

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094888.D
 Acq On : 4 May 2017 22:47
 Operator : SJ/MA
 Sample : I2916-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

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	5.013	519	523	539	rBV	207494	414040	20.19%	1.503%
2	5.666	629	634	658	rBV	1123711	1744606	85.09%	6.332%
3	6.237	726	731	740	rBV	14602	25245	1.23%	0.092%
4	7.260	900	905	921	rBV	1311857	1785649	87.09%	6.481%
5	7.378	921	925	935	rVB	1426183	1930137	94.13%	7.005%
6	7.719	979	983	993	rVB	439989	497179	24.25%	1.804%
7	7.960	1018	1024	1042	rBV2	1214117	2050403	100.00%	7.441%
8	8.437	1101	1105	1109	rBV	51098	59443	2.90%	0.216%
9	8.613	1130	1135	1153	rBV	880183	1176708	57.39%	4.271%
10	9.613	1299	1305	1311	rBV4	17883	33078	1.61%	0.120%
11	9.736	1322	1326	1339	rBV	534093	679987	33.16%	2.468%
12	10.431	1439	1444	1456	rBV3	16954	46155	2.25%	0.168%
13	11.513	1623	1628	1643	rBV	1671316	1937153	94.48%	7.030%
14	11.807	1674	1678	1683	rBV3	15195	26192	1.28%	0.095%
15	12.207	1741	1746	1757	rBV	177266	267547	13.05%	0.971%
16	12.483	1788	1793	1797	rBV	27175	29439	1.44%	0.107%
17	12.566	1802	1807	1818	rVV2	591020	807618	39.39%	2.931%
18	12.677	1822	1826	1831	rVB	26987	34605	1.69%	0.126%
19	12.819	1845	1850	1853	rBV	45596	64688	3.15%	0.235%
20	12.877	1857	1860	1865	rVB	48687	55737	2.72%	0.202%
21	13.413	1947	1951	1956	rBV	31162	37144	1.81%	0.135%
22	13.777	2004	2013	2019	rBV6	25483	64555	3.15%	0.234%
23	13.860	2023	2027	2040	rVV	854604	1242914	60.62%	4.511%
24	13.960	2040	2044	2054	rVB8	33423	79083	3.86%	0.287%
25	14.101	2064	2068	2072	rBV2	79191	90285	4.40%	0.328%
26	14.189	2079	2083	2086	rBV	34279	43172	2.11%	0.157%
27	14.560	2142	2146	2152	rBV6	13521	31317	1.53%	0.114%
28	14.618	2152	2156	2160	rVB5	19711	29431	1.44%	0.107%
29	14.760	2176	2180	2185	rVB2	36311	41310	2.01%	0.150%
30	14.918	2204	2207	2210	rVB	23155	27108	1.32%	0.098%
31	14.971	2210	2216	2221	rBV	620039	847476	41.33%	3.076%
32	15.183	2247	2252	2263	rBV3	192085	354916	17.31%	1.288%
33	15.283	2263	2269	2276	rVB10	22671	58235	2.84%	0.211%
34	15.654	2324	2332	2348	rBV	297218	541689	26.42%	1.966%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094888.D
 Acq On : 4 May 2017 22:47
 Operator : SJ/MA
 Sample : I2916-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

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

35	15.813	2354	2359	2367	rBV2	102790	151799	7.40%	0.551%
36	15.936	2374	2380	2387	rBV2	164507	222052	10.83%	0.806%
37	16.518	2472	2479	2484	rBV6	11428	24141	1.18%	0.088%
38	16.618	2490	2496	2499	rBV5	24845	41777	2.04%	0.152%
39	16.754	2516	2519	2521	rBV	23084	22649	1.10%	0.082%
40	17.024	2561	2565	2568	rBV5	22941	31398	1.53%	0.114%
41	17.054	2568	2570	2575	rVB	20364	23452	1.14%	0.085%
42	17.295	2604	2611	2614	rBV	1384629	1962542	95.71%	7.123%
43	17.459	2635	2639	2646	rVB2	33810	38483	1.88%	0.140%
44	17.654	2665	2672	2676	rBV6	61140	117790	5.74%	0.427%
45	17.683	2676	2677	2680	rVV	42900	39010	1.90%	0.142%
46	17.736	2680	2686	2693	rVB8	28146	78446	3.83%	0.285%
47	18.536	2817	2822	2832	rBV	631043	1039592	50.70%	3.773%
48	18.630	2834	2838	2846	rVV	564834	699719	34.13%	2.539%
49	18.701	2846	2850	2854	rVB2	25286	34674	1.69%	0.126%
50	18.824	2865	2871	2876	rBV5	40982	69374	3.38%	0.252%
51	18.953	2889	2893	2902	rBV4	49355	99797	4.87%	0.362%
52	19.095	2914	2917	2920	rVB3	34616	31025	1.51%	0.113%
53	19.336	2952	2958	2967	rBV2	959637	1585422	77.32%	5.754%
54	19.600	2999	3003	3007	rVB4	28384	37435	1.83%	0.136%
55	19.700	3015	3020	3021	rBV2	36717	47655	2.32%	0.173%
56	19.724	3021	3024	3029	rVV3	75450	133554	6.51%	0.485%
57	19.771	3029	3032	3036	rVB	77800	81417	3.97%	0.295%
58	19.853	3042	3046	3049	rBV2	44482	45708	2.23%	0.166%
59	20.053	3076	3080	3083	rBV	306880	411333	20.06%	1.493%
60	20.083	3083	3085	3090	rVV	302700	439620	21.44%	1.595%
61	20.124	3090	3092	3100	rVB	66377	97112	4.74%	0.352%
62	20.295	3117	3121	3135	rVB	469703	608521	29.68%	2.208%
63	20.395	3135	3138	3143	rVV4	28485	44902	2.19%	0.163%
64	20.442	3143	3146	3150	rVV5	27684	42260	2.06%	0.153%
65	20.483	3150	3153	3156	rVB5	19898	27679	1.35%	0.100%
66	20.571	3162	3168	3171	rVB4	56049	75706	3.69%	0.275%
67	20.659	3179	3183	3188	rBV	36486	64906	3.17%	0.236%
68	20.777	3197	3203	3207	rBV	161456	234589	11.44%	0.851%
69	20.830	3207	3212	3216	rVV3	78741	164400	8.02%	0.597%
70	20.877	3217	3220	3224	rVB	95932	128205	6.25%	0.465%
71	20.983	3234	3238	3244	rVB3	36690	57264	2.79%	0.208%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

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

72	21.442	3312	3316	3325	rVB6	37735	71874	3.51%	0.261%
73	21.636	3346	3349	3354	rVB7	19084	29253	1.43%	0.106%
74	21.700	3354	3360	3365	rVV6	22122	42959	2.10%	0.156%
75	21.759	3365	3370	3374	rVV3	32064	64835	3.16%	0.235%
76	21.842	3376	3384	3394	rVB5	80719	280561	13.68%	1.018%
77	22.100	3418	3428	3435	rBV5	142851	349162	17.03%	1.267%
78	22.171	3436	3440	3444	rVV7	19092	39076	1.91%	0.142%
79	22.318	3459	3465	3474	rBV7	87250	231992	11.31%	0.842%
80	22.506	3492	3497	3505	rVB7	29148	69137	3.37%	0.251%
81	23.594	3675	3682	3689	rBV7	43608	104510	5.10%	0.379%
82	23.747	3701	3708	3714	rBV7	25187	60739	2.96%	0.220%

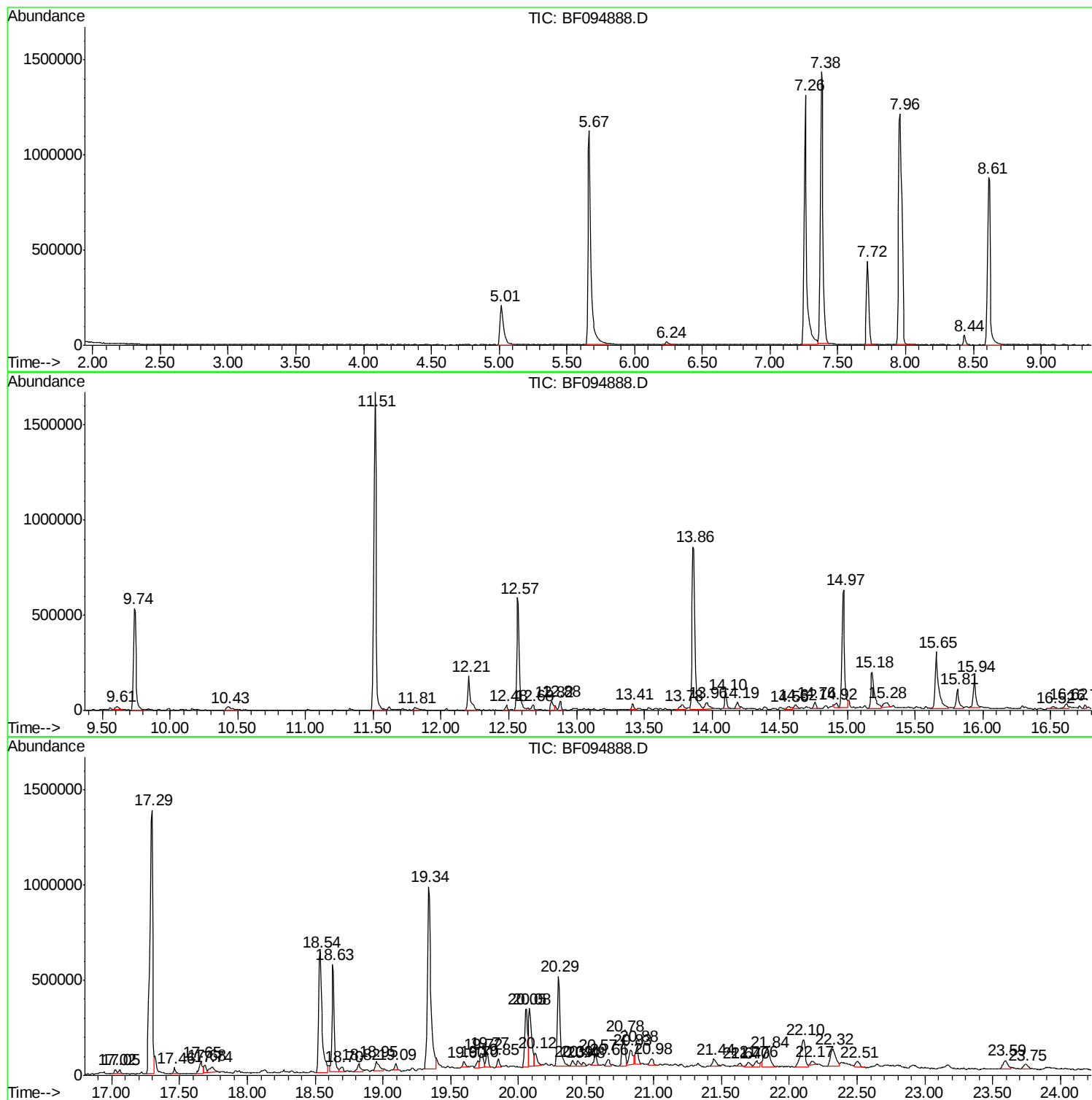
Sum of corrected areas: 27553750

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-09-COMP(0-2)

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\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

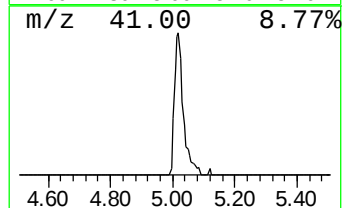
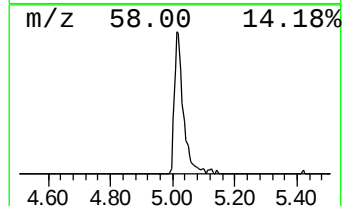
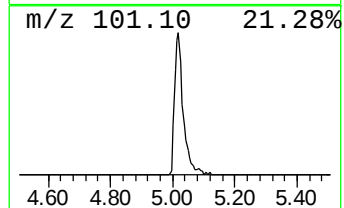
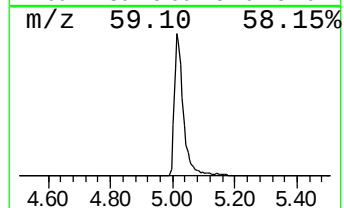
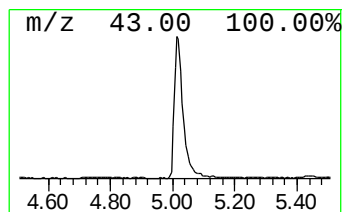
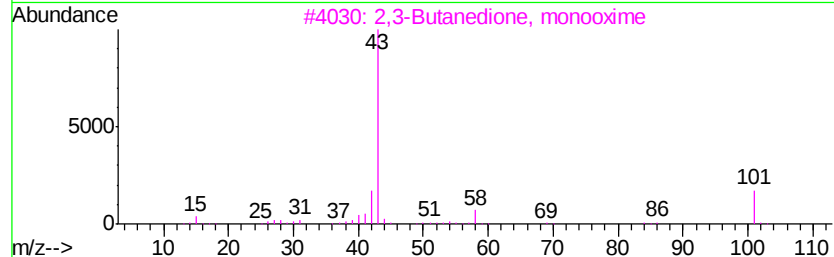
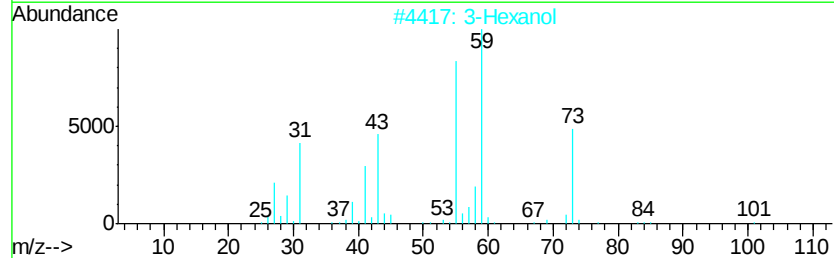
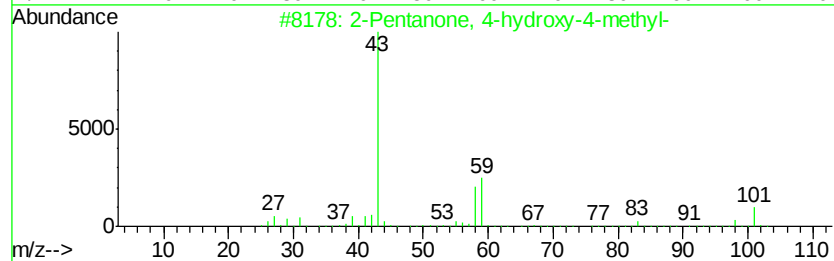
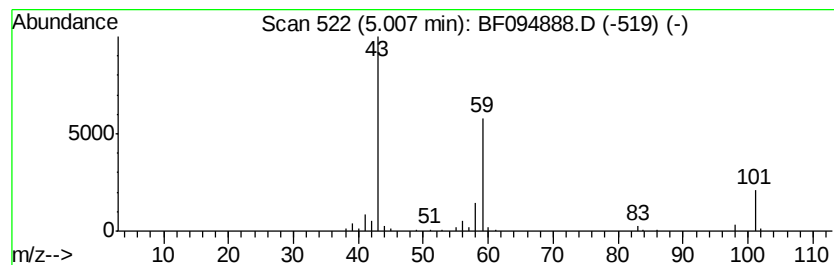
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	16.66 ng	414040	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		3-Hexanol	102	C6H14O	000623-37-0	28
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

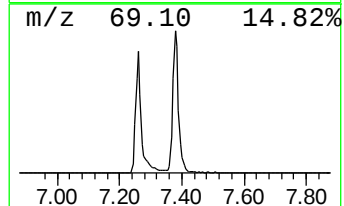
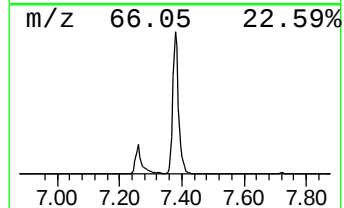
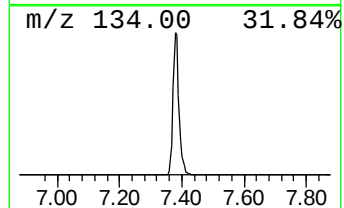
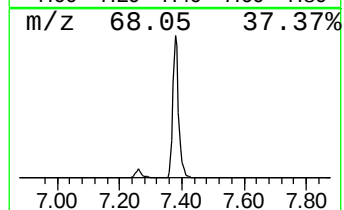
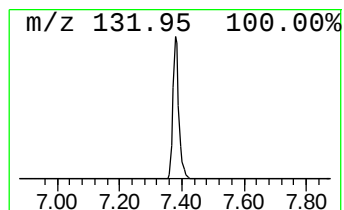
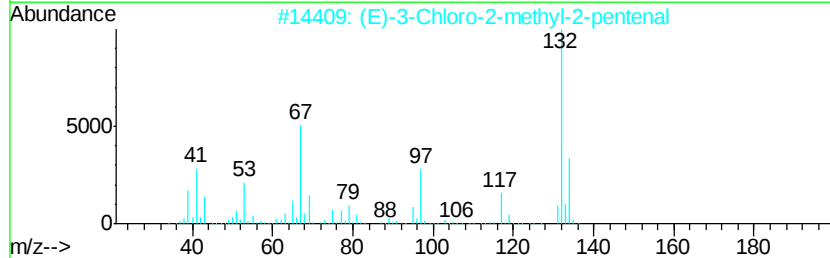
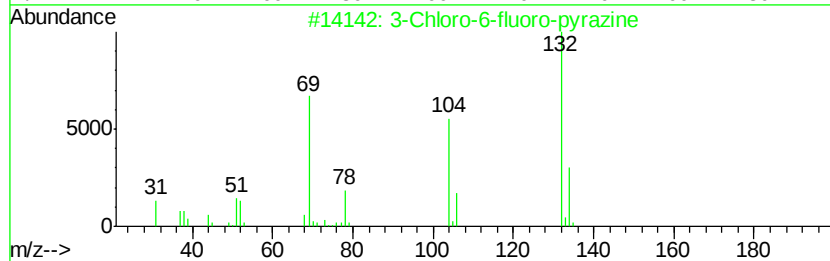
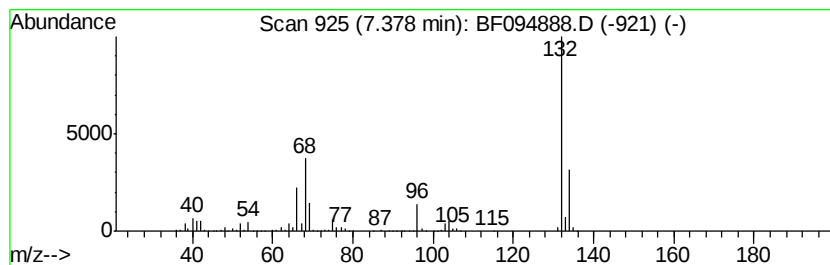
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	77.64 ng	1930140	1,4-Dichlorobenzene-d4	7.72

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	25
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

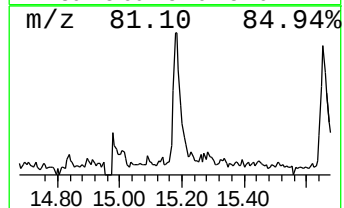
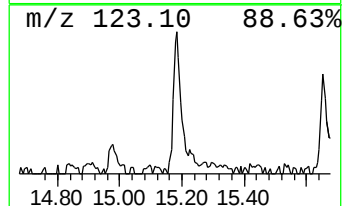
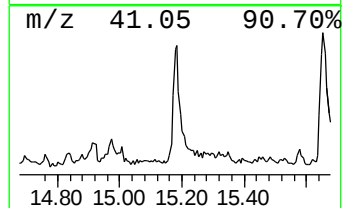
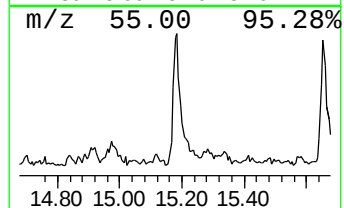
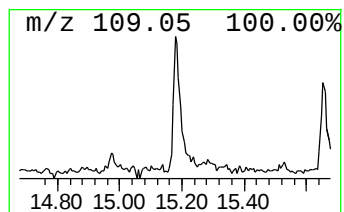
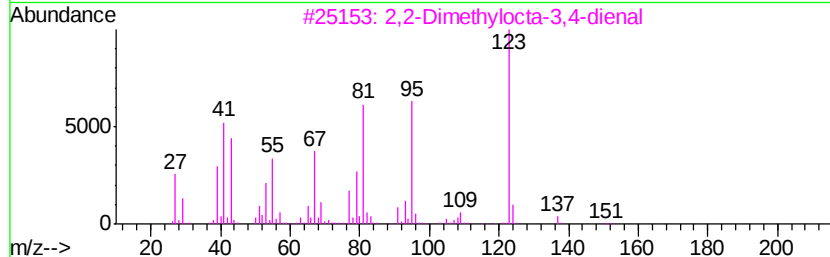
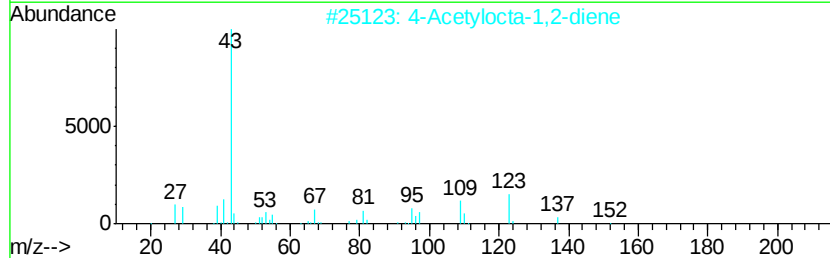
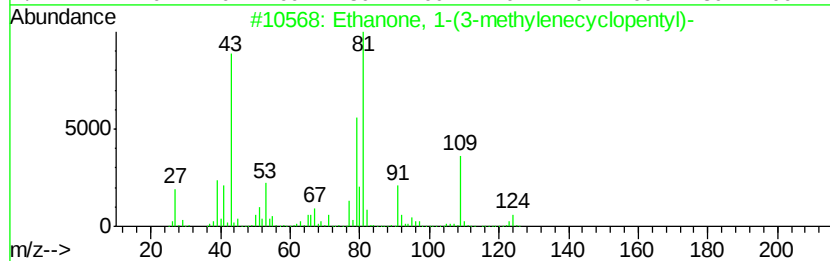
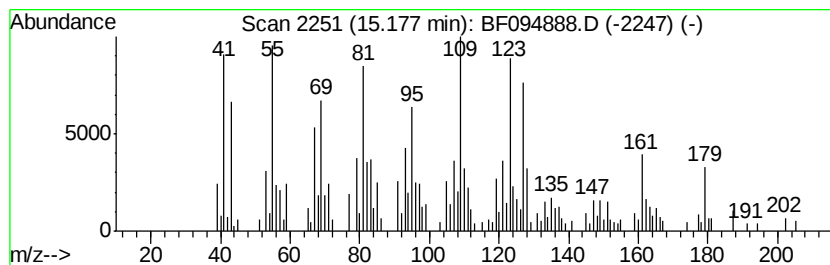
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown15.18 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	8.38 ng	354916	Phenanthrene-d10	14.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanone, 1-(3-methylenecyclopent...	124	C8H12O	054829-98-0	35
2		4-Acetylocta-1,2-diene	152	C10H16O	1000250-44-5	27
3		2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	27
4		13-Tetradec-11-yn-1-ol	208	C14H24O	1000131-00-4	25
5		2-Furanacetaldehyde, .alpha.-iso...	152	C9H12O2	031681-30-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

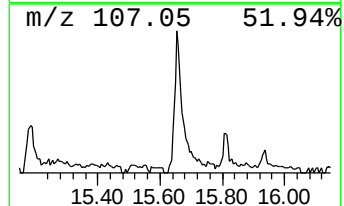
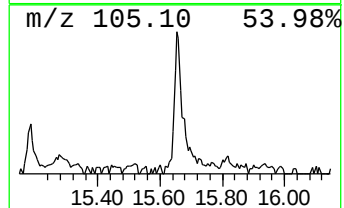
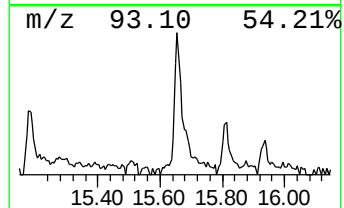
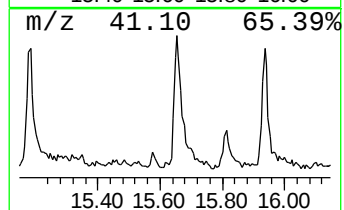
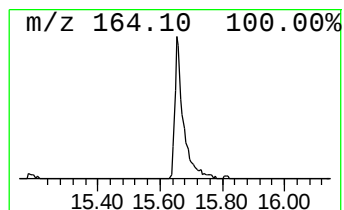
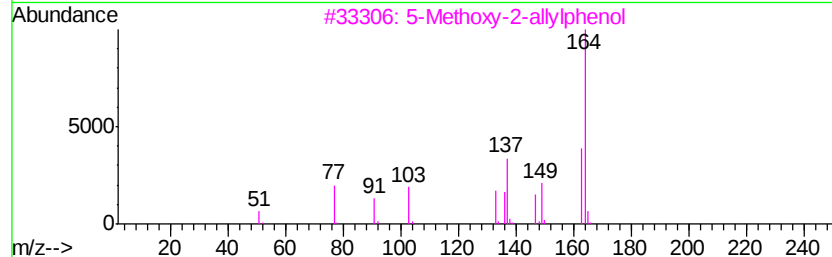
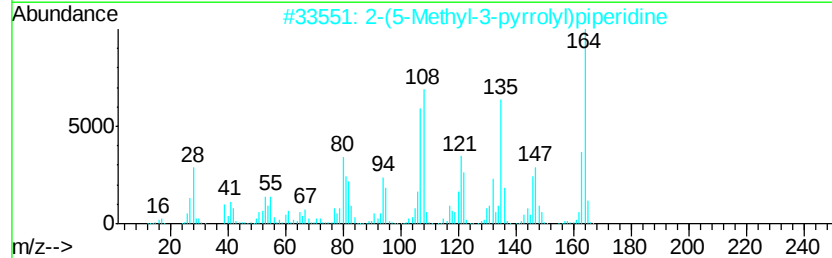
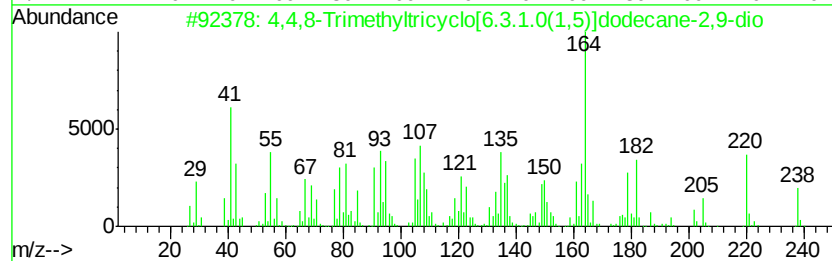
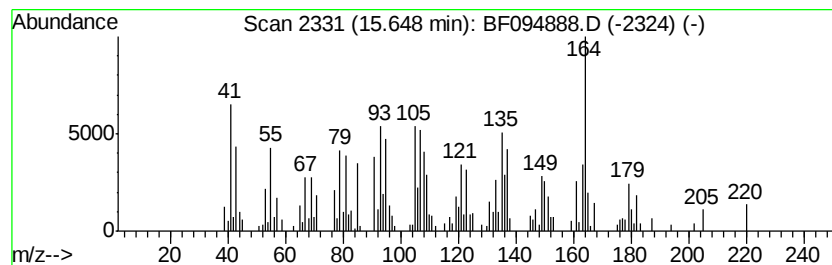
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

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 4,4,8-Trimethyltricyclo[6.3.1.0... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.65	12.78 ng	541689	Phenanthrene-d10	14.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,8-Trimethyltricyclo[6.3.1.0(...	238	C15H26O2	1000191-00-6	95	
2	2-(5-Methyl-3-pyrrolyl)piperidine	164	C10H16N2	1000245-18-2	46	
3	5-Methoxy-2-allylphenol	164	C10H12O2	1000306-52-6	35	
4	.gamma.-Gurjunenepoxide-(2)	220	C15H24O	184705-51-9	35	
5	9(10H)-Phenanthrenone, 10-diazo-	220	C14H8N2O	007509-44-6	30	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

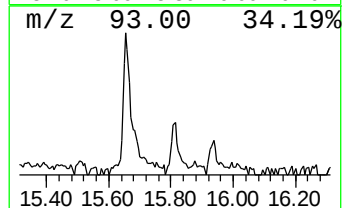
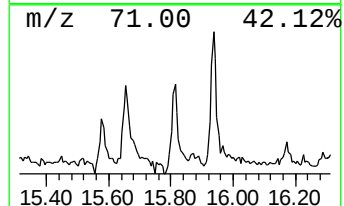
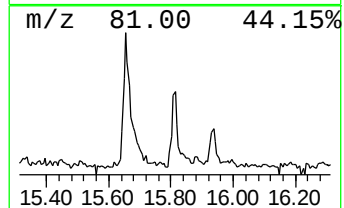
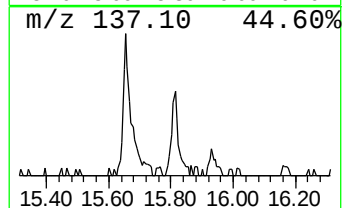
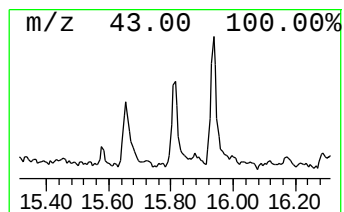
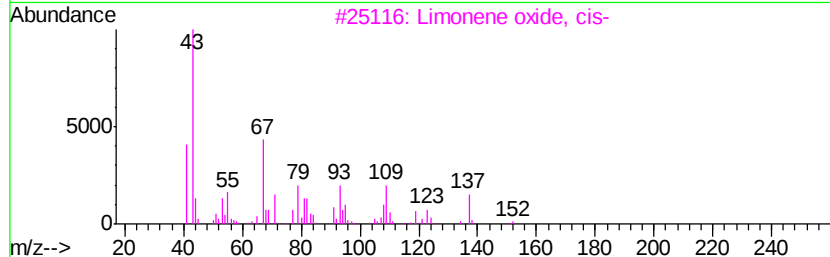
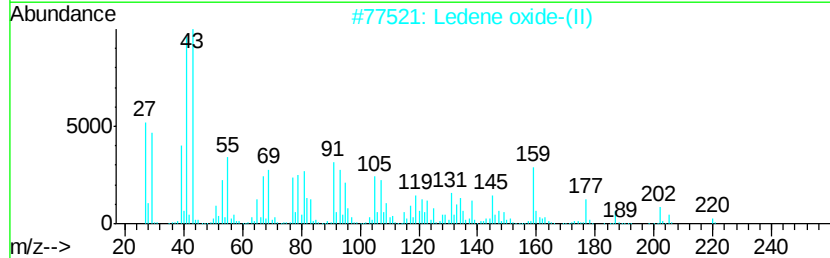
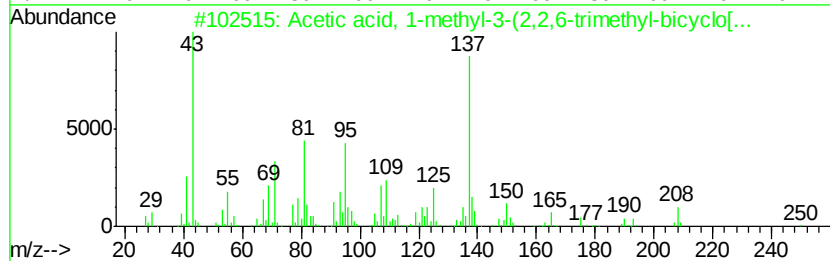
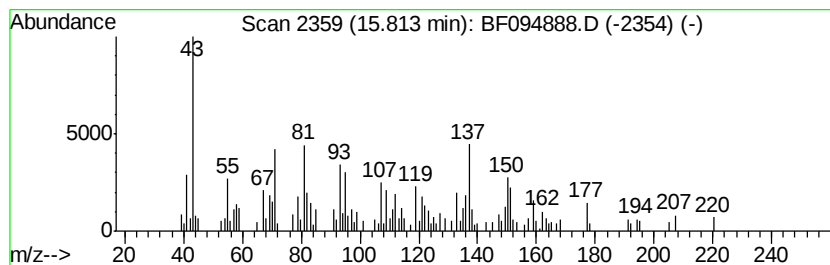
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown15.81 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.58 ng	151799	Phenanthrene-d10	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 1-methyl-3-(2,2,6-t...	250	C16H26O2	1000192-25-5	25
2			Ledene oxide-(II)	220	C15H24O	1000159-36-7	22
3			Limonene oxide, cis-	152	C10H16O	013837-75-7	12
4			7-Oxabicyclo[4.1.0]heptane, 1-me...	168	C10H16O2	000096-08-2	11
5			Caryophyllene oxide	220	C15H24O	001139-30-6	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

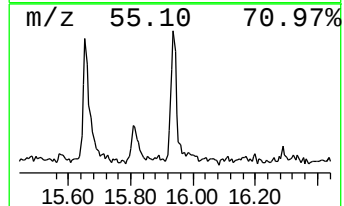
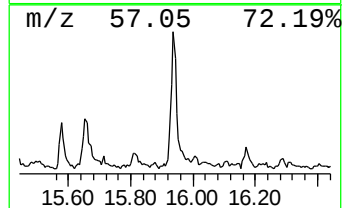
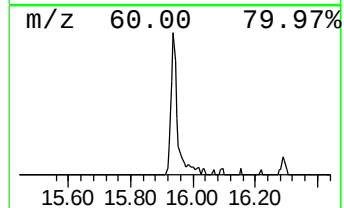
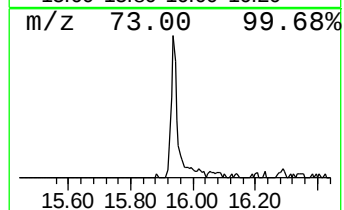
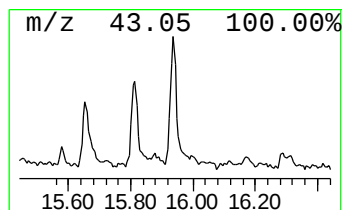
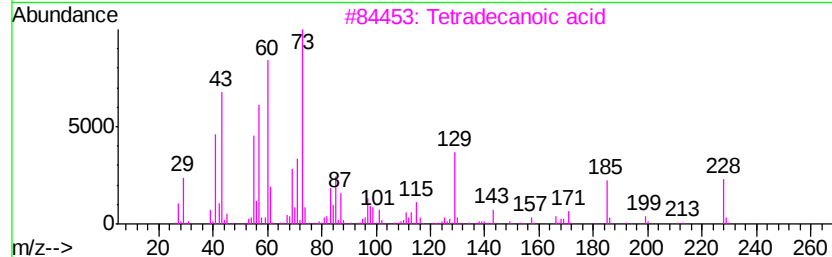
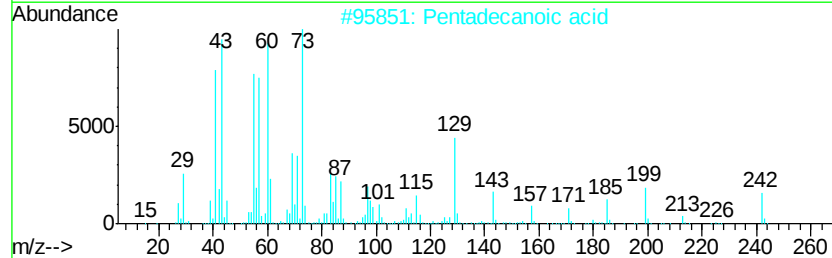
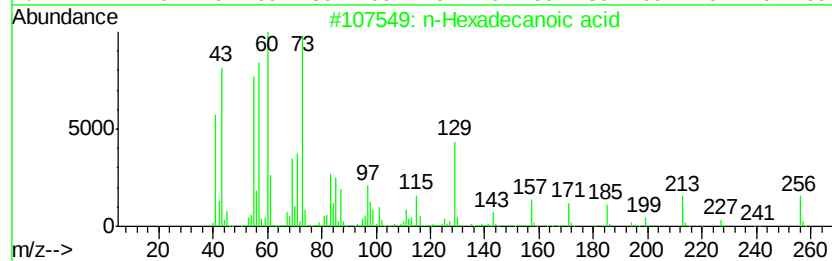
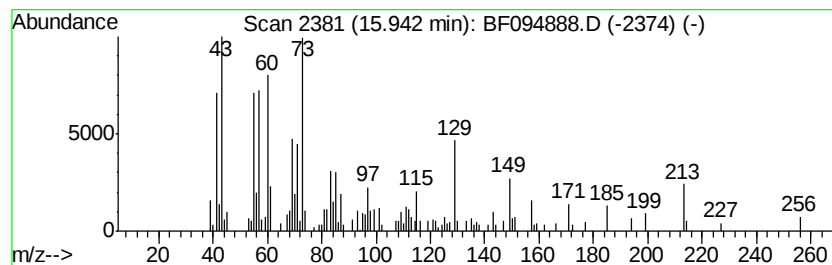
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.94	5.24 ng	222052	Phenanthrene-d10		14.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

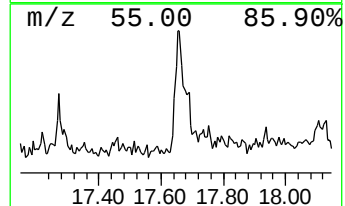
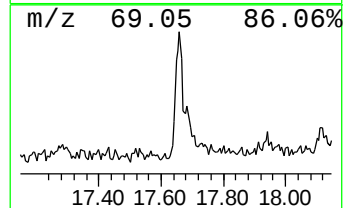
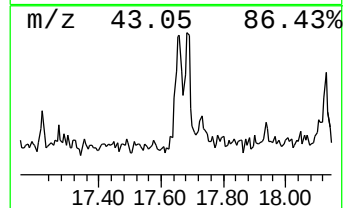
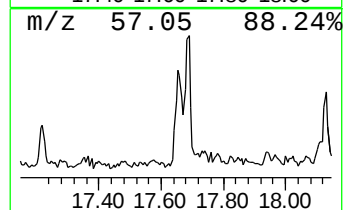
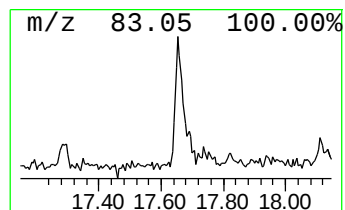
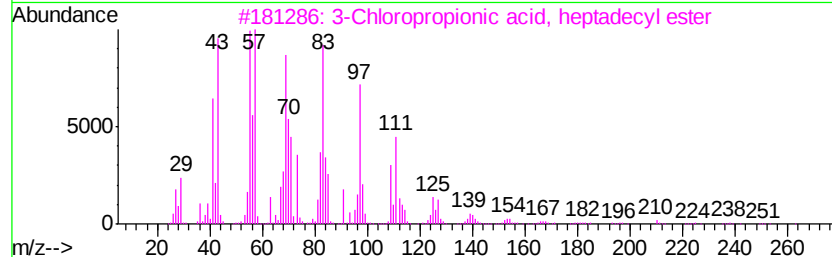
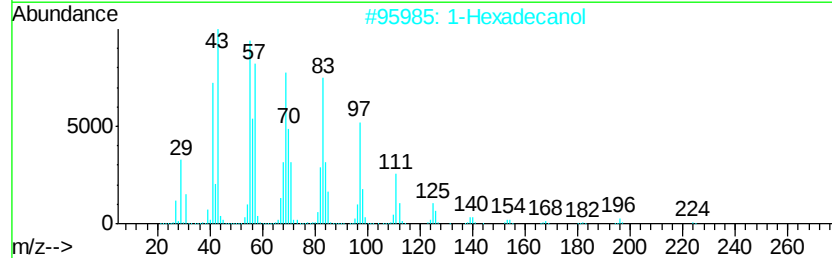
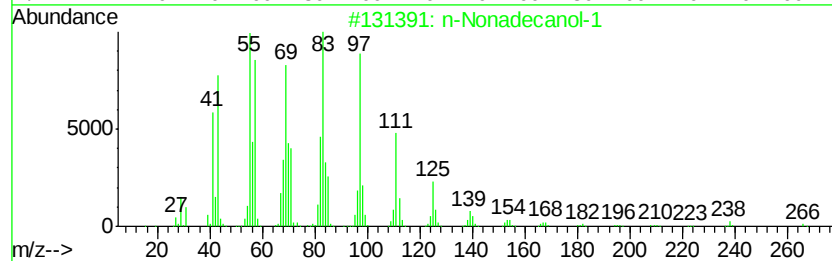
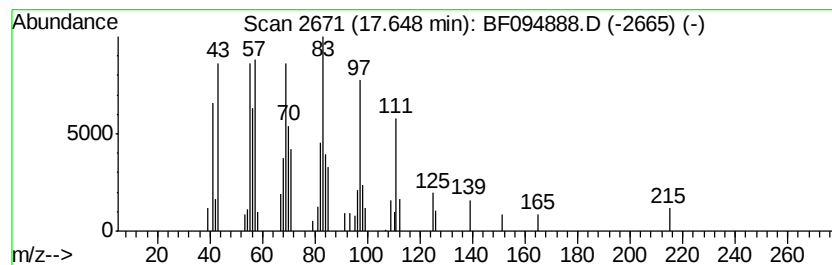
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

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 n-Nonadecanol-1 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.65	3.37 ng	117790	Chrysene-d12	18.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1		284	C19H40O	001454-84-8	91
2	1-Hexadecanol		242	C16H34O	036653-82-4	90
3	3-Chloropropionic acid, heptadec...		346	C20H39ClO2	1000283-05-1	90
4	1-Nonadecene		266	C19H38	018435-45-5	90
5	n-Pentadecanol		228	C15H32O	000629-76-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

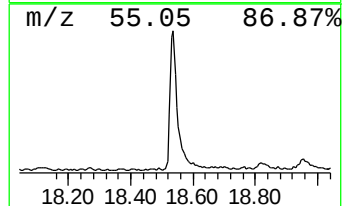
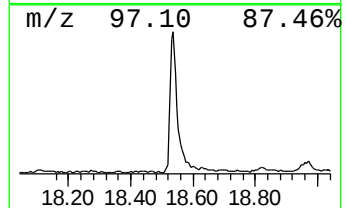
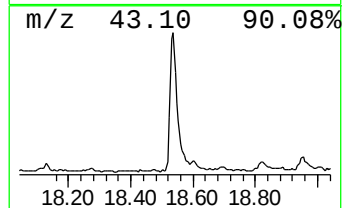
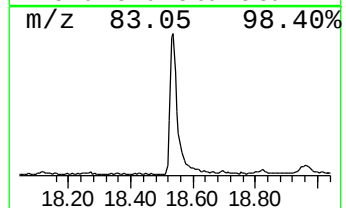
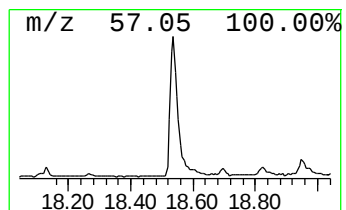
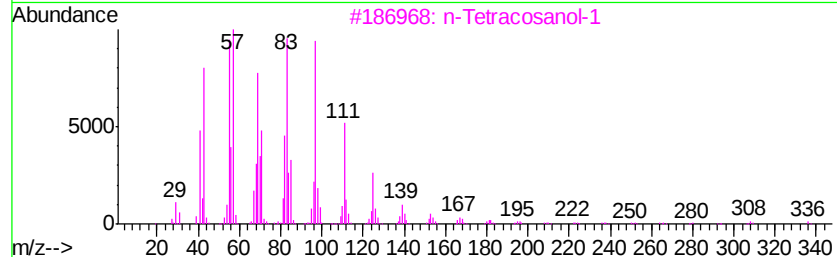
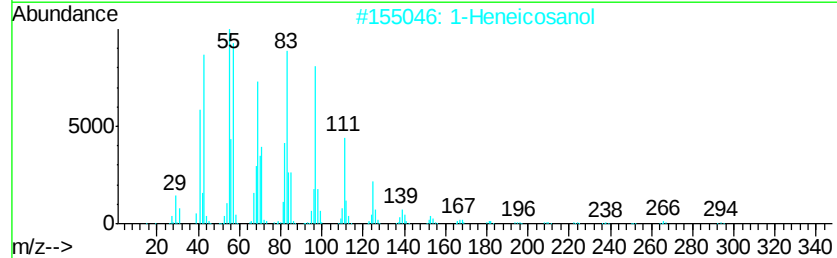
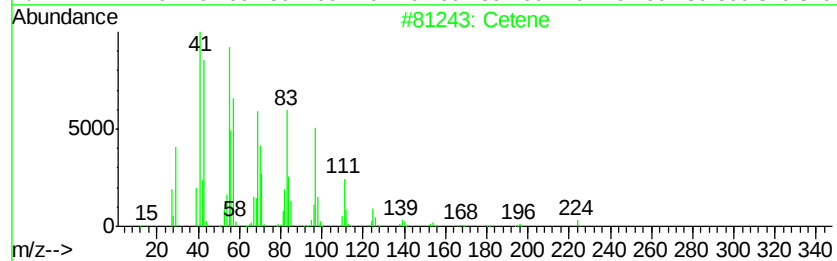
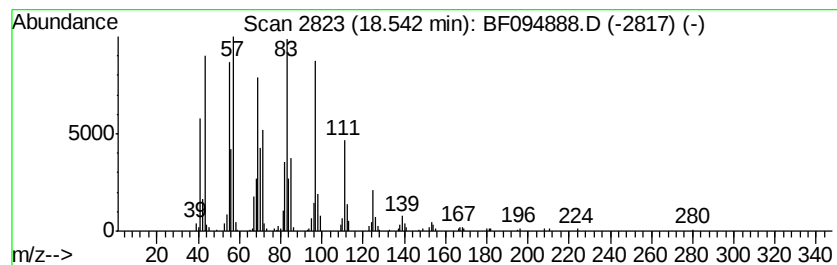
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

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 Cetene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	29.71 ng	1039590	Chrysene-d12	18.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cetene	224 C16H32	000629-73-2	96
2	1-Heneicosanol	312 C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354 C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284 C19H40O	001454-84-8	95
5	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

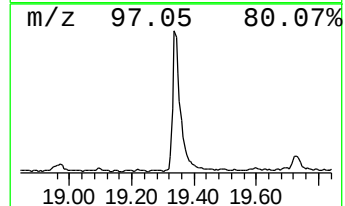
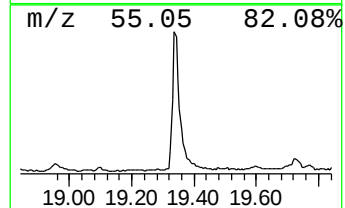
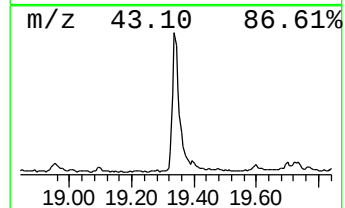
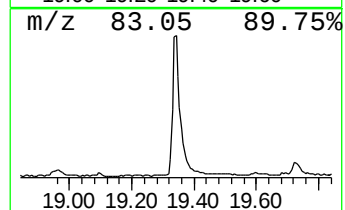
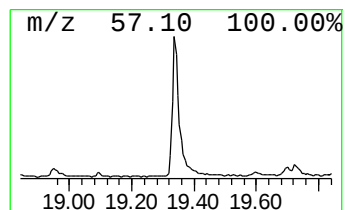
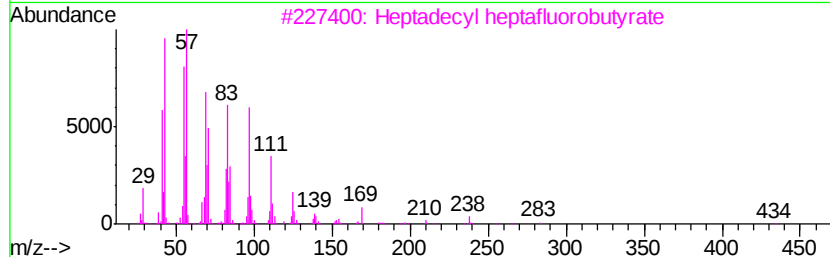
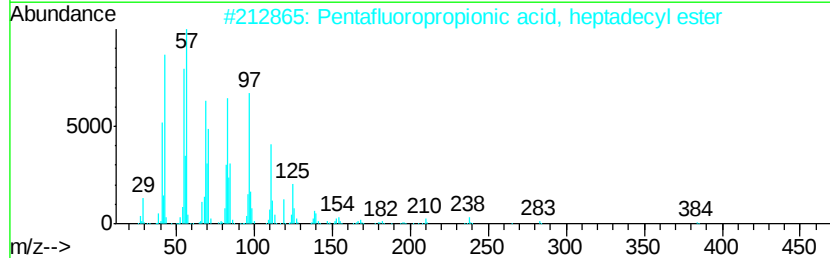
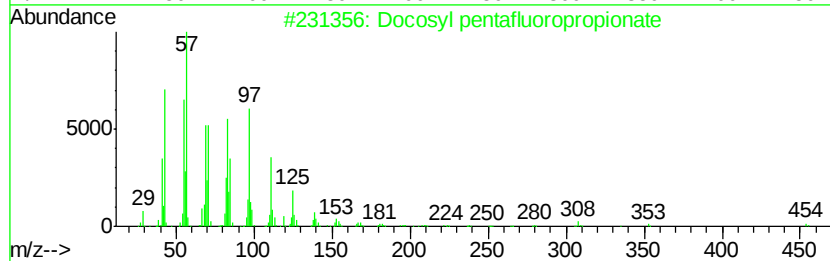
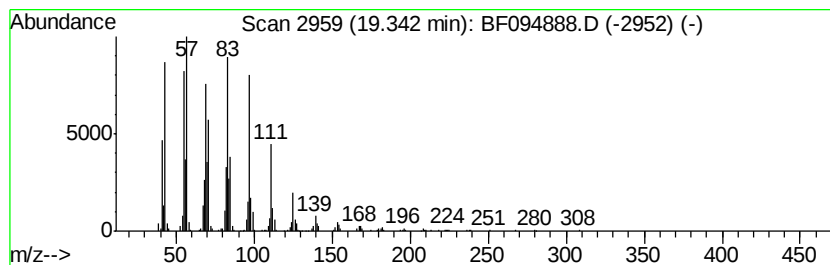
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Docosyl pentafluoropropionate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	45.32 ng	1585420	Chrysene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	94
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

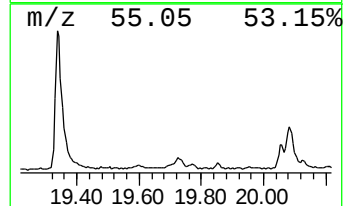
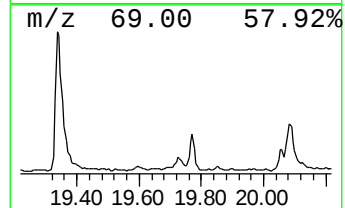
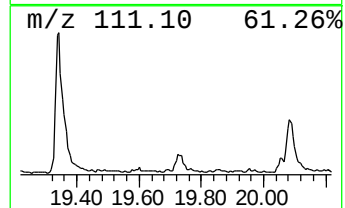
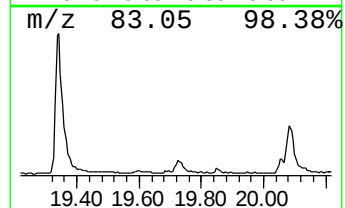
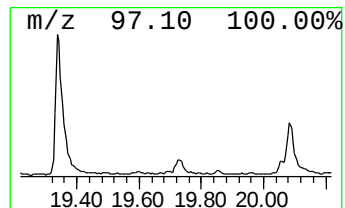
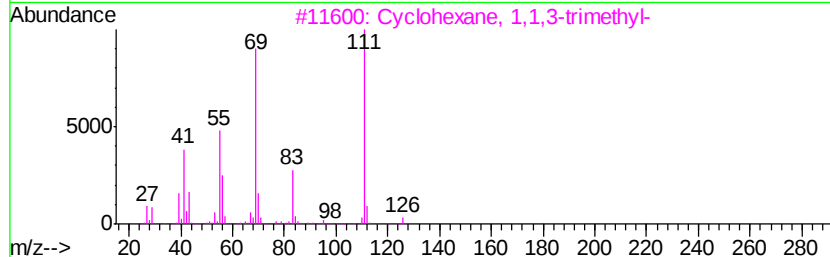
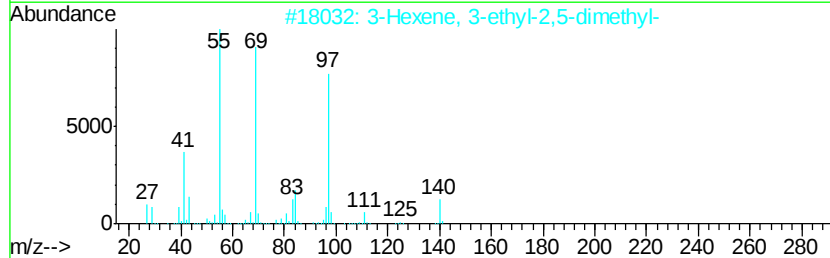
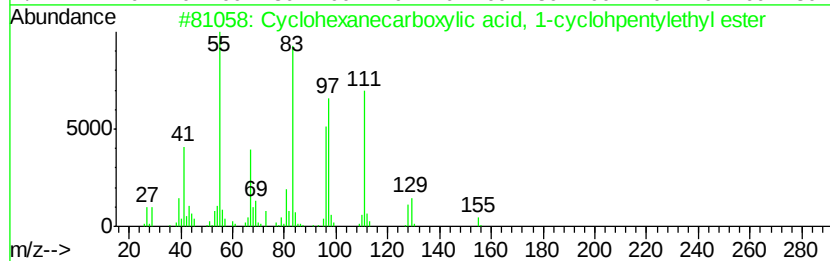
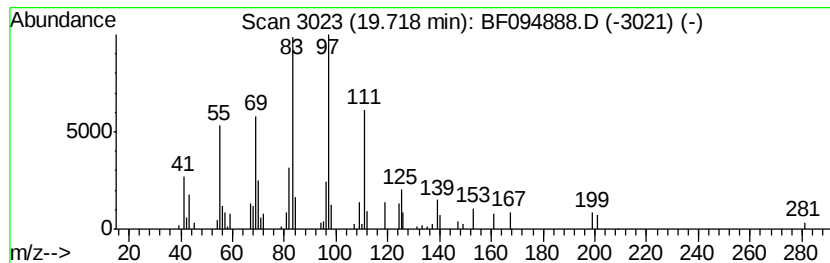
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexanecarboxylic acid,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	4.39 ng	133554	Perylene-d12	20.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 1-cy...	224	C14H24O2	1000279-52-6	50
2		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	43
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	27
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	25
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

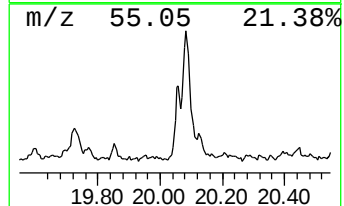
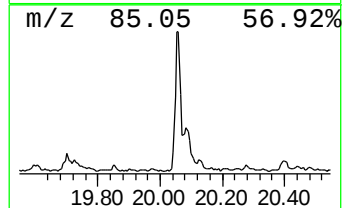
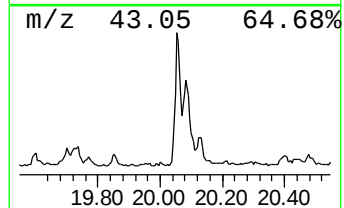
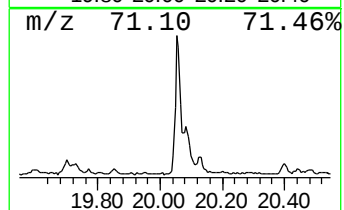
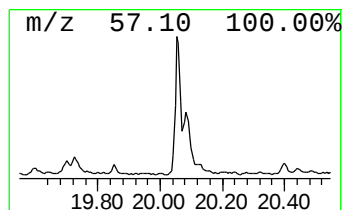
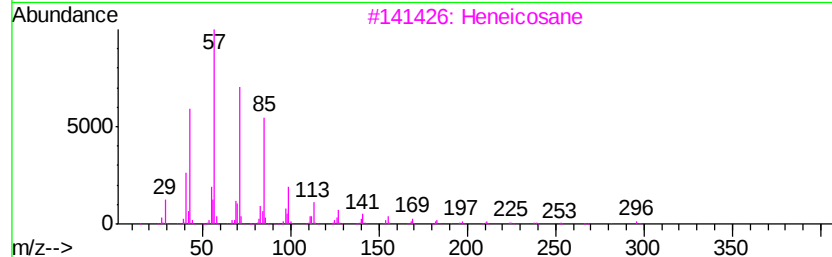
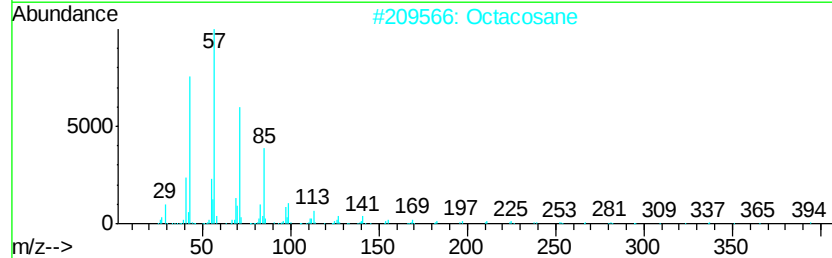
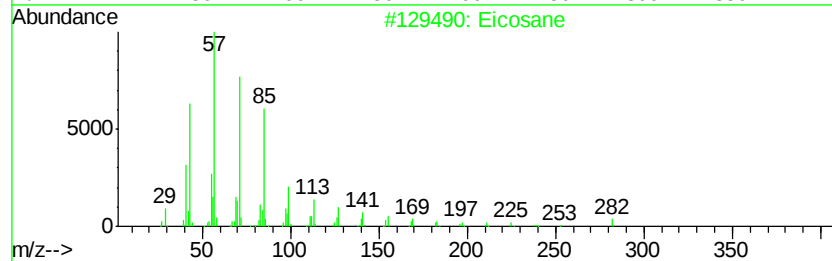
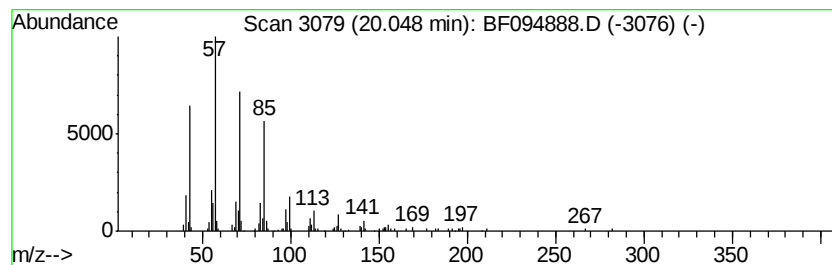
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	13.52 ng	411333	Perylene-d12	20.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

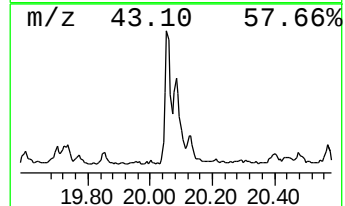
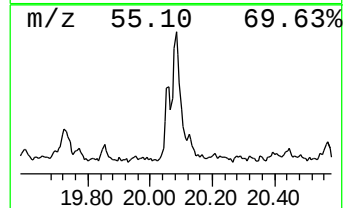
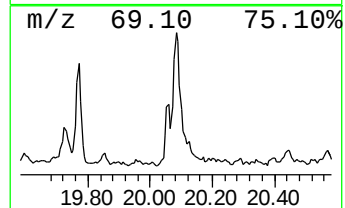
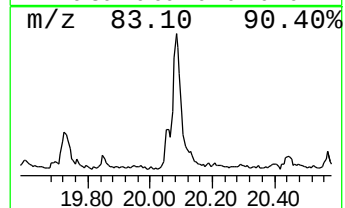
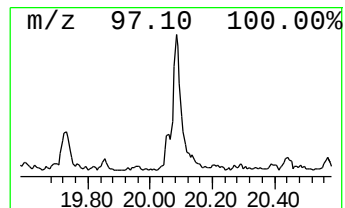
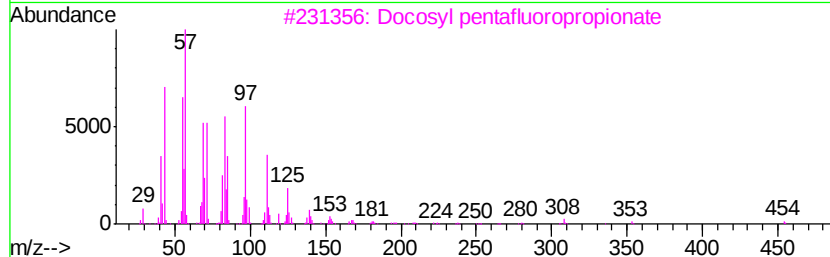
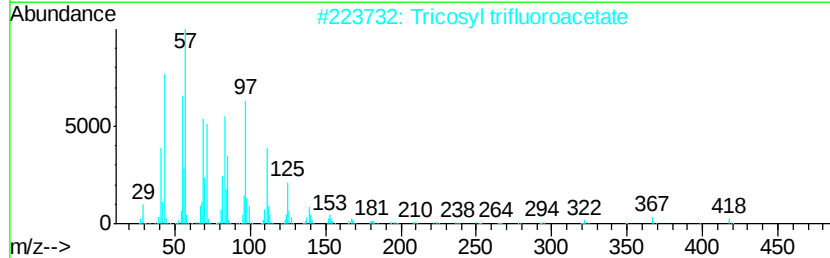
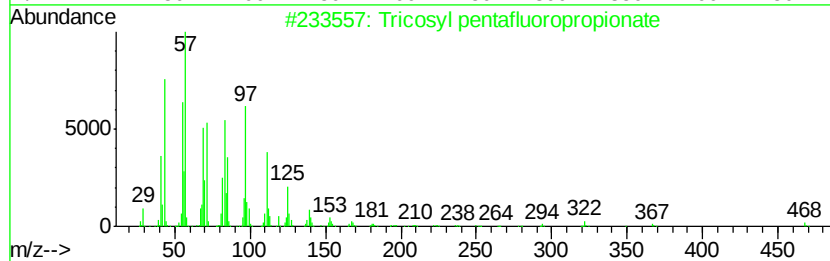
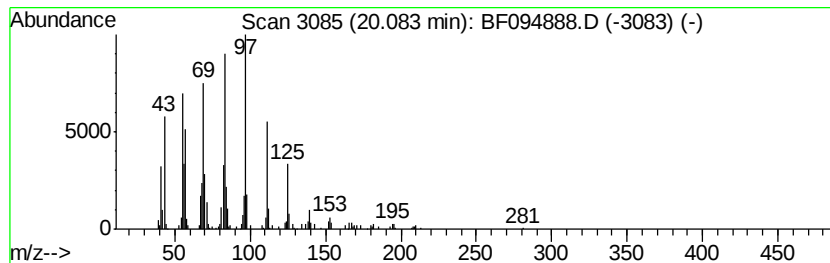
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tricosyl pentafluoropropionate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	14.45 ng	439620	Perylene-d12	20.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	68
2		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	68
3		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	68
4		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	68
5		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

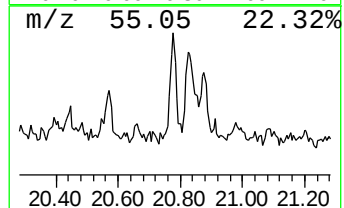
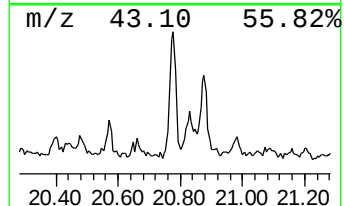
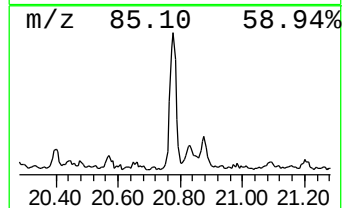
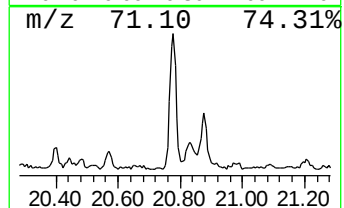
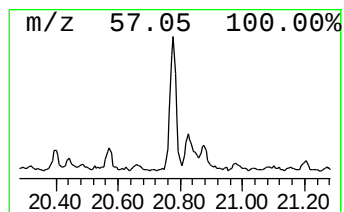
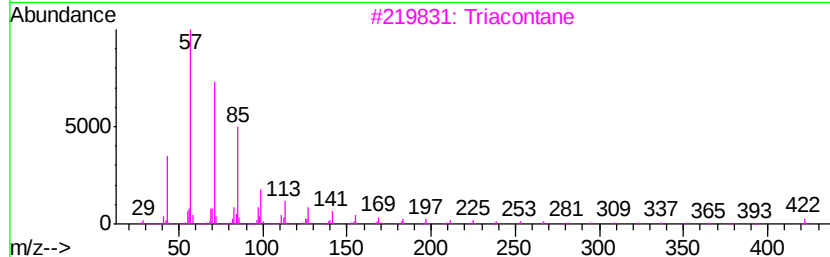
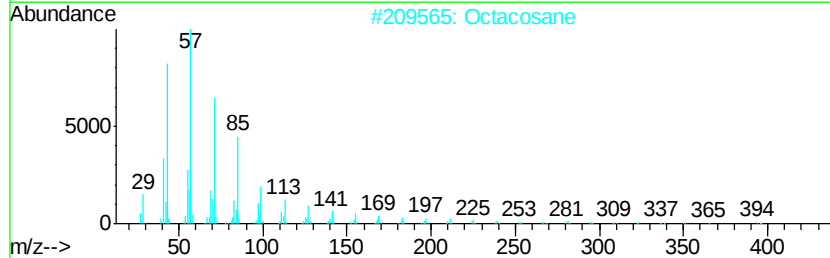
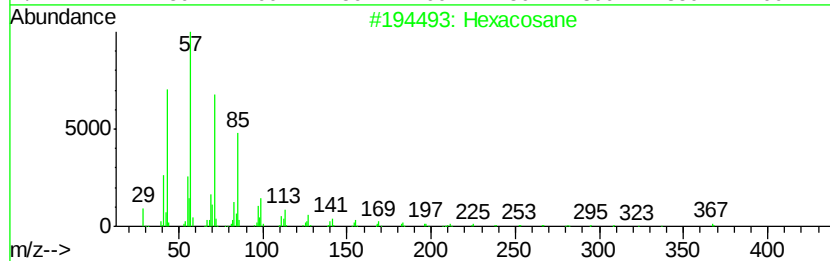
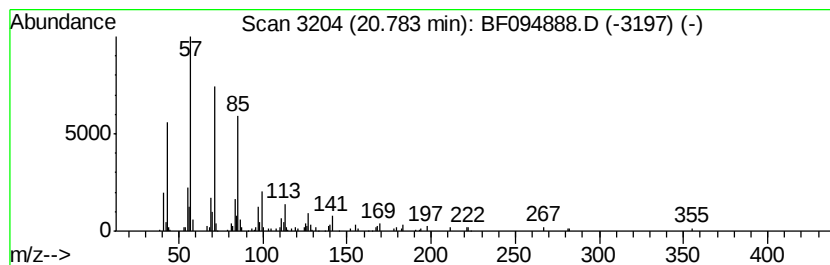
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	7.71 ng	234589	Perylene-d12	20.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

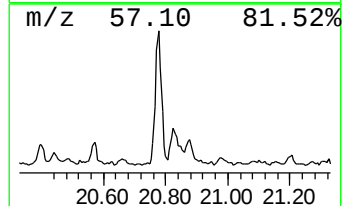
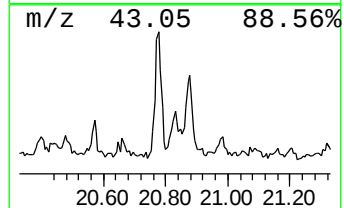
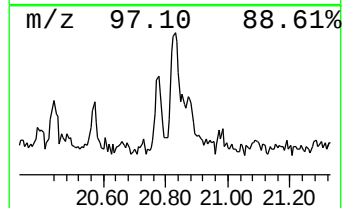
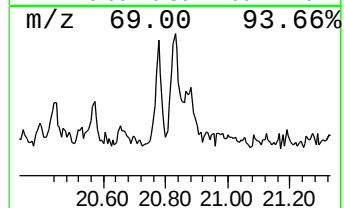
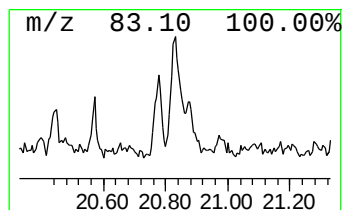
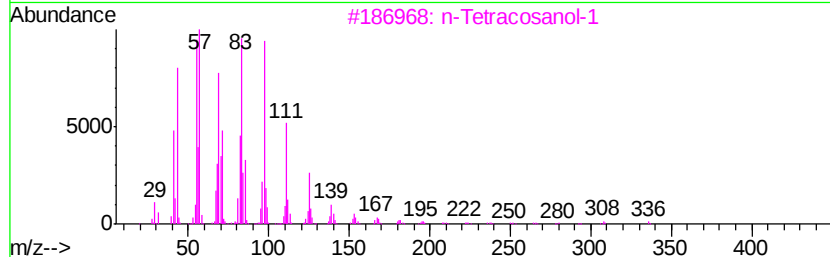
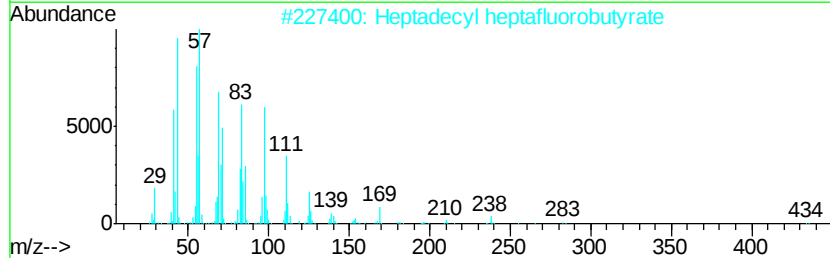
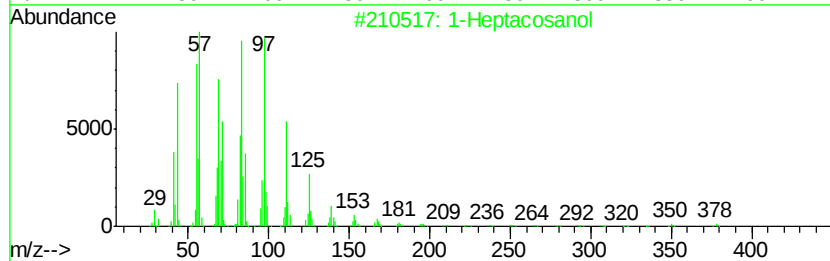
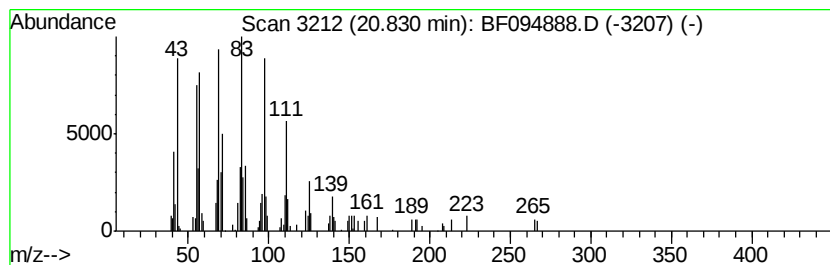
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

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 1-Heptacosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.83	5.40 ng	164400	Perylene-d12	20.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4	Octacosanol	410	C28H58O	000557-61-9	76
5	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

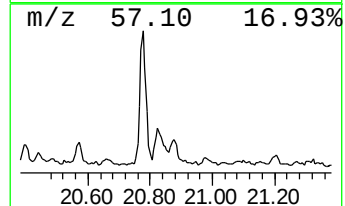
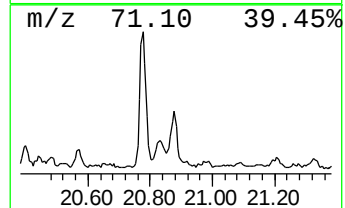
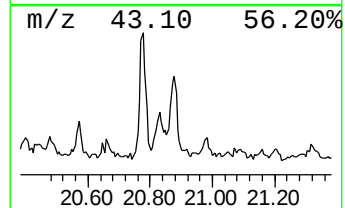
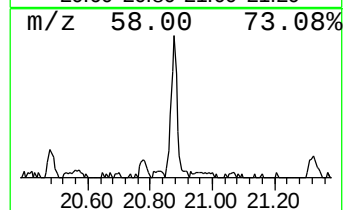
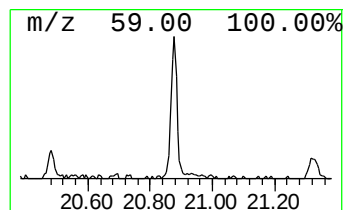
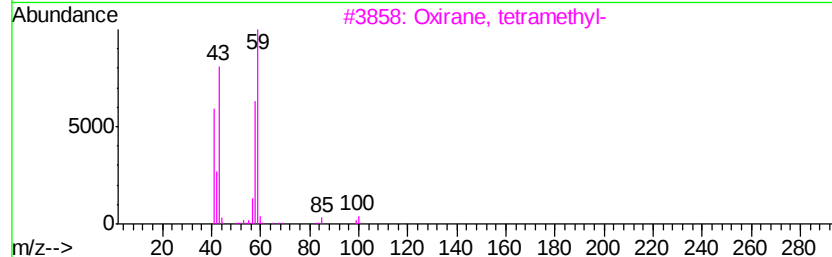
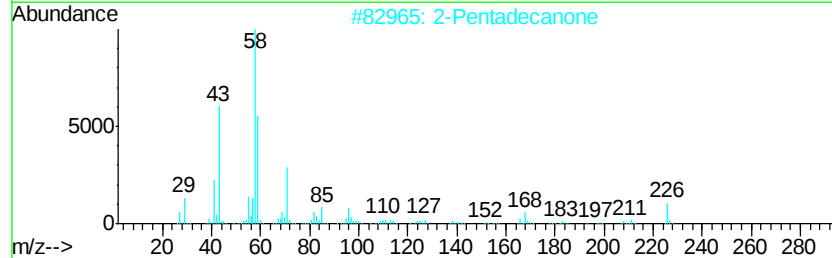
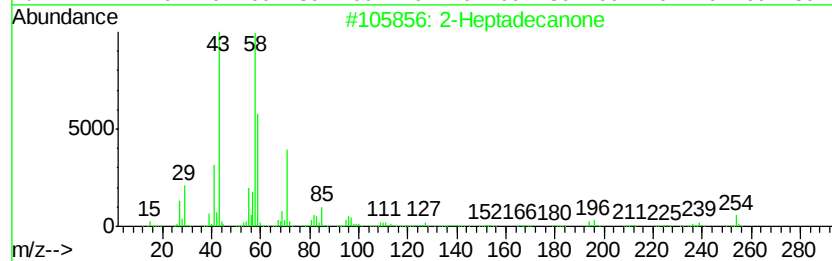
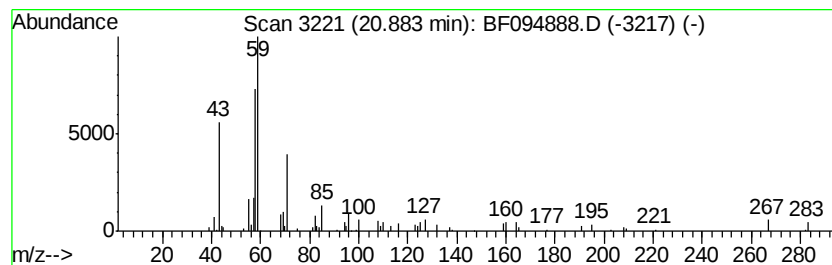
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Heptadecanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	4.21 ng	128205	Perylene-d12	20.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptadecanone	254	C17H34O	002922-51-2	50
2			2-Pentadecanone	226	C15H30O	002345-28-0	47
3			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	42
4			Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	42
5			2-Tetradecanone	212	C14H28O	002345-27-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

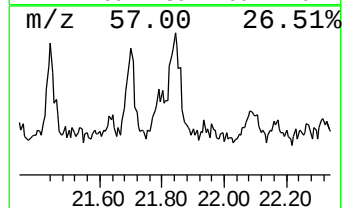
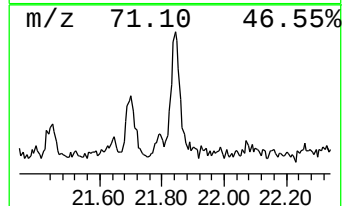
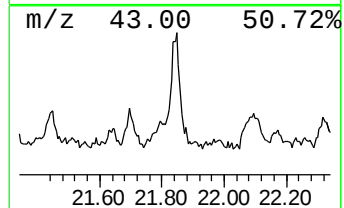
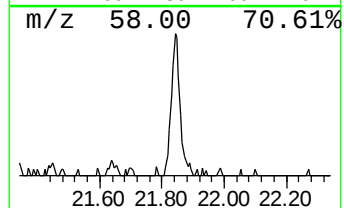
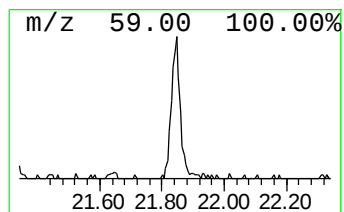
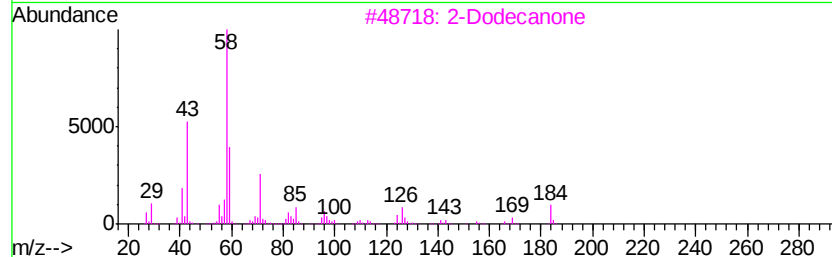
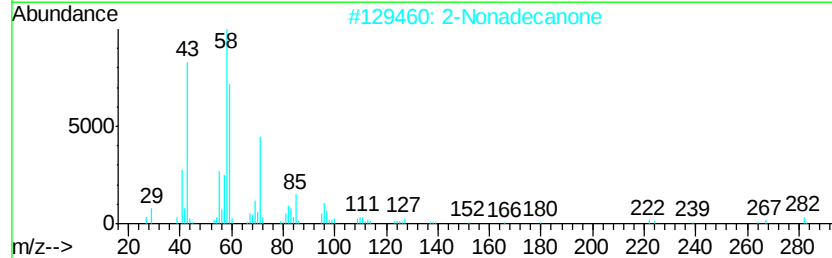
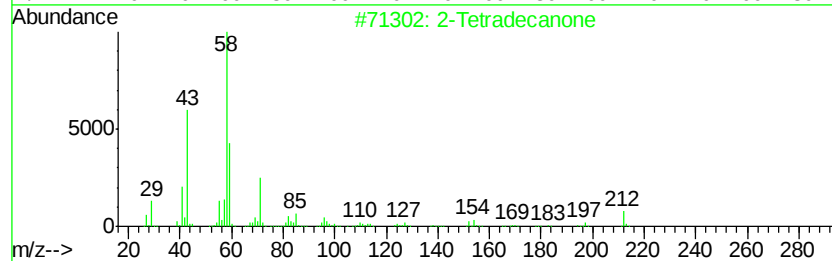
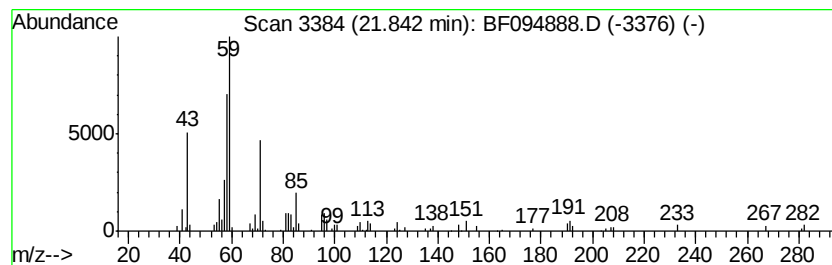
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Tetradecanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	9.22 ng	280561	Perylene-d12	20.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Tetradecanone	212	C14H28O	002345-27-9	53
2			2-Nonadecanone	282	C19H38O	000629-66-3	47
3			2-Dodecanone	184	C12H24O	006175-49-1	42
4			Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	42
5			2-Pentadecanone	226	C15H30O	002345-28-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094888.D
Acq On : 4 May 2017 22:47
Operator : SJ/MA
Sample : I2916-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

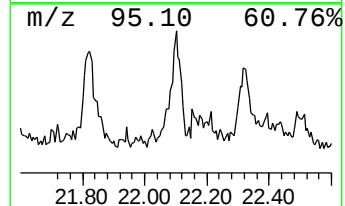
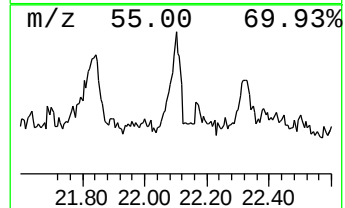
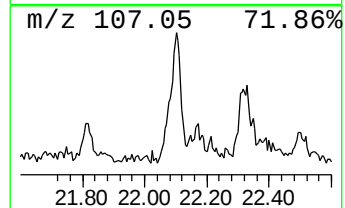
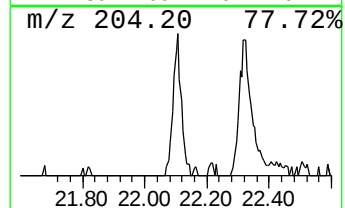
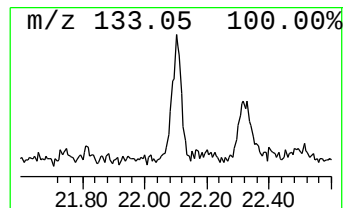
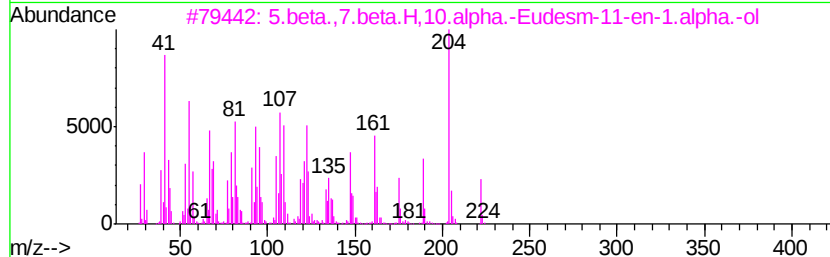
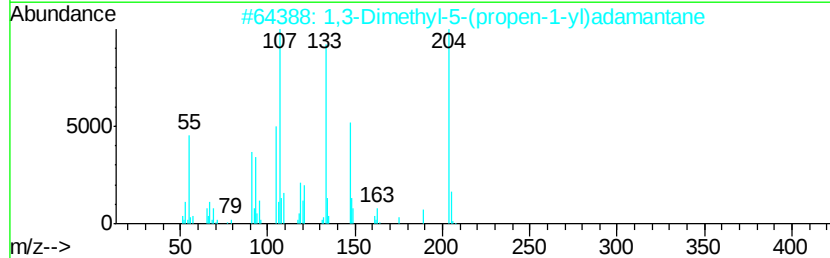
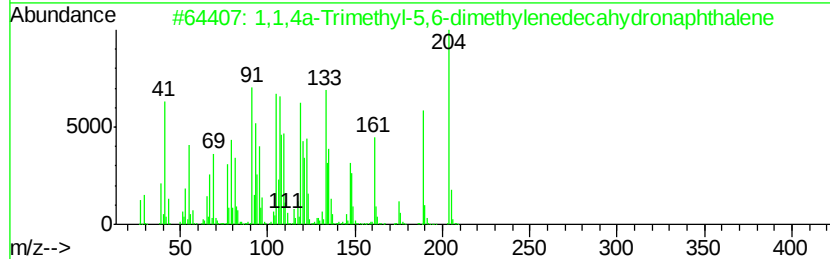
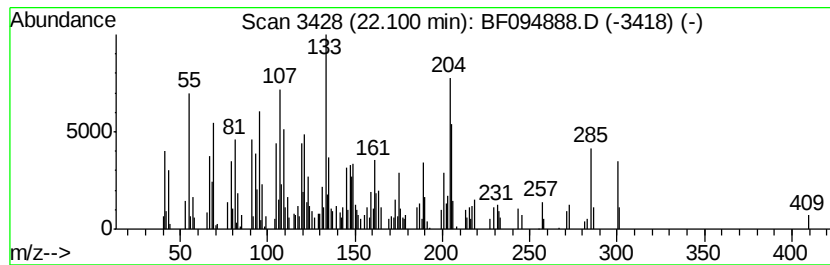
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown22.10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	11.48 ng	349162	Perylene-d12	20.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	45
2		1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	38
3		5.beta.,7.beta.H,10.alpha.-Eudes...	222	C15H26O	025826-85-1	38
4		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	30
5		1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094888.D
 Acq On : 4 May 2017 22:47
 Operator : SJ/MA
 Sample : I2916-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

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...	5.01	16.7 ng		414040	1	7.72	497179	20.0
unknown7.38	7.38	77.6 ng		1930140	1	7.72	497179	20.0
unknown15.18	15.18	8.4 ng		354916	4	14.97	847476	20.0
4,4,8-Trimethyltr...	15.65	12.8 ng		541689	4	14.97	847476	20.0
unknown15.81	15.81	3.6 ng		151799	4	14.97	847476	20.0
n-Hexadecanoic acid	15.94	5.2 ng		222052	4	14.97	847476	20.0
n-Nonadecanol-1	17.65	3.4 ng		117790	5	18.63	699719	20.0
Cetene	18.54	29.7 ng		1039590	5	18.63	699719	20.0
Docosyl pentaflu...	19.34	45.3 ng		1585420	5	18.63	699719	20.0
Cyclohexanecarbox...	19.72	4.4 ng		133554	6	20.29	608521	20.0
Eicosane	20.05	13.5 ng		411333	6	20.29	608521	20.0
Tricosyl pentaflu...	20.08	14.4 ng		439620	6	20.29	608521	20.0
Hexacosane	20.78	7.7 ng		234589	6	20.29	608521	20.0
1-Heptacosanol	20.83	5.4 ng		164400	6	20.29	608521	20.0
2-Heptadecanone	20.88	4.2 ng		128205	6	20.29	608521	20.0
2-Tetradecanone	21.84	9.2 ng		280561	6	20.29	608521	20.0
unknown22.10	22.10	11.5 ng		349162	6	20.29	608521	20.0
unknown23.59	23.59	3.4 ng		104510	6	20.29	608521	20.0