

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086263.D
 Acq On : 16 Apr 2016 13:58
 Operator : UM/SJ
 Sample : H2471-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDM5H5

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	15	rVB	250728	332772	5.27%	0.576%
2	5.093	260	263	269	rVB	242357	370675	5.87%	0.642%
3	5.493	295	298	300	rBV	5413951	5995629	94.96%	10.387%
4	6.521	384	388	390	rBV	5347175	6313580	100.00%	10.937%
5	6.658	397	400	402	rBV	5626083	5726894	90.71%	9.921%
6	6.887	418	420	423	rVB	1473621	1685241	26.69%	2.919%
7	7.047	431	434	436	rBV	4671205	4274217	67.70%	7.404%
8	7.459	467	470	472	rBV	3790955	4389873	69.53%	7.605%
9	7.539	474	477	479	rVB	109413	121534	1.92%	0.211%
10	8.179	530	533	535	rBV	2634312	2345035	37.14%	4.062%
11	9.253	624	627	630	rBV	5338644	5488281	86.93%	9.508%
12	9.653	660	662	664	rBV	591191	800621	12.68%	1.387%
13	9.870	678	681	683	rVB	235556	190644	3.02%	0.330%
14	9.927	684	686	689	rVB2	2170015	2365241	37.46%	4.097%
15	10.373	721	725	726	rBV	259518	362599	5.74%	0.628%
16	10.590	741	744	747	rBV	125472	205146	3.25%	0.355%
17	10.716	752	755	758	rBV	3348418	3416386	54.11%	5.918%
18	10.842	764	766	773	rVB	409947	470784	7.46%	0.816%
19	11.036	781	783	785	rBV2	50143	77966	1.23%	0.135%
20	11.288	803	805	806	rBV	245100	193456	3.06%	0.335%
21	11.322	806	808	811	rVB	59582	77294	1.22%	0.134%
22	11.413	814	816	818	rBV	2675304	2341977	37.09%	4.057%
23	11.470	819	821	825	rVB2	45142	74276	1.18%	0.129%
24	11.710	840	842	846	rVB	71954	80060	1.27%	0.139%
25	11.939	861	862	864	rBV	127696	130936	2.07%	0.227%
26	12.625	919	922	923	rBV	94636	127499	2.02%	0.221%
27	12.831	937	940	943	rBV2	177291	313483	4.97%	0.543%
28	13.002	952	955	957	rBV	4414669	4515878	71.53%	7.823%
29	13.242	972	976	978	rBV	66322	99592	1.58%	0.173%
30	13.528	1000	1001	1004	rBV2	84374	118140	1.87%	0.205%
31	13.573	1004	1005	1010	rVB	97057	149083	2.36%	0.258%
32	13.905	1031	1034	1041	rBV	323095	477693	7.57%	0.828%
33	14.042	1044	1046	1051	rVV	1558380	1577888	24.99%	2.733%
34	14.225	1059	1062	1064	rBV	154131	156146	2.47%	0.270%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH5

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	14.534	1086	1089	1091	rBV	81969	132138	2.09%	0.229%
36	14.831	1113	1115	1117	rBV	70589	65640	1.04%	0.114%
37	14.899	1119	1121	1125	rVV	72900	90601	1.44%	0.157%
38	15.059	1133	1135	1140	rVB	35206	80256	1.27%	0.139%
39	15.162	1142	1144	1151	rBV2	65494	123655	1.96%	0.214%
40	15.482	1169	1172	1175	rBV	1091154	1432478	22.69%	2.482%
41	15.528	1175	1176	1183	rVB2	42747	79455	1.26%	0.138%
42	15.951	1211	1213	1216	rBV	49364	86476	1.37%	0.150%
43	17.471	1342	1346	1351	rBV5	50287	143565	2.27%	0.249%
44	18.260	1411	1415	1421	rVB8	42716	124196	1.97%	0.215%

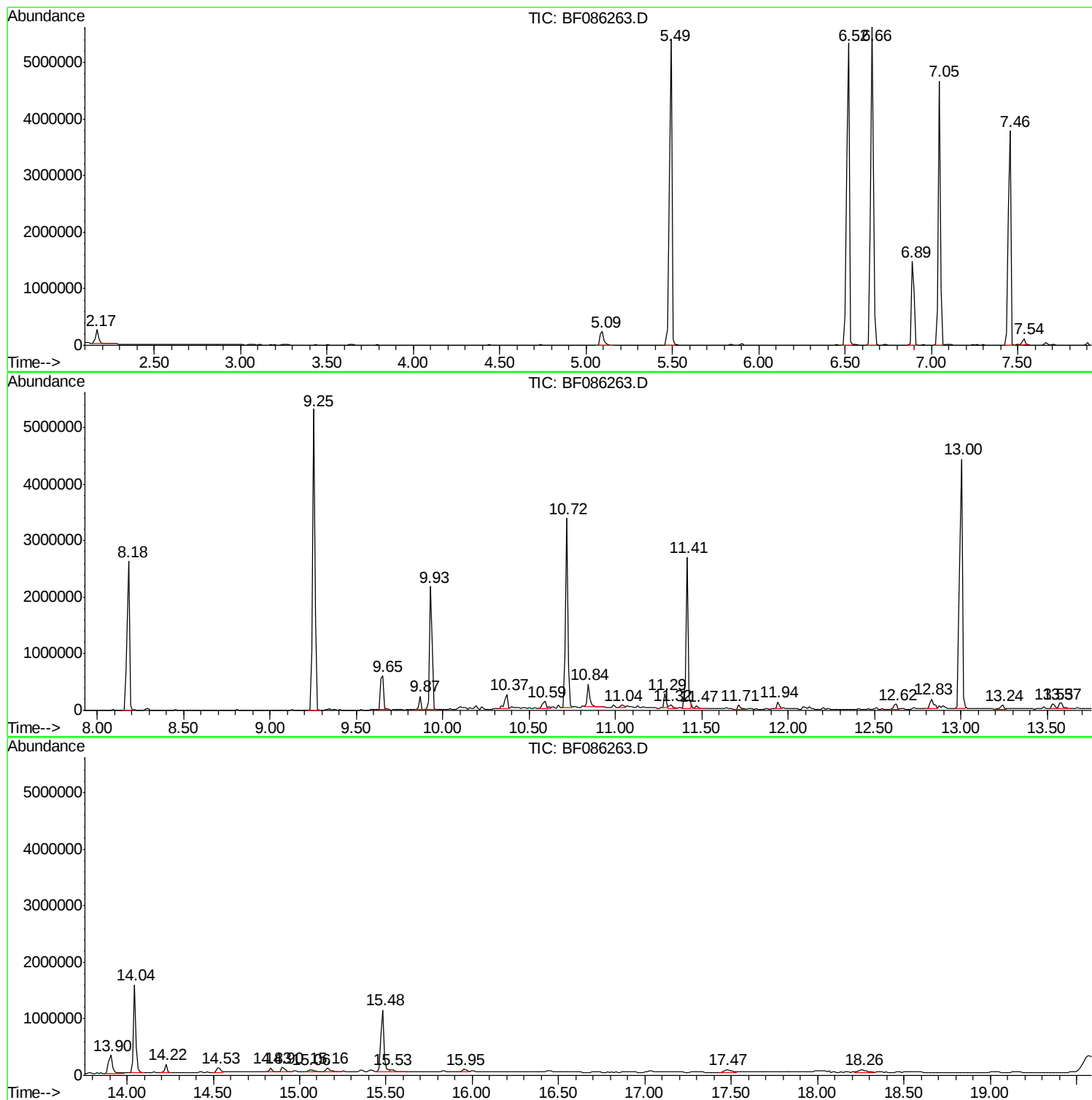
Sum of corrected areas: 57724979

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH5

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 : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH5

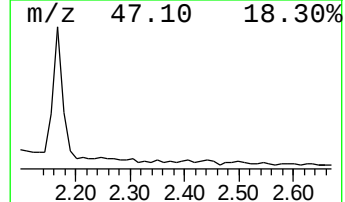
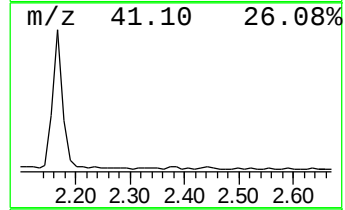
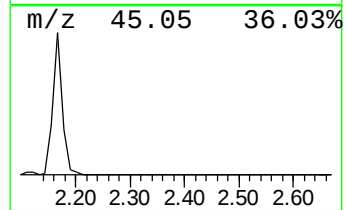
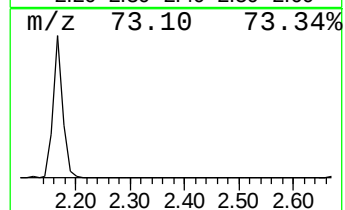
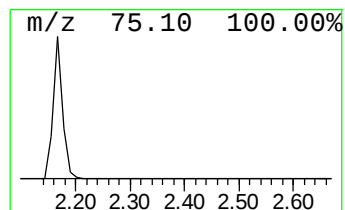
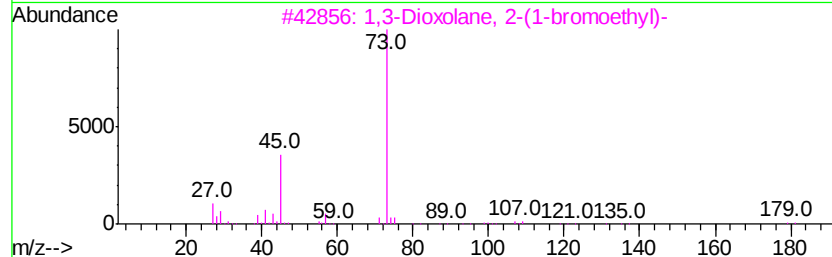
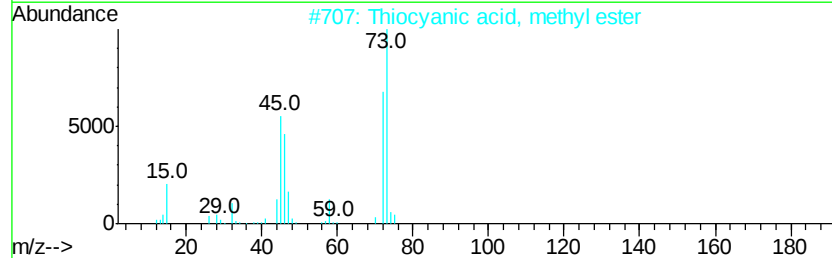
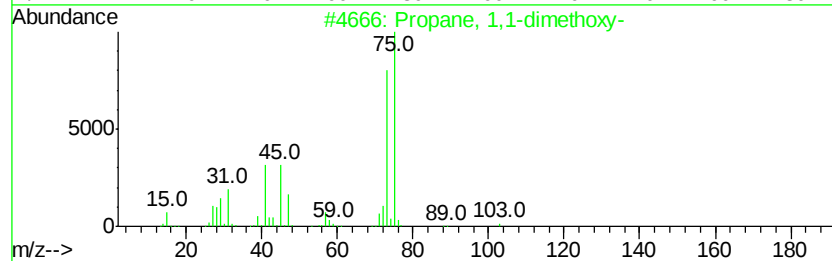
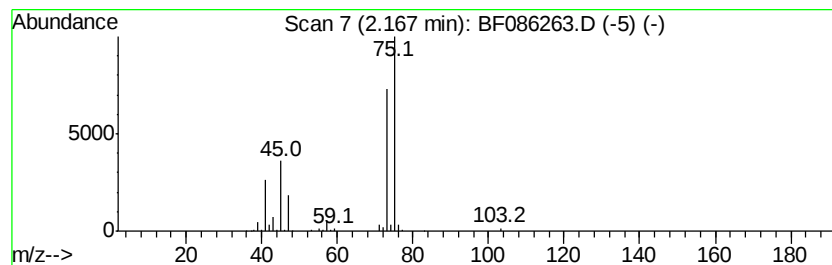
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	3.95 ng	332772	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	83
2		Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	12
3		1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	10
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH5

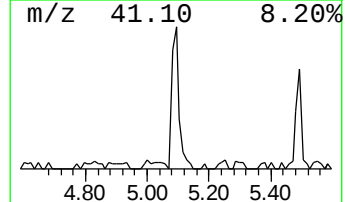
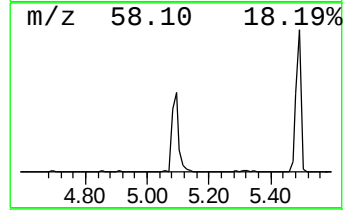
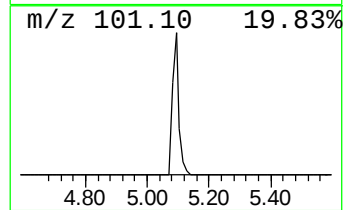
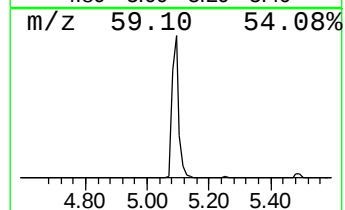
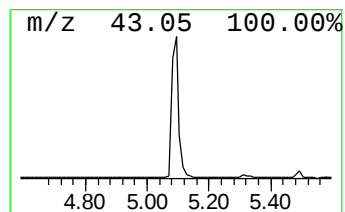
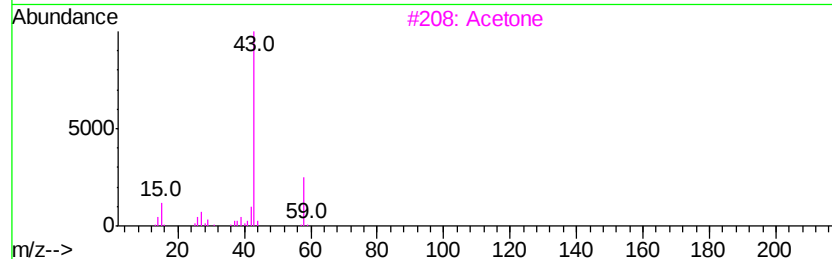
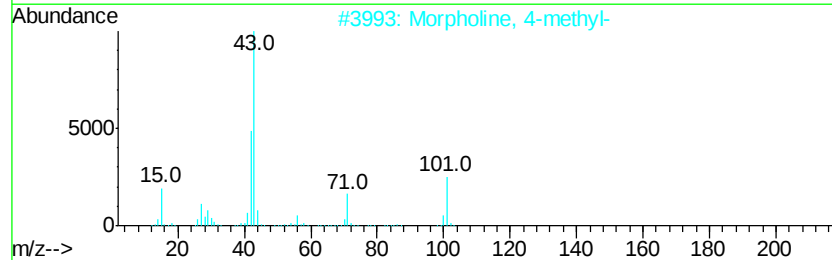
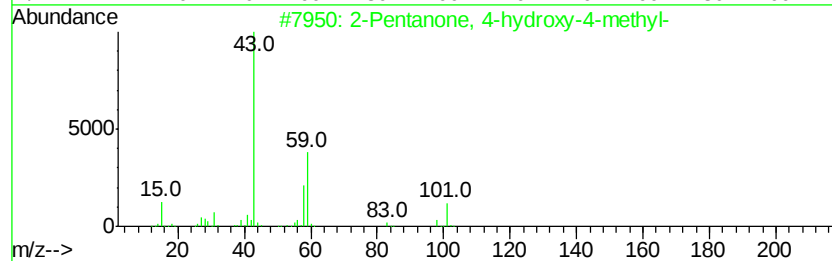
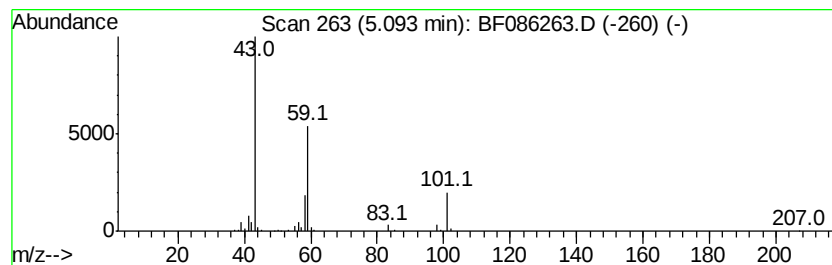
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	4.40 ng	370675	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	50
2		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3		Acetone	58	C3H6O	000067-64-1	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		t-Butyl ethyl ether	102	C6H14O	1000118-18-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH5

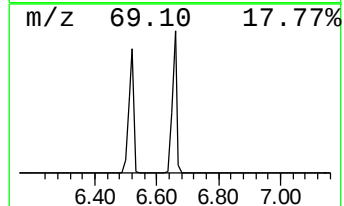
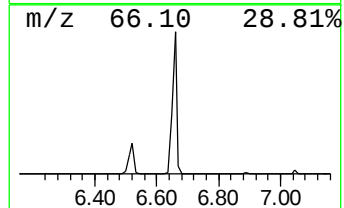
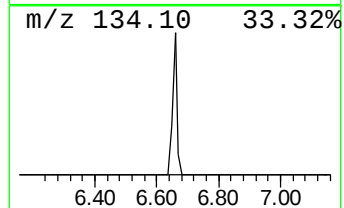
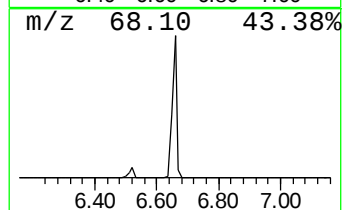
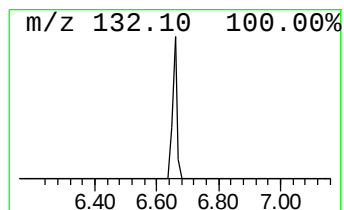
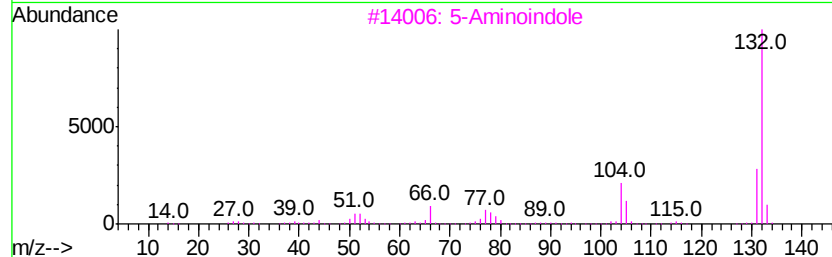
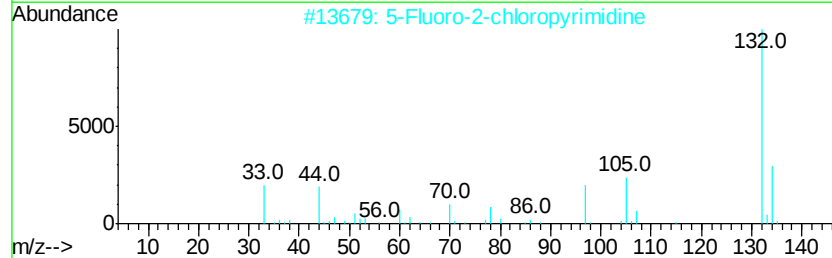
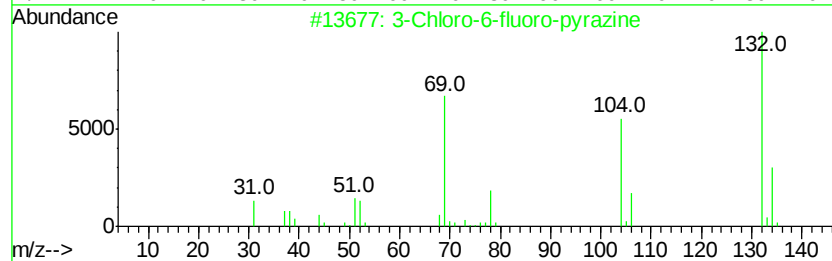
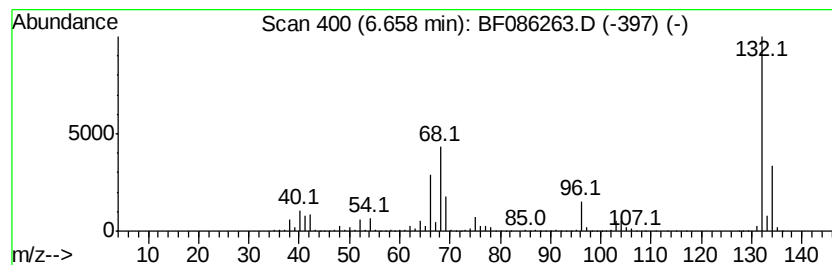
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	67.97 ng	5726890	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		5-Aminoindole	132	C8H8N2	005192-03-0	12
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 : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

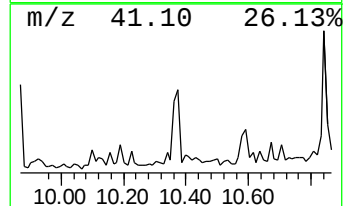
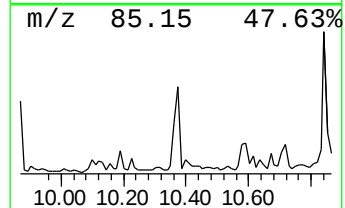
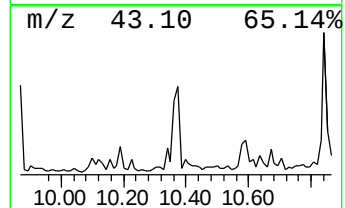
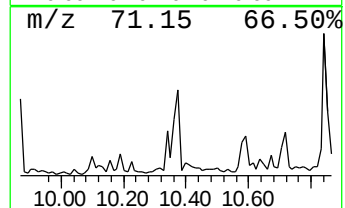
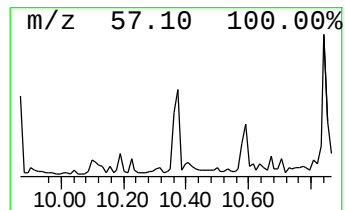
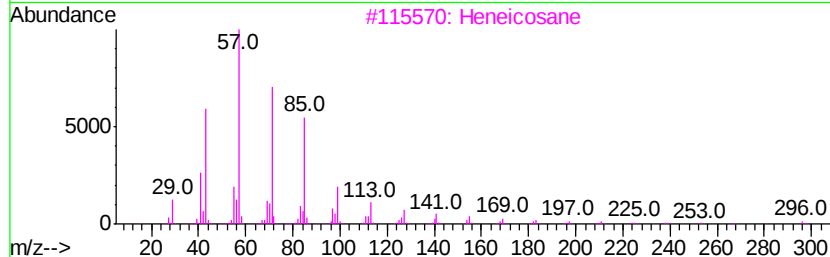
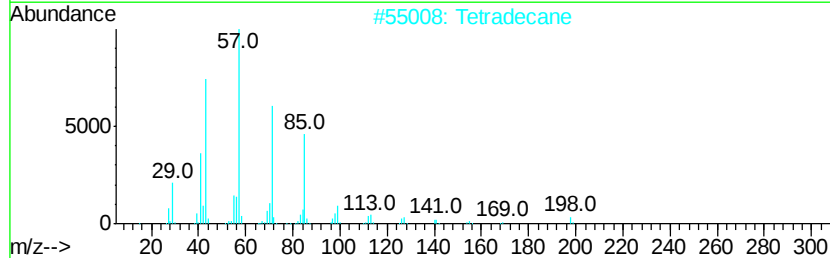
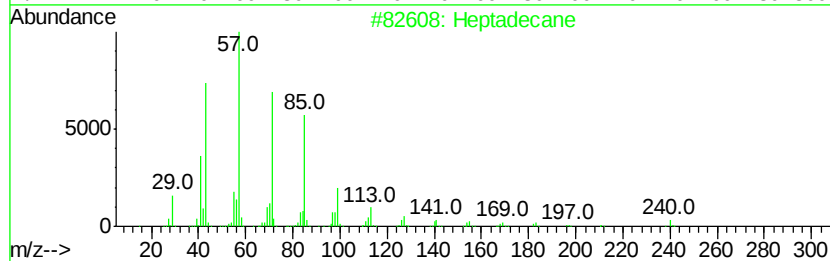
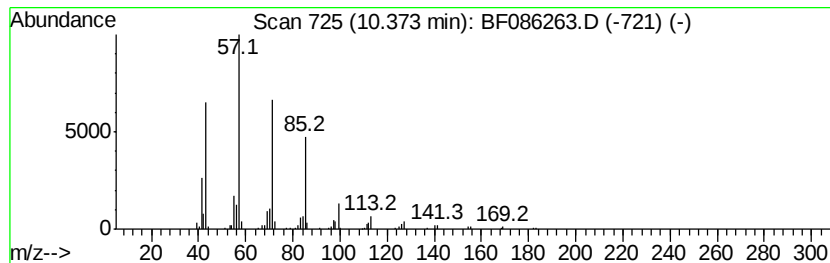
Instrument :
BNA_F
ClientSampleId :
CDMSH5

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 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	3.07 ng	362599	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	91
2	Tetradecane	198 C14H30	000629-59-4	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Hexadecane	226 C16H34	000544-76-3	90
5	Octadecane	254 C18H38	000593-45-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH5

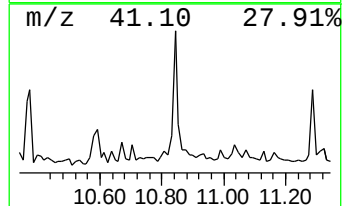
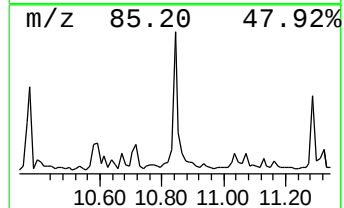
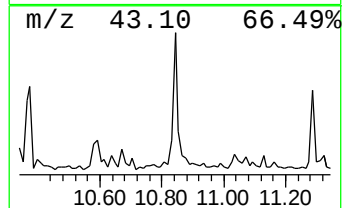
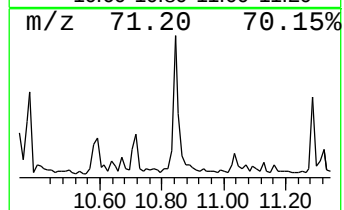
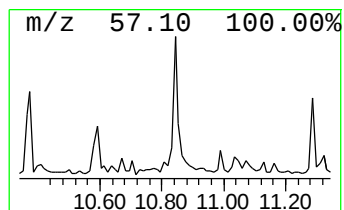
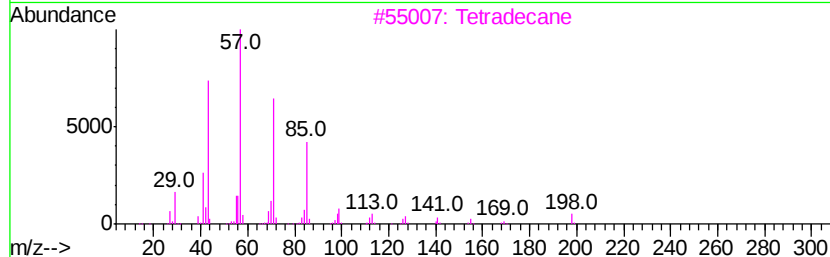
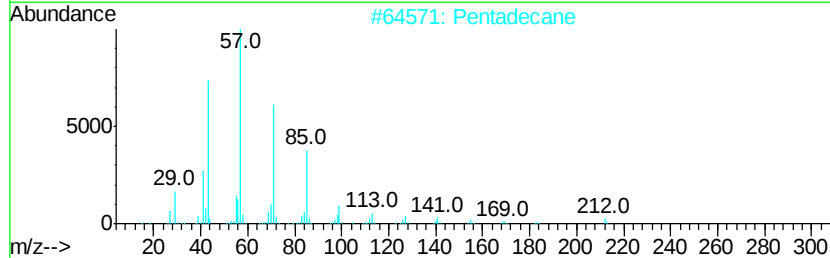
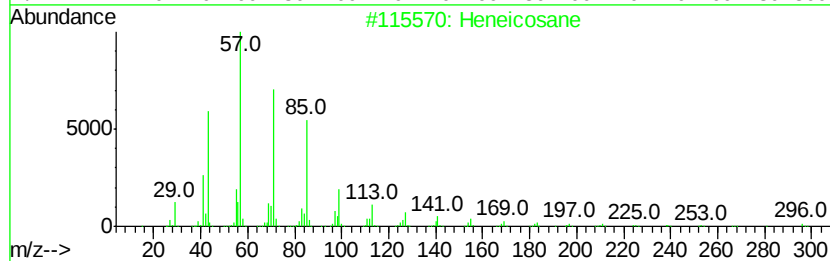
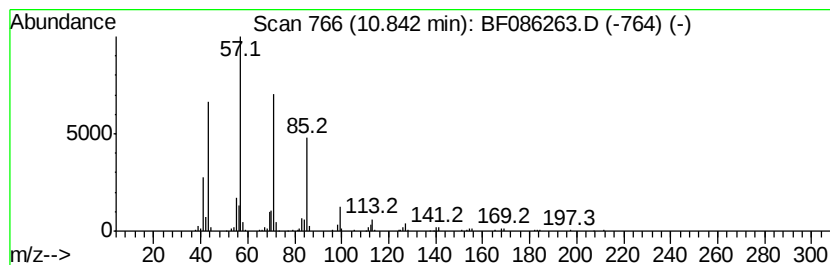
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	4.02 ng	470784	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Pentadecane		212	C15H32	000629-62-9	86
3	Tetradecane		198	C14H30	000629-59-4	86
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
5	Dodecane, 4-methyl-		184	C13H28	006117-97-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH5

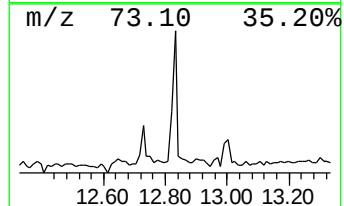
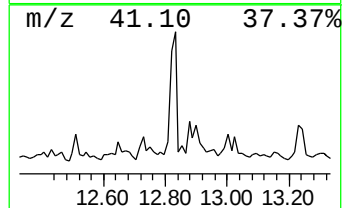
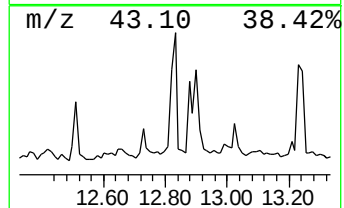
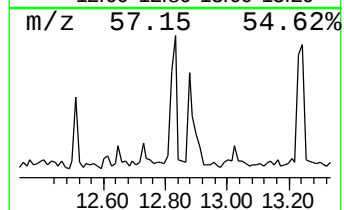
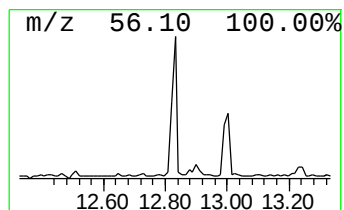
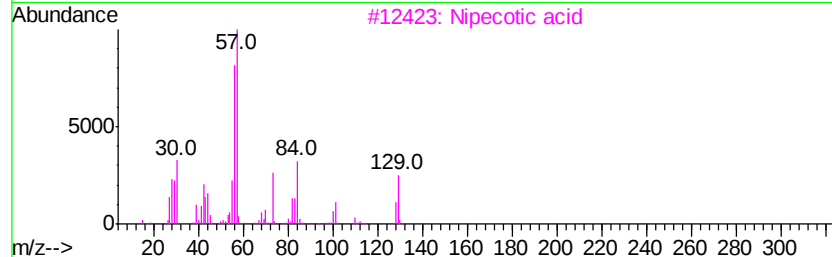
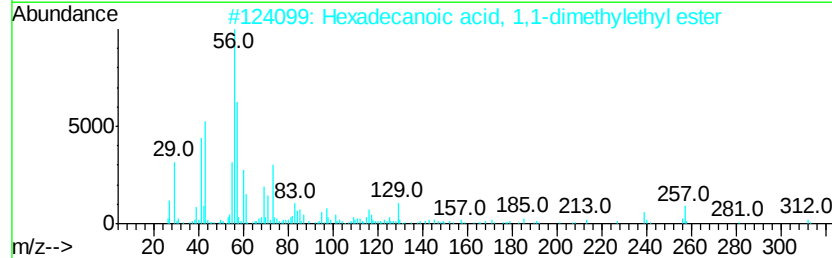
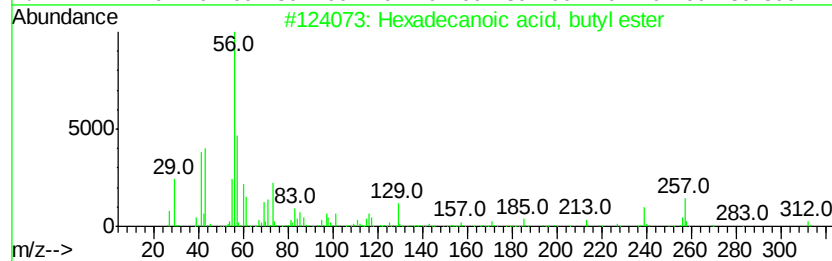
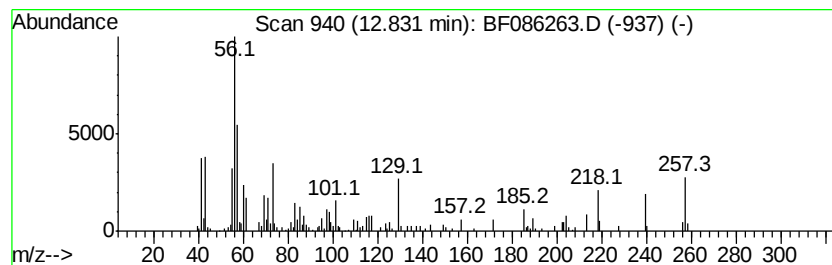
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	3.97 ng	313483	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
3		Nipecotic acid	129	C6H11NO2	000498-95-3	43
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	38
5		1-Piperidinyloxy, 4-(hydroxyimin...	185	C9H17N2O2	003229-75-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH5

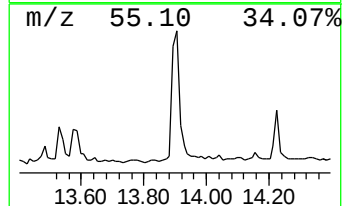
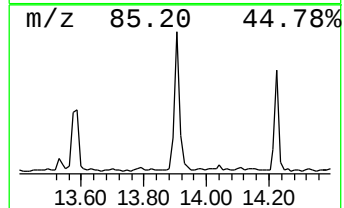
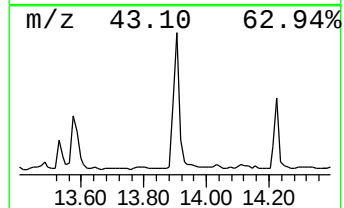
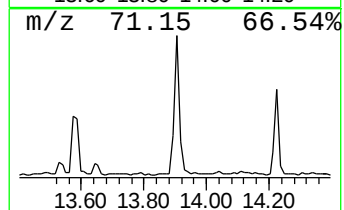
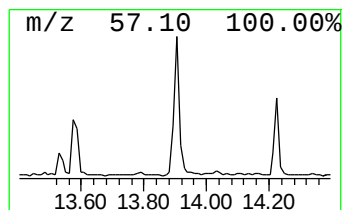
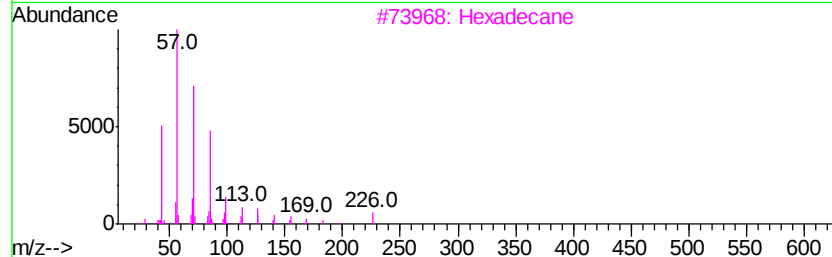
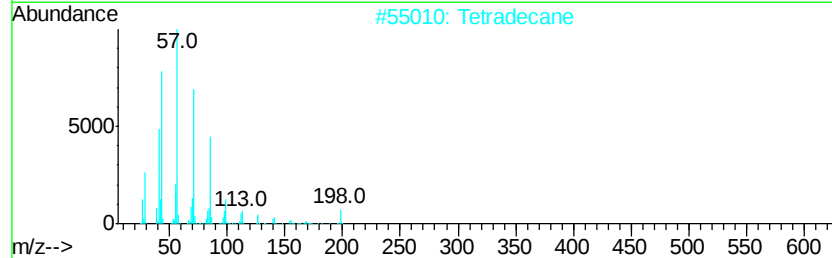
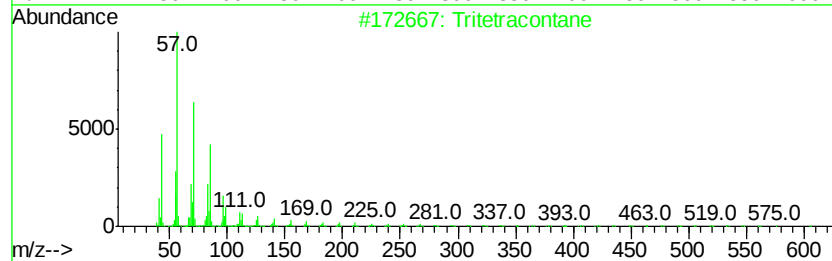
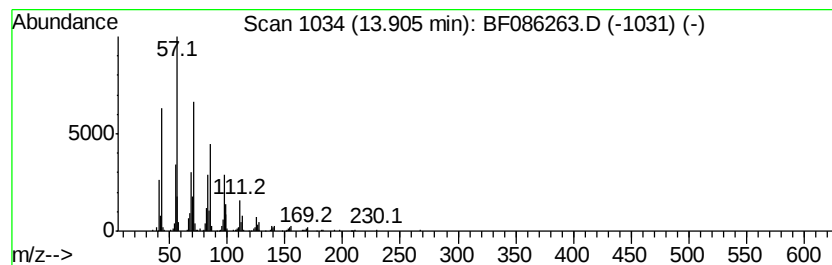
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tritetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	6.05 ng	477693	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	80
2		Tetradecane	198	C14H30	000629-59-4	62
3		Hexadecane	226	C16H34	000544-76-3	62
4		Pentadecane	212	C15H32	000629-62-9	58
5		Heptadecane	240	C17H36	000629-78-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086263.D
Acq On : 16 Apr 2016 13:58
Operator : UM/SJ
Sample : H2471-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH5

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	4.0	ng	332772	1	6.89	1685240	20.0
2-Pentanone, 4-hy...	5.09	4.4	ng	370675	1	6.89	1685240	20.0
unknown6.66	6.66	68.0	ng	5726890	1	6.89	1685240	20.0
Heptadecane	10.37	3.1	ng	362599	3	9.93	2365240	20.0
Heneicosane	10.84	4.0	ng	470784	4	11.41	2341980	20.0
Hexadecanoic acid...	12.83	4.0	ng	313483	5	14.04	1577890	20.0
Tritetracontane	13.90	6.0	ng	477693	5	14.04	1577890	20.0