

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086242.D
 Acq On : 16 Apr 2016 4:12
 Operator : UM/SJ
 Sample : H2471-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSh8

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	2.167	5	7	25	rVB	278116	630433	10.19%	1.085%
2	5.093	260	263	268	rBV	227936	335525	5.42%	0.578%
3	5.493	295	298	300	rBV	5369958	5889362	95.21%	10.138%
4	6.522	384	388	390	rBV	5180913	6185732	100.00%	10.648%
5	6.659	397	400	402	rBV	5526661	5565189	89.97%	9.580%
6	6.887	418	420	423	rBV	1463715	1755576	28.38%	3.022%
7	7.047	432	434	437	rBV	4548337	4117385	66.56%	7.087%
8	7.459	467	470	472	rBV	3499485	4184542	67.65%	7.203%
9	7.539	474	477	484	rVB	123830	151656	2.45%	0.261%
10	8.179	530	533	535	rBV	2727462	2429130	39.27%	4.181%
11	9.253	624	627	630	rBV	5207814	5383243	87.03%	9.266%
12	9.653	660	662	664	rBV	853223	978735	15.82%	1.685%
13	9.871	679	681	683	rBV	219020	174924	2.83%	0.301%
14	9.928	684	686	689	rVB2	2177049	2506308	40.52%	4.314%
15	10.099	699	701	703	rBV2	39575	69010	1.12%	0.119%
16	10.373	721	725	726	rBV	239387	324200	5.24%	0.558%
17	10.591	741	744	747	rBV	112650	184401	2.98%	0.317%
18	10.716	752	755	758	rVV	3258390	3380924	54.66%	5.820%
19	10.842	764	766	773	rVB	365689	422984	6.84%	0.728%
20	11.036	781	783	785	rBV	45751	69037	1.12%	0.119%
21	11.288	803	805	807	rBV	209286	183319	2.96%	0.316%
22	11.414	814	816	818	rBV	2818593	2599099	42.02%	4.474%
23	11.482	819	822	828	rVB2	56294	127590	2.06%	0.220%
24	11.711	841	842	846	rVB	64173	74493	1.20%	0.128%
25	11.939	861	862	864	rBV	91433	86430	1.40%	0.149%
26	12.019	868	869	874	rVB	42610	80873	1.31%	0.139%
27	12.625	919	922	924	rBV	342144	382207	6.18%	0.658%
28	12.854	937	942	943	rBV3	268444	569770	9.21%	0.981%
29	12.877	943	944	949	rVB3	29844	63639	1.03%	0.110%
30	13.002	952	955	957	rBV	4743997	4854315	78.48%	8.356%
31	13.242	974	976	978	rBV	67994	68010	1.10%	0.117%
32	13.539	1000	1002	1004	rBV	70905	104703	1.69%	0.180%
33	13.585	1004	1006	1009	rVB	53106	82675	1.34%	0.142%
34	13.894	1031	1033	1038	rBV2	138140	233072	3.77%	0.401%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH8

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	1821306	2014456	32.57%	3.468%
36	14.225	1059	1062	1064	rBV	78593	76415	1.24%	0.132%
37	14.534	1087	1089	1090	rBV	55339	76983	1.24%	0.133%
38	15.071	1133	1136	1141	rVB	57070	145902	2.36%	0.251%
39	15.162	1141	1144	1147	rBV3	47998	79313	1.28%	0.137%
40	15.414	1164	1166	1169	rVB	51947	67612	1.09%	0.116%
41	15.483	1169	1172	1175	rBV	1092125	1384500	22.38%	2.383%

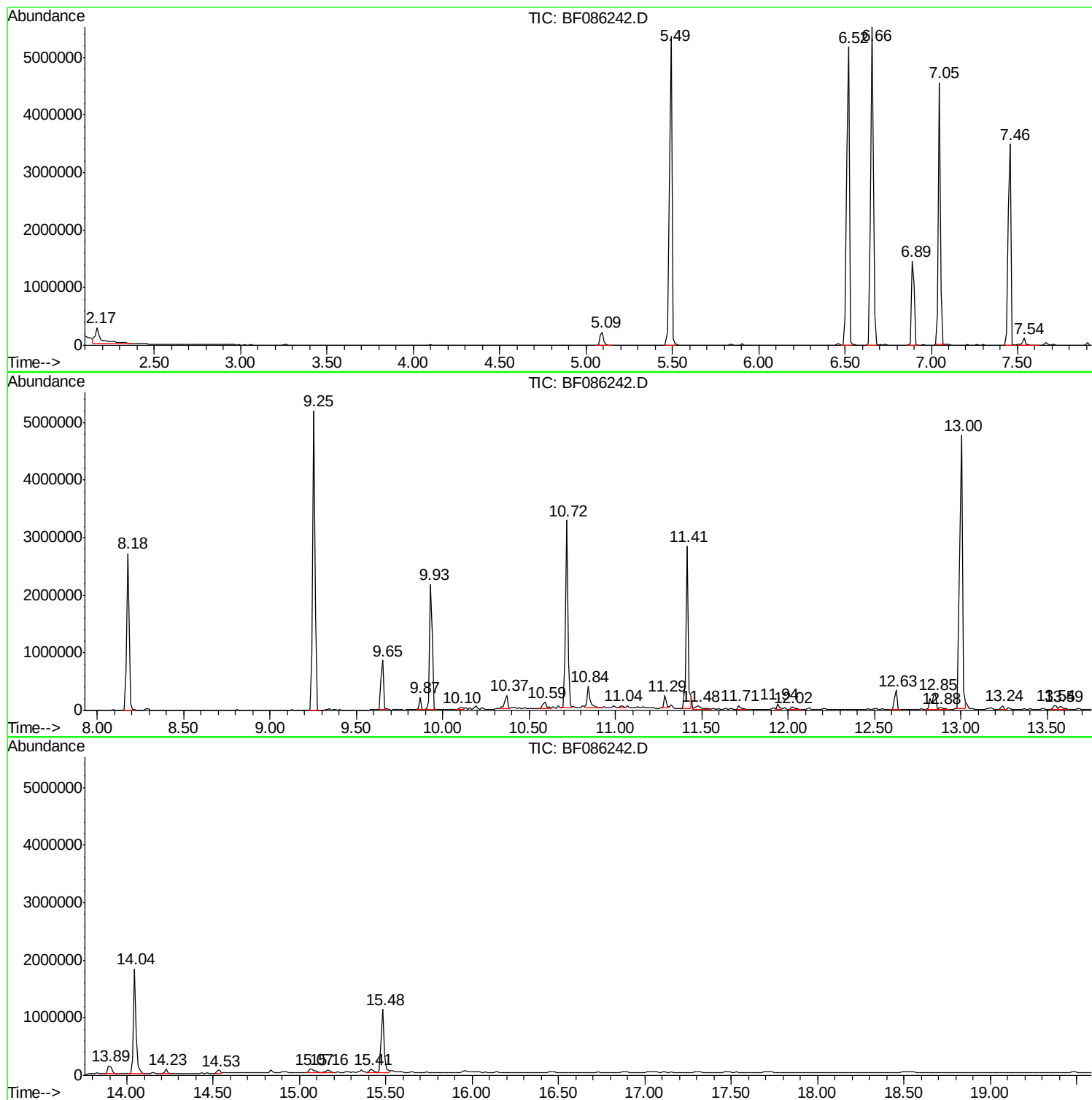
Sum of corrected areas: 58093672

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH8

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 : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH8

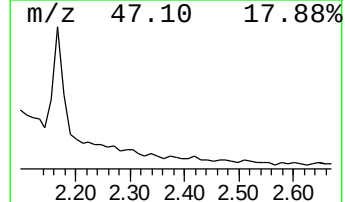
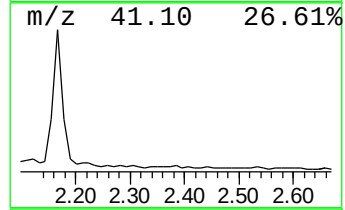
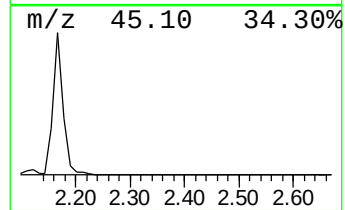
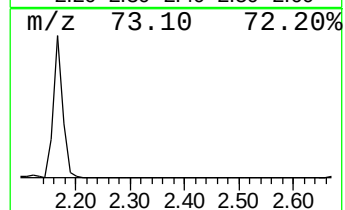
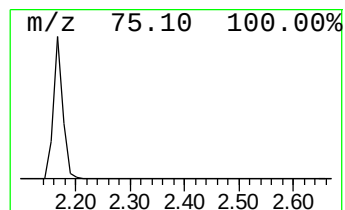
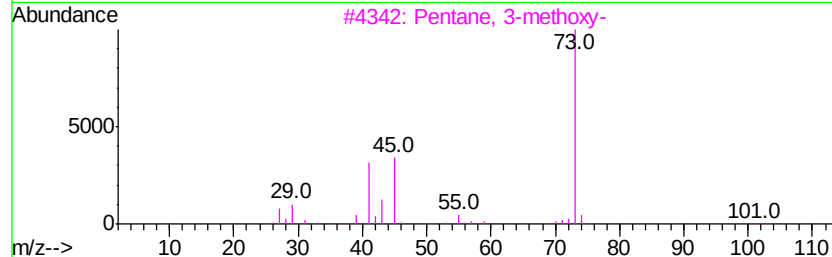
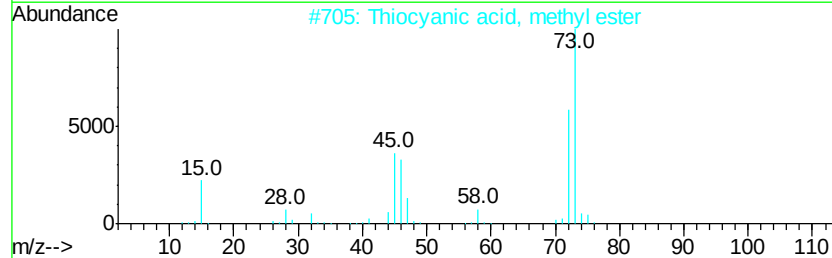
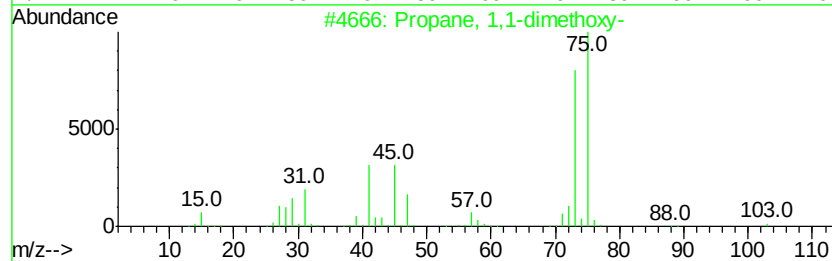
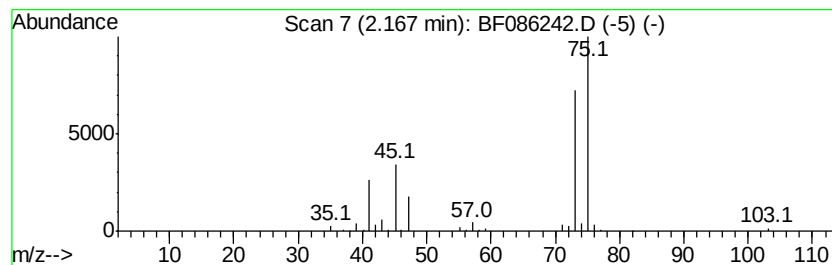
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.17	7.18 ng	630433	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2		Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	12
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4		2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9
5		Pentanoic acid, 2-hydroxy-, ethy...	146	C7H14O3	006938-26-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH8

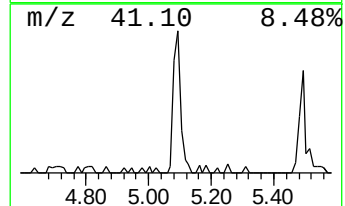
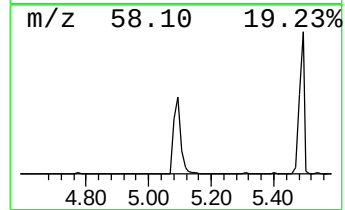
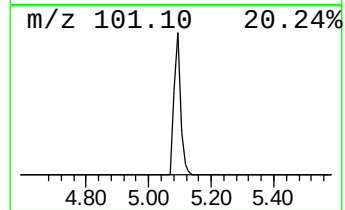
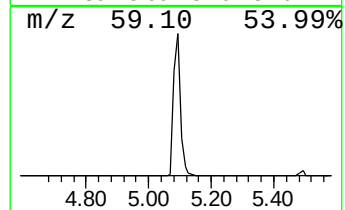
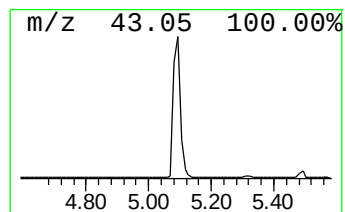
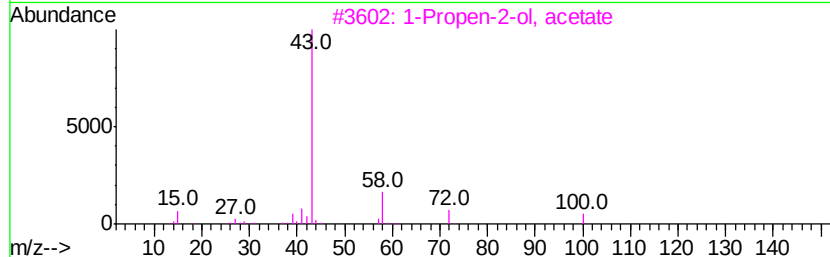
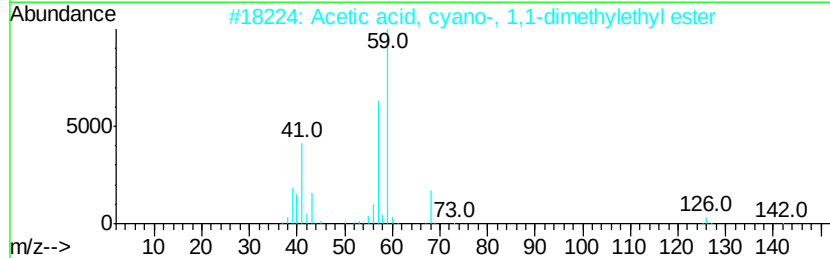
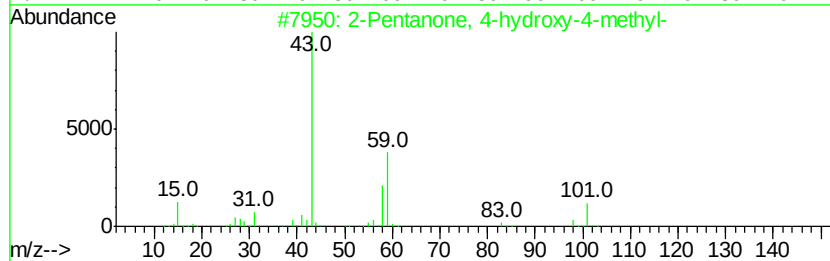
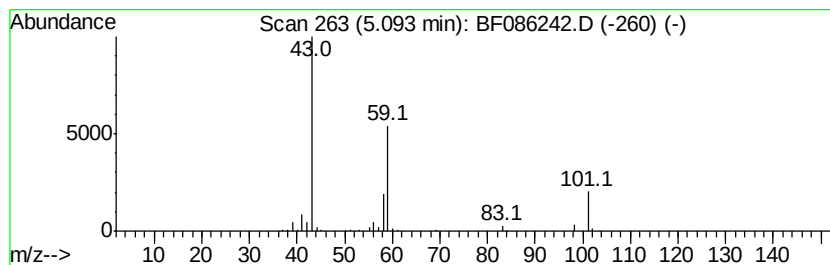
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	3.82 ng	335525	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH8

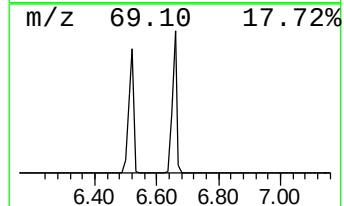
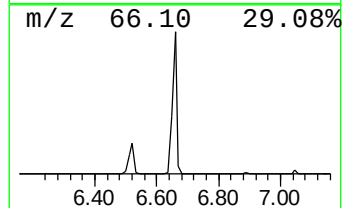
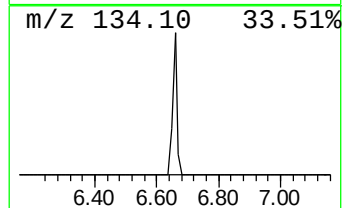
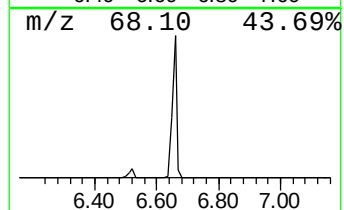
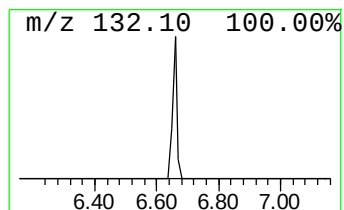
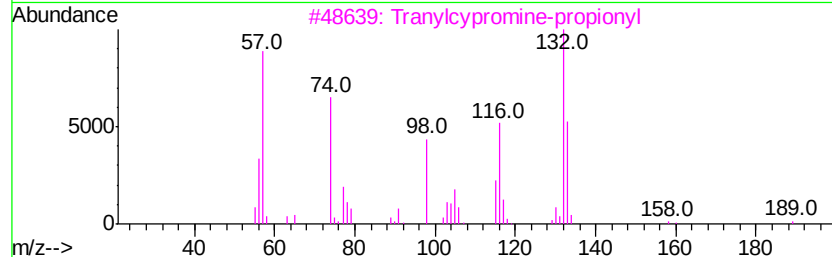
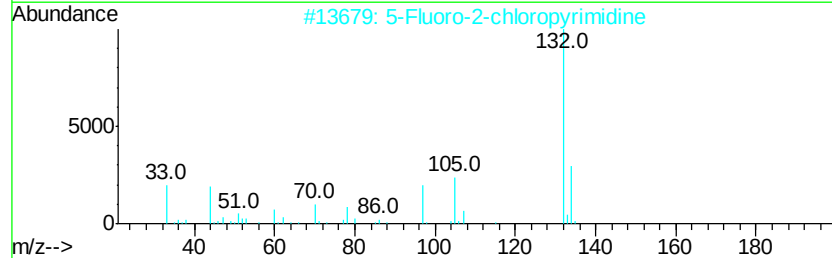
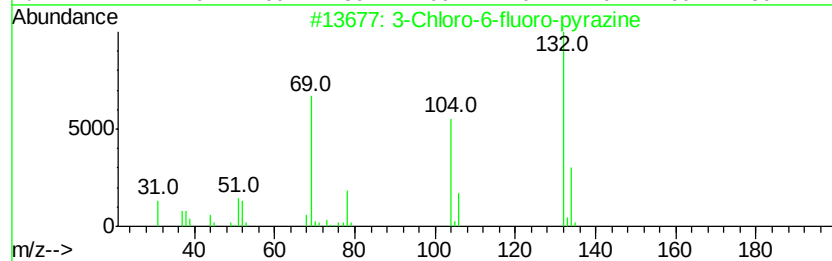
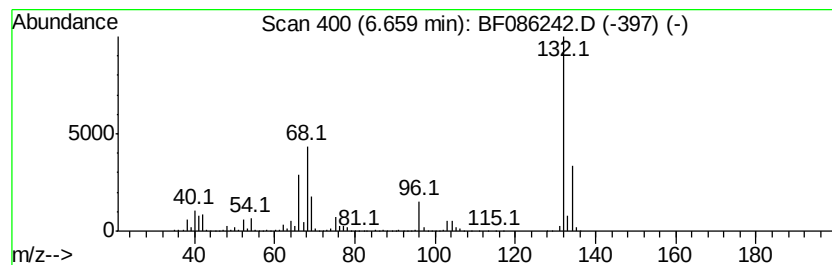
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	63.40 ng	5565190	1,4-Dichlorobenzene-d4	6.89

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

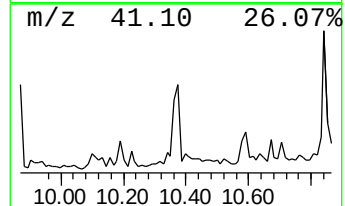
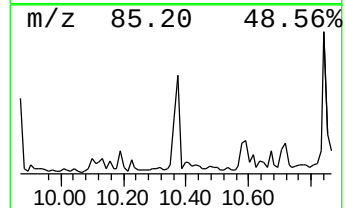
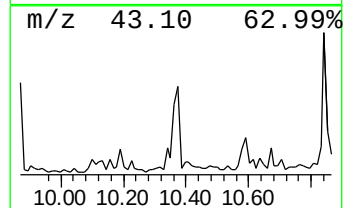
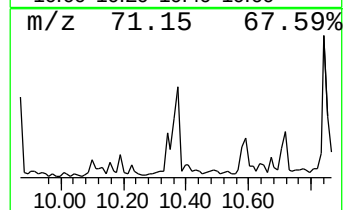
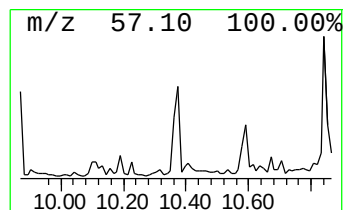
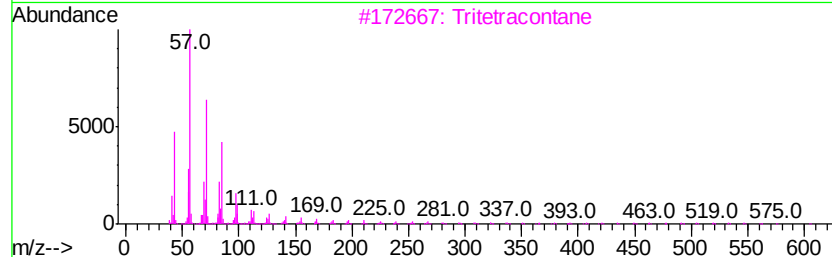
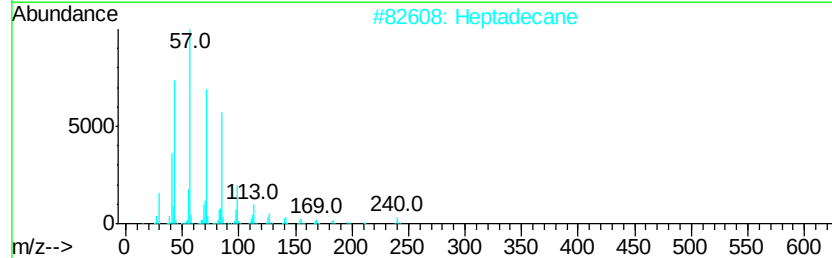
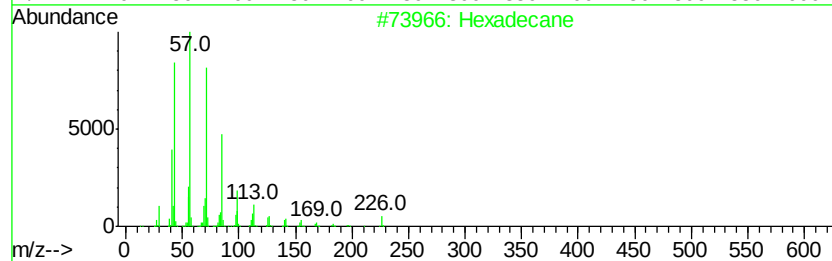
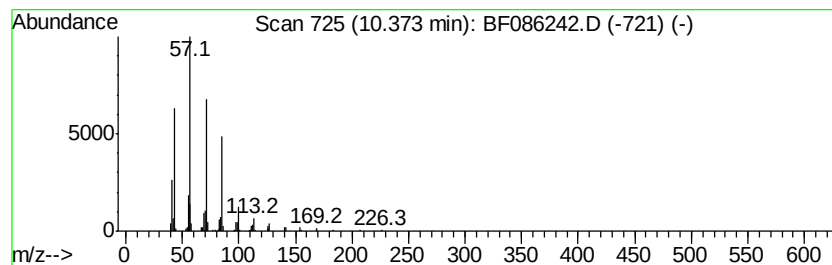
Instrument :
BNA_F
ClientSampleId :
CDMSH8

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 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.37	2.59 ng	324200	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Heneicosane	296	C21H44	000629-94-7	86
5	Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

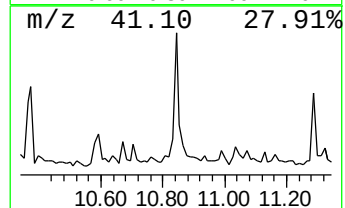
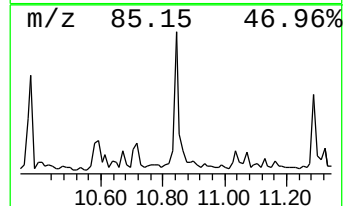
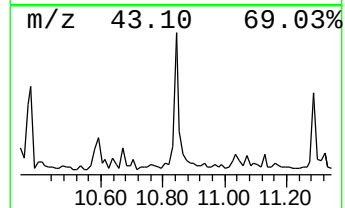
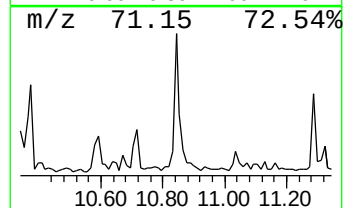
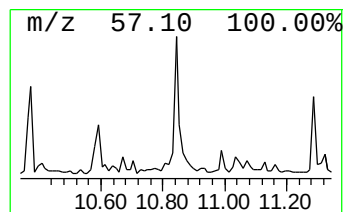
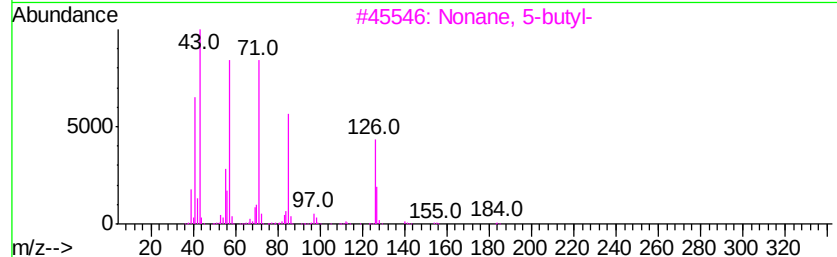
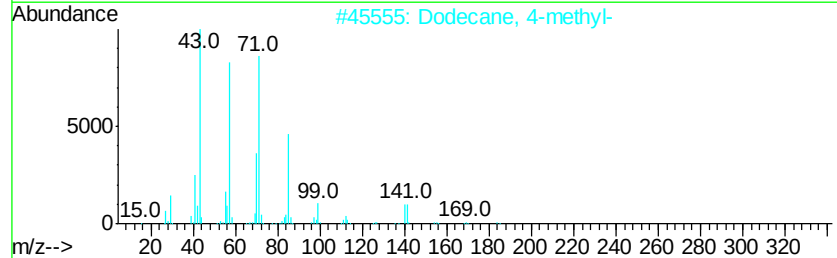
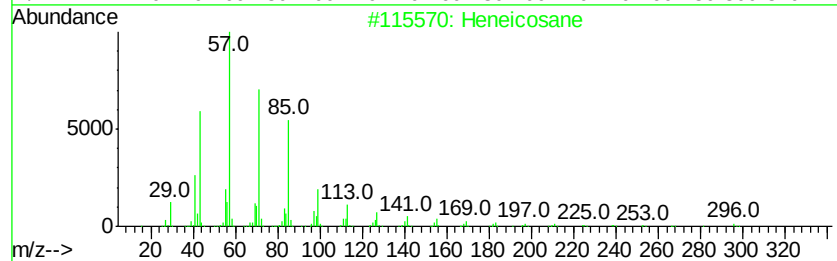
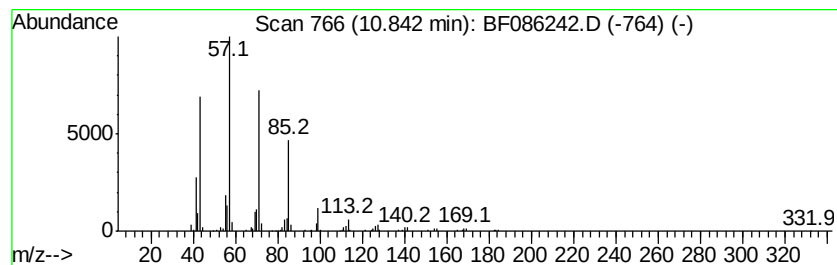
Instrument :
BNA_F
ClientSampleId :
CDMSH8

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 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	3.25 ng	422984	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH8

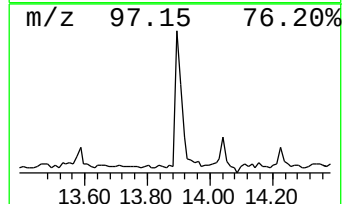
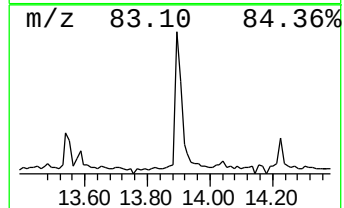
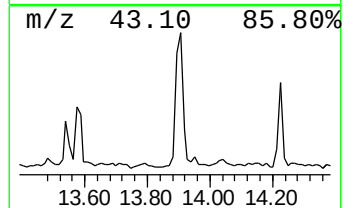
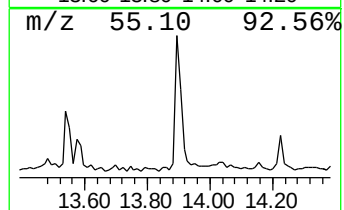
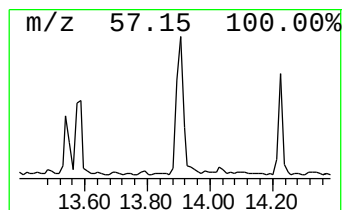
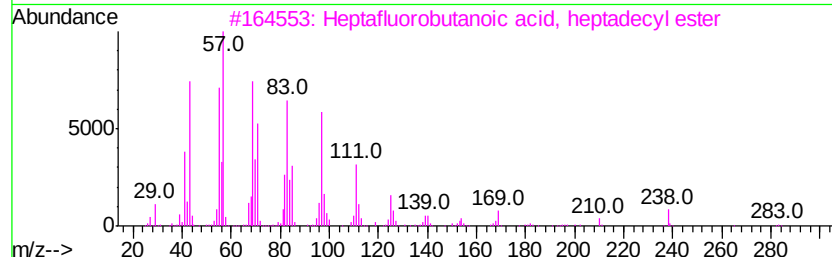
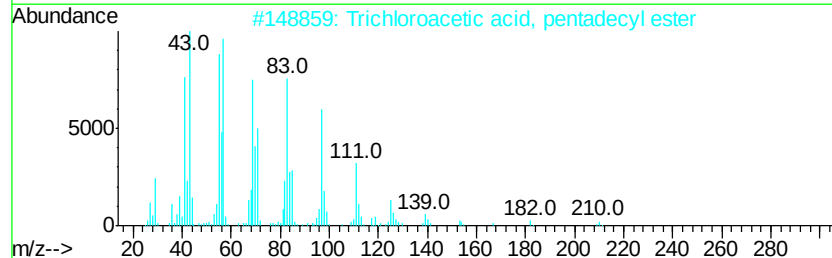
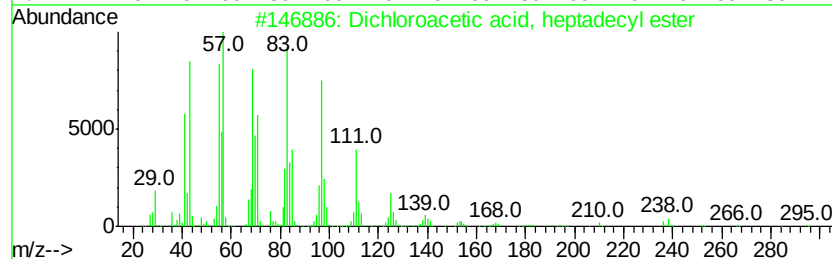
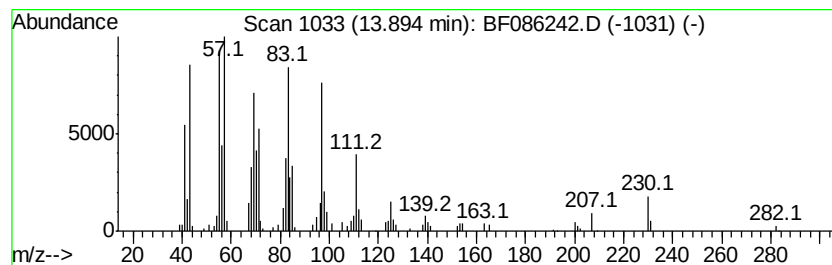
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dichloroacetic acid, heptad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.31 ng	233072	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH8

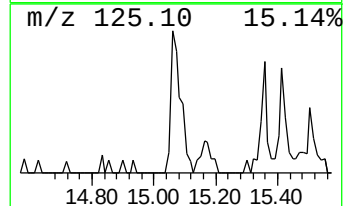
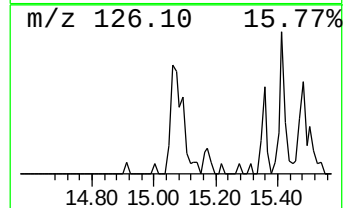
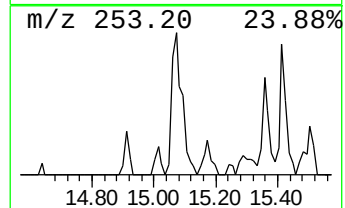
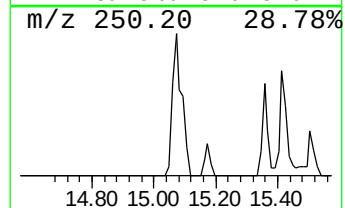
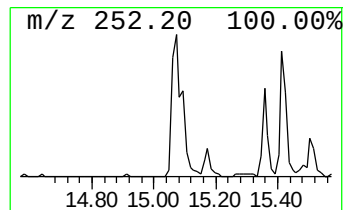
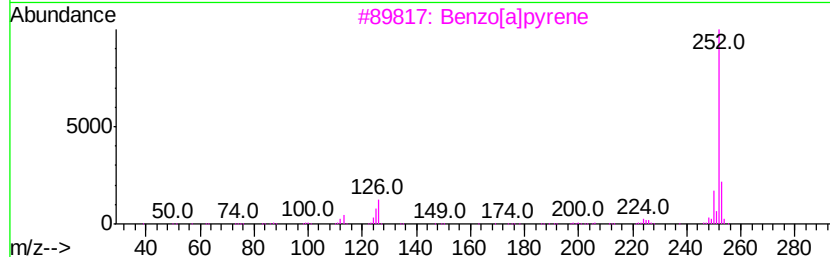
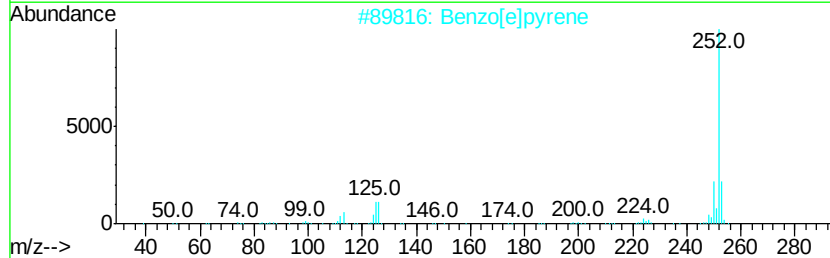
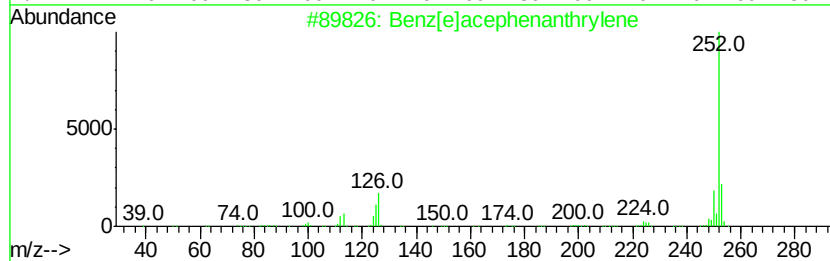
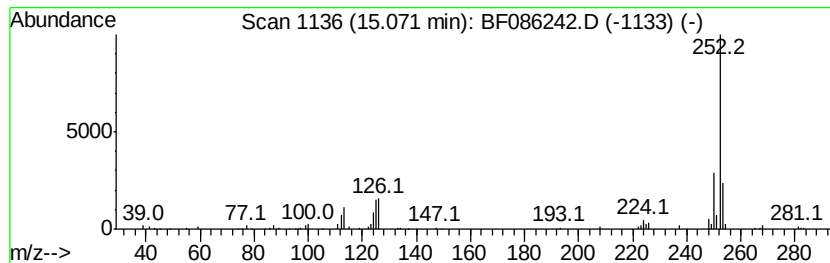
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benz[e]acephenanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.11 ng	145902	Perylene-d12	15.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2		Benzo[e]pyrene	252	C20H12	000192-97-2	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Perylene	252	C20H12	000198-55-0	90
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086242.D
Acq On : 16 Apr 2016 4:12
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH8

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...	2.17	7.2	ng	630433	1	6.89	1755580	20.0
2-Pentanone, 4-hy...	5.09	3.8	ng	335525	1	6.89	1755580	20.0
unknown6.66	6.66	63.4	ng	5565190	1	6.89	1755580	20.0
Hexadecane	10.37	2.6	ng	324200	3	9.93	2506310	20.0
Heneicosane	10.84	3.3	ng	422984	4	11.41	2599100	20.0
Dichloroacetic ac...	13.89	2.3	ng	233072	5	14.04	2014460	20.0
Benz[e]acephenant...	15.07	2.1	ng	145902	6	15.48	1384500	20.0