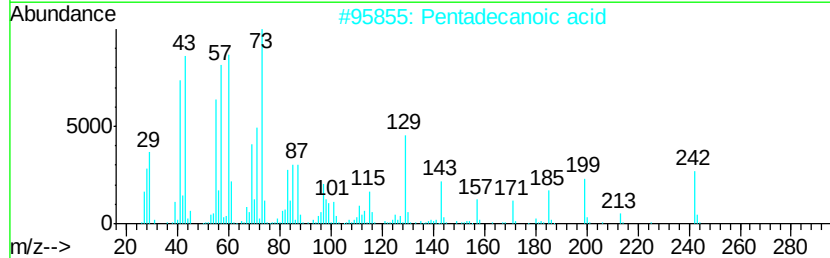
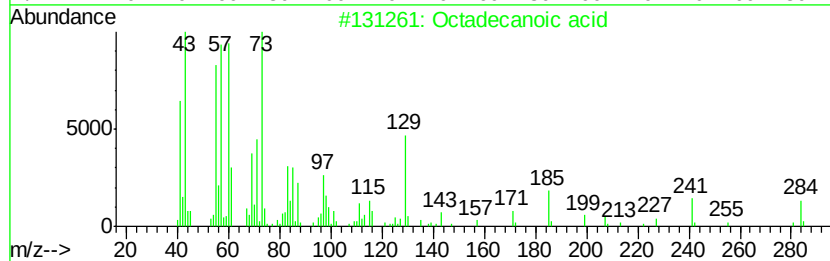
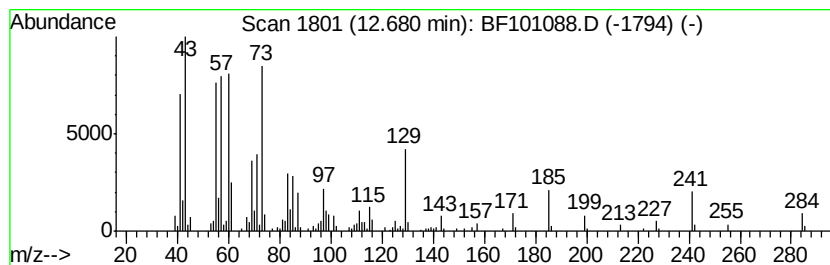
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	17.06 ng	421592	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

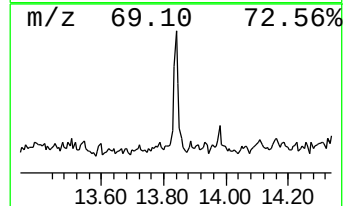
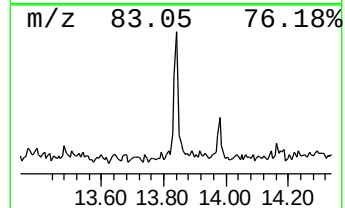
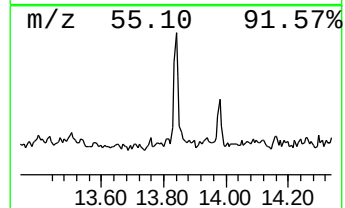
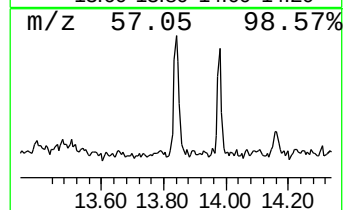
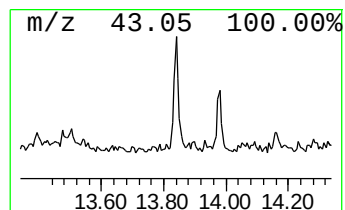
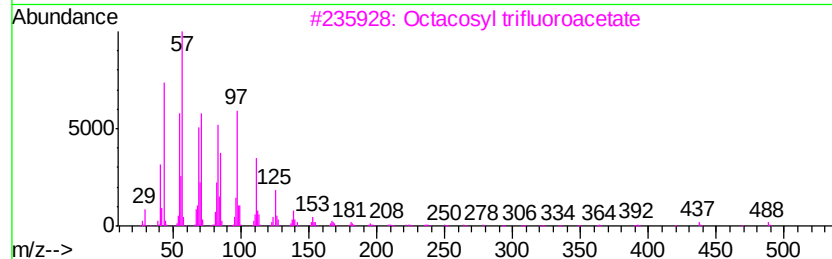
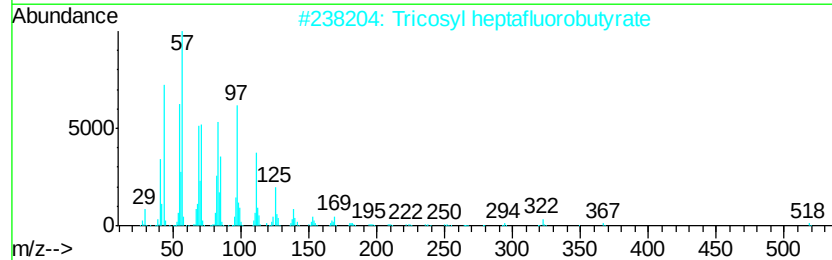
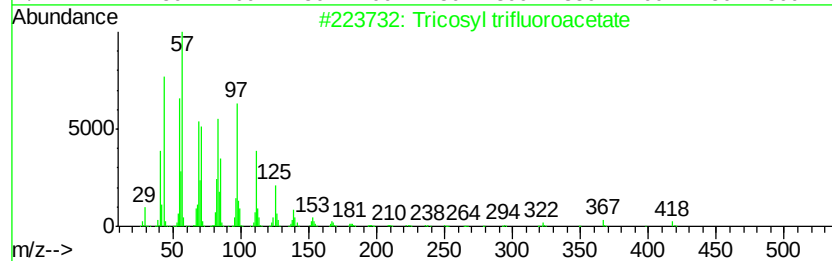
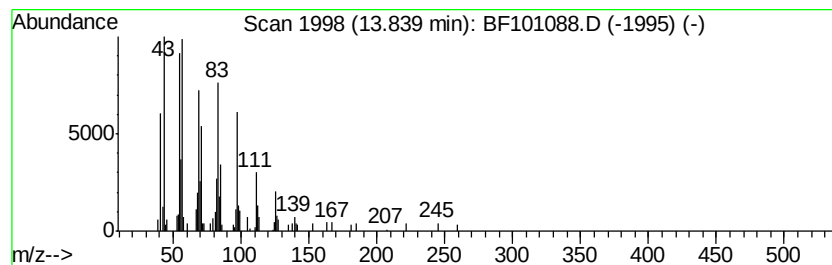
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tricosyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.71 ng	98349	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	93
2		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	81
3		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	81
4		1-Heneicosanol	312	C21H44O	015594-90-8	81
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

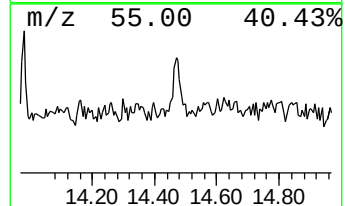
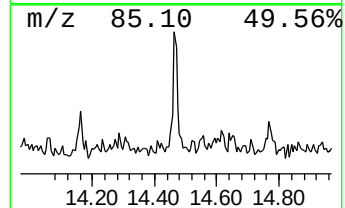
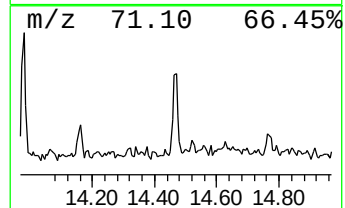
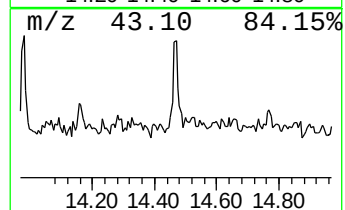
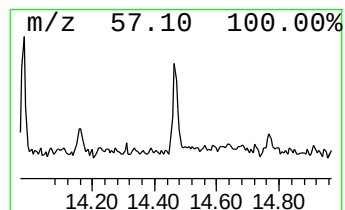
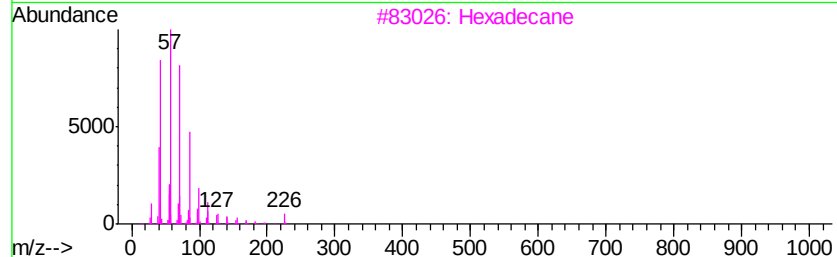
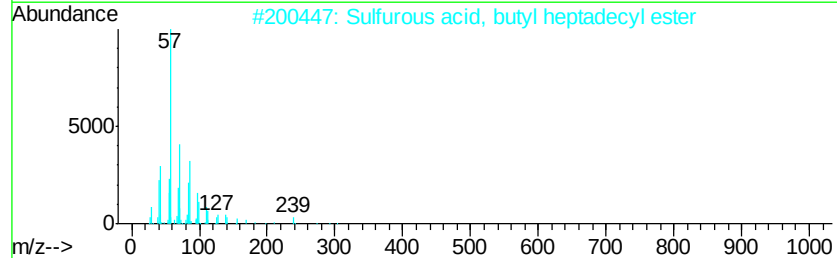
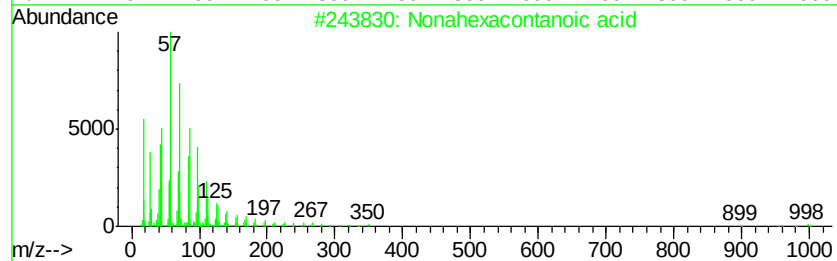
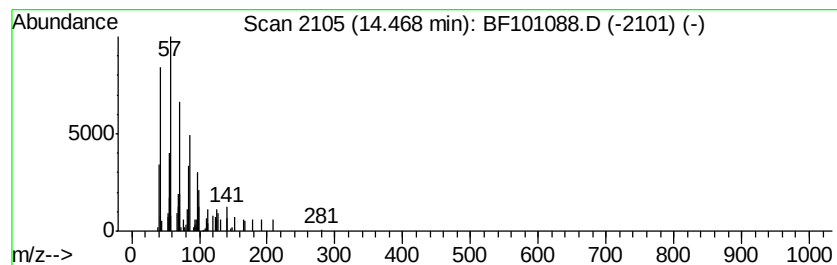
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonahexacontanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.03 ng	52099	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	86
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72
3		Hexadecane	226	C16H34	000544-76-3	59
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	59
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

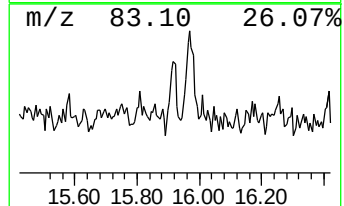
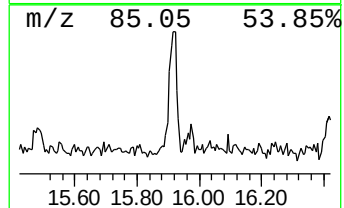
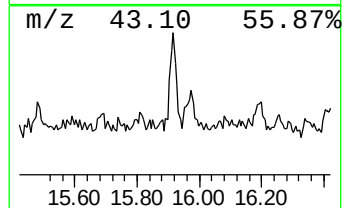
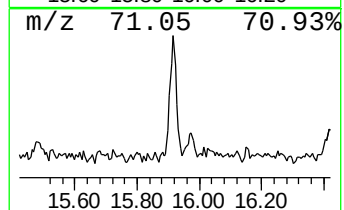
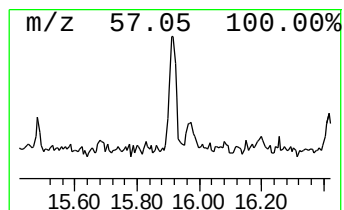
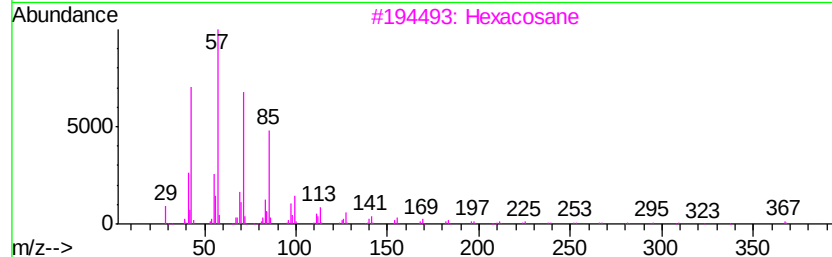
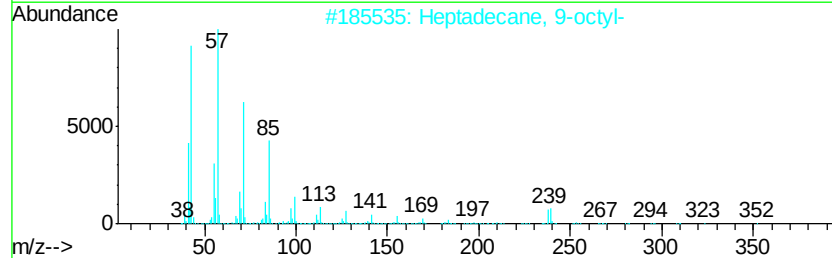
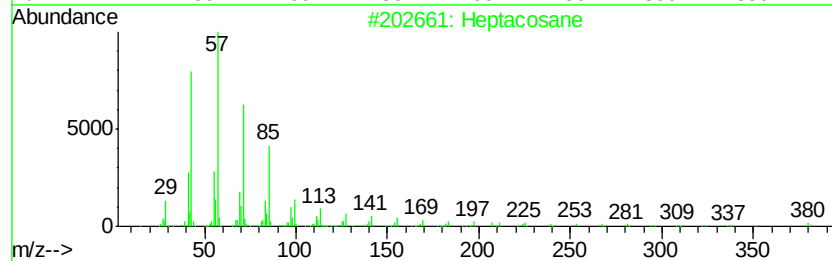
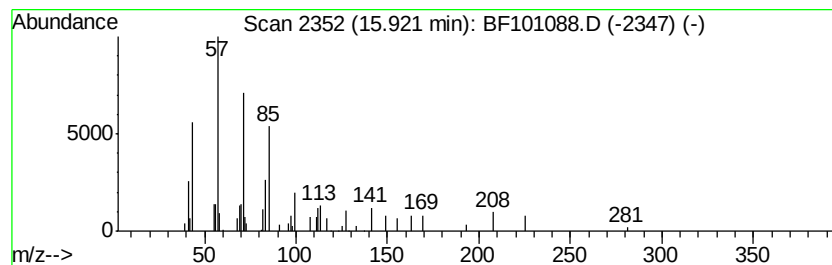
Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.71 ng	43846	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	80
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	64
3	Hexacosane	366 C26H54	000630-01-3	64
4	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

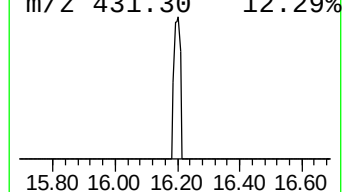
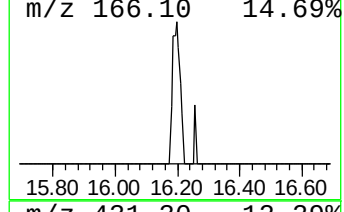
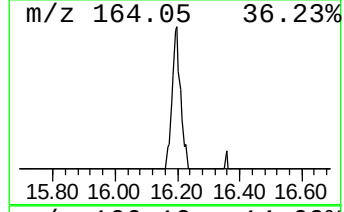
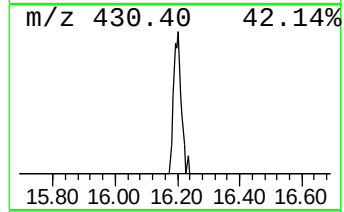
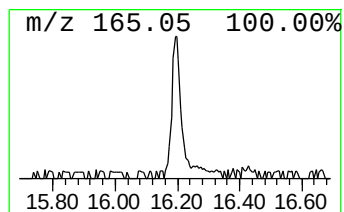
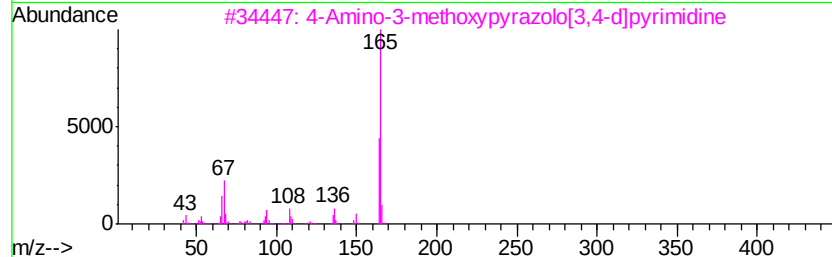
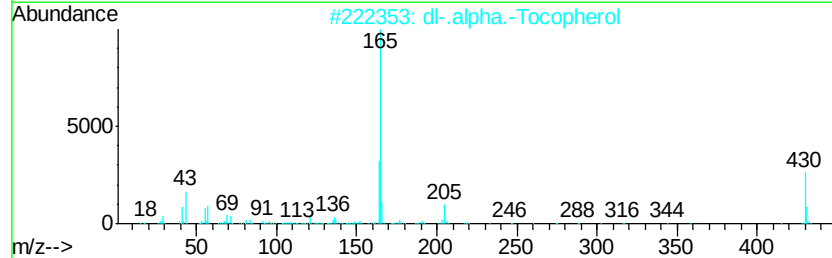
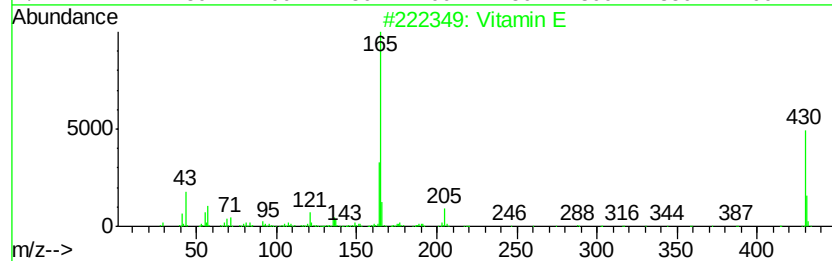
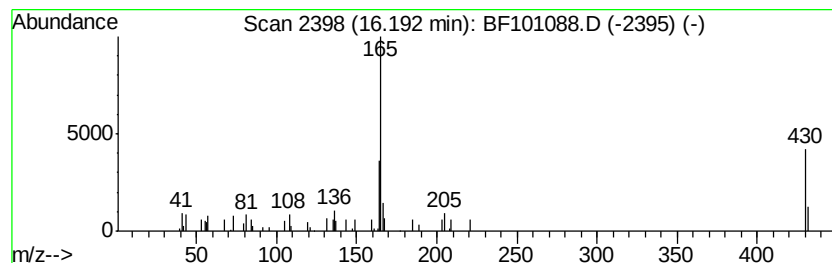
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Vitamin E Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.33 ng	37647	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	000059-02-9	90
2		dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	87
3		4-Amino-3-methoxypprazolo[3,4-d]...	165	C6H7N5O	111375-22-5	47
4		1H-Purin-2-amine, 6-methoxy-	165	C6H7N5O	020535-83-5	46
5		N-[2-(2,4-Dimethoxyphenylthio)be...	303	C17H21N02S	127905-75-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

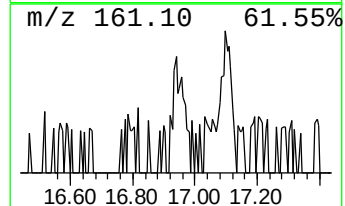
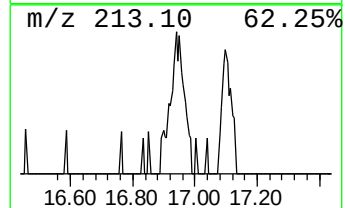
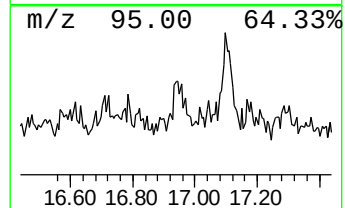
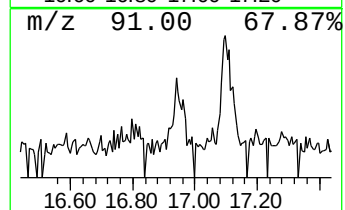
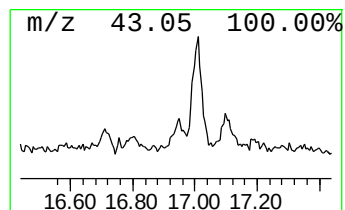
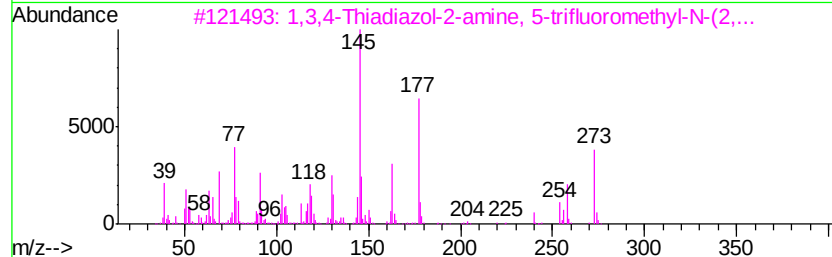
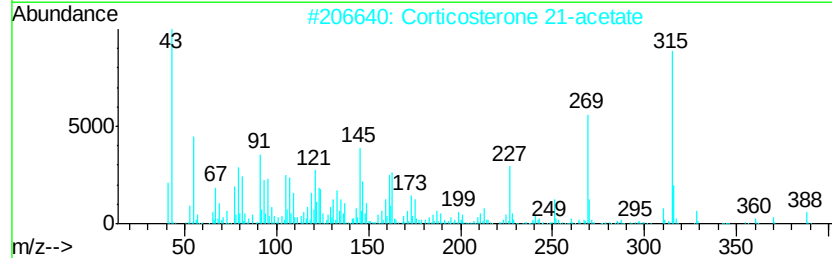
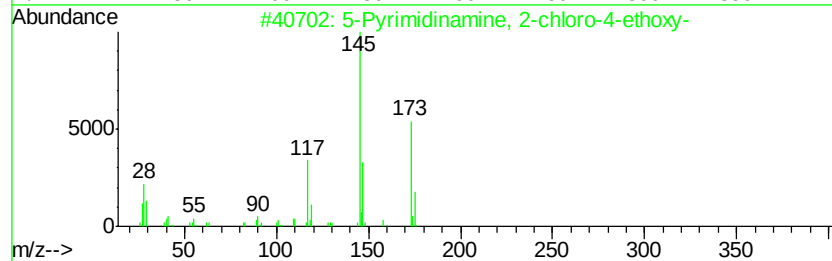
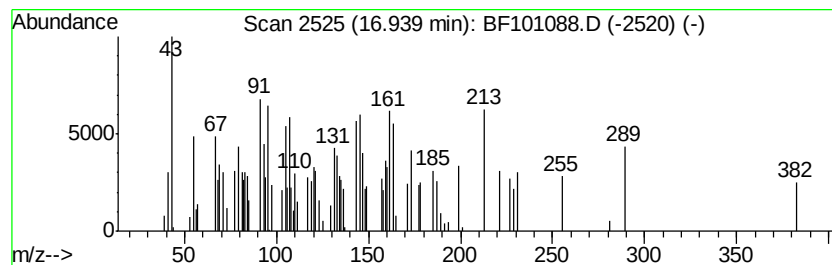
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.94 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	5.14 ng	83155	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Pyrimidinamine, 2-chloro-4-eth...	173	C6H8ClN3O	054484-70-7	10
2		Corticosterone 21-acetate	388	C23H32O5	001173-26-8	10
3		1,3,4-Thiadiazol-2-amine, 5-trif...	273	C11H10F3N3S	284488-18-2	9
4		1H-1,3-Benzimidazole, 2-(2-pyrro...	187	C11H13N3	1000338-11-7	9
5		Ledene oxide-(II)	220	C15H24O	1000159-36-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

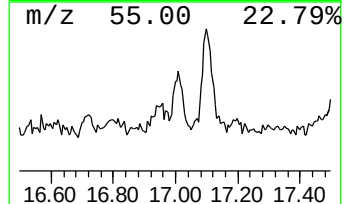
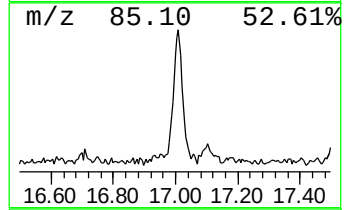
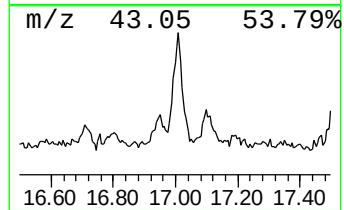
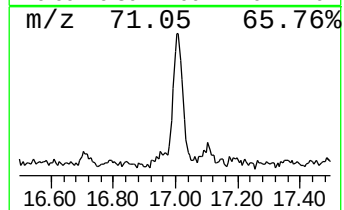
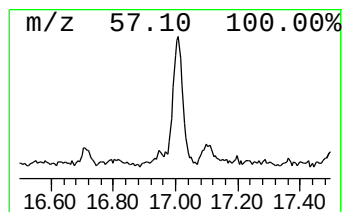
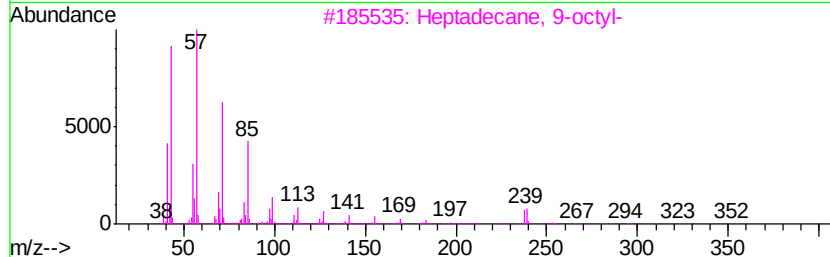
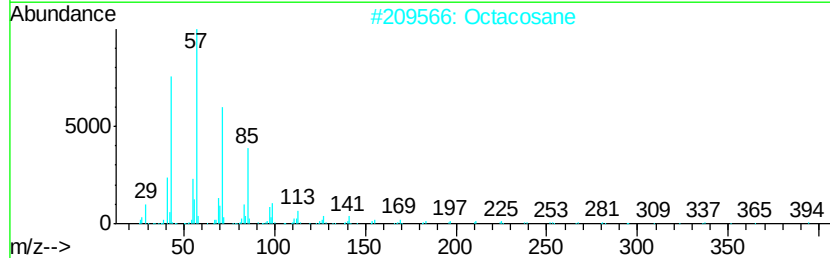
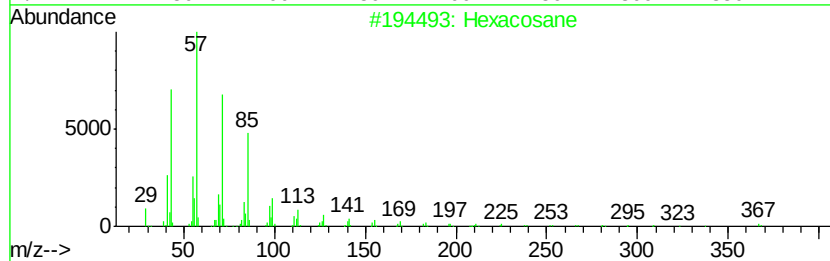
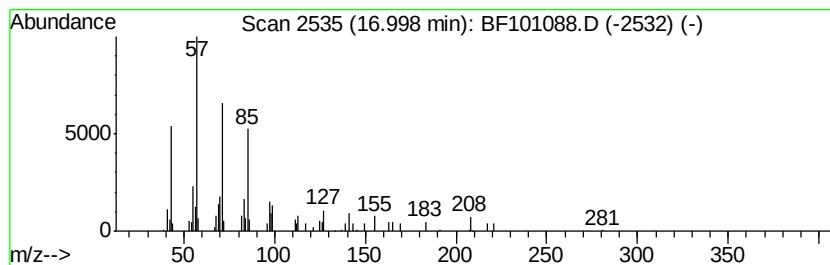
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	7.57 ng	122497	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Octacosane	394	C28H58	000630-02-4	86
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4		Octadecane	254	C18H38	000593-45-3	80
5		Docosane	310	C22H46	000629-97-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

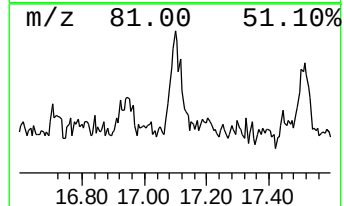
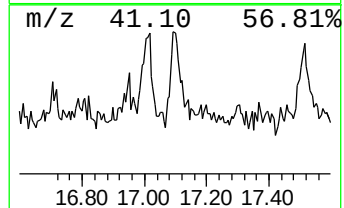
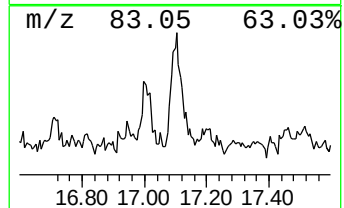
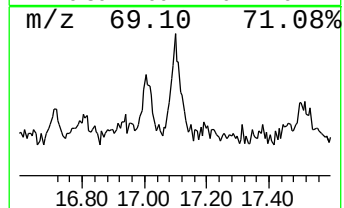
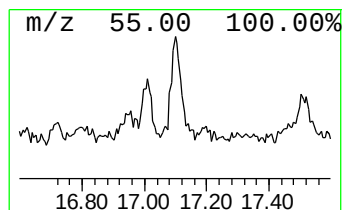
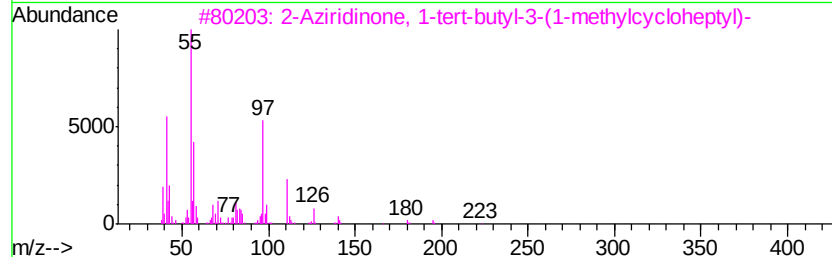
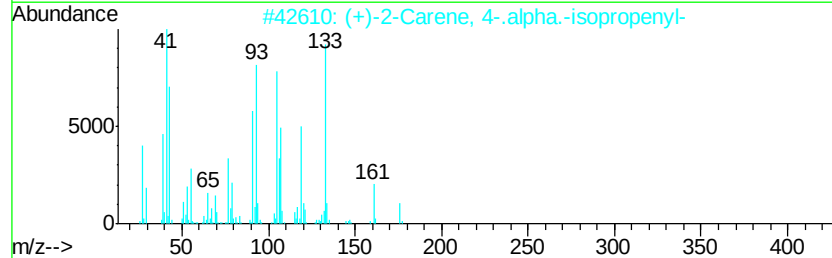
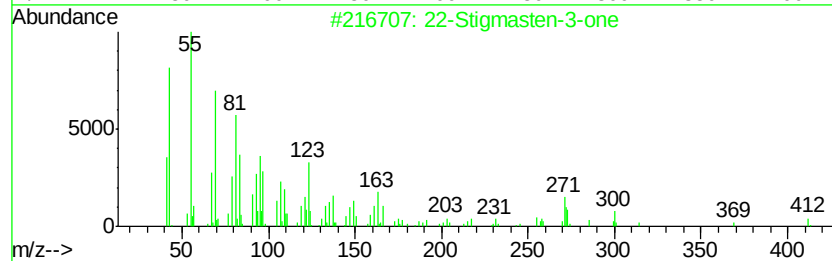
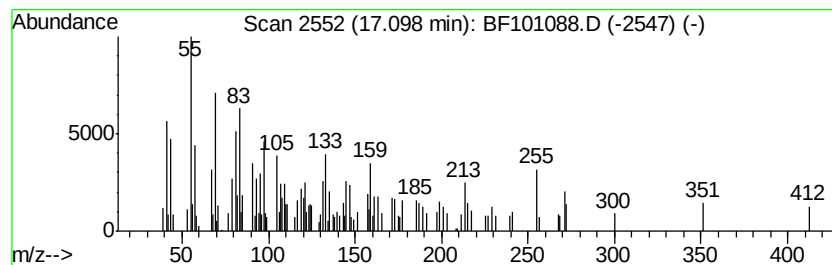
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	10.64 ng	172345	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	22-Stigmasten-3-one			412	C29H48O	004736-95-2	12
2	(+)-2-Carene, 4-.alpha.-isoprope...			176	C13H20	1000151-26-0	11
3	2-Aziridinone, 1-tert-butyl-3-(1...			223	C14H25NO	026944-18-3	10
4	Cyclopentane, (1-methylbutyl)-			140	C10H20	004737-43-3	10
5	7-Tetradecanol			214	C14H30O	003981-79-1	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

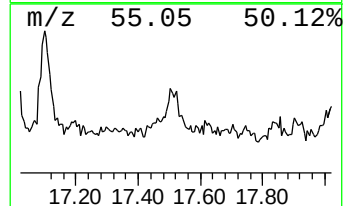
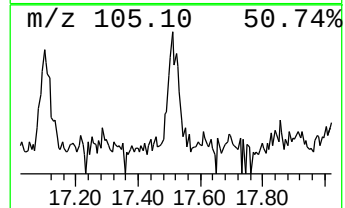
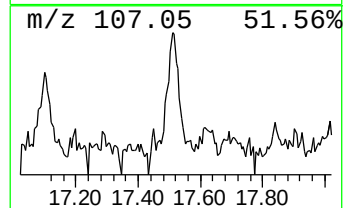
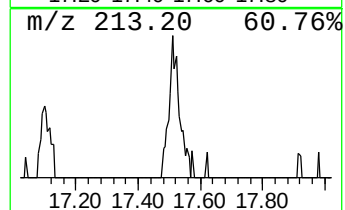
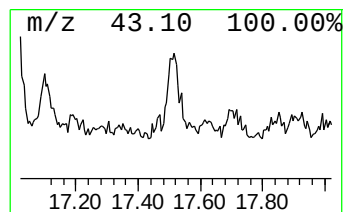
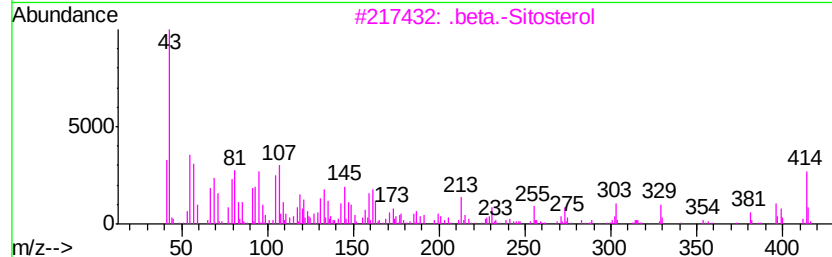
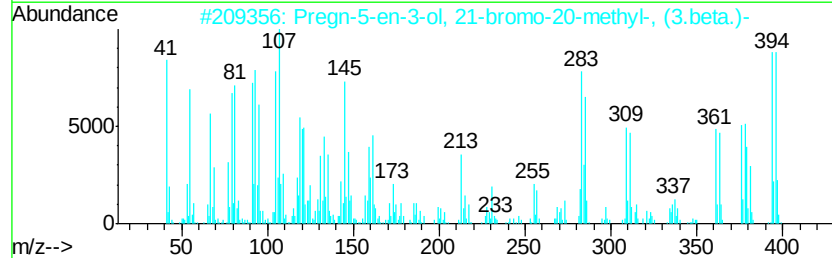
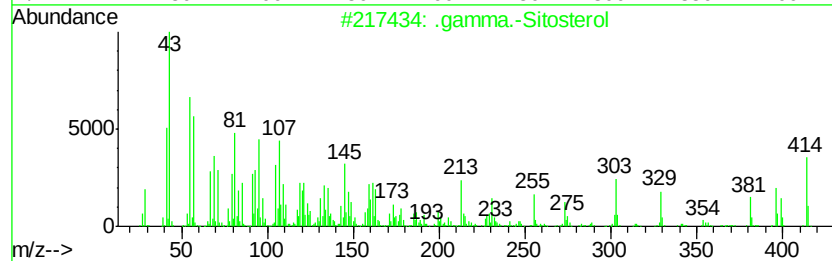
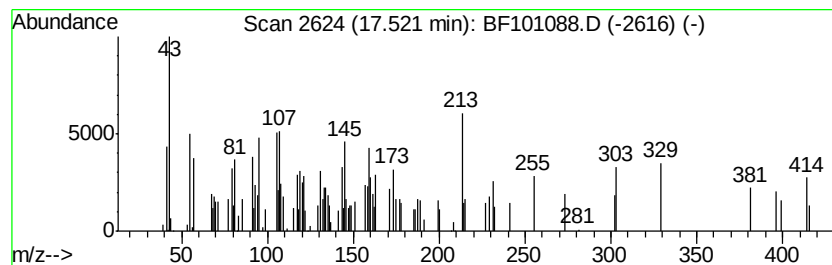
Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	10.87 ng	175960	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 78
2		Pregn-5-en-3-ol, 21-bromo-20-met...	394 C22H35BrO	055103-80-5 74
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 70
4		I-22,23-Dihydrostigmasterol	414 C29H50O	1000214-82-6 25
5		Pregn-5-ene-3,12,14,17,20-pentol...	366 C21H34O5	028417-32-5 25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

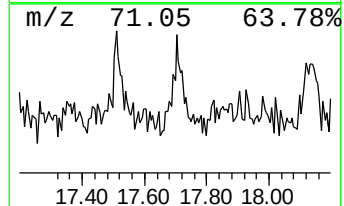
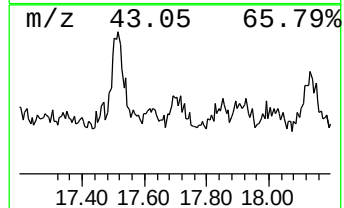
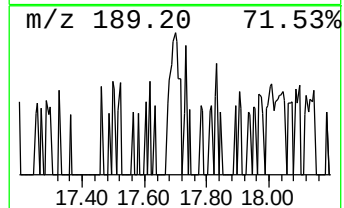
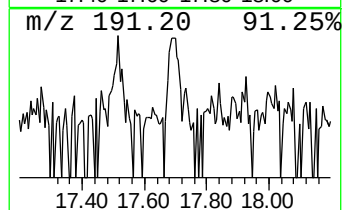
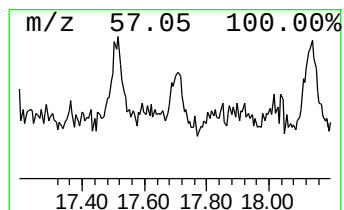
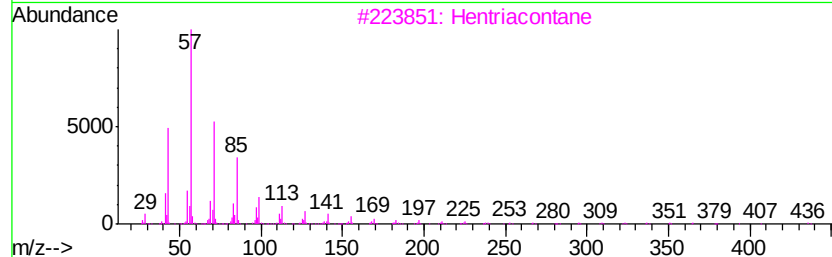
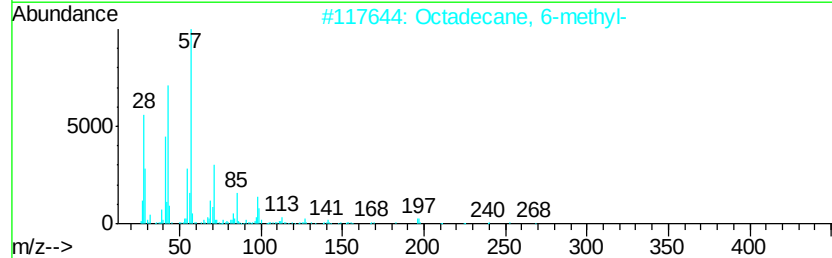
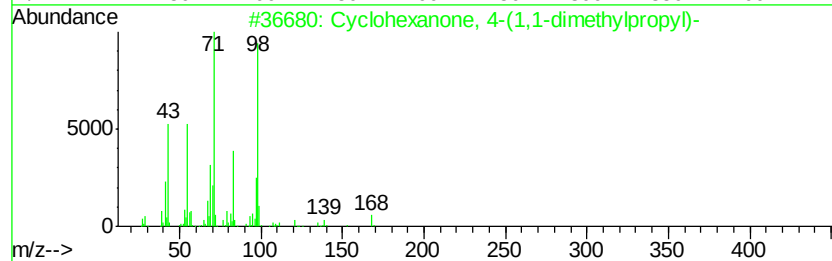
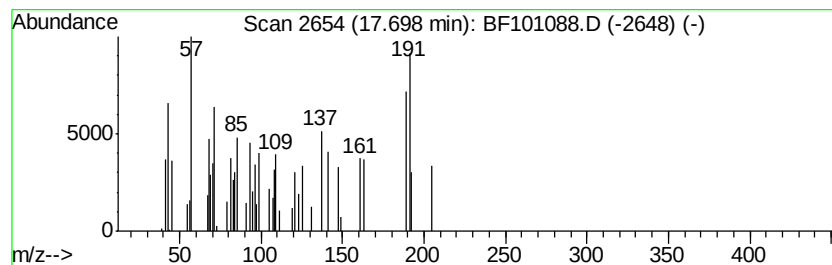
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown17.70 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.25 ng	36435	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 4-(1,1-dimethylpr...	168	C11H20O	016587-71-6	22
2		Octadecane, 6-methyl-	268	C19H40	010544-96-4	22
3		Hentriacontane	437	C31H64	000630-04-6	12
4		Hexatriacontane	507	C36H74	000630-06-8	12
5		Heptacosane	380	C27H56	000593-49-7	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

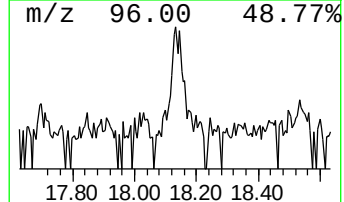
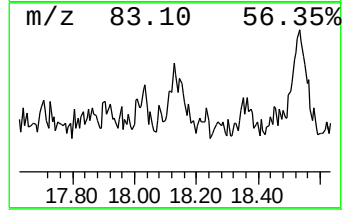
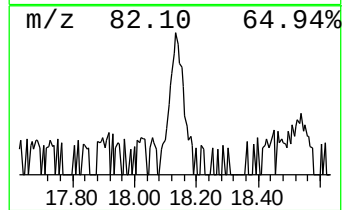
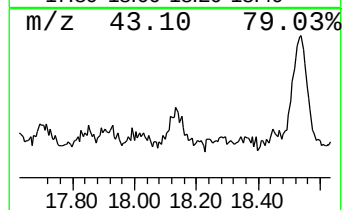
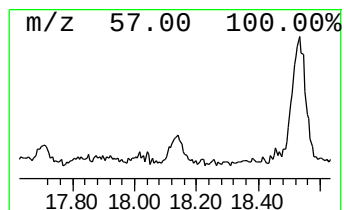
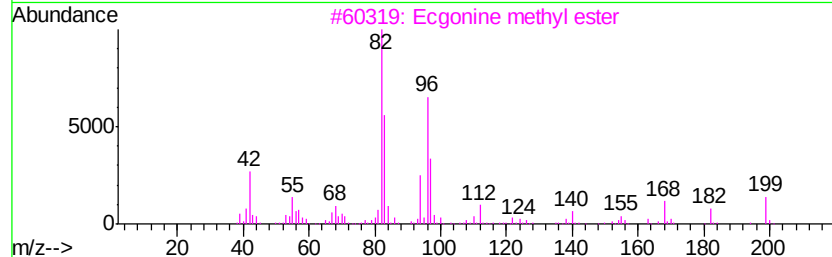
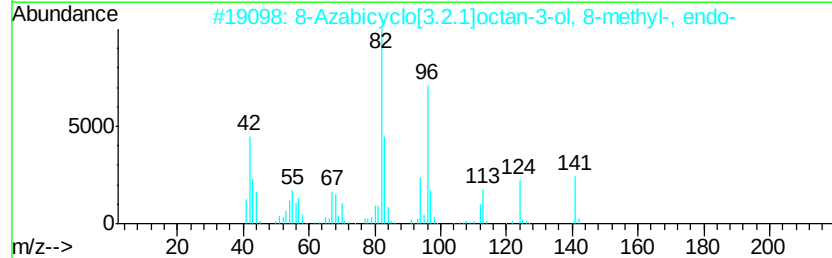
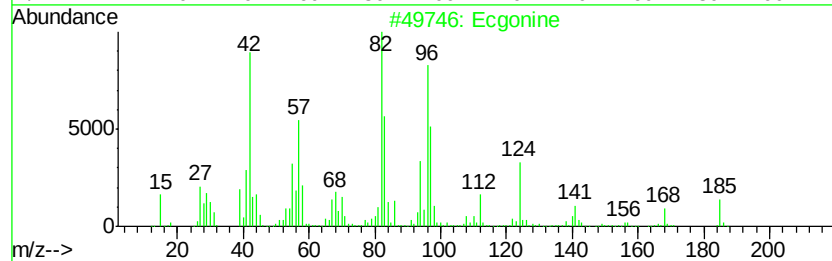
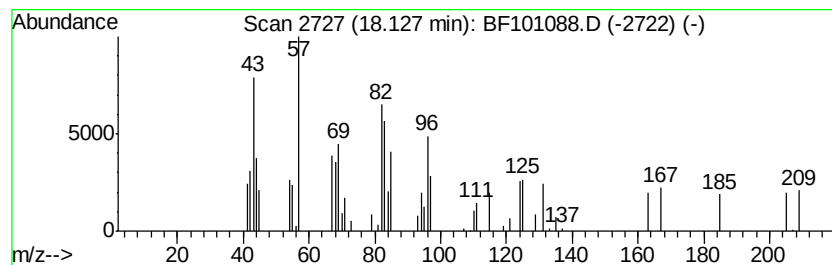
Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Ecgonine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.13	5.16 ng	83533	Perylene-d12	15.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ecgonine	185	C9H15NO3	000481-37-8	53
2		8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	50
3		Ecgonine methyl ester	199	C10H17NO3	106293-60-1	50
4		Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	46
5		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

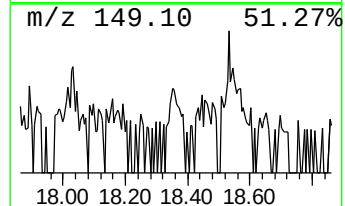
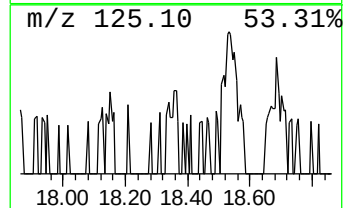
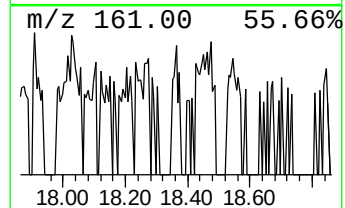
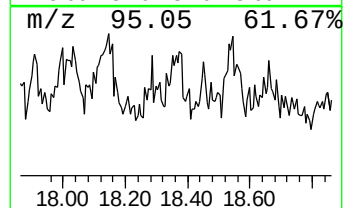
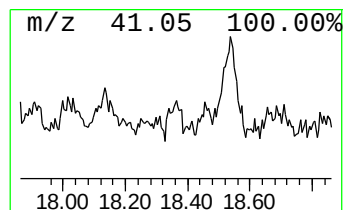
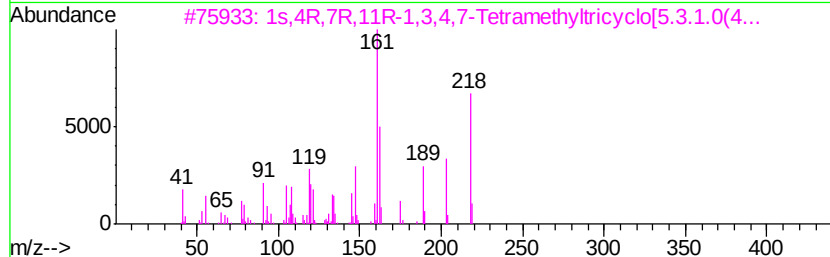
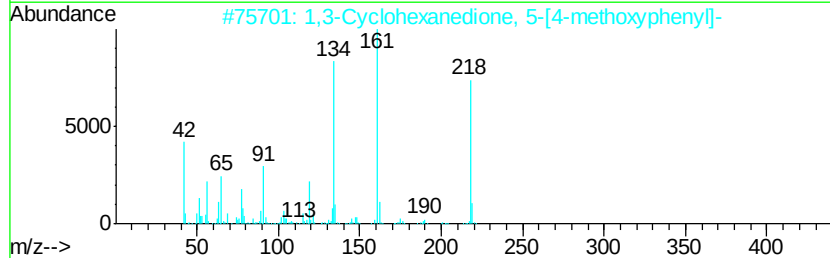
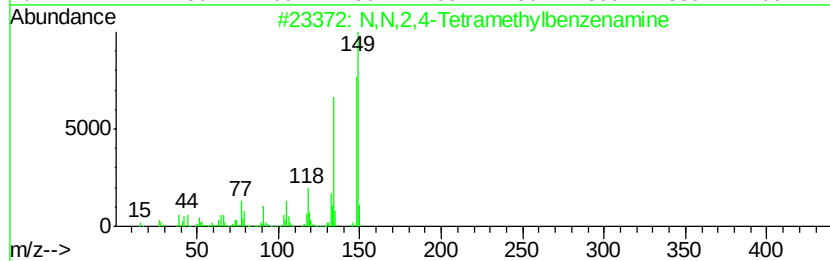
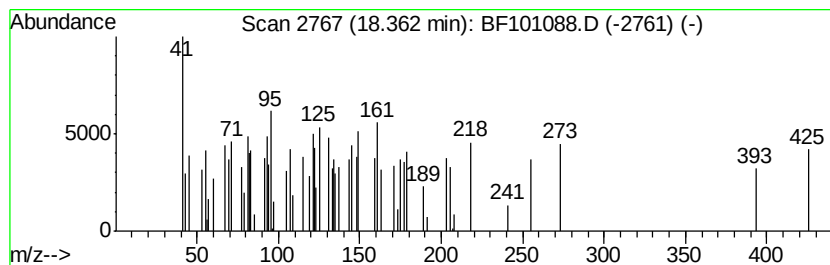
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.36 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.04 ng	49229	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N,2,4-Tetramethylbenzenamine	149	C10H15N	000769-53-9	11
2		1,3-Cyclohexanedione, 5-[4-metho...	218	C13H14O3	001774-12-5	9
3		1s,4R,7R,11R-1,3,4,7-Tetramethyl...	218	C15H22O	137235-42-8	9
4		1H-Indole-2-carboxylic acid, 5-f...	179	C9H6FN02	000399-76-8	9
5		Benzenamine, N,N,2,6-tetramethyl-	149	C10H15N	000769-06-2	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

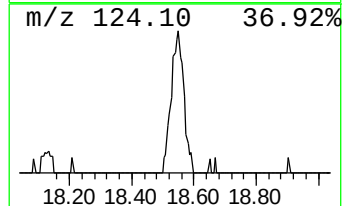
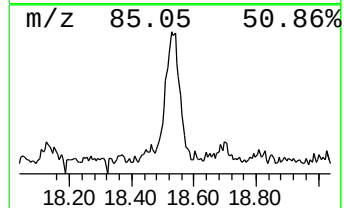
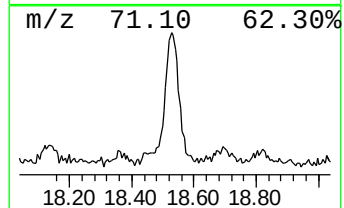
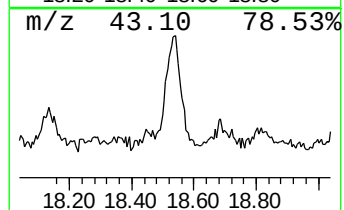
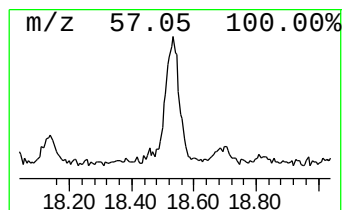
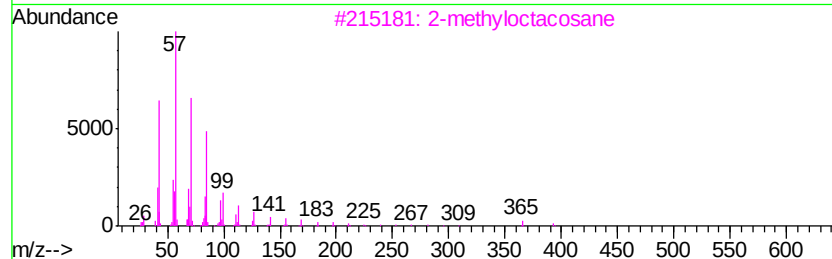
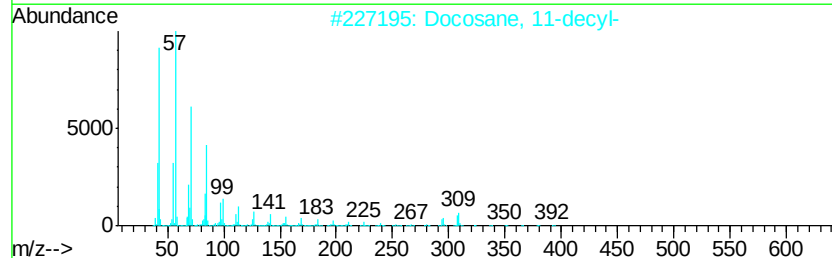
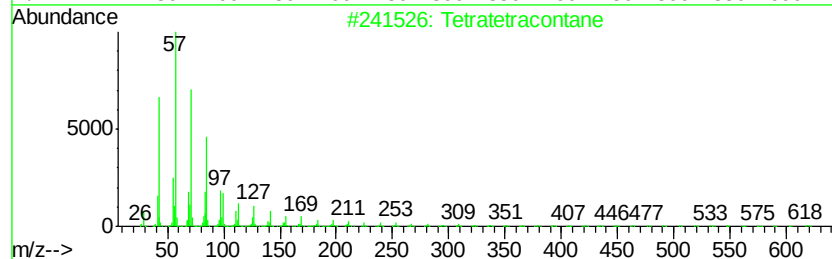
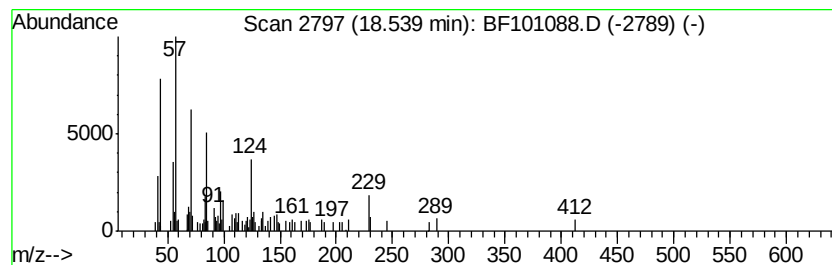
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown18.54 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	13.06 ng	211488	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	49
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	49
3		2-methyloctacosane	408	C29H60	1000376-72-8	46
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	46
5		Octacosane	394	C28H58	000630-02-4	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

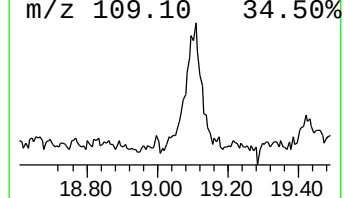
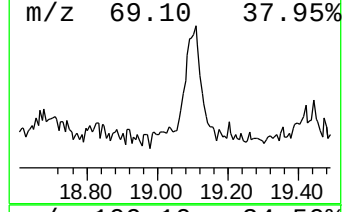
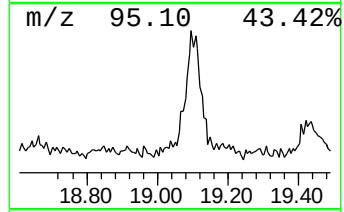
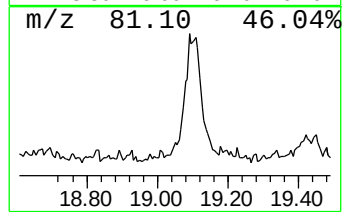
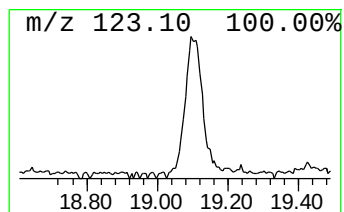
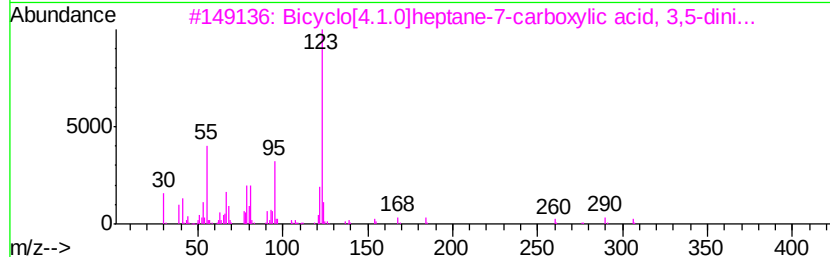
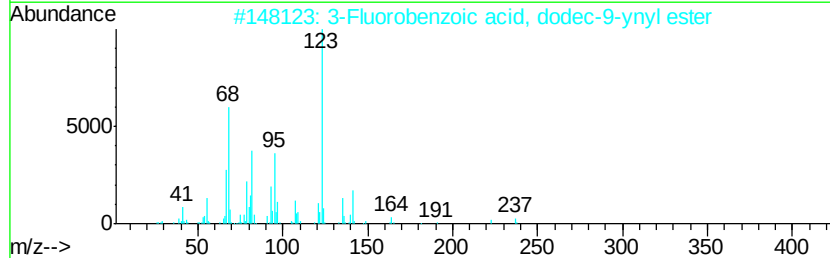
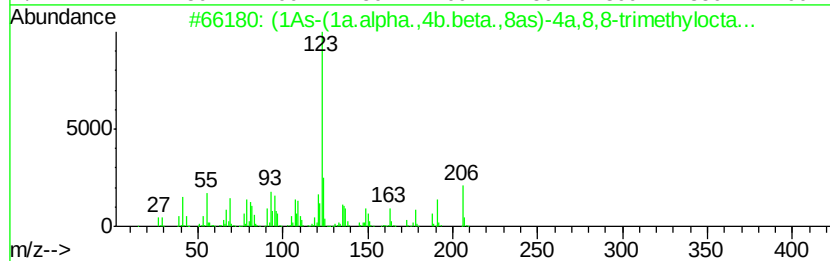
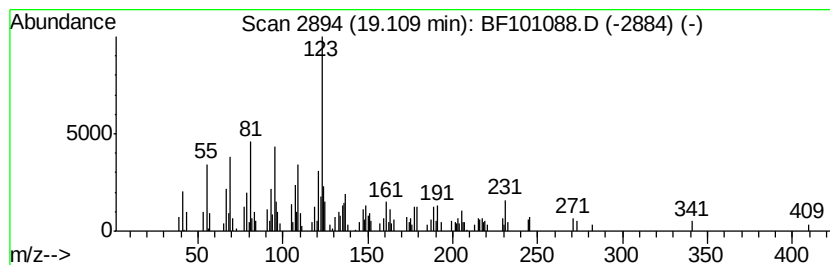
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 (1As-(1a.alpha.,4b.beta.,8a... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	18.56 ng	300577	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1As-(1a.alpha.,4b.beta.,8a...)	206	C14H22O	082262-79-1	64
2		3-Fluorobenzoic acid, dodec-9-yn...	304	C19H25F02	1000283-01-6	47
3		Bicyclo[4.1.0]heptane-7-carboxyl...	306	C14H14N2O6	1000311-95-8	47
4		2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	47
5		2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101088.D
Acq On : 4 Dec 2017 10:55
Operator : SJ/JU
Sample : I6630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

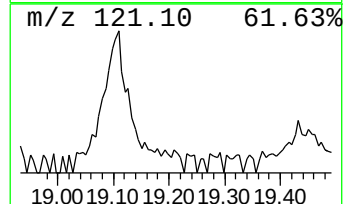
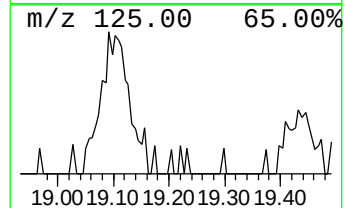
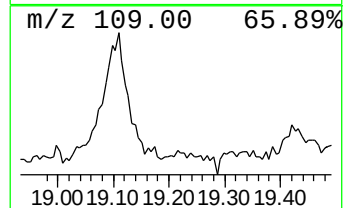
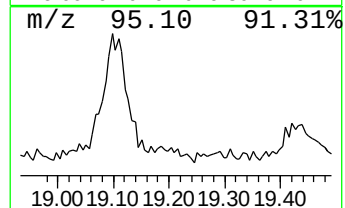
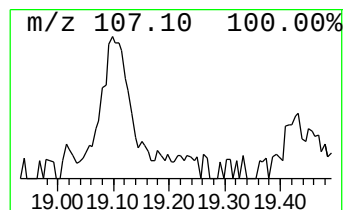
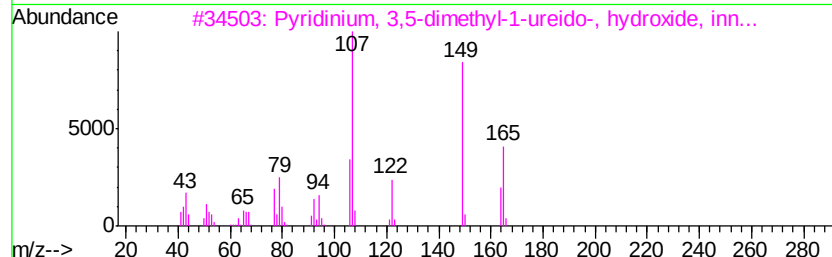
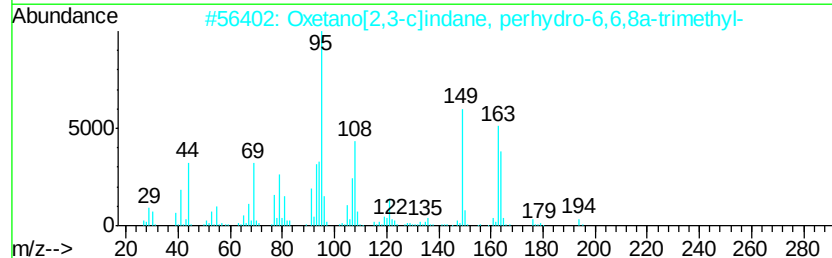
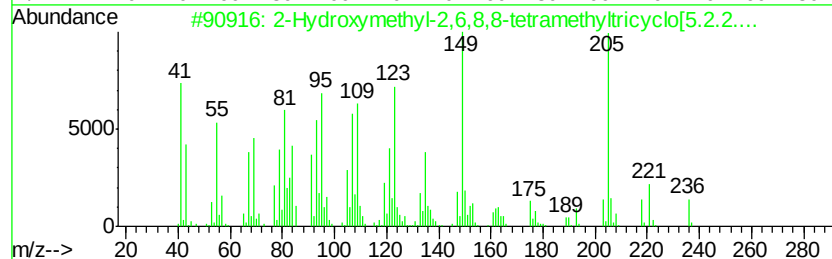
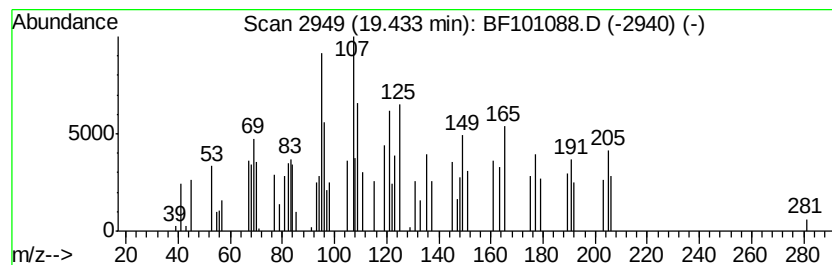
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.43 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	4.58 ng	74142	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxymethyl-2,6,8,8-tetramet...	236	C16H28O	137235-47-3	27
2		Oxetano[2,3-c]indane, perhydro-6...	194	C13H22O	043125-92-4	25
3		Pyrrolium, 3,5-dimethyl-1-ureid...	165	C8H11N3O	031382-90-8	25
4		Silane, chlorodiethyl(dodec-9-yn...	302	C16H31ClOSi	1000363-59-2	16
5		3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	001423-46-7	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
 Data File : BF101088.D
 Acq On : 4 Dec 2017 10:55
 Operator : SJ/JU
 Sample : I6630-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S001-0001-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
Acetic acid, 1,1-...	5.07	3.9 ng		60523	1	6.85	310741	20.0
unknown6.62	6.62	59.8 ng		928421	1	6.85	310741	20.0
Tridecanoic acid	11.89	8.2 ng		201352	4	11.37	494241	20.0
unknown12.60	12.60	2.4 ng		59021	4	11.37	494241	20.0
Octadecanoic acid	12.68	17.1 ng		421592	4	11.37	494241	20.0
Tricosyl trifluor...	13.84	5.7 ng		98349	5	14.02	344400	20.0
Nonahexacontanoic...	14.47	3.0 ng		52099	5	14.02	344400	20.0
Heptacosane	15.92	2.7 ng		43846	6	15.49	323818	20.0
Vitamin E	16.19	2.3 ng		37647	6	15.49	323818	20.0
unknown16.94	16.94	5.1 ng		83155	6	15.49	323818	20.0
Hexacosane	17.00	7.6 ng		122497	6	15.49	323818	20.0
unknown17.10	17.10	10.6 ng		172345	6	15.49	323818	20.0
.gamma.-Sitosterol	17.52	10.9 ng		175960	6	15.49	323818	20.0
unknown17.70	17.70	2.3 ng		36435	6	15.49	323818	20.0
Ecgonine	18.13	5.2 ng		83533	6	15.49	323818	20.0
unknown18.36	18.36	3.0 ng		49229	6	15.49	323818	20.0
unknown18.54	18.54	13.1 ng		211488	6	15.49	323818	20.0
(1As-(1a.alpha.,4...	19.11	18.6 ng		300577	6	15.49	323818	20.0
unknown19.43	19.43	4.6 ng		74142	6	15.49	323818	20.0