

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092129.D
 Acq On : 6 Jan 2017 20:55
 Operator : UM/SJ
 Sample : I1045-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP1

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-BF122116.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	4.756	249	251	259	rVB	261229	334369	25.38%	1.895%
2	5.247	292	294	302	rBV	579689	678061	51.47%	3.844%
3	6.310	386	387	394	rBV2	471764	669799	50.84%	3.797%
4	6.413	394	396	399	rBV	496412	665244	50.49%	3.771%
5	6.641	414	416	418	rBV	1125326	953823	72.40%	5.407%
6	6.802	427	430	432	rVB	397330	532627	40.43%	3.019%
7	7.213	463	466	468	rBV	302772	380205	28.86%	2.155%
8	7.933	526	529	531	rBV	1136364	1145044	86.91%	6.491%
9	8.367	564	567	571	rBV2	15698	23395	1.78%	0.133%
10	8.962	616	619	621	rBV	21469	28399	2.16%	0.161%
11	9.007	621	623	625	rVB	794673	671123	50.94%	3.804%
12	9.099	627	631	633	rBV	28819	39983	3.03%	0.227%
13	9.259	643	645	648	rBV2	11017	24956	1.89%	0.141%
14	9.339	650	652	653	rVV	39472	35315	2.68%	0.200%
15	9.408	656	658	660	rVB	100936	98229	7.46%	0.557%
16	9.533	667	669	670	rBV	37158	43216	3.28%	0.245%
17	9.625	676	677	679	rBV	33505	23453	1.78%	0.133%
18	9.682	679	682	683	rVV	726724	1000894	75.97%	5.674%
19	9.705	683	684	689	rVB5	18886	28887	2.19%	0.164%
20	9.888	693	700	701	rBV6	17212	45907	3.48%	0.260%
21	10.002	707	710	713	rBV5	9126	22864	1.74%	0.130%
22	10.116	719	720	723	rVB	19189	27004	2.05%	0.153%
23	10.219	723	729	730	rBV5	16702	26805	2.03%	0.152%
24	10.345	736	740	742	rBV2	41241	65706	4.99%	0.372%
25	10.459	748	750	753	rBV2	204180	257543	19.55%	1.460%
26	10.608	760	763	765	rBV	54009	89099	6.76%	0.505%
27	10.665	765	768	769	rBV2	12892	21264	1.61%	0.121%
28	10.916	788	790	793	rVB4	19130	27754	2.11%	0.157%
29	11.042	799	801	802	rBV	48746	49856	3.78%	0.283%
30	11.065	802	803	807	rVB	40841	58778	4.46%	0.333%
31	11.156	808	811	812	rBV	936083	931319	70.69%	5.279%
32	11.179	812	813	814	rVV	87317	61009	4.63%	0.346%
33	11.225	814	817	819	rVV2	34787	41181	3.13%	0.233%
34	11.419	829	834	836	rBV5	30140	76246	5.79%	0.432%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092129.D
 Acq On : 6 Jan 2017 20:55
 Operator : UM/SJ
 Sample : I1045-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP1

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-BF122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.465	836	838	841	rVV2	55819	59058	4.48%	0.335%
36	11.568	845	847	850	rBV3	22066	31121	2.36%	0.176%
37	11.625	850	852	853	rBV	16415	28787	2.18%	0.163%
38	11.659	853	855	856	rBV	30598	43320	3.29%	0.246%
39	11.762	862	864	869	rBV3	42053	90788	6.89%	0.515%
40	11.876	869	874	877	rBV3	51220	149354	11.34%	0.847%
41	11.979	881	883	885	rVB2	33046	41600	3.16%	0.236%
42	12.025	885	887	889	rBV3	26241	45388	3.44%	0.257%
43	12.082	890	892	893	rBV	28285	37526	2.85%	0.213%
44	12.208	901	903	906	rBV3	62378	143214	10.87%	0.812%
45	12.265	906	908	909	rVB	64632	80986	6.15%	0.459%
46	12.299	909	911	912	rBV2	29678	53522	4.06%	0.303%
47	12.356	915	916	918	rBV	127353	168443	12.78%	0.955%
48	12.585	934	936	939	rVB	103513	111074	8.43%	0.630%
49	12.631	939	940	941	rBV	59357	58549	4.44%	0.332%
50	12.734	947	949	953	rVB	588169	655696	49.77%	3.717%
51	12.836	953	958	959	rBV4	107118	282856	21.47%	1.603%
52	12.985	969	971	973	rBV	129471	131690	10.00%	0.747%
53	13.065	973	978	980	rBV5	92657	346238	26.28%	1.963%
54	13.111	980	982	983	rBV	78133	85002	6.45%	0.482%
55	13.179	986	988	990	rVV2	93541	130195	9.88%	0.738%
56	13.328	999	1001	1002	rBV	174844	133589	10.14%	0.757%
57	13.362	1002	1004	1007	rBV4	111581	265358	20.14%	1.504%
58	13.659	1028	1030	1032	rBV	192689	219305	16.65%	1.243%
59	13.785	1038	1041	1043	rBV	1189957	1317508	100.00%	7.469%
60	13.968	1055	1057	1060	rVB	309378	442312	33.57%	2.507%
61	14.277	1082	1084	1085	rBV	252444	283138	21.49%	1.605%
62	14.574	1108	1110	1112	rBV2	305499	448794	34.06%	2.544%
63	14.871	1134	1136	1138	rVB	225440	234838	17.82%	1.331%
64	15.157	1159	1161	1163	rBV	495271	633815	48.11%	3.593%
65	15.580	1196	1198	1200	rBV	213886	349529	26.53%	1.981%
66	15.762	1212	1214	1223	rVB	403430	825291	62.64%	4.678%
67	16.140	1244	1247	1253	rVB2	273310	533552	40.50%	3.025%

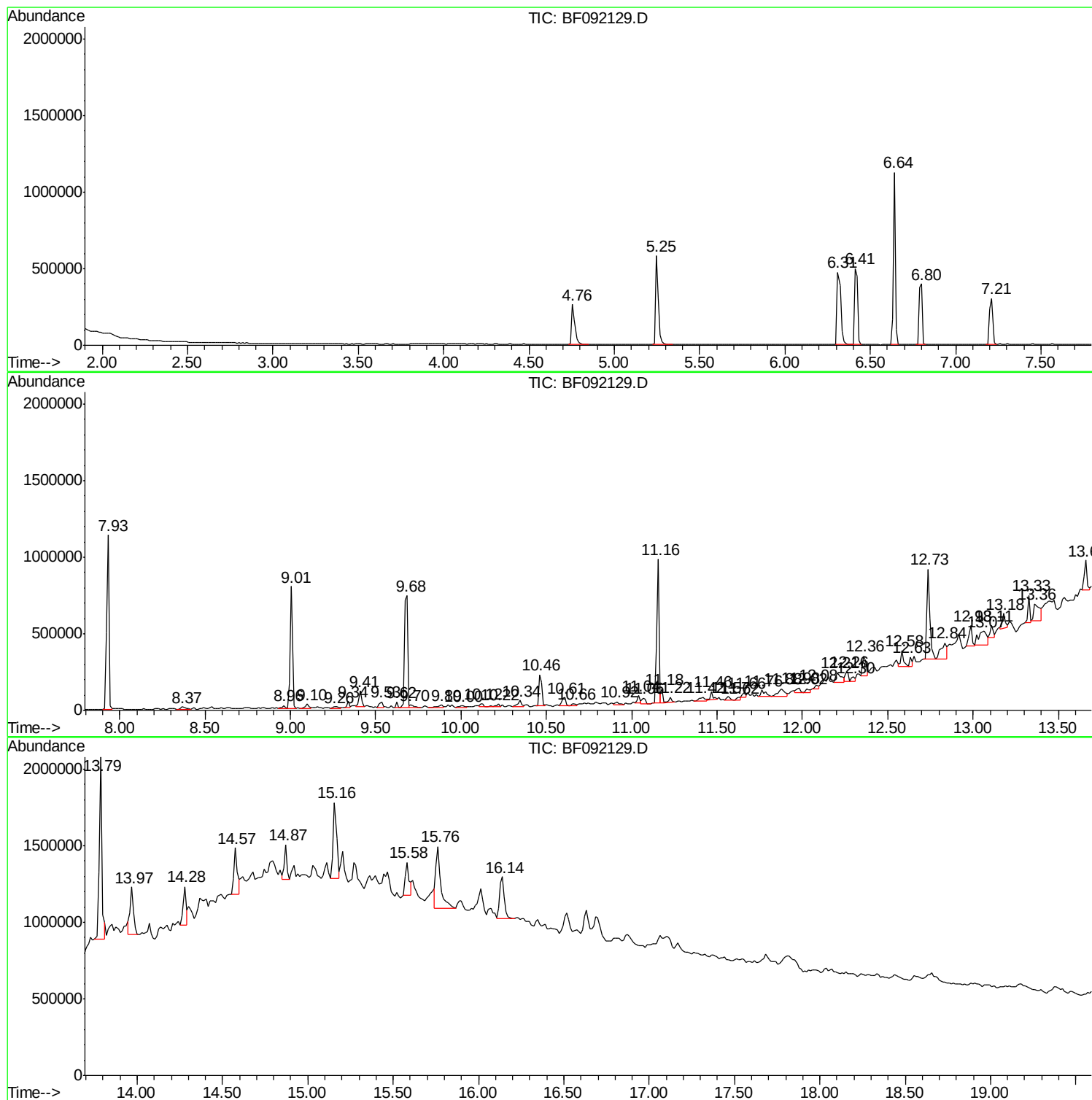
Sum of corrected areas: 17640793

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.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\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

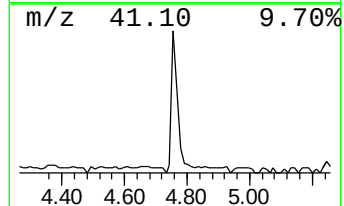
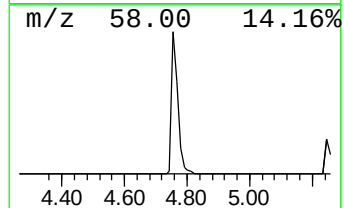
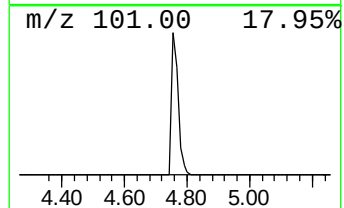
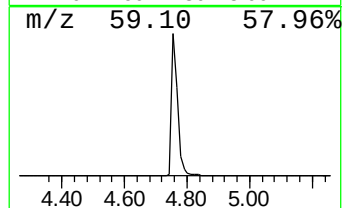
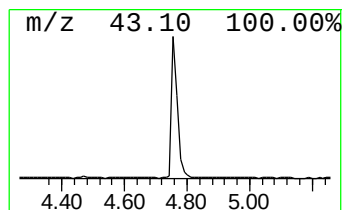
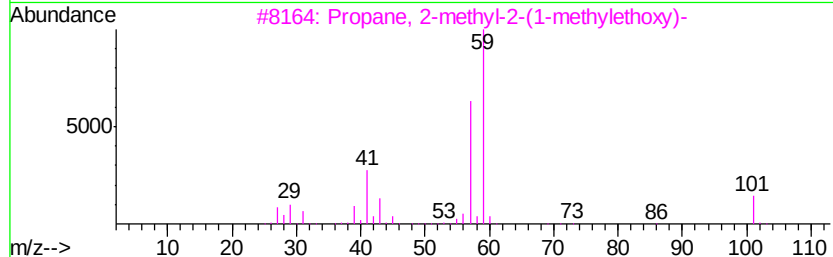
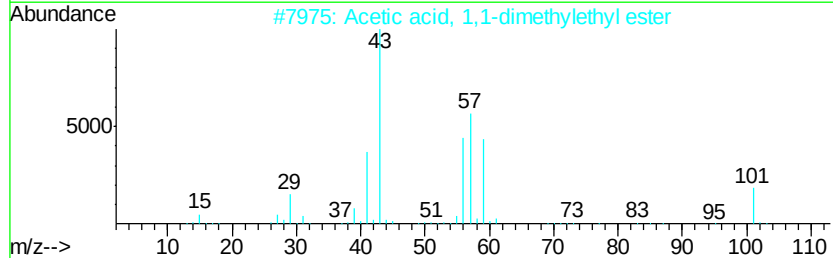
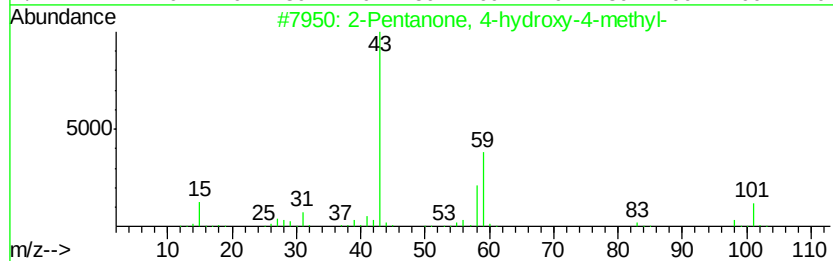
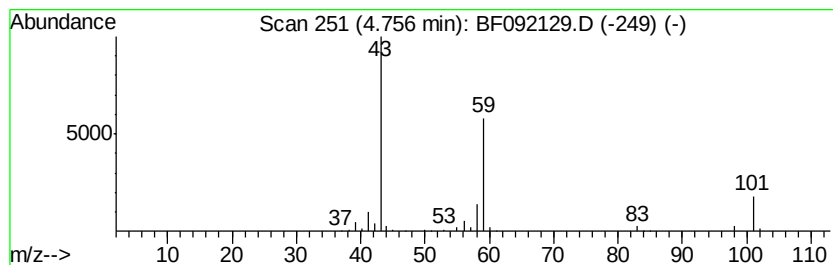
Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.76	7.01 ng	334369	1,4-Dichlorobenzene-d4	6.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

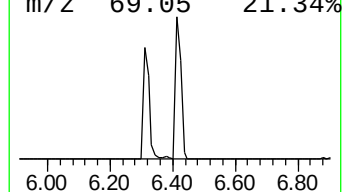
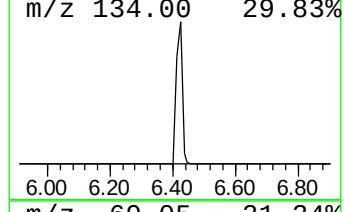
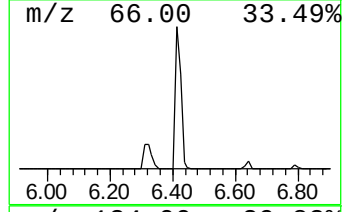
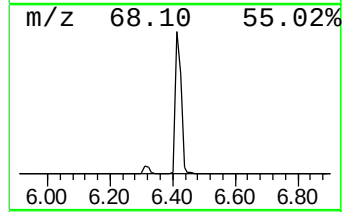
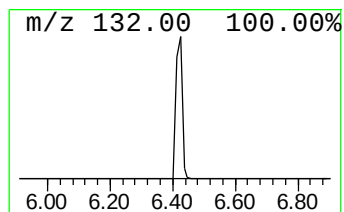
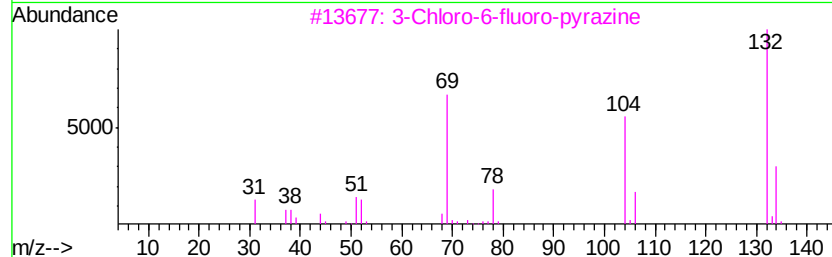
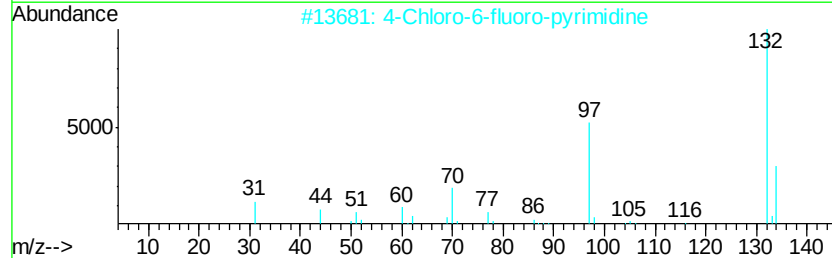
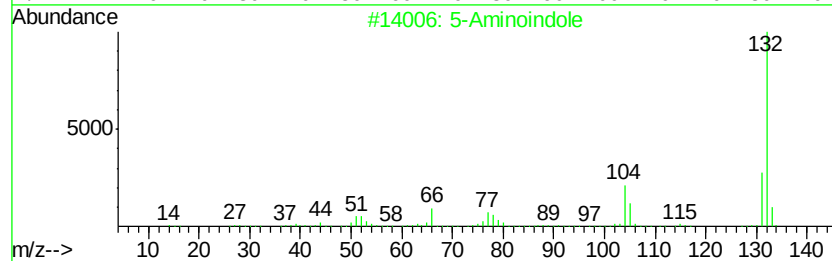
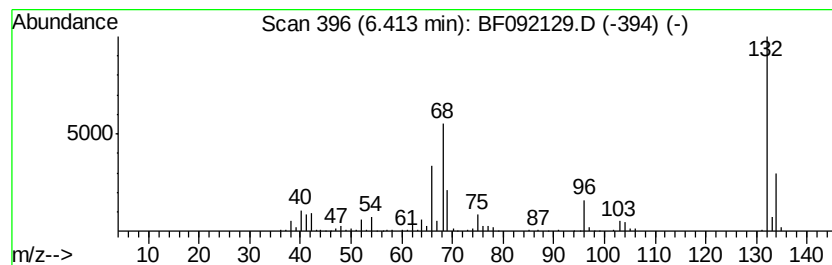
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.41 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	13.95 ng	665244	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

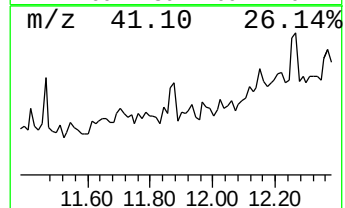
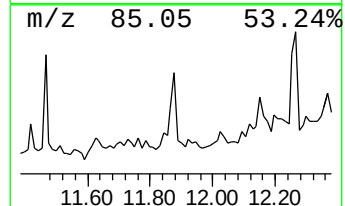
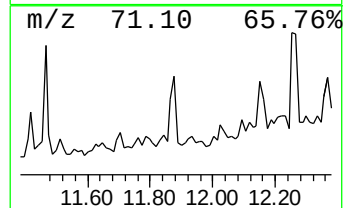
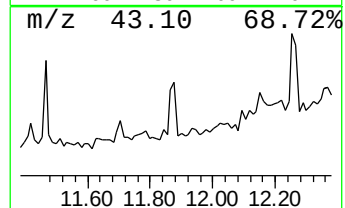
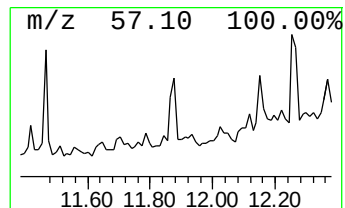
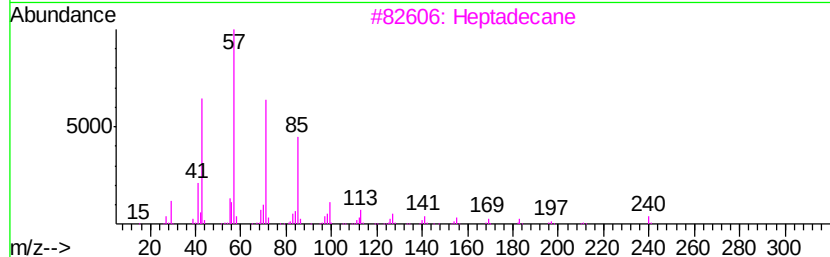
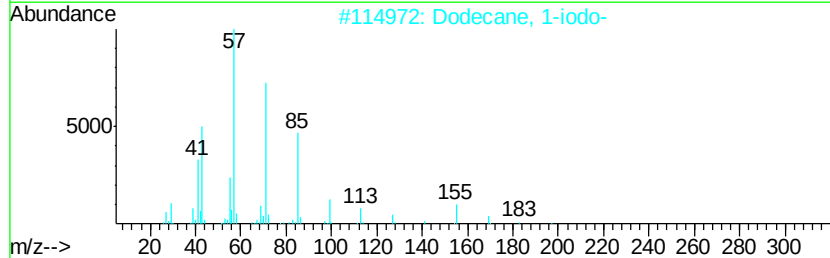
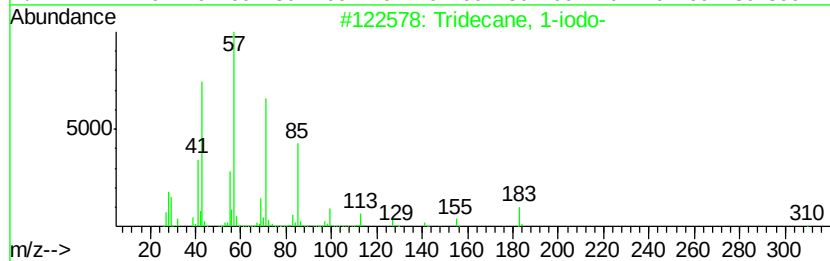
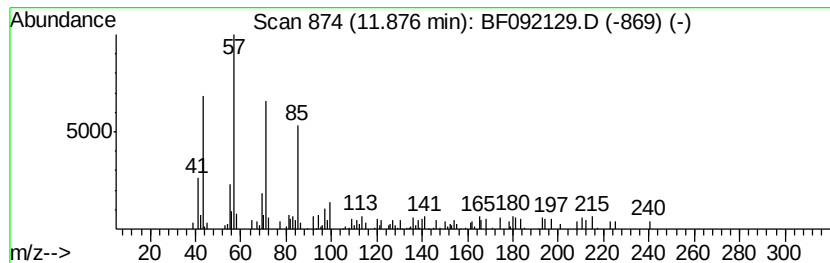
Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	3.21 ng	149354	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3	Heptadecane	240	C17H36	000629-78-7	53
4	Pentadecane	212	C15H32	000629-62-9	52
5	Heneicosane	296	C21H44	000629-94-7	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

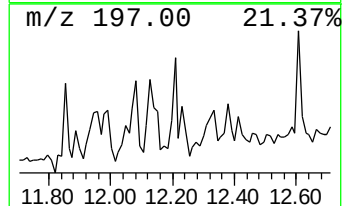
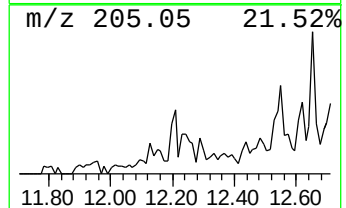
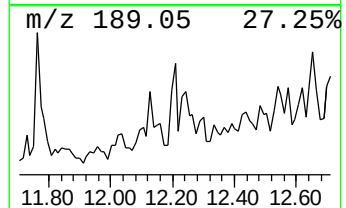
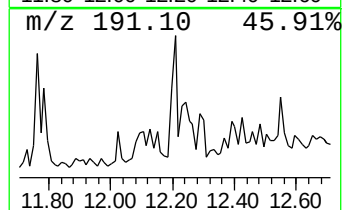
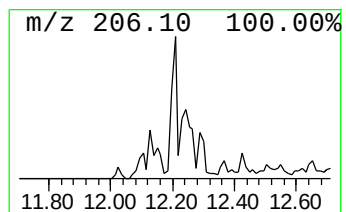
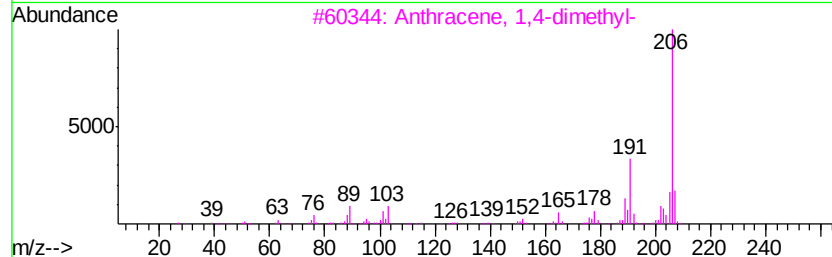
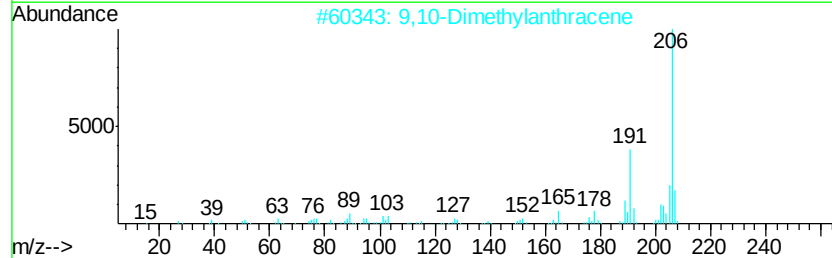
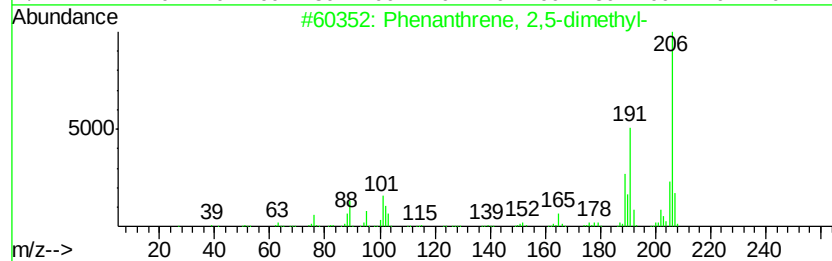
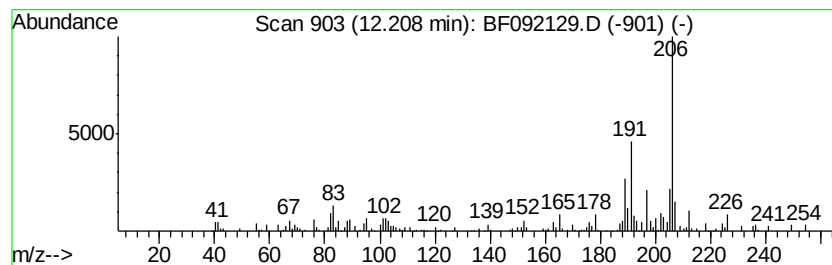
Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.21	3.08 ng	143214	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

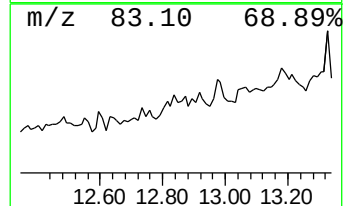
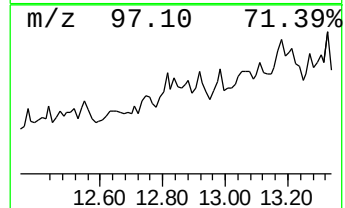
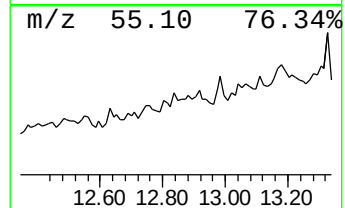
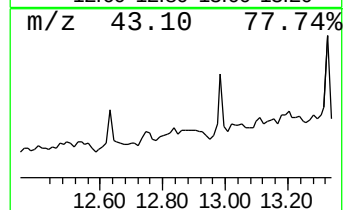
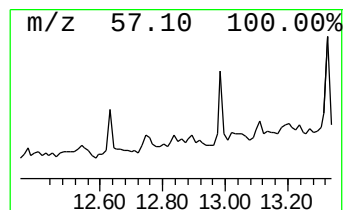
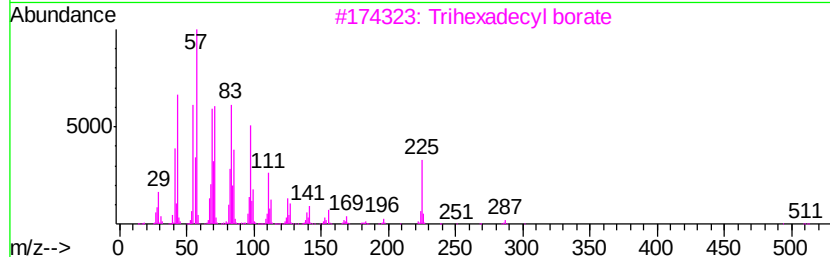
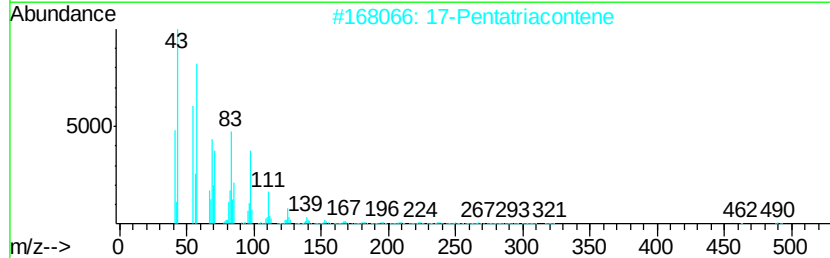
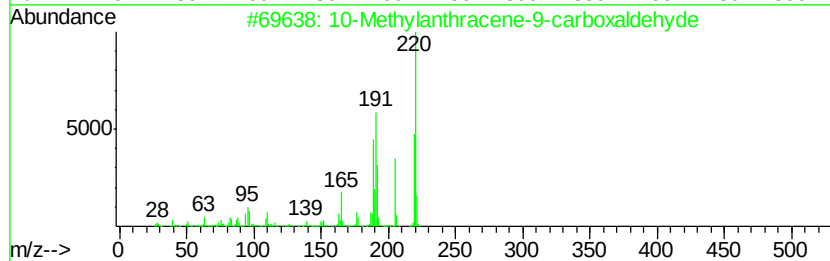
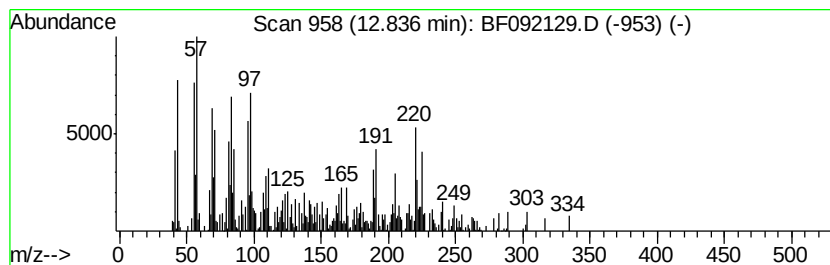
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.84 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	4.29 ng	282856	Chrysene-d12	13.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylantracene-9-carboxalde...	220	C16H12O	007072-00-6	42		
2	17-Pentatriacontene	491	C35H70	006971-40-0	35		
3	Trihexadecyl borate	735	C48H99B03	002665-11-4	30		
4	9-Methyl-Z-10-tetradecen-1-ol ac...	268	C17H32O2	1000130-99-4	25		
5	1-Octadecene	252	C18H36	000112-88-9	25		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

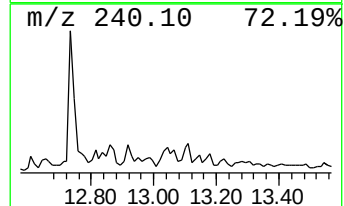
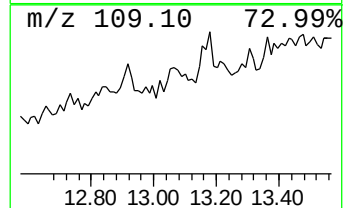
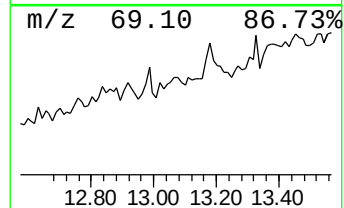
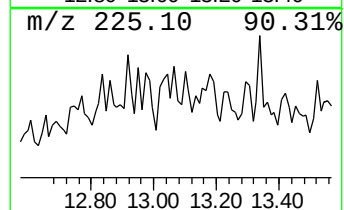
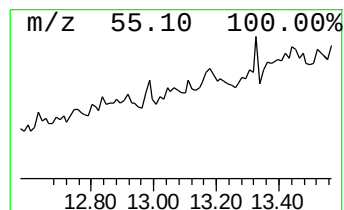
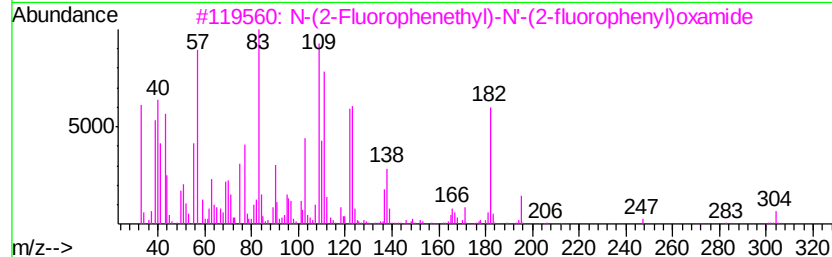
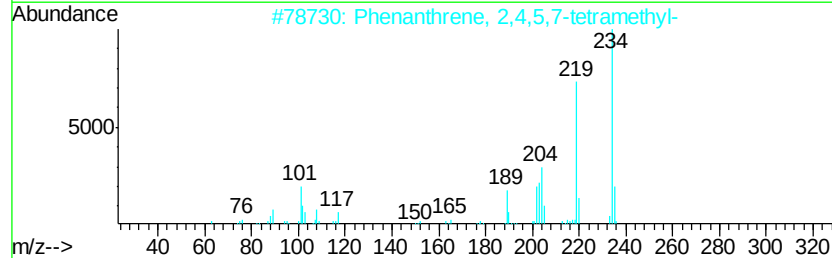
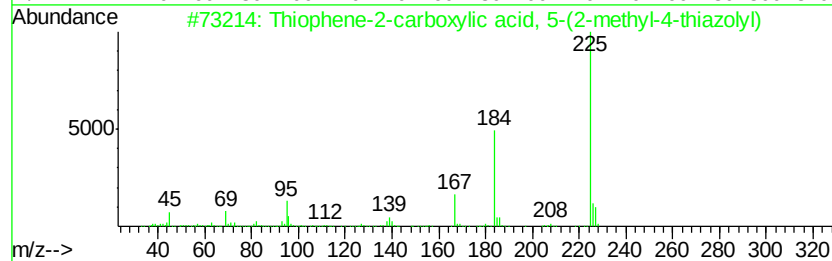
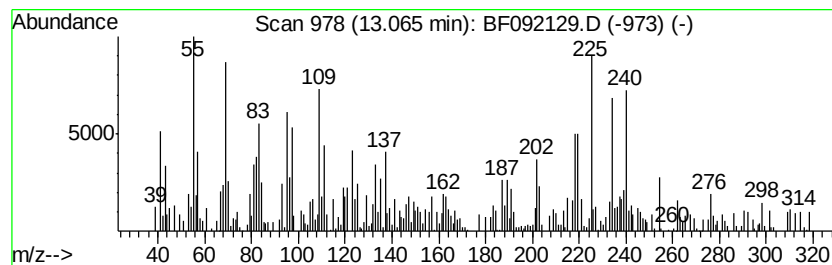
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown13.07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	5.26 ng	346238	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene-2-carboxylic acid, 5-(...	225	C9H7NO2S2	1000266-33-1	25
2		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	25
3		N-(2-Fluorophenethyl)-N'-(2-fluo...	304	C16H14F2N2O2	339006-39-2	25
4		Naphthalene, 2,6-bis(1,1-dimethy...	240	C18H24	003905-64-4	20
5		10H-Dibenzo[b,E]thiopyran-10-one...	240	C15H12OS	005495-83-0	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

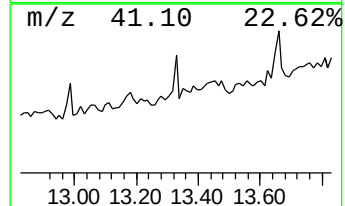
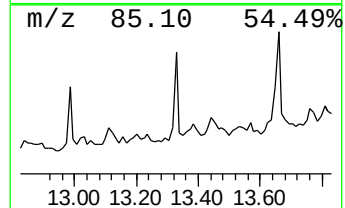
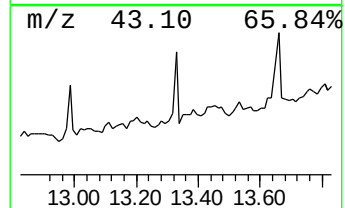
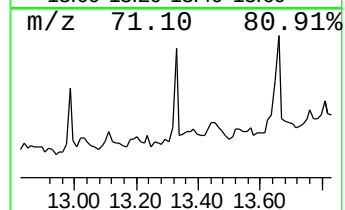
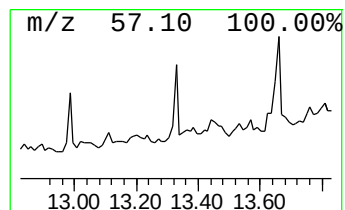
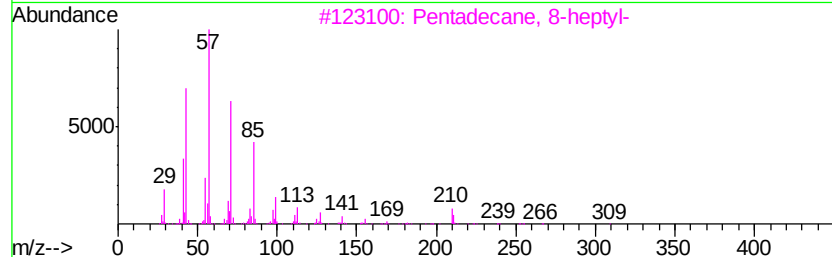
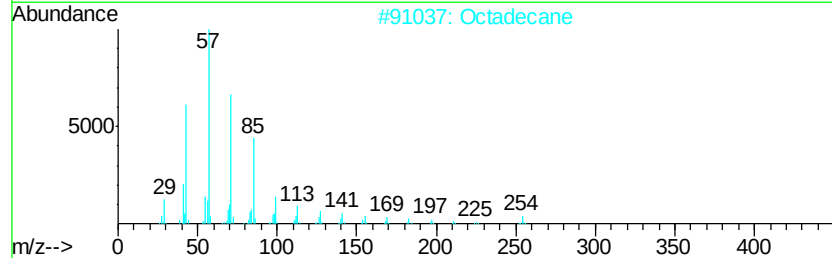
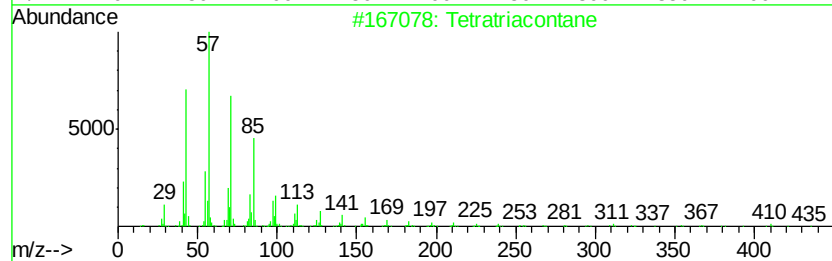
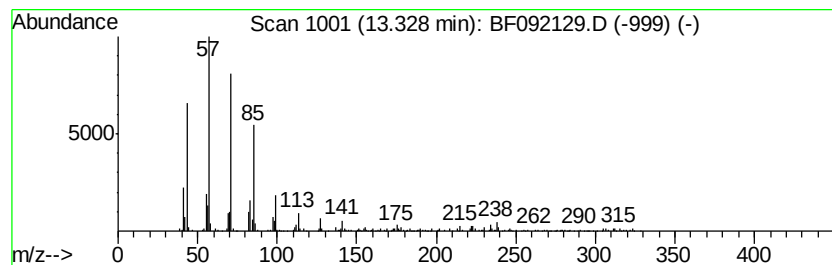
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratriacontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.03 ng	133589	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	87
2		Octadecane	254	C18H38	000593-45-3	86
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4		Heptadecane	240	C17H36	000629-78-7	86
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

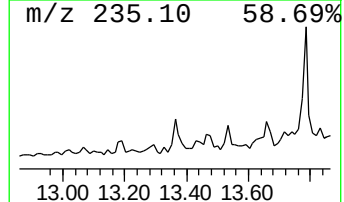
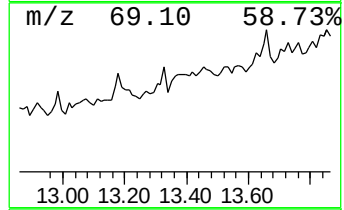
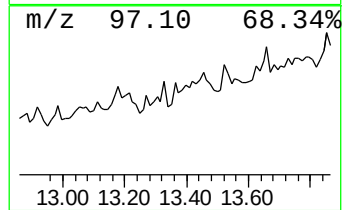
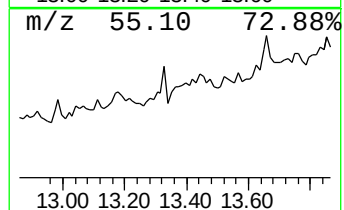
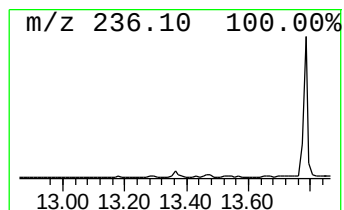
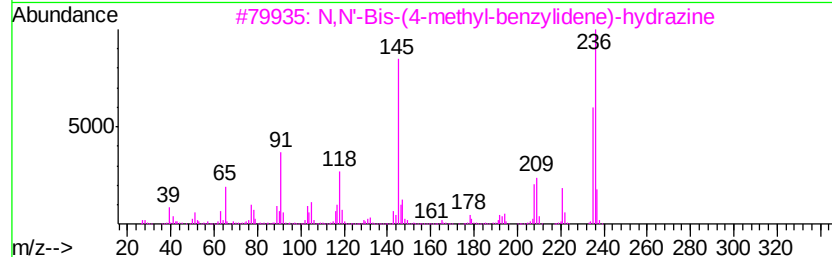
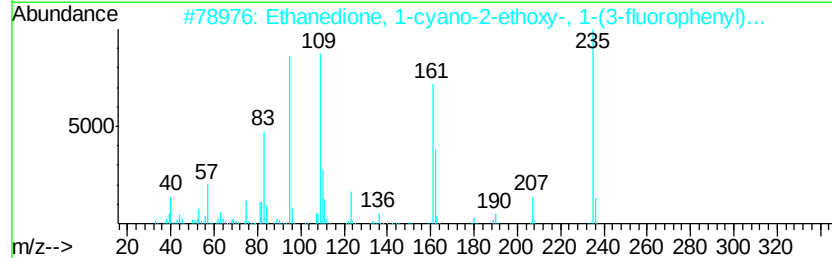
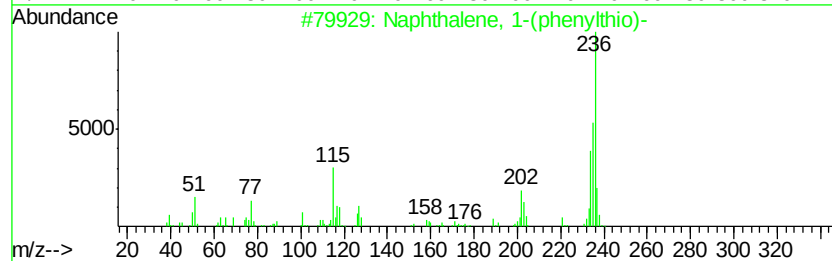
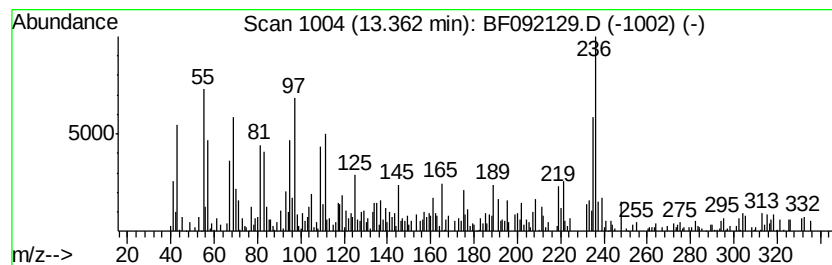
Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1-(phenylthio)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.36	4.03 ng	265358	Chrysene-d12	13.79		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-(phenylthio)-	236	C16H12S	007570-98-1	55
2		Ethanedione, 1-cyano-2-ethoxy-, ...	235	C11H10FN3O2	326909-09-5	42
3		N,N'-Bis-(4-methyl-benzylidene)-...	236	C16H16N2	1000193-17-0	42
4		Spiro(tetrahydrofuryl)2.1'(decal...	236	C16H28O	1000197-66-4	41
5		9,10-Anthracenedione, 1,4-dimethyl-	236	C16H12O2	001519-36-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

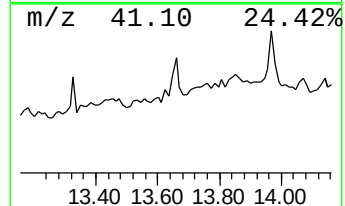
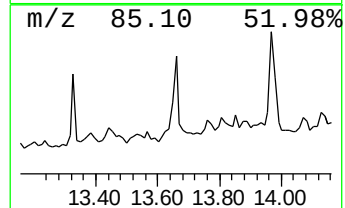
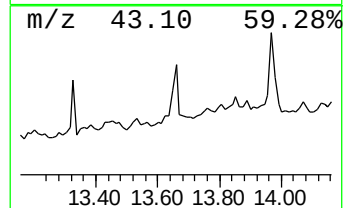
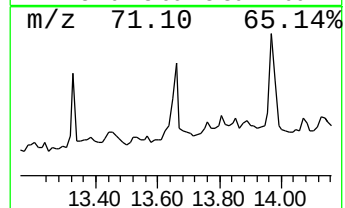
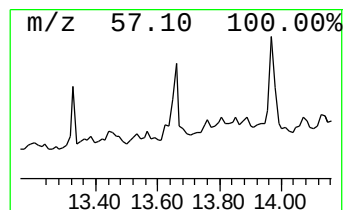
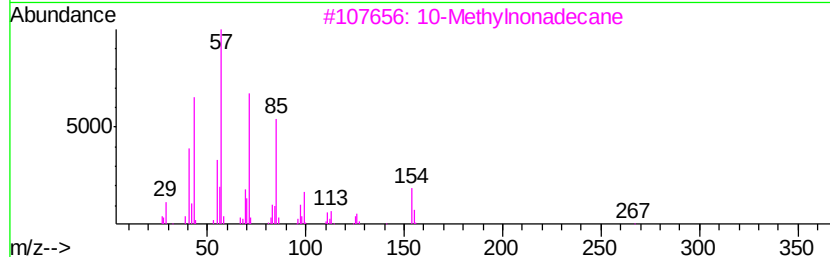
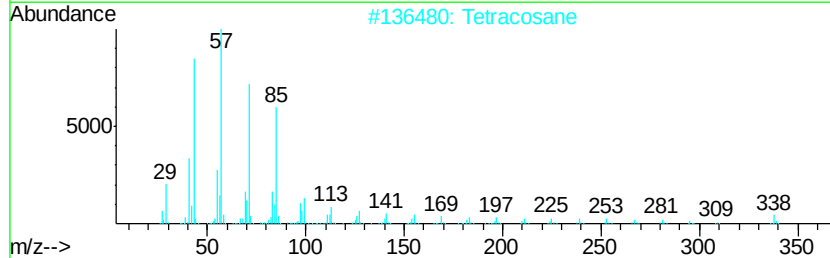
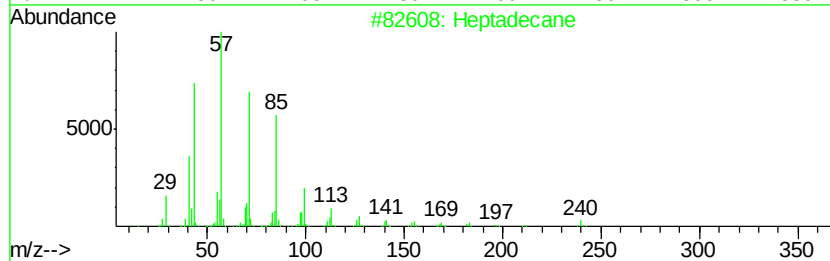
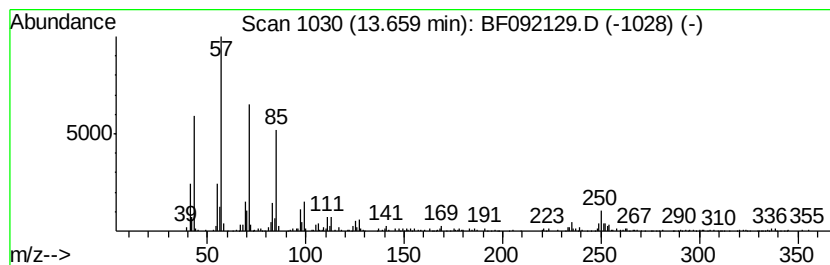
Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.33 ng	219305	Chrysene-d12	13.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	96
2	Tetracosane	338 C24H50	000646-31-1	93
3	10-Methylnonadecane	282 C20H42	056862-62-5	68
4	Octadecane	254 C18H38	000593-45-3	68
5	Tricosane, 2-methyl-	338 C24H50	001928-30-9	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

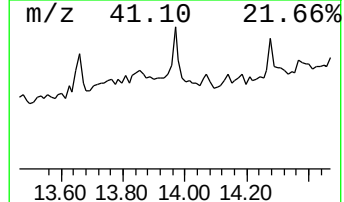
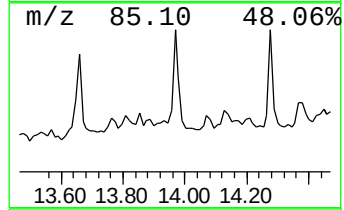
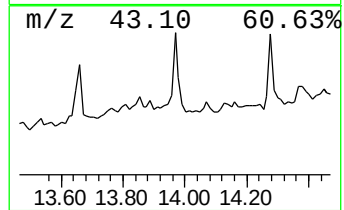
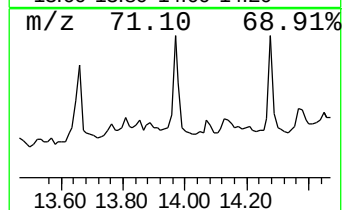
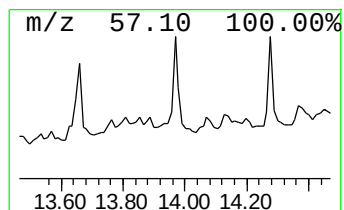
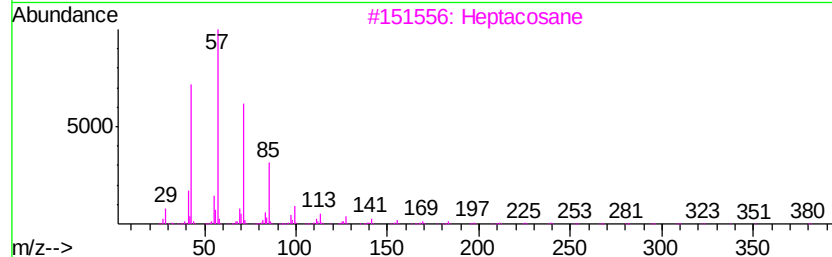
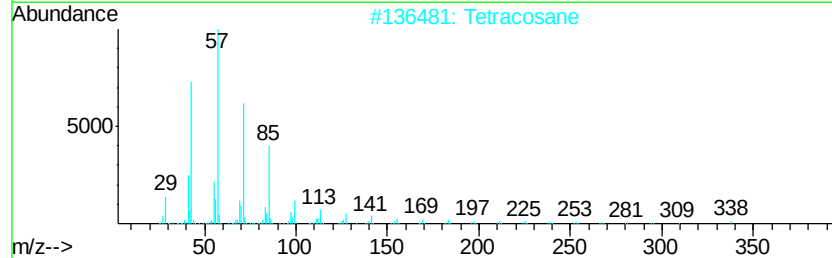
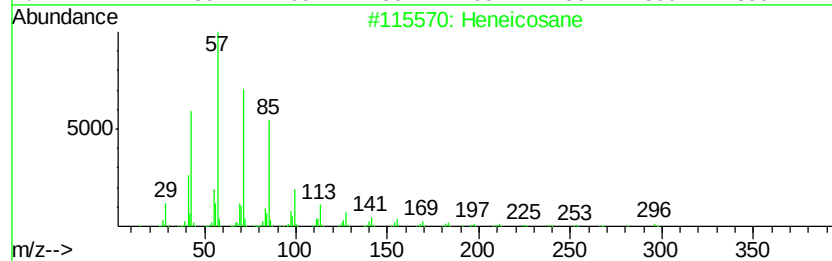
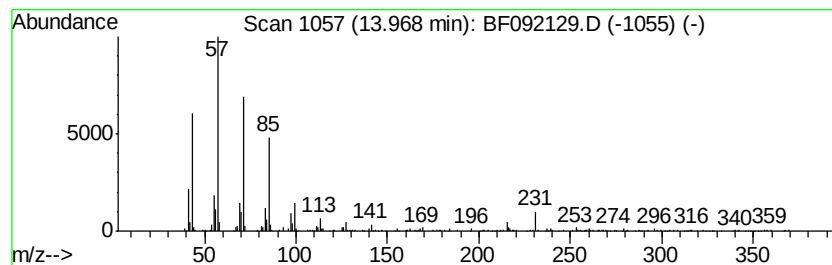
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.71 ng	442312	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Tetracosane	338	C24H50	000646-31-1	83
3		Heptacosane	380	C27H56	000593-49-7	83
4		Octacosane	394	C28H58	000630-02-4	80
5		Nonacosane	408	C29H60	000630-03-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

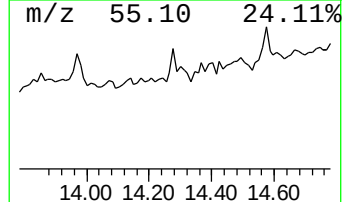
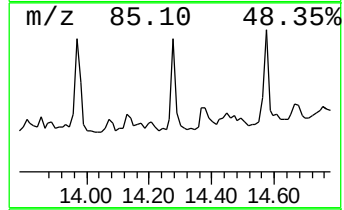
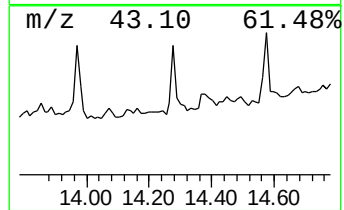
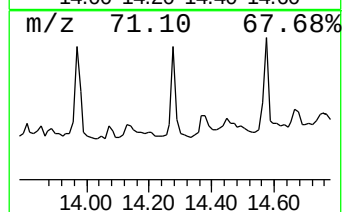
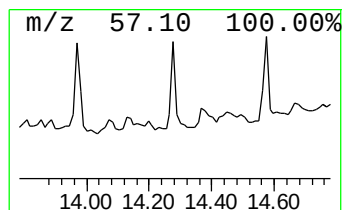
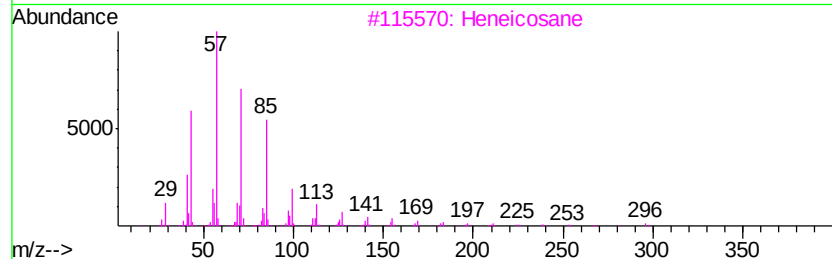
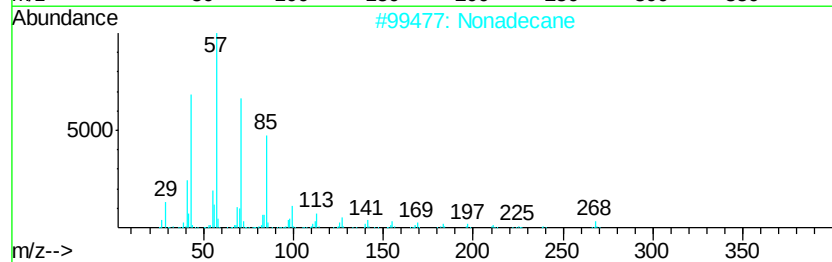
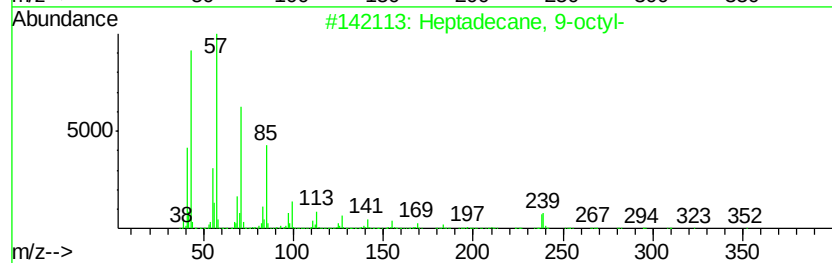
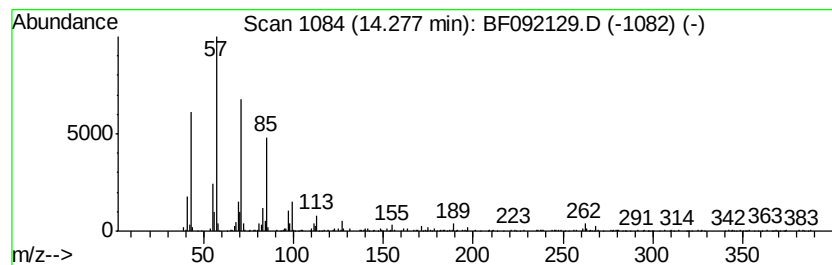
Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.28	4.30 ng	283138	Chrysene-d12		13.79
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetratriacontane	479	C34H70	014167-59-0	80
5	Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

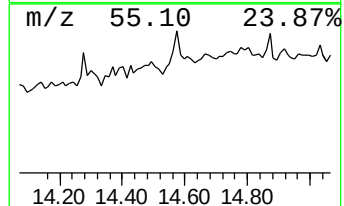
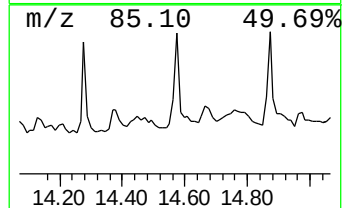
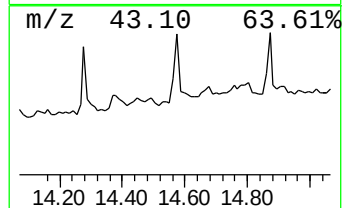
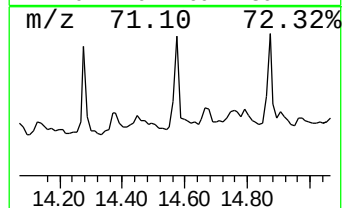
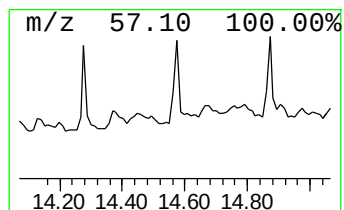
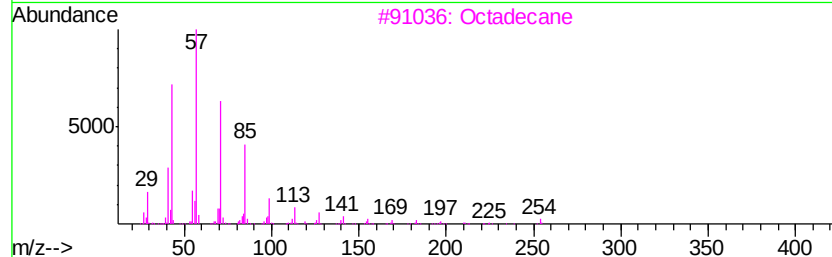
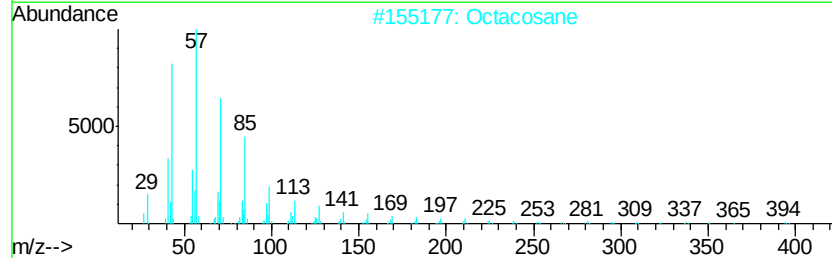
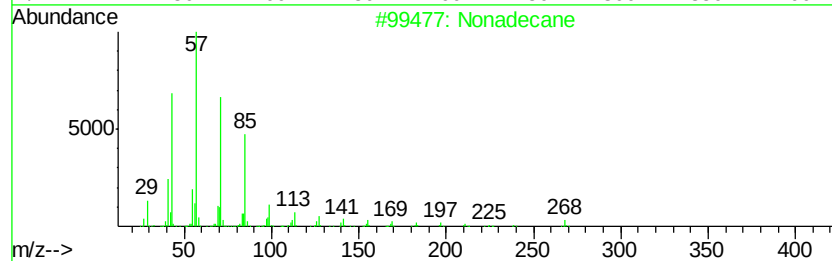
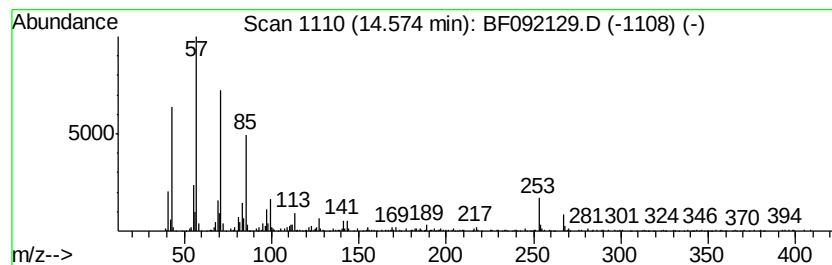
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	14.16 ng	448794	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Octacosane	394	C28H58	000630-02-4	93
3		Octadecane	254	C18H38	000593-45-3	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

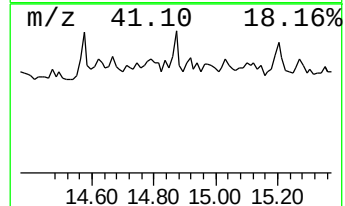
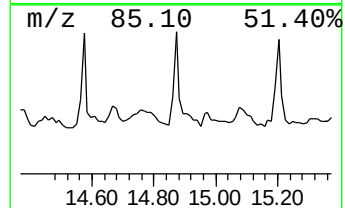
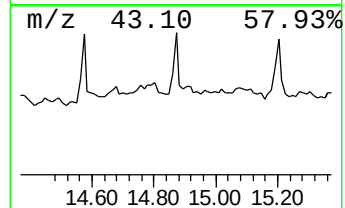
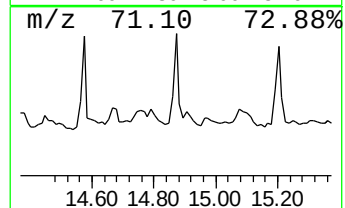
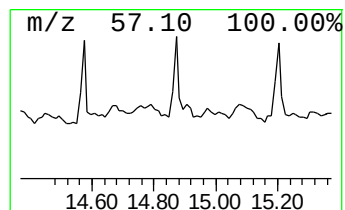
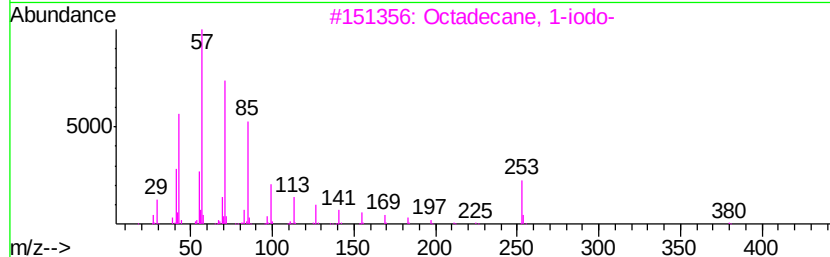
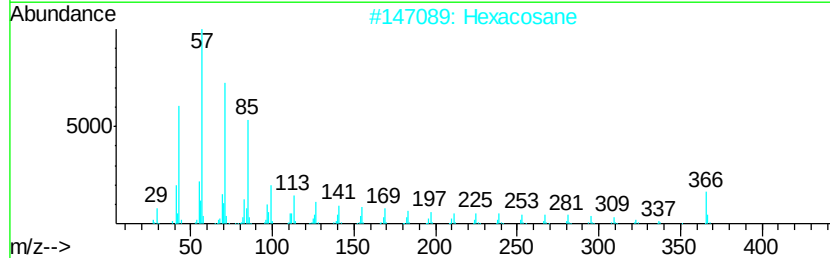
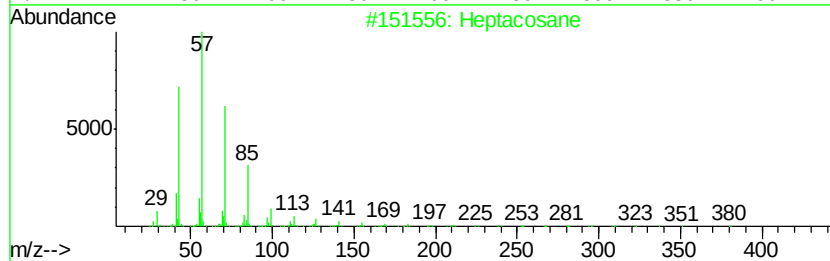
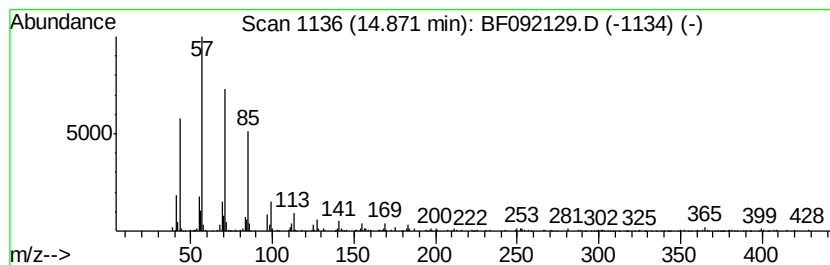
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	7.41 ng	234838	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

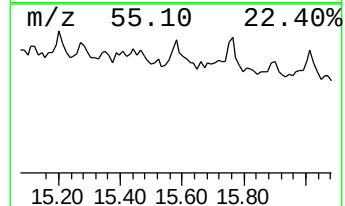
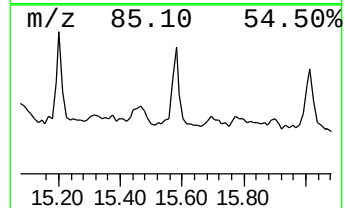
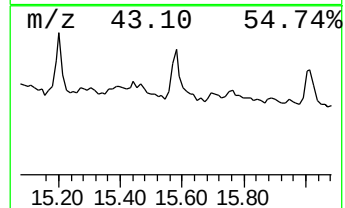
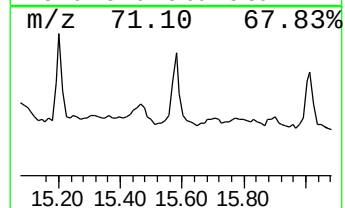
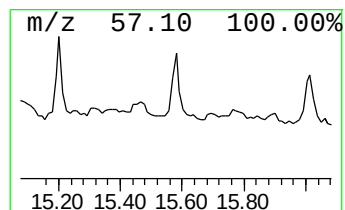
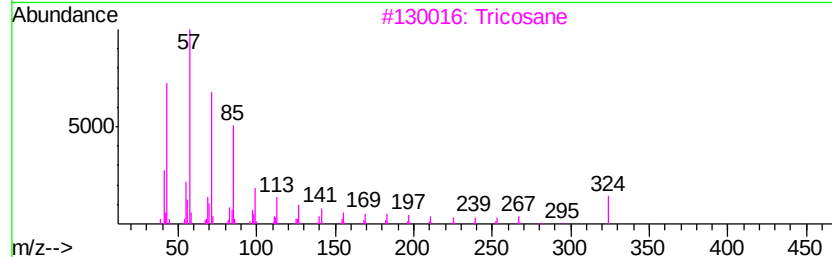
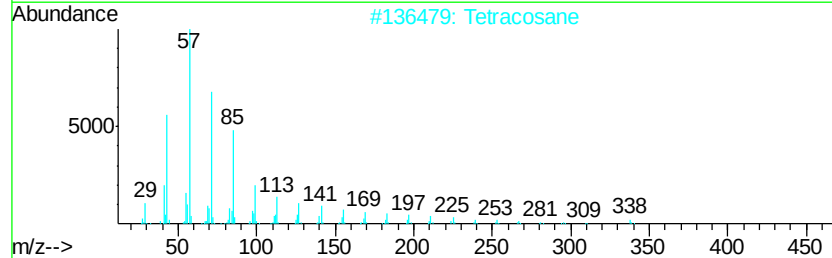
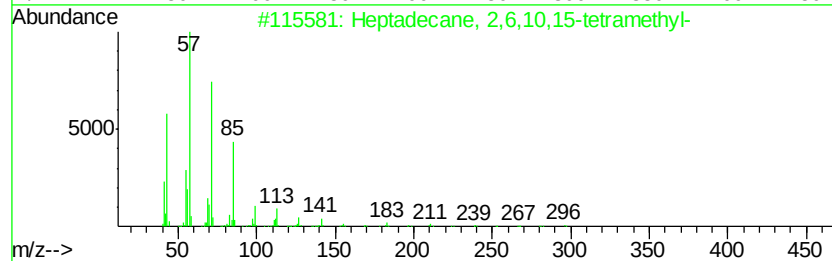
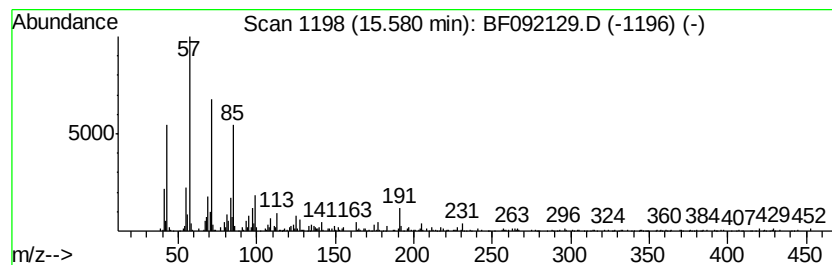
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	11.03 ng	349529	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2		Tetracosane	338	C24H50	000646-31-1	81
3		Tricosane	324	C23H48	000638-67-5	81
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

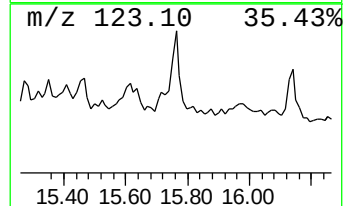
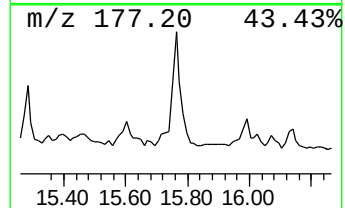
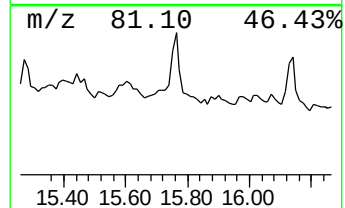
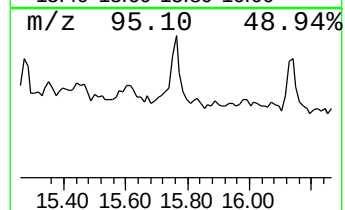
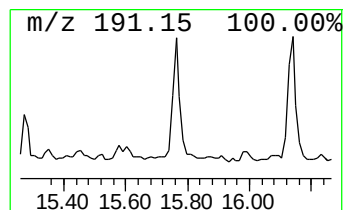
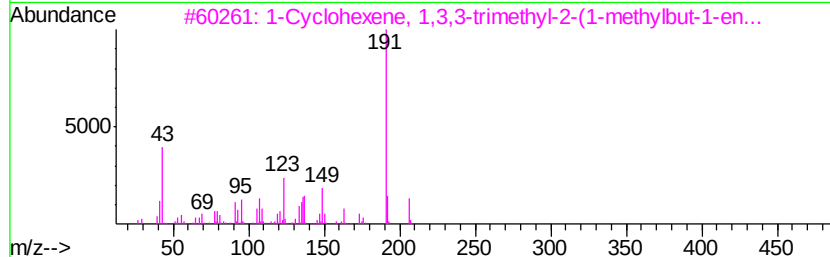
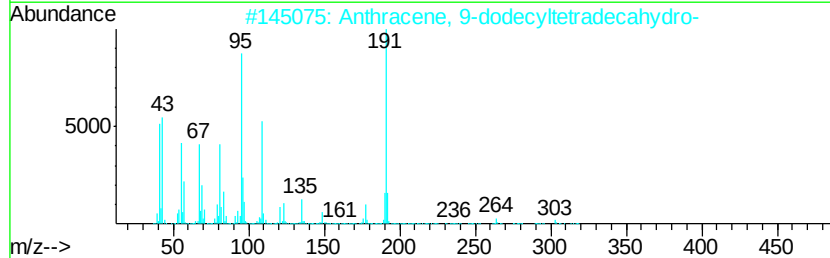
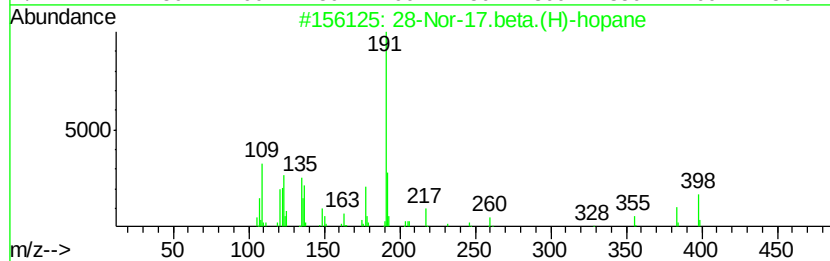
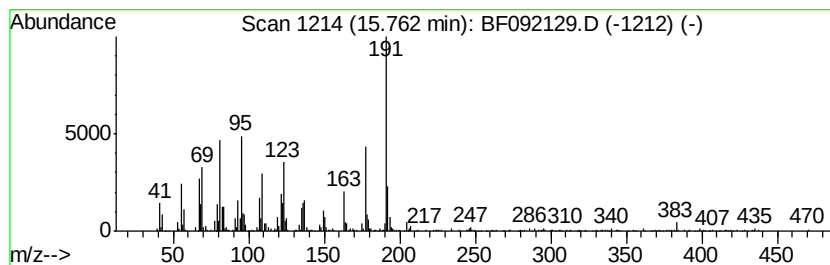
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 28-Nor-17.beta.(H)-hopane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	26.04 ng	825291	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	58
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	35
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	35
4		2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	32
5		3-Indolethamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092129.D
Acq On : 6 Jan 2017 20:55
Operator : UM/SJ
Sample : I1045-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RAP-SP1

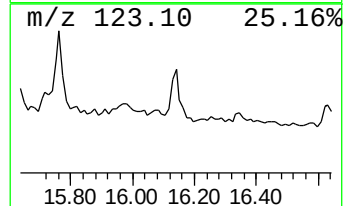
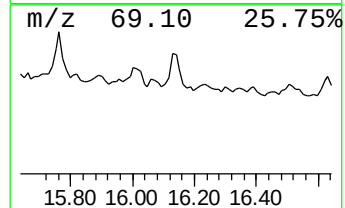
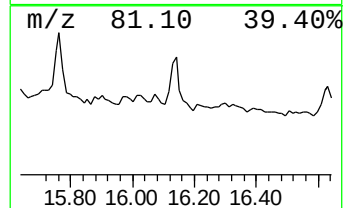
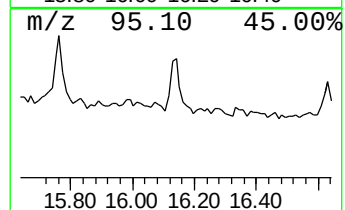
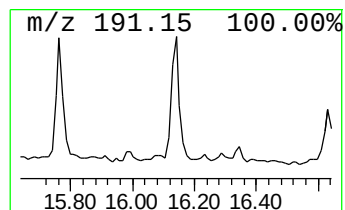
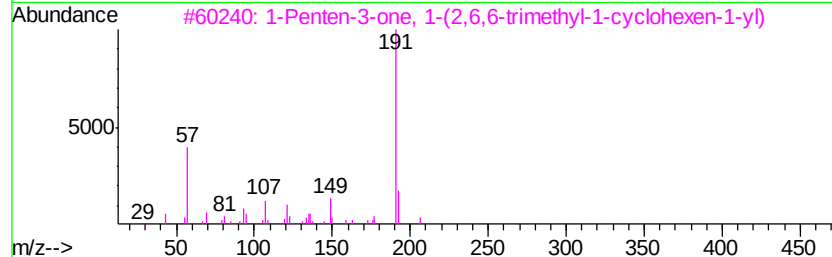
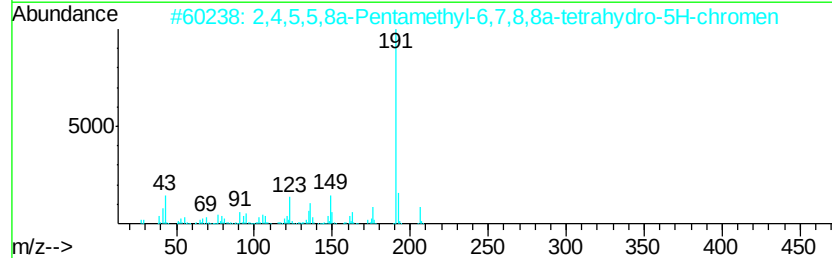
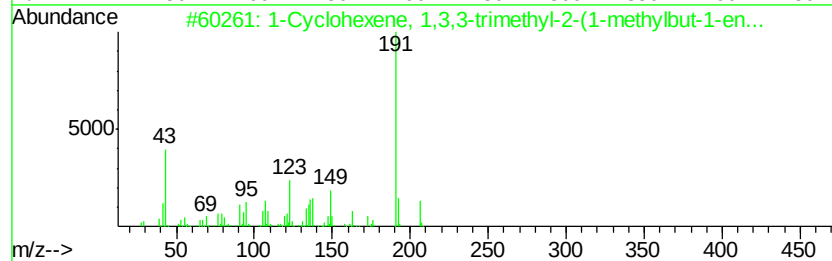
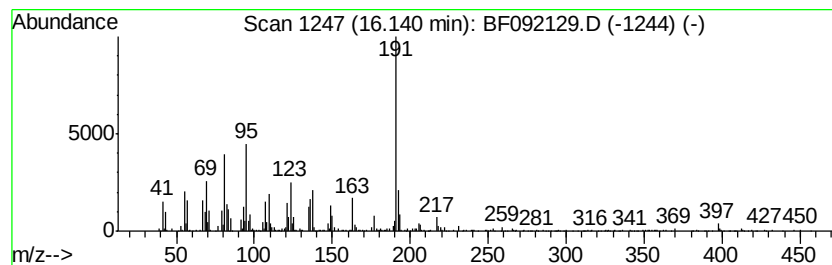
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Cyclohexene, 1,3,3-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	16.84 ng	533552	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	53
2		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
4		Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	38
5		5H-Benzo[def]carbazole	191	C14H9N	000203-65-6	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092129.D
 Acq On : 6 Jan 2017 20:55
 Operator : UM/SJ
 Sample : I1045-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.76	7.0	ng	334369	1	6.64	953823	20.0
unknown6.41	6.41	13.9	ng	665244	1	6.64	953823	20.0
Tridecane, 1-iodo-	11.88	3.2	ng	149354	4	11.16	931319	20.0
Phenanthrene, 2,5...	12.21	3.1	ng	143214	4	11.16	931319	20.0
unknown12.84	12.84	4.3	ng	282856	5	13.79	1317510	20.0
unknown13.07	13.07	5.3	ng	346238	5	13.79	1317510	20.0
Tetratriacontane	13.33	2.0	ng	133589	5	13.79	1317510	20.0
Naphthalene, 1-(p...	13.36	4.0	ng	265358	5	13.79	1317510	20.0
Heptadecane	13.66	3.3	ng	219305	5	13.79	1317510	20.0
Heneicosane	13.97	6.7	ng	442312	5	13.79	1317510	20.0
Heptadecane, 9-oc...	14.28	4.3	ng	283138	5	13.79	1317510	20.0
Nonadecane	14.57	14.2	ng	448794	6	15.16	633815	20.0
Heptacosane	14.87	7.4	ng	234838	6	15.16	633815	20.0
Heptadecane, 2,6,...	15.58	11.0	ng	349529	6	15.16	633815	20.0
28-Nor-17.beta.(H...	15.76	26.0	ng	825291	6	15.16	633815	20.0
1-Cyclohexene, 1,...	16.14	16.8	ng	533552	6	15.16	633815	20.0