

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087067.D
 Acq On : 15 May 2016 14:01
 Operator : UM/SJ
 Sample : H2968-06 2X
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP42-4.5FT

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-BF050916.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	1.735	12	13	65	rVB	3680502	8261309	100.00%	32.443%
2	4.741	273	276	289	rBV	42247	86087	1.04%	0.338%
3	5.199	314	316	333	rBV	1249714	1542225	18.67%	6.057%
4	6.284	408	411	418	rBV	1107345	1454116	17.60%	5.711%
5	6.387	418	420	430	rVB	1342356	1560805	18.89%	6.129%
6	6.616	438	440	446	rVB	295871	446434	5.40%	1.753%
7	6.764	451	453	461	rVB	1280217	1142135	13.83%	4.485%
8	7.187	488	490	492	rBV	721764	860702	10.42%	3.380%
9	7.896	550	552	564	rVB	577648	585261	7.08%	2.298%
10	8.970	644	646	649	rBV	957740	1280575	15.50%	5.029%
11	9.382	680	682	685	rBV	175691	169477	2.05%	0.666%
12	9.645	703	705	707	rBV	590740	518511	6.28%	2.036%
13	10.433	771	774	782	rBV	732571	769690	9.32%	3.023%
14	10.559	783	785	789	rVB	77603	90308	1.09%	0.355%
15	11.119	832	834	839	rBV2	455647	602737	7.30%	2.367%
16	11.382	854	857	859	rBV3	48342	83614	1.01%	0.328%
17	11.736	886	888	893	rVV2	86181	144806	1.75%	0.569%
18	12.194	925	928	932	rBV2	186253	384712	4.66%	1.511%
19	12.331	938	940	942	rBV	668032	608042	7.36%	2.388%
20	12.548	957	959	961	rBV	363930	565081	6.84%	2.219%
21	12.708	970	973	975	rBV	985958	1066577	12.91%	4.189%
22	12.776	976	979	982	rBV3	47408	90684	1.10%	0.356%
23	12.891	985	989	990	rBV2	87091	182660	2.21%	0.717%
24	12.948	992	994	996	rBV	90895	106394	1.29%	0.418%
25	12.994	996	998	1001	rBV2	58718	119221	1.44%	0.468%
26	13.074	1001	1005	1007	rBV3	63697	139290	1.69%	0.547%
27	13.131	1007	1010	1014	rBV4	51333	161502	1.95%	0.634%
28	13.622	1051	1053	1055	rBV3	81554	130071	1.57%	0.511%
29	13.748	1061	1064	1068	rBV2	665689	1301141	15.75%	5.110%
30	15.062	1177	1179	1182	rBV	275472	507465	6.14%	1.993%
31	15.120	1182	1184	1187	rVB	389890	502235	6.08%	1.972%

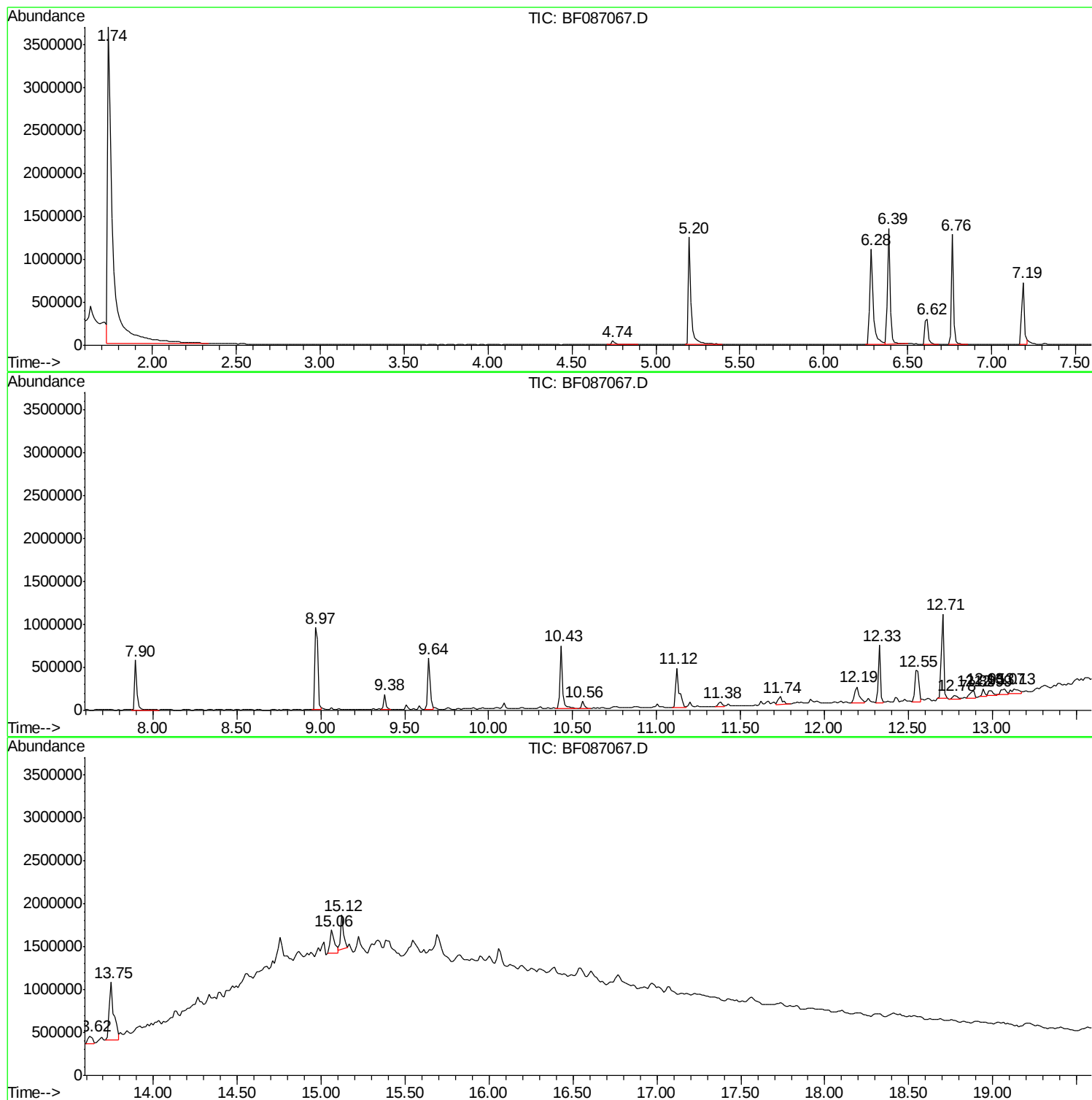
Sum of corrected areas: 25463867

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

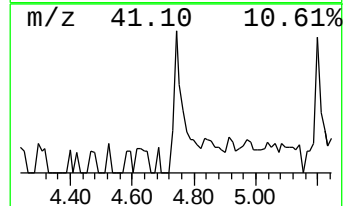
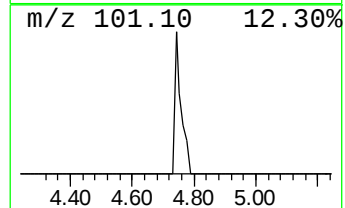
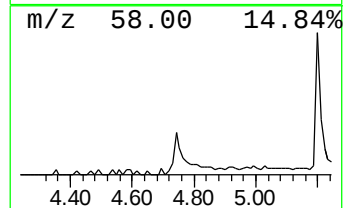
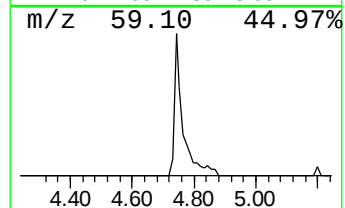
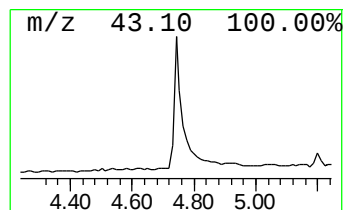
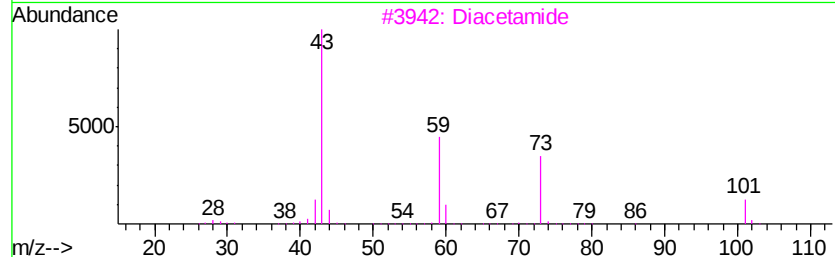
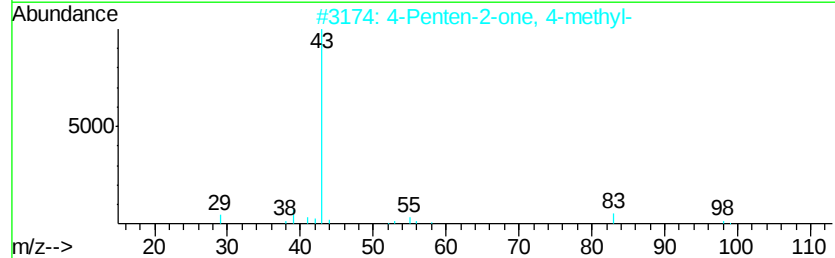
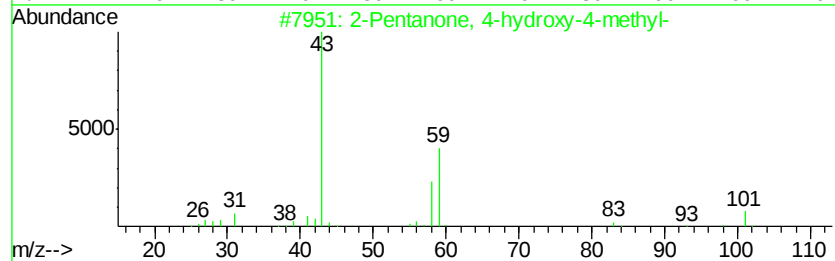
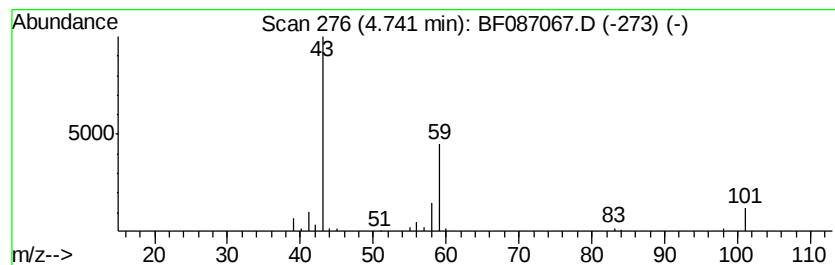
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	3.86 ng	86087	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
3			Diacetamide	101	C4H7NO2	000625-77-4	9
4			dl-4-Amino-3-hydroxybutyric acid	119	C4H9NO3	000352-21-6	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

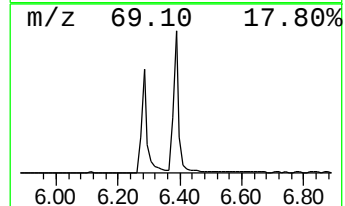
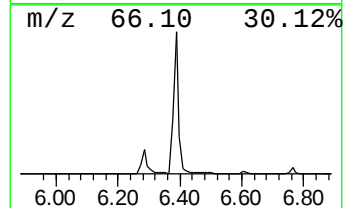
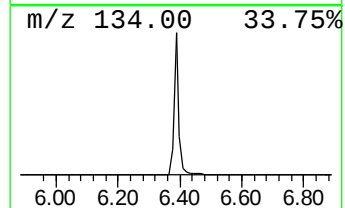
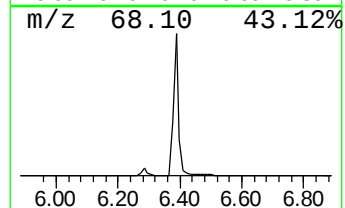
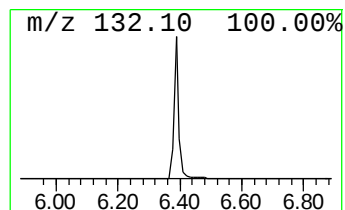
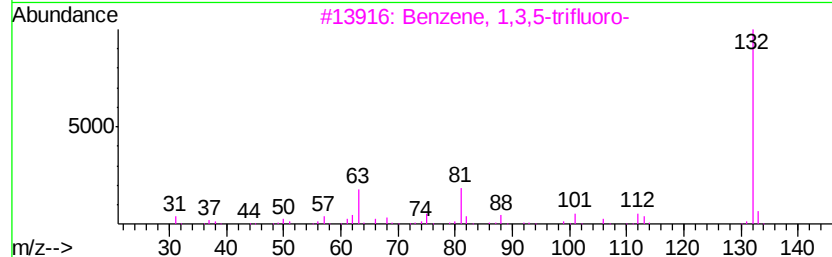
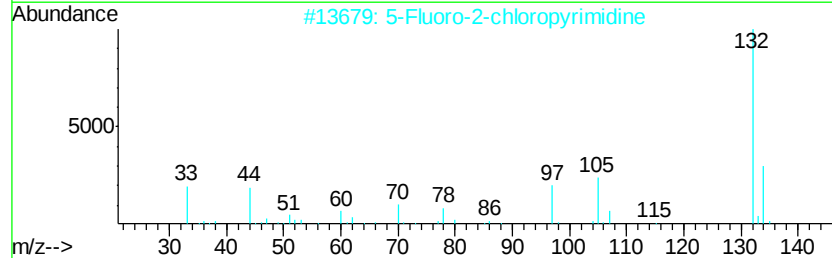
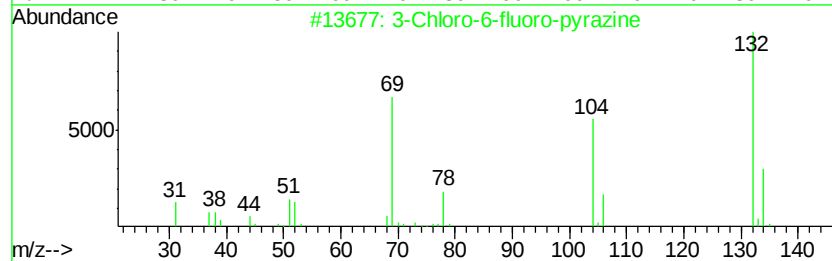
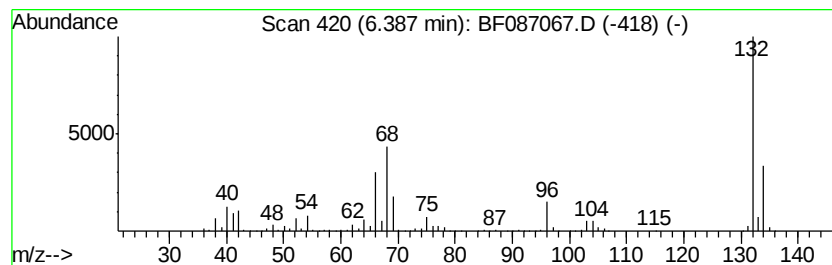
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	69.92 ng	1560810	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

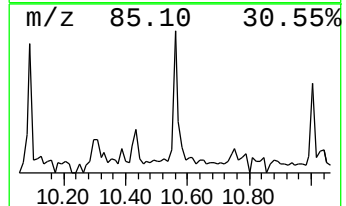
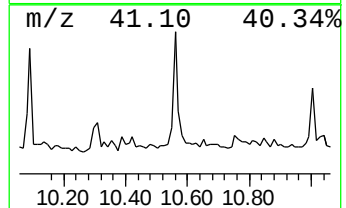
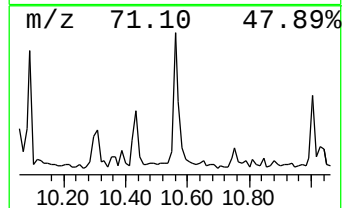
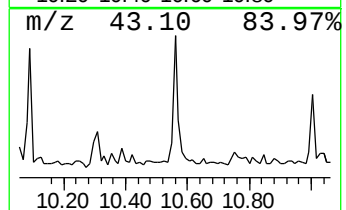
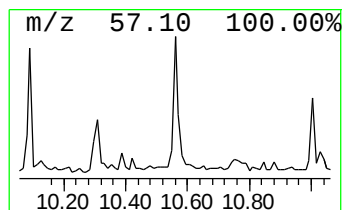
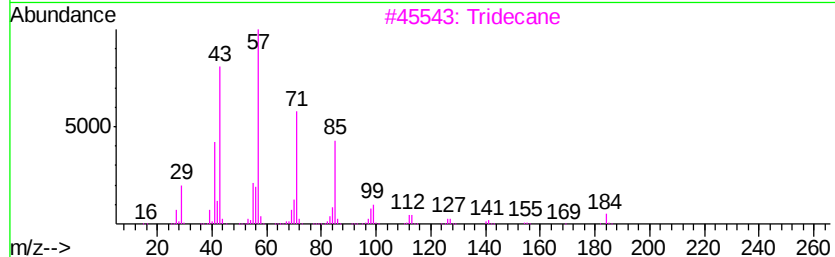
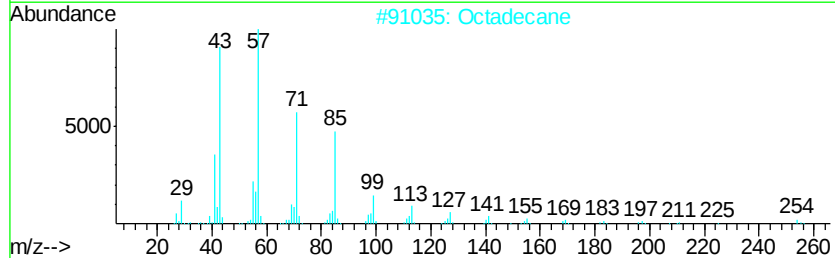
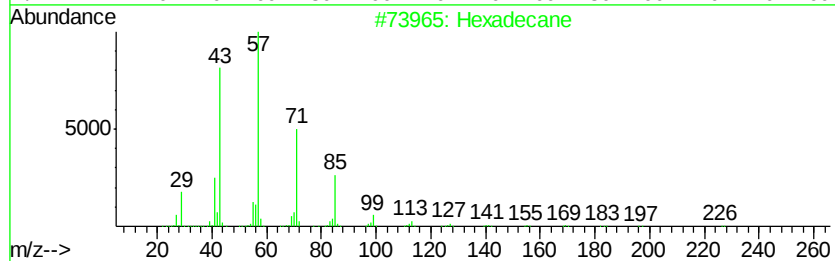
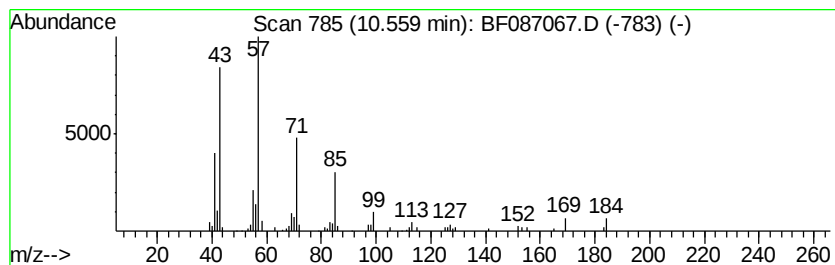
Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.56	3.00 ng	90308	Phenanthrene-d10		11.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Octadecane	254	C18H38	000593-45-3	86
3	Tridecane	184	C13H28	000629-50-5	81
4	Eicosane	282	C20H42	000112-95-8	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

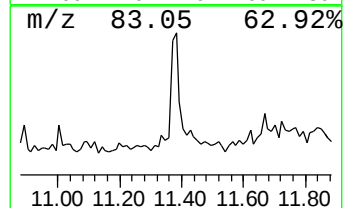
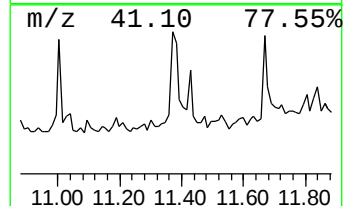
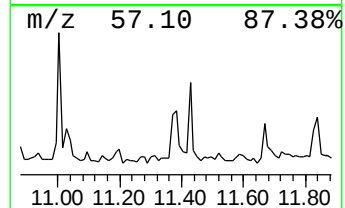
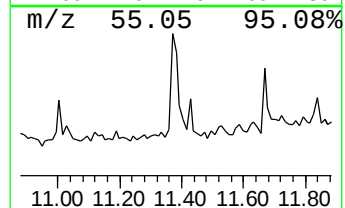
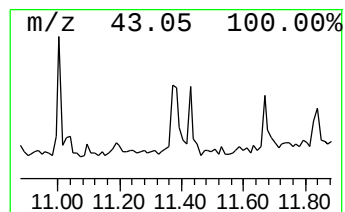
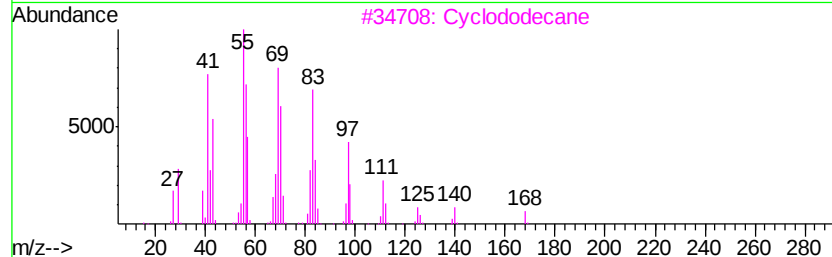
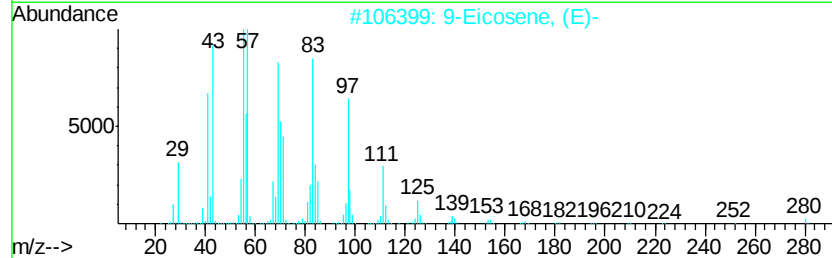
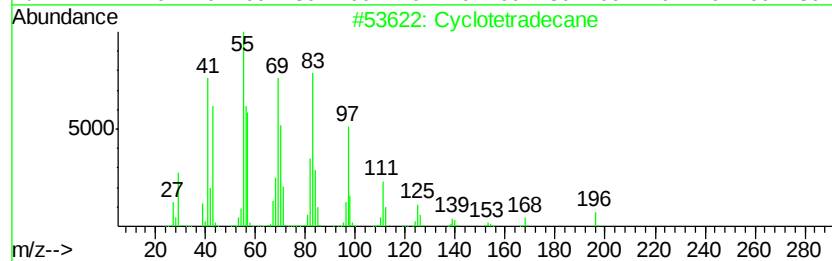
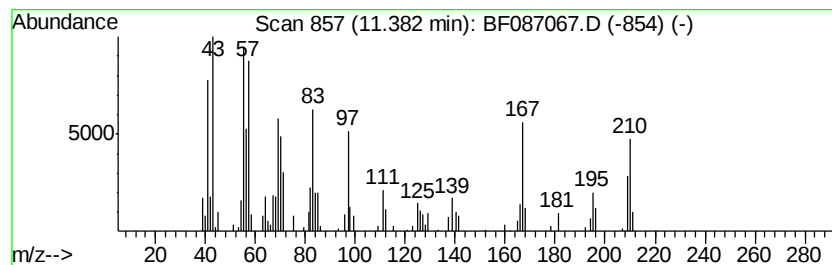
Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclotetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.38	2.77 ng	83614	Phenanthrene-d10		11.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	86
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	86
3	Cyclododecane	168	C12H24	000294-62-2	78
4	11-Tricosene	322	C23H46	052078-56-5	50
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

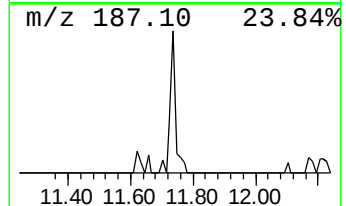
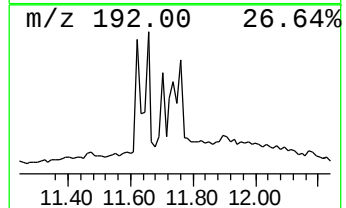
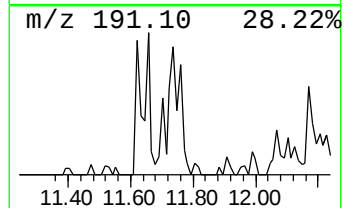
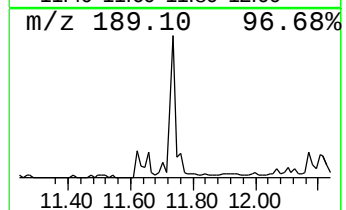
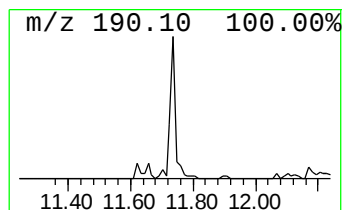
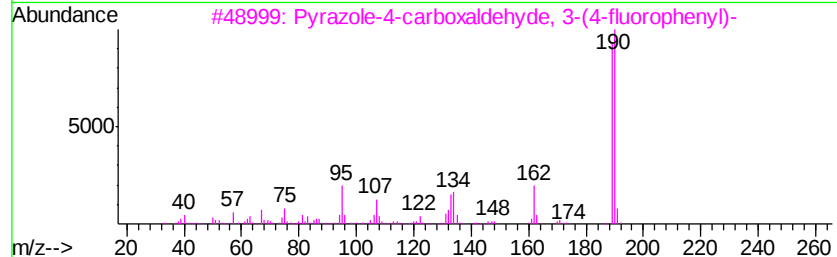
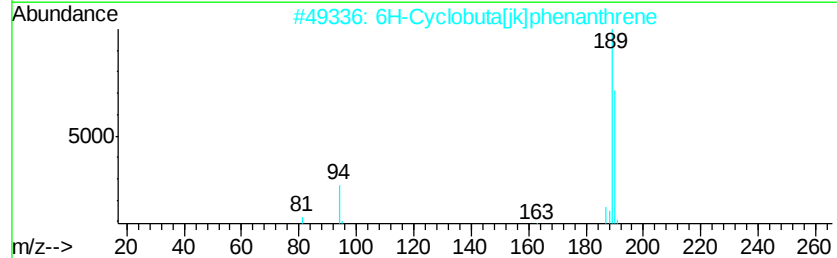
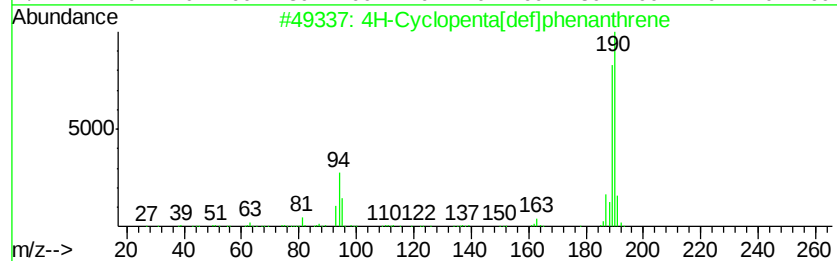
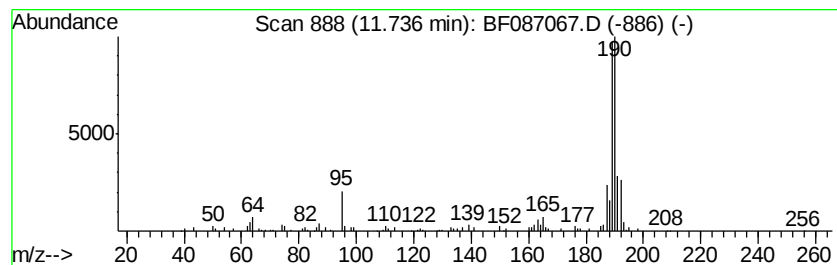
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.80 ng	144806	Phenanthrene-d10	11.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	42
4		4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	17
5		2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

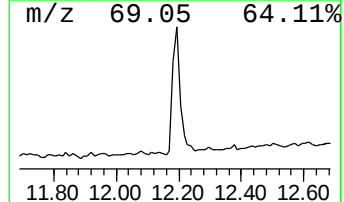
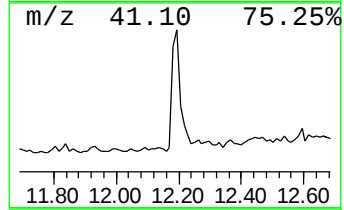
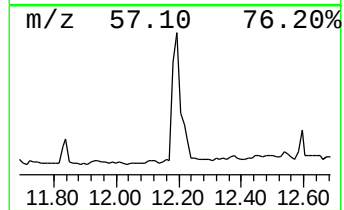
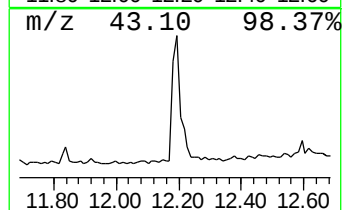
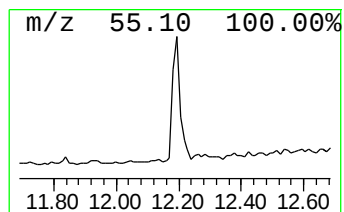
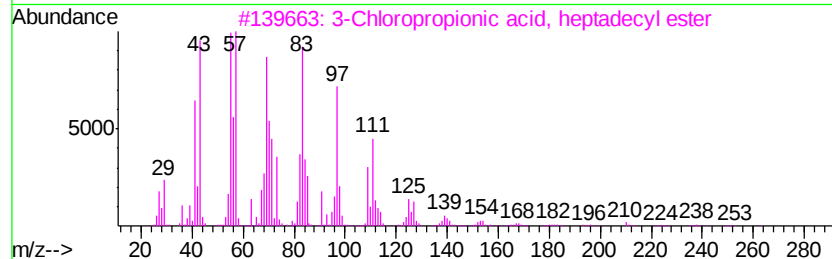
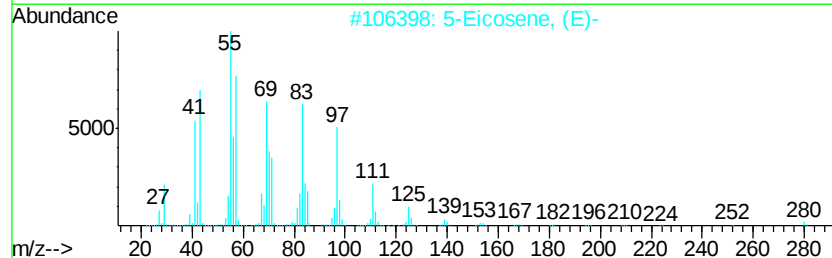
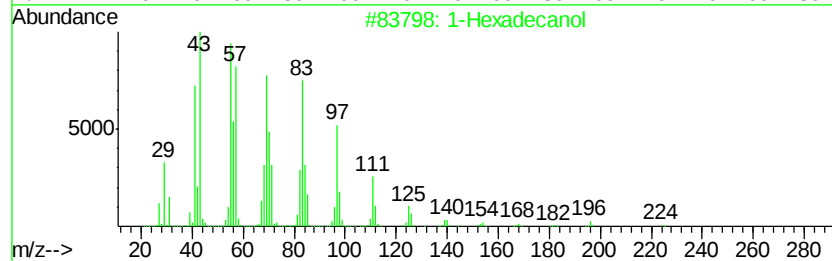
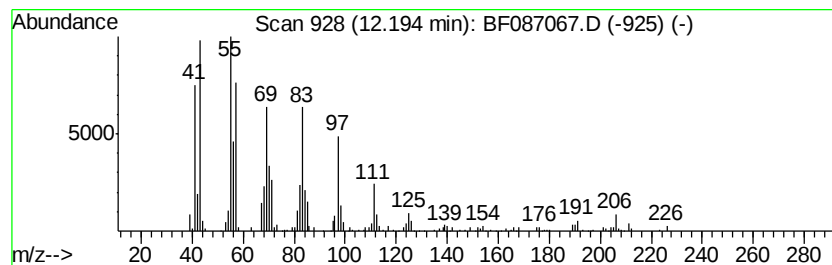
Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Hexadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.19	12.77 ng	384712	Phenanthrene-d10	11.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1	Hexadecanol	242	C16H34O	036653-82-4	94
2	5	Eicosene, (E)-	280	C20H40	074685-30-6	93
3	3	Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
5	1	Octadecene	252	C18H36	000112-88-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

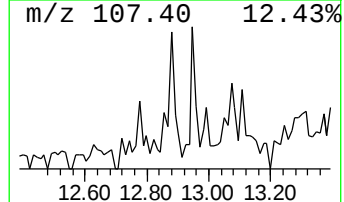
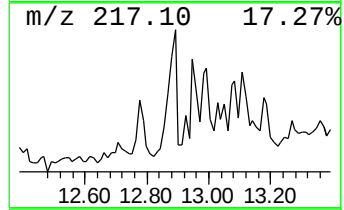
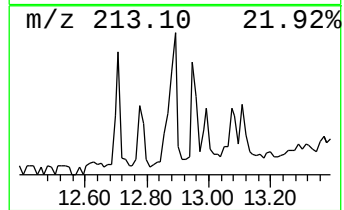
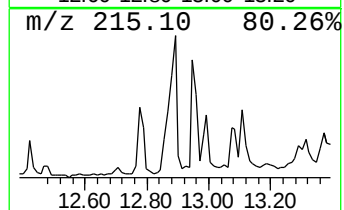
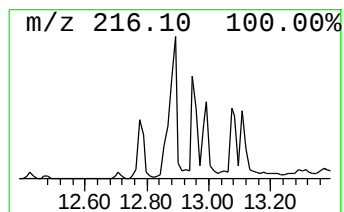
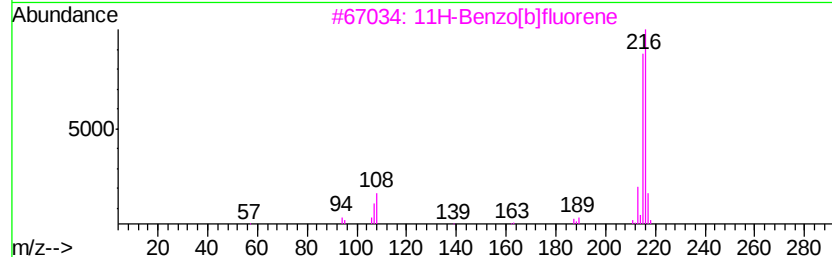
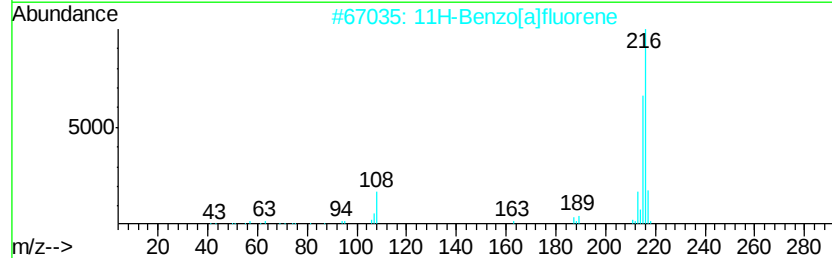
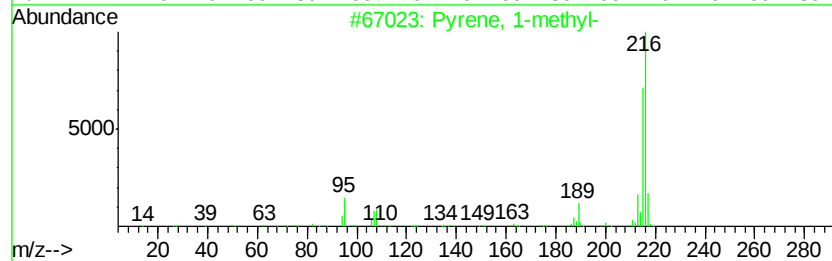
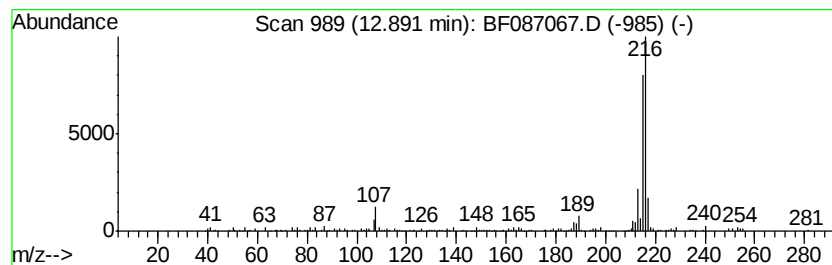
Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.89	2.81 ng	182660	Chrysene-d12		13.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

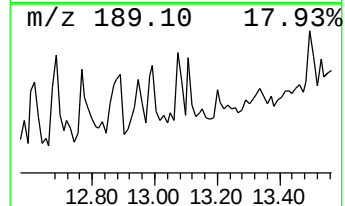
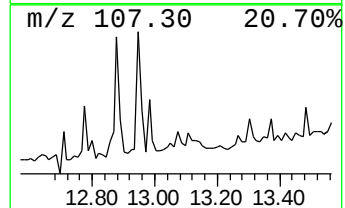
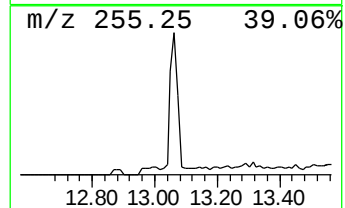
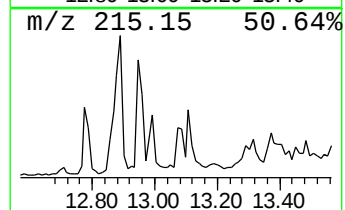
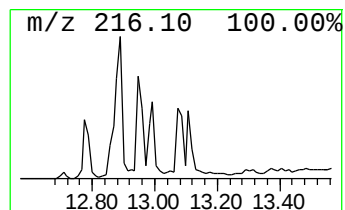
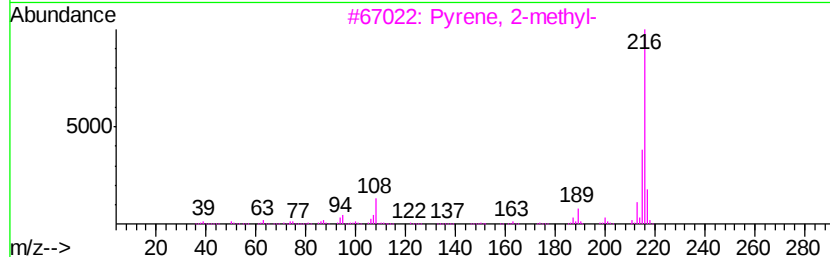
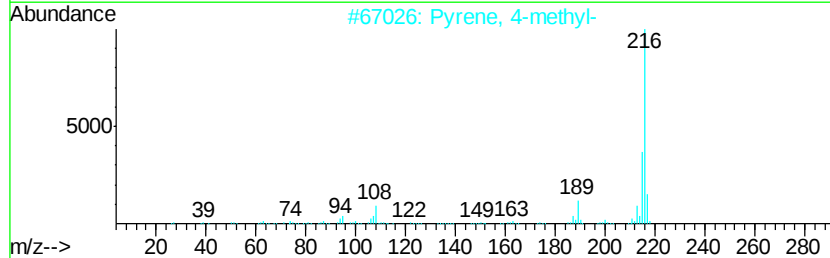
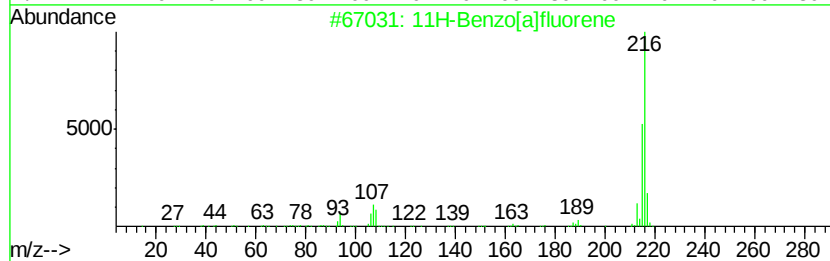
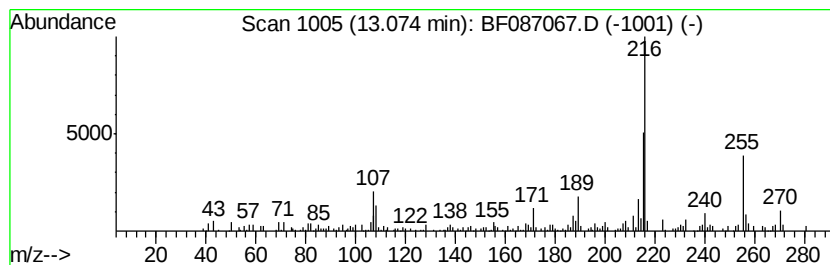
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.14 ng	139290	Chrysene-d12	13.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

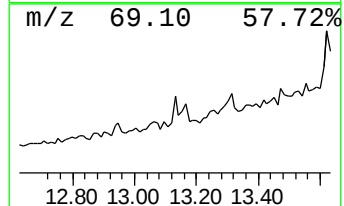
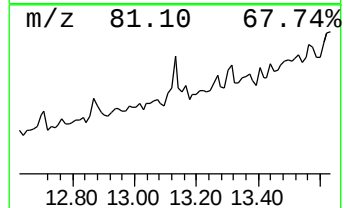
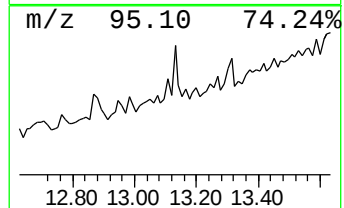
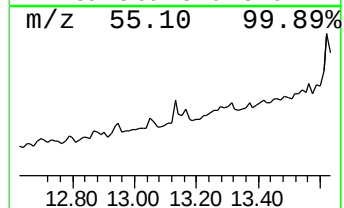
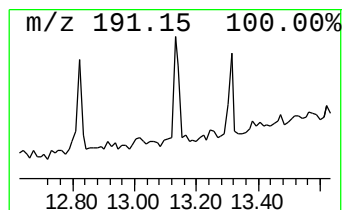
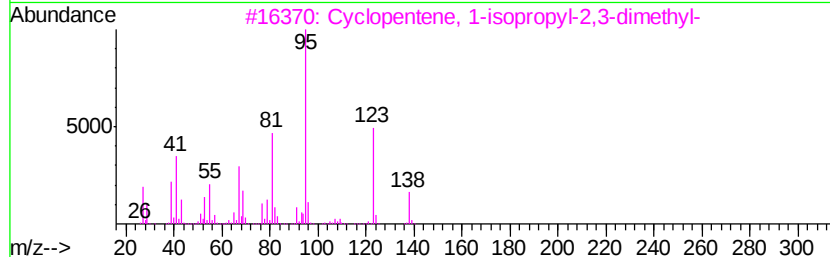
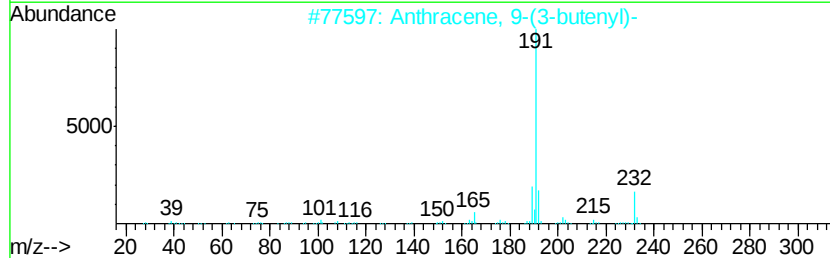
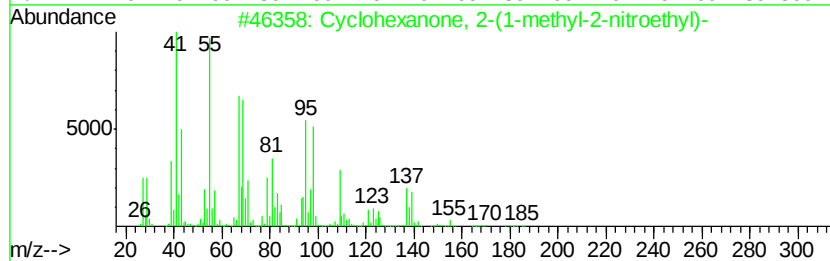
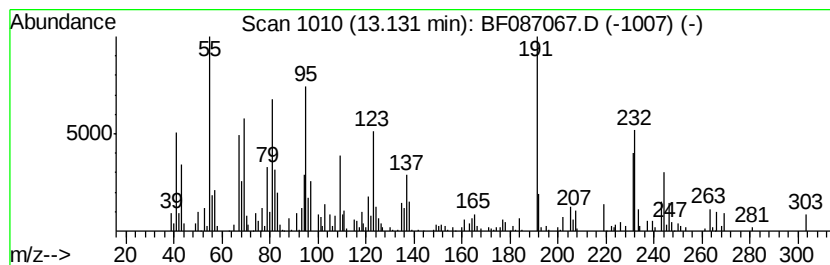
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown13.13 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.48 ng	161502	Chrysene-d12	13.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-(1-methyl-2-nit...	185	C9H15N03	019307-62-1	38
2		Anthracene, 9-(3-butenyl)-	232	C18H16	097451-55-3	22
3		Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	18
4		cis-Bicyclo[2.2.1]heptane, 2,3-d...	124	C9H16	1000262-02-5	11
5		Methyl 2-methyl-2-methoxy-3-hydr...	250	C13H14O5	1000215-38-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087067.D
Acq On : 15 May 2016 14:01
Operator : UM/SJ
Sample : H2968-06 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.74	3.9	ng	86087	1	6.62	446434	20.0
unknown6.39	6.39	69.9	ng	1560810	1	6.62	446434	20.0
Hexadecane	10.56	3.0	ng	90308	4	11.12	602737	20.0
Cyclotetradecane	11.38	2.8	ng	83614	4	11.12	602737	20.0
4H-Cyclopenta[def...	11.74	4.8	ng	144806	4	11.12	602737	20.0
1-Hexadecanol	12.19	12.8	ng	384712	4	11.12	602737	20.0
Pyrene, 1-methyl-	12.89	2.8	ng	182660	5	13.75	1301140	20.0
11H-Benzo[a]fluorene	13.07	2.1	ng	139290	5	13.75	1301140	20.0
unknown13.13	13.13	2.5	ng	161502	5	13.75	1301140	20.0