

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086269.D
 Acq On : 16 Apr 2016 16:45
 Operator : UM/SJ
 Sample : H2413-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-A-1(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-BF041516.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	2.144	3	5	23	rVB	335814	822688	11.91%	1.313%
2	5.093	260	263	269	rBV	430907	720882	10.43%	1.151%
3	5.493	295	298	300	rBV	5931718	6908786	100.00%	11.029%
4	6.521	384	388	390	rBV	5632920	6574666	95.16%	10.496%
5	6.659	397	400	403	rBV	6005558	6572168	95.13%	10.492%
6	6.887	418	420	423	rBV	1409485	1744274	25.25%	2.785%
7	7.047	432	434	437	rVB	4797520	5270974	76.29%	8.415%
8	7.173	441	445	447	rVB3	27367	72936	1.06%	0.116%
9	7.459	467	470	472	rBV	4618985	4889753	70.78%	7.806%
10	7.527	475	476	481	rVB	52690	94241	1.36%	0.150%
11	7.904	506	509	510	rBV	71660	102796	1.49%	0.164%
12	8.179	531	533	535	rBV	2687474	2319788	33.58%	3.703%
13	9.253	624	627	630	rBV	5482326	6620468	95.83%	10.569%
14	9.653	660	662	664	rBV	562501	778592	11.27%	1.243%
15	9.870	679	681	683	rVB	189130	147225	2.13%	0.235%
16	9.928	684	686	688	rVV2	1953387	2139954	30.97%	3.416%
17	10.110	698	702	703	rBV2	42978	79359	1.15%	0.127%
18	10.373	721	725	726	rBV2	186426	274992	3.98%	0.439%
19	10.590	741	744	747	rVB	111347	167518	2.42%	0.267%
20	10.716	752	755	758	rBV	3308252	3391900	49.10%	5.415%
21	10.842	764	766	773	rVB	378785	407794	5.90%	0.651%
22	11.036	780	783	785	rBV2	40418	76232	1.10%	0.122%
23	11.288	803	805	806	rBV	165418	122740	1.78%	0.196%
24	11.413	814	816	817	rBV	2033499	1789403	25.90%	2.857%
25	11.436	817	818	819	rVB	147279	101033	1.46%	0.161%
26	11.471	819	821	824	rBV3	34347	69188	1.00%	0.110%
27	11.939	861	862	864	rBV	138323	133628	1.93%	0.213%
28	12.019	867	869	874	rVB2	39300	73309	1.06%	0.117%
29	12.625	920	922	923	rBV	199005	226728	3.28%	0.362%
30	12.854	938	942	943	rBV2	154922	334473	4.84%	0.534%
31	12.899	943	946	950	rVB4	37885	80604	1.17%	0.129%
32	13.002	952	955	957	rBV	4265288	4284620	62.02%	6.840%
33	13.528	999	1001	1004	rBV	54658	71755	1.04%	0.115%
34	13.905	1031	1034	1038	rBV3	160346	270085	3.91%	0.431%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(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-BF041516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.042	1043	1046	1052	rVV	1546753	1765684	25.56%	2.819%
36	14.534	1087	1089	1091	rBV2	73835	148743	2.15%	0.237%
37	14.899	1119	1121	1124	rVB	110200	138364	2.00%	0.221%
38	15.071	1133	1136	1141	rBV	142366	363400	5.26%	0.580%
39	15.357	1159	1161	1164	rBV	124487	177758	2.57%	0.284%
40	15.414	1164	1166	1169	rBV	89727	143193	2.07%	0.229%
41	15.482	1169	1172	1175	rBV	1179219	1482823	21.46%	2.367%
42	16.180	1231	1233	1238	rVB	124534	244733	3.54%	0.391%
43	16.602	1268	1270	1276	rVB	98091	198099	2.87%	0.316%
44	17.163	1317	1319	1323	rVB3	58986	107022	1.55%	0.171%
45	19.471	1519	1521	1524	rBV4	59476	135567	1.96%	0.216%

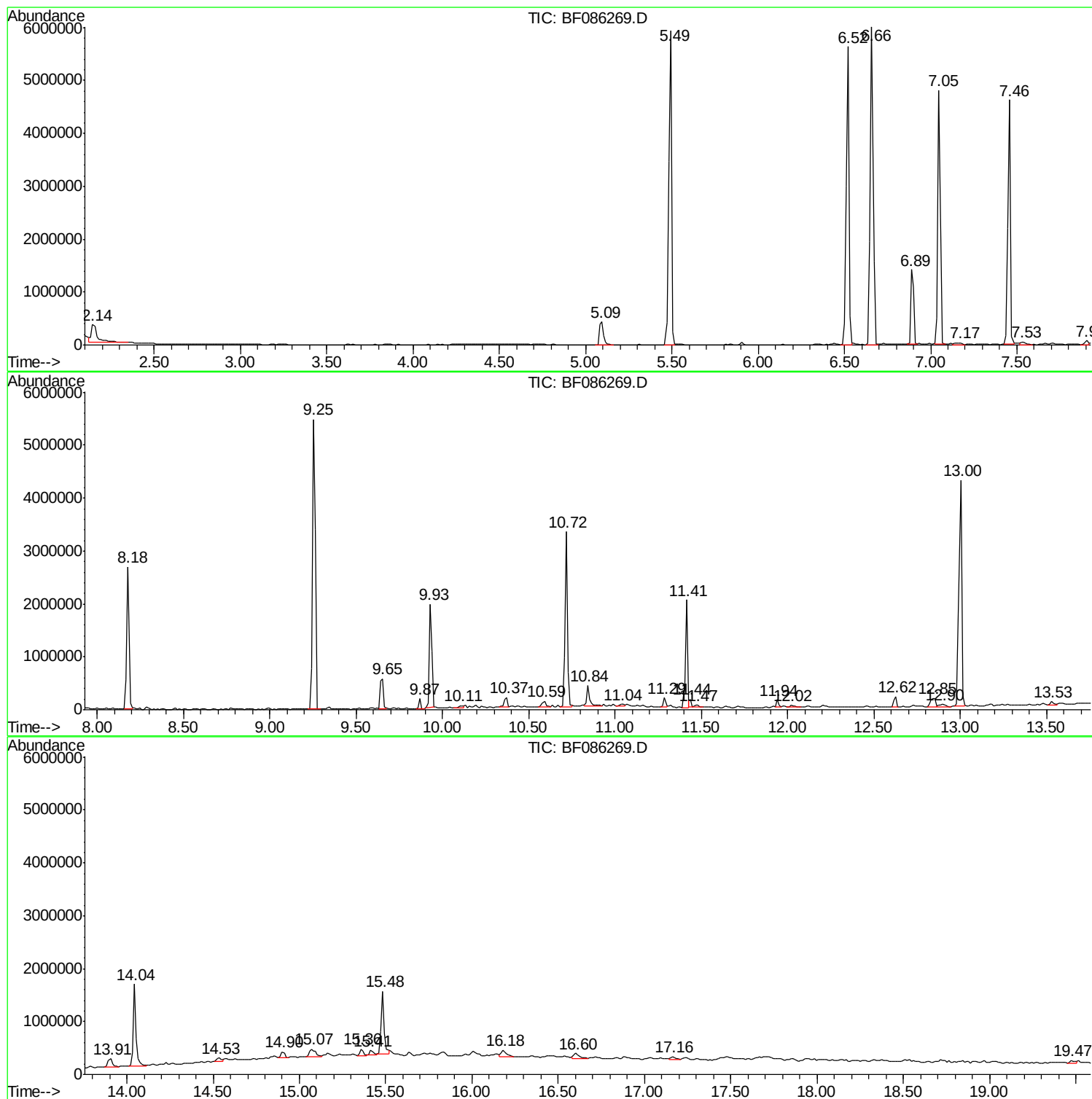
Sum of corrected areas: 62640938

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

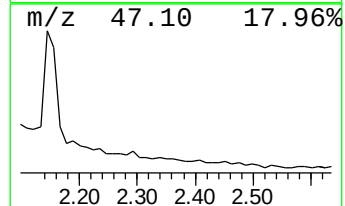
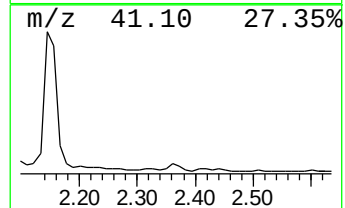
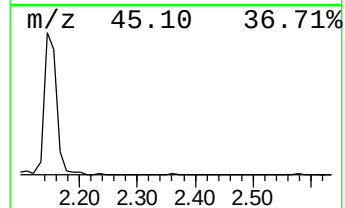
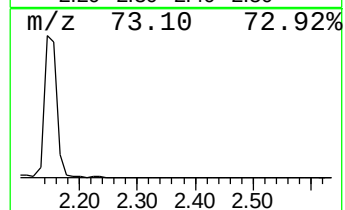
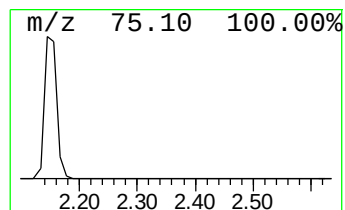
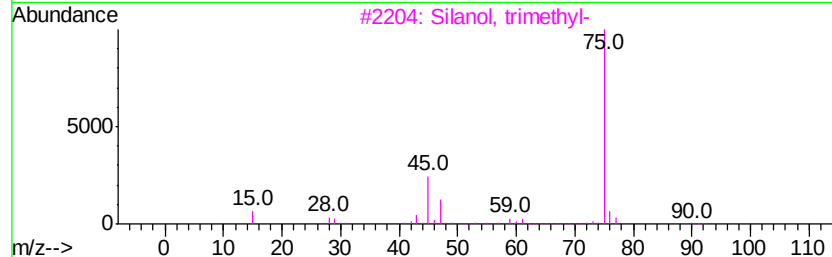
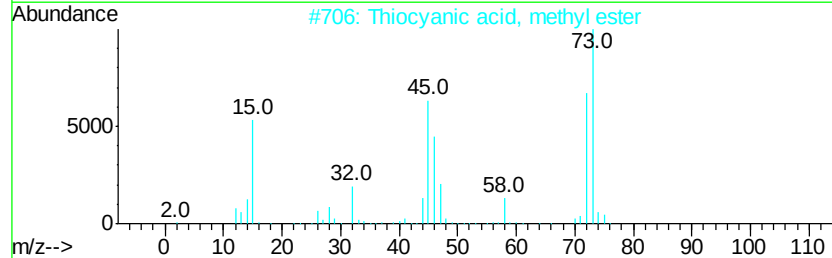
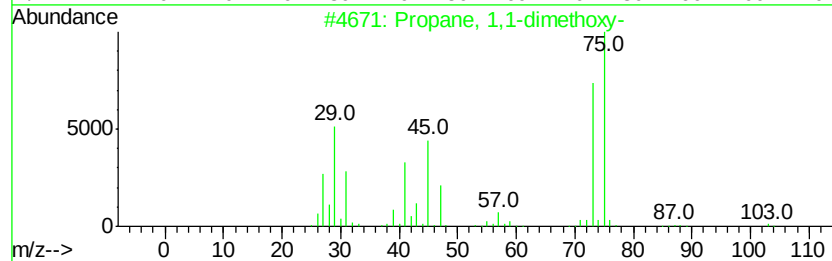
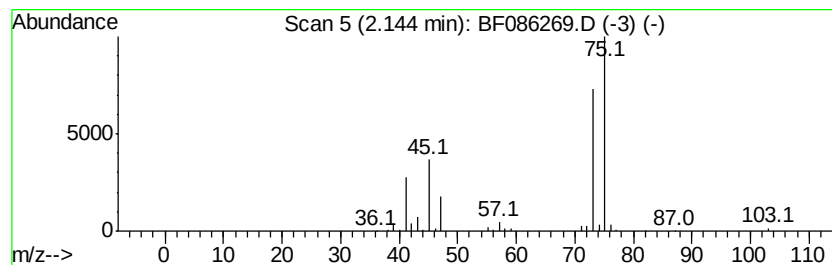
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	9.43 ng	822688	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2			Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
3			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			1-Cyclohexyl-3-ethoxy-butan-2-one	198	C12H22O2	074897-69-1	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

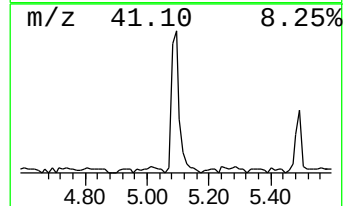
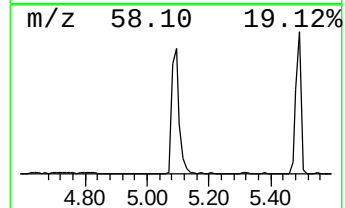
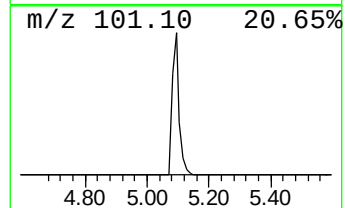
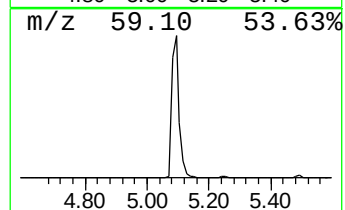
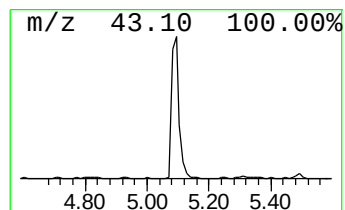
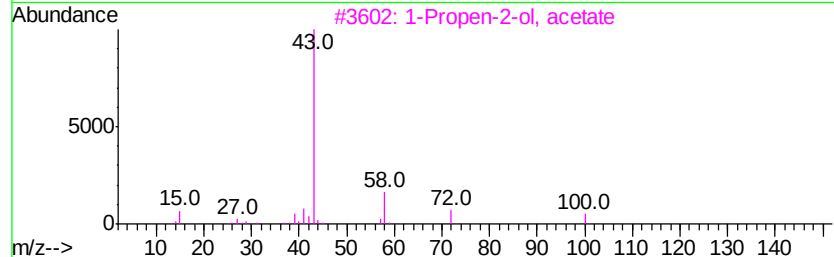
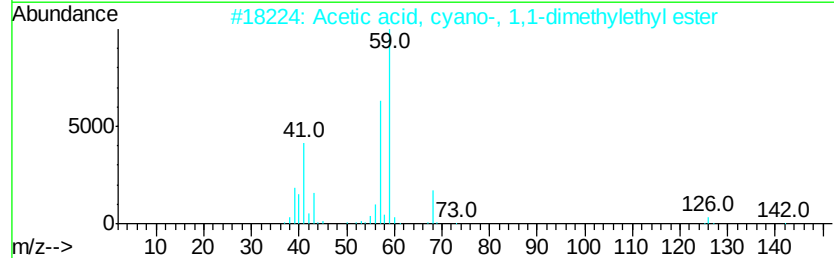
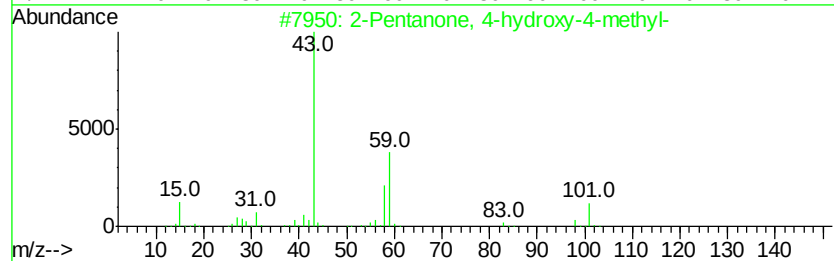
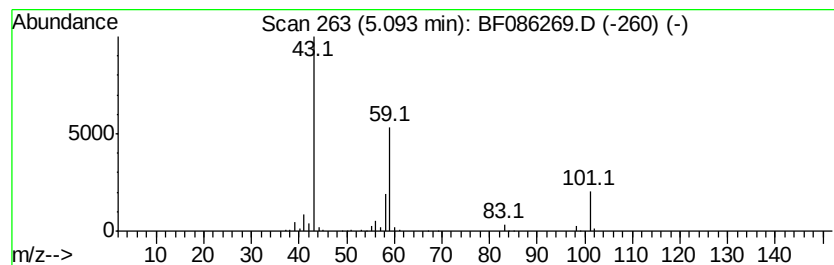
Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.09	8.27 ng	720882	1,4-Dichlorobenzene-d4	6.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetone	58	C3H6O	000067-64-1	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

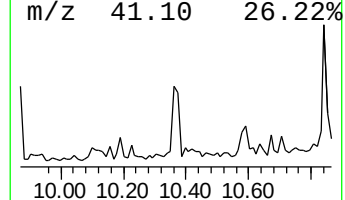
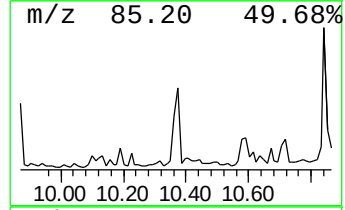
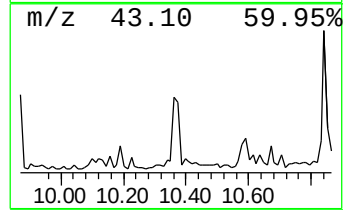
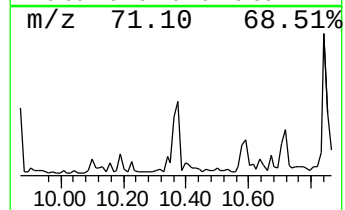
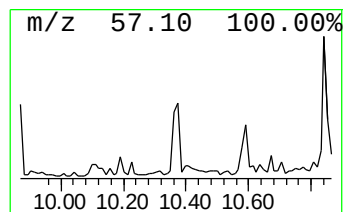
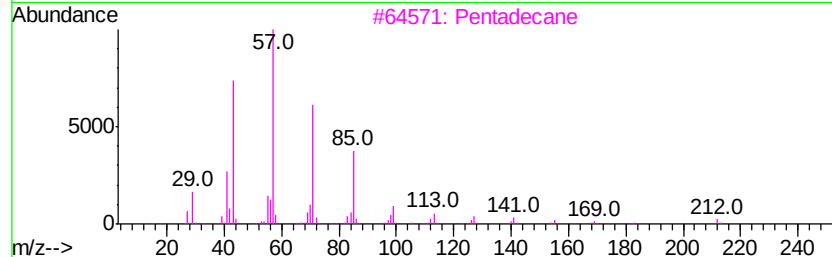
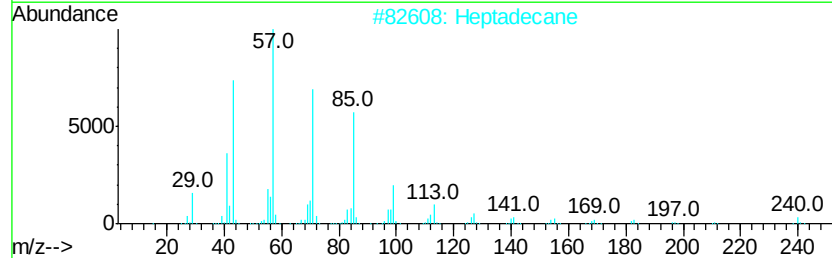
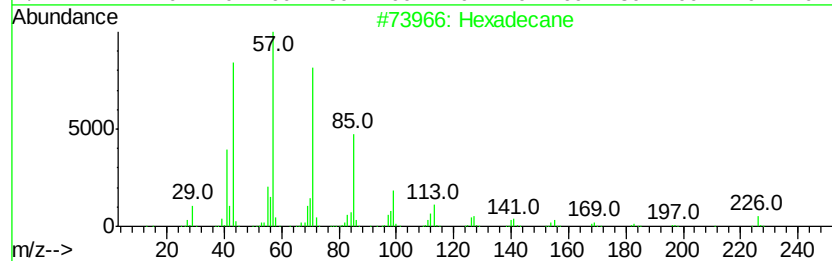
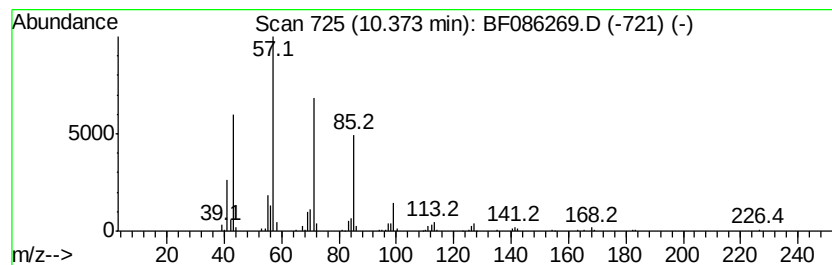
Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.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 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.37	2.57 ng	274992	Acenaphthene-d10		9.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	93
2	Heptadecane		240	C17H36	000629-78-7	91
3	Pentadecane		212	C15H32	000629-62-9	90
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	90
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

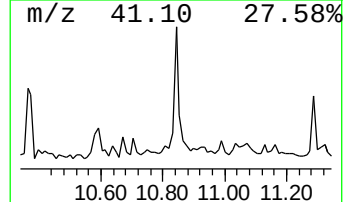
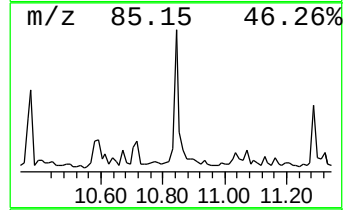
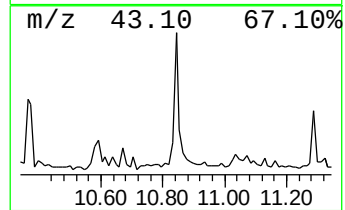
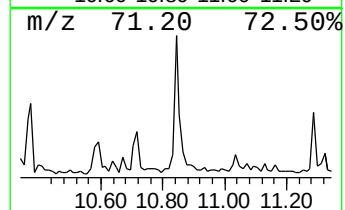
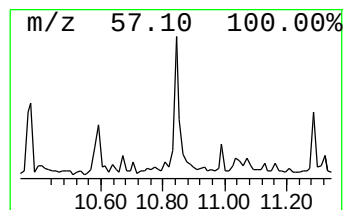
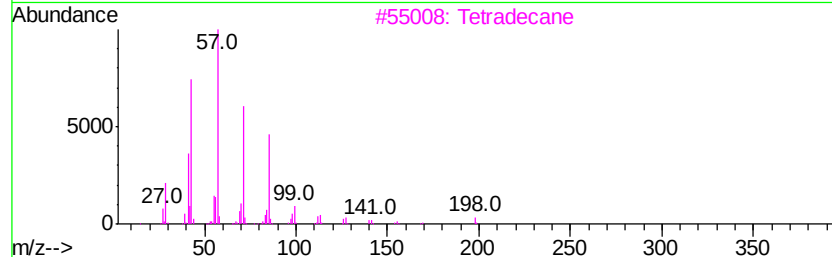
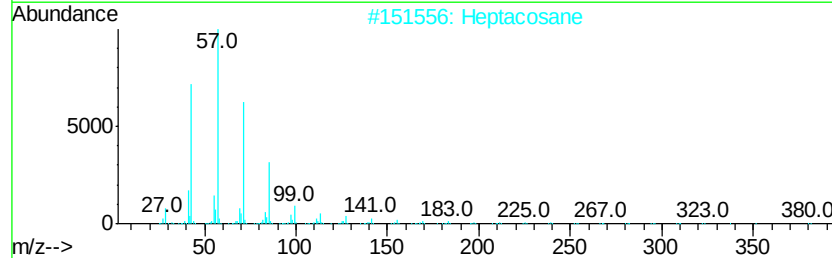
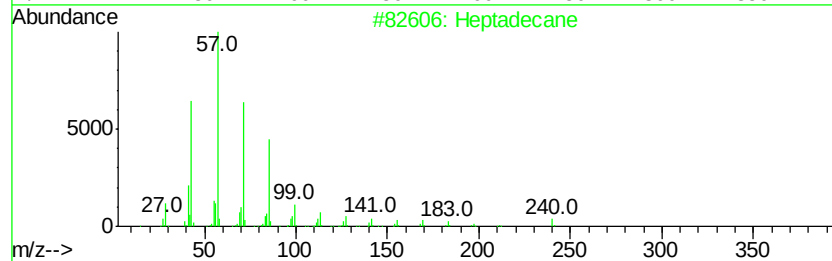
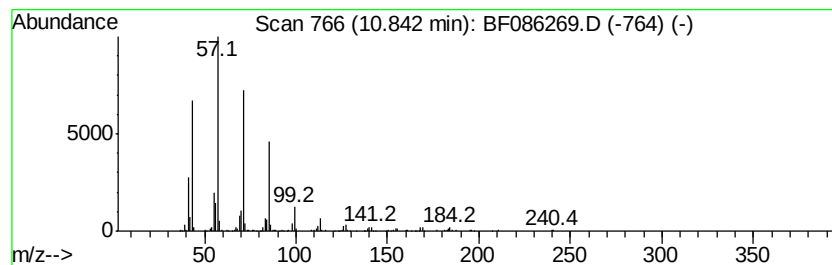
Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.84	4.56 ng	407794	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

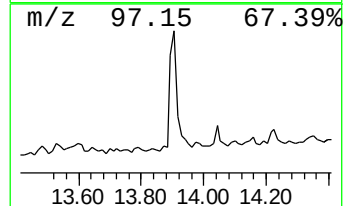
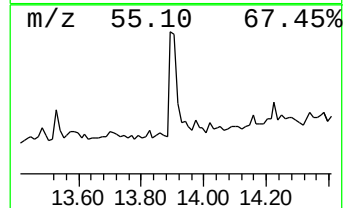
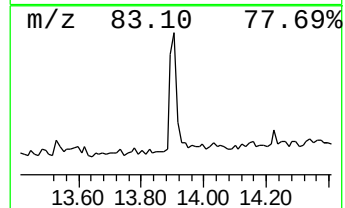
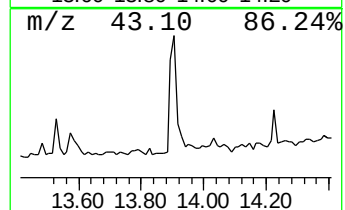
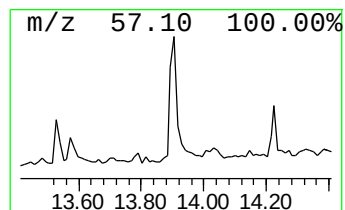
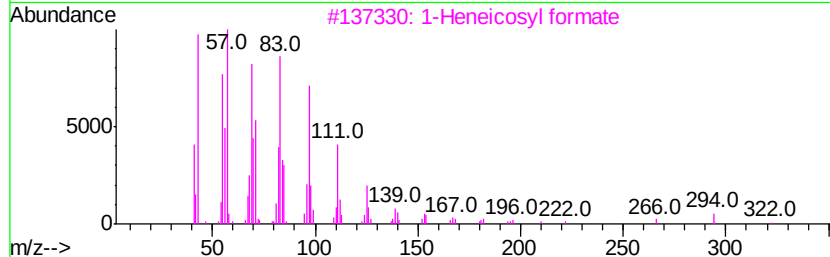
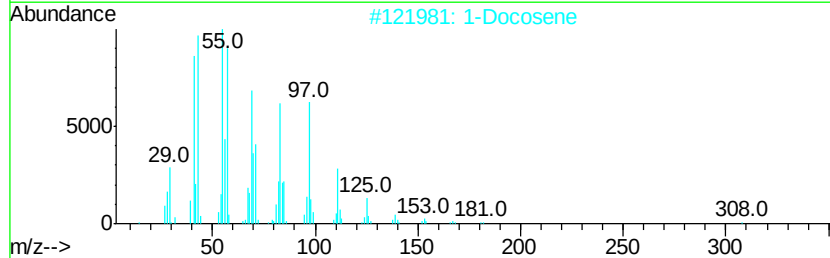
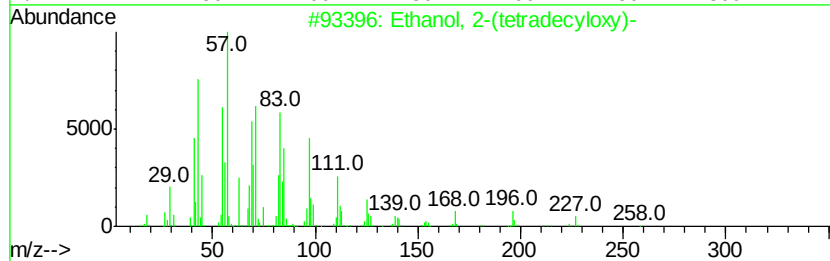
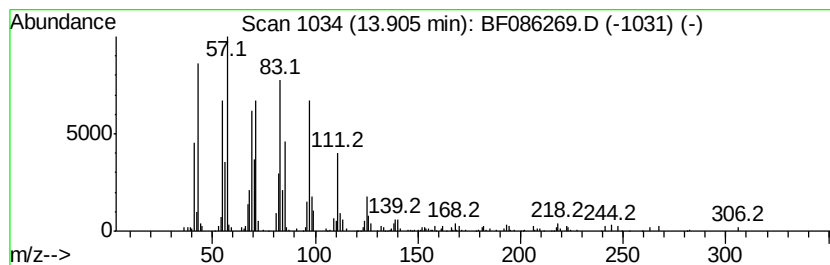
Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.91	3.06 ng	270085	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	1-Docosene	308	C22H44	001599-67-3	87
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	76
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	74
5	1-Nonadecene	266	C19H38	018435-45-5	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

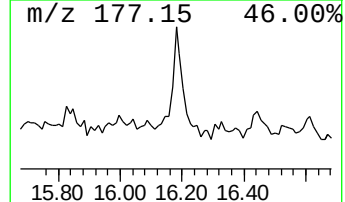
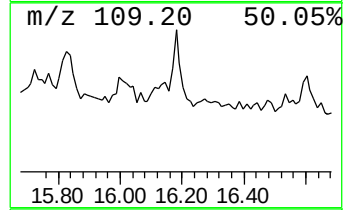
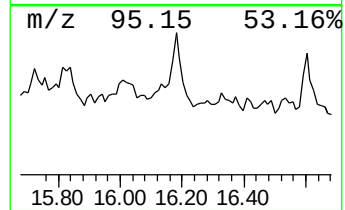
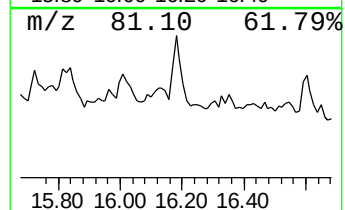
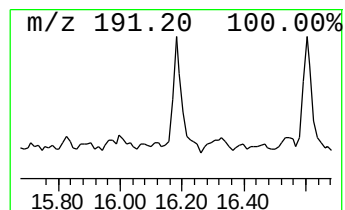
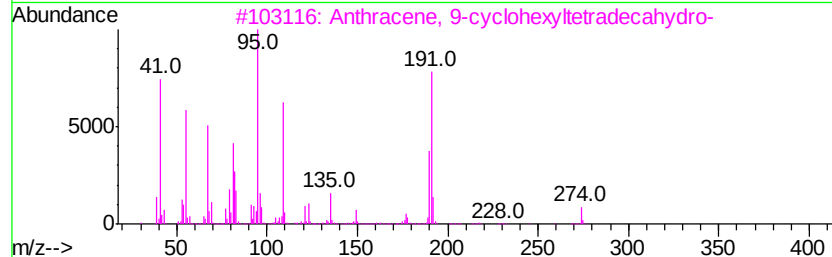
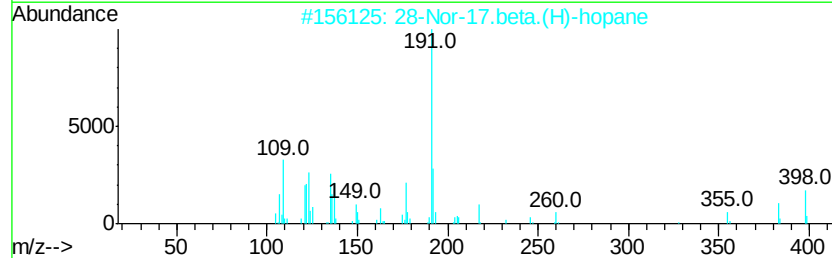
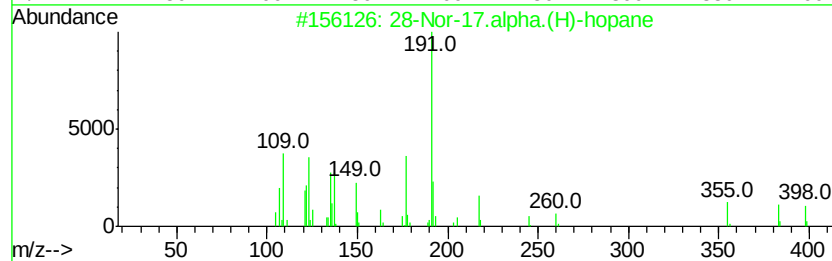
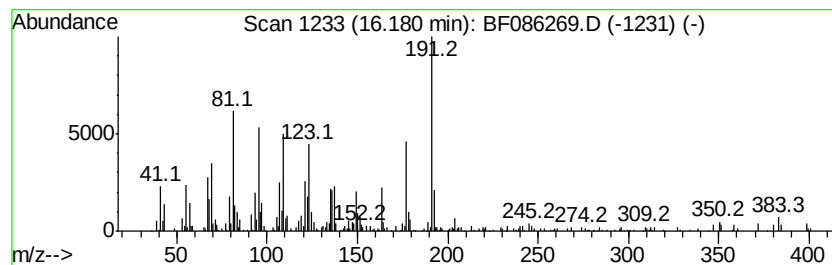
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 28-Nor-17.alpha.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	3.30 ng	244733	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	70
2		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	53
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	43
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
5		Anthracene, 9-dodecyltetradeca...	360	C26H48	055401-75-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

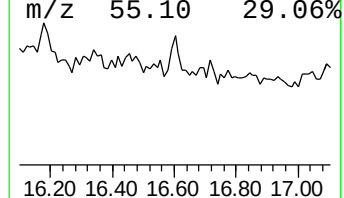
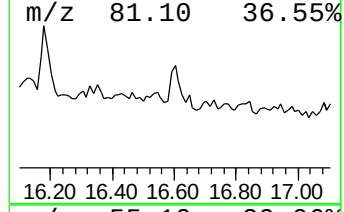
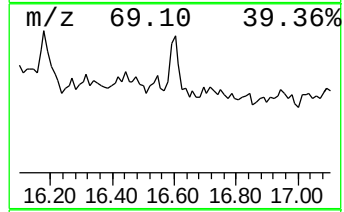
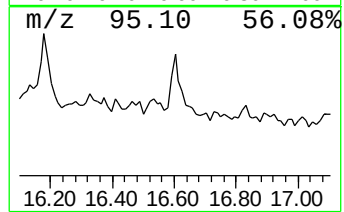
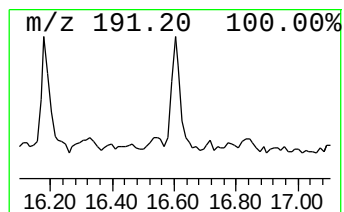
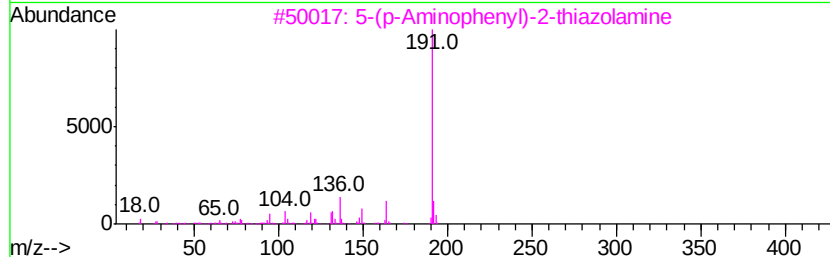
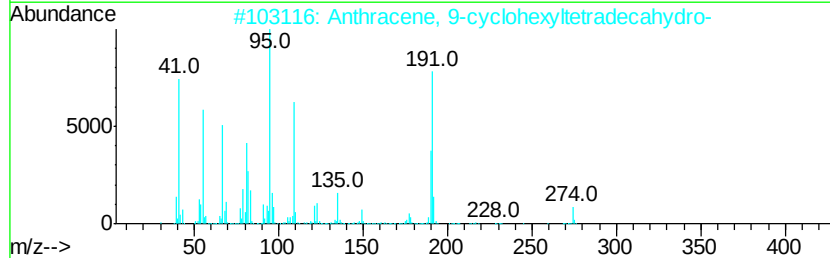
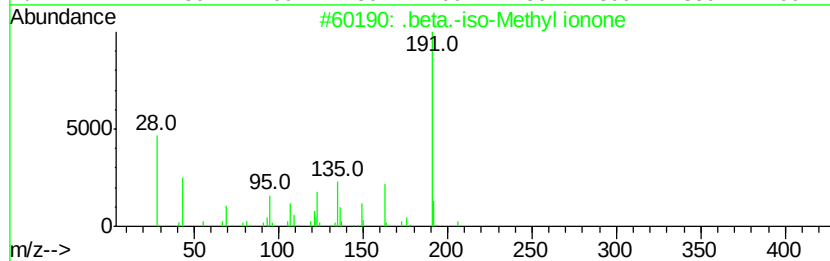
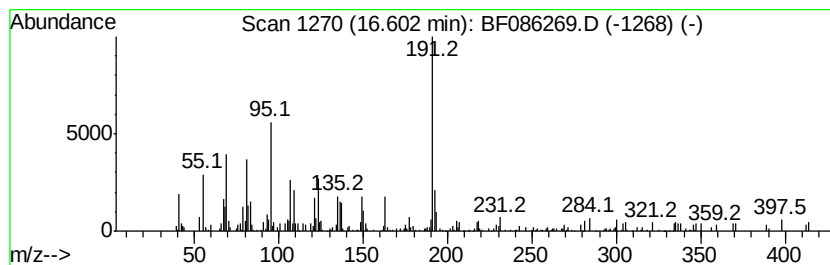
Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.60 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.67 ng	198099	Perylene-d12	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2 43
2		Anthracene, 9-cyclohexyltetradec...	274 C20H34	055255-70-4 40
3		5-(p-Aminophenyl)-2-thiazolamine	191 C9H9N3S	090349-87-4 38
4		5-Hexen-1-one, 1-(1H-imidazol-4-...	192 C11H16N2O	069393-41-5 38
5		1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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
Propane, 1,1-dime...	2.14	9.4	ng	822688	1	6.90	1744270	20.0
2-Pentanone, 4-hy...	5.09	8.3	ng	720882	1	6.90	1744270	20.0
Hexadecane	10.37	2.6	ng	274992	3	9.93	2139950	20.0
Heptadecane	10.84	4.6	ng	407794	4	11.41	1789400	20.0
Ethanol, 2-(tetra...	13.91	3.1	ng	270085	5	14.04	1765680	20.0
28-Nor-17.alpha.(...	16.18	3.3	ng	244733	6	15.48	1482820	20.0
unknown16.60	16.60	2.7	ng	198099	6	15.48	1482820	20.0