

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
 Data File : BF090177.D
 Acq On : 21 Sep 2016 23:37
 Operator : UM/SJ
 Sample : H4856-14 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-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-BF092016.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.667	5	7	33	rVB	1685297	3981046	100.00%	24.366%
2	4.582	259	262	270	rBV	71986	98754	2.48%	0.604%
3	5.062	302	304	315	rVV	395105	459609	11.54%	2.813%
4	6.159	397	400	408	rBV	311059	402365	10.11%	2.463%
5	6.273	408	410	412	rVV	385932	439174	11.03%	2.688%
6	6.502	428	430	433	rBV	633250	621890	15.62%	3.806%
7	6.662	441	444	446	rBV	404857	382007	9.60%	2.338%
8	7.073	477	480	484	rBV	254880	251293	6.31%	1.538%
9	7.793	541	543	545	rBV	969420	910934	22.88%	5.575%
10	8.502	603	605	608	rVV	101337	106229	2.67%	0.650%
11	8.605	612	614	616	rVB	61924	58673	1.47%	0.359%
12	8.868	636	637	640	rVV	384777	460385	11.56%	2.818%
13	8.971	644	646	649	rVB	34967	41768	1.05%	0.256%
14	9.131	657	660	662	rBV	41585	54260	1.36%	0.332%
15	9.199	664	666	667	rVV	47266	46610	1.17%	0.285%
16	9.233	667	669	671	rVV	29498	43423	1.09%	0.266%
17	9.268	671	672	675	rVV	87854	137020	3.44%	0.839%
18	9.393	681	683	685	rBV	53771	51424	1.29%	0.315%
19	9.531	693	695	697	rVV	659329	781413	19.63%	4.783%
20	9.565	697	698	703	rVB	47549	53167	1.34%	0.325%
21	9.736	711	713	715	rBV2	47426	56880	1.43%	0.348%
22	9.942	729	731	734	rBV2	24832	40326	1.01%	0.247%
23	10.079	741	743	745	rBV	61110	63481	1.59%	0.389%
24	10.319	761	764	766	rBV	220029	262546	6.59%	1.607%
25	10.479	773	778	780	rBV2	64235	98426	2.47%	0.602%
26	10.914	813	816	817	rVB2	32227	44153	1.11%	0.270%
27	11.005	821	824	828	rBV2	756075	1110994	27.91%	6.800%
28	11.074	828	830	832	rVB	55900	63780	1.60%	0.390%
29	11.336	851	853	855	rVB	41796	43795	1.10%	0.268%
30	11.508	866	868	869	rBV	35570	55285	1.39%	0.338%
31	11.531	869	870	872	rVV	71220	63055	1.58%	0.386%
32	11.588	872	875	882	rVB3	78287	246314	6.19%	1.508%
33	11.817	891	895	899	rVV3	28137	73626	1.85%	0.451%
34	12.205	926	929	932	rBV	282055	341721	8.58%	2.092%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090177.D
Acq On : 21 Sep 2016 23:37
Operator : UM/SJ
Sample : H4856-14 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.422	945	948	950	rBV	318059	313776	7.88%	1.920%
36	12.582	960	962	965	rVV	426524	405064	10.17%	2.479%
37	13.062	1002	1004	1008	rVB2	41934	97264	2.44%	0.595%
38	13.485	1039	1041	1042	rBV	34350	49312	1.24%	0.302%
39	13.508	1042	1043	1046	rVB	276427	298412	7.50%	1.826%
40	13.611	1049	1052	1057	rBV3	842205	1545773	38.83%	9.461%
41	14.125	1095	1097	1100	rBV4	86606	162284	4.08%	0.993%
42	14.594	1136	1138	1143	rBV	159966	288016	7.23%	1.763%
43	14.834	1157	1159	1162	rVB	96318	125842	3.16%	0.770%
44	14.891	1162	1164	1166	rBV	99309	134391	3.38%	0.823%
45	14.937	1166	1168	1171	rBV	585241	807337	20.28%	4.941%
46	15.360	1203	1205	1212	rBV4	64826	164978	4.14%	1.010%

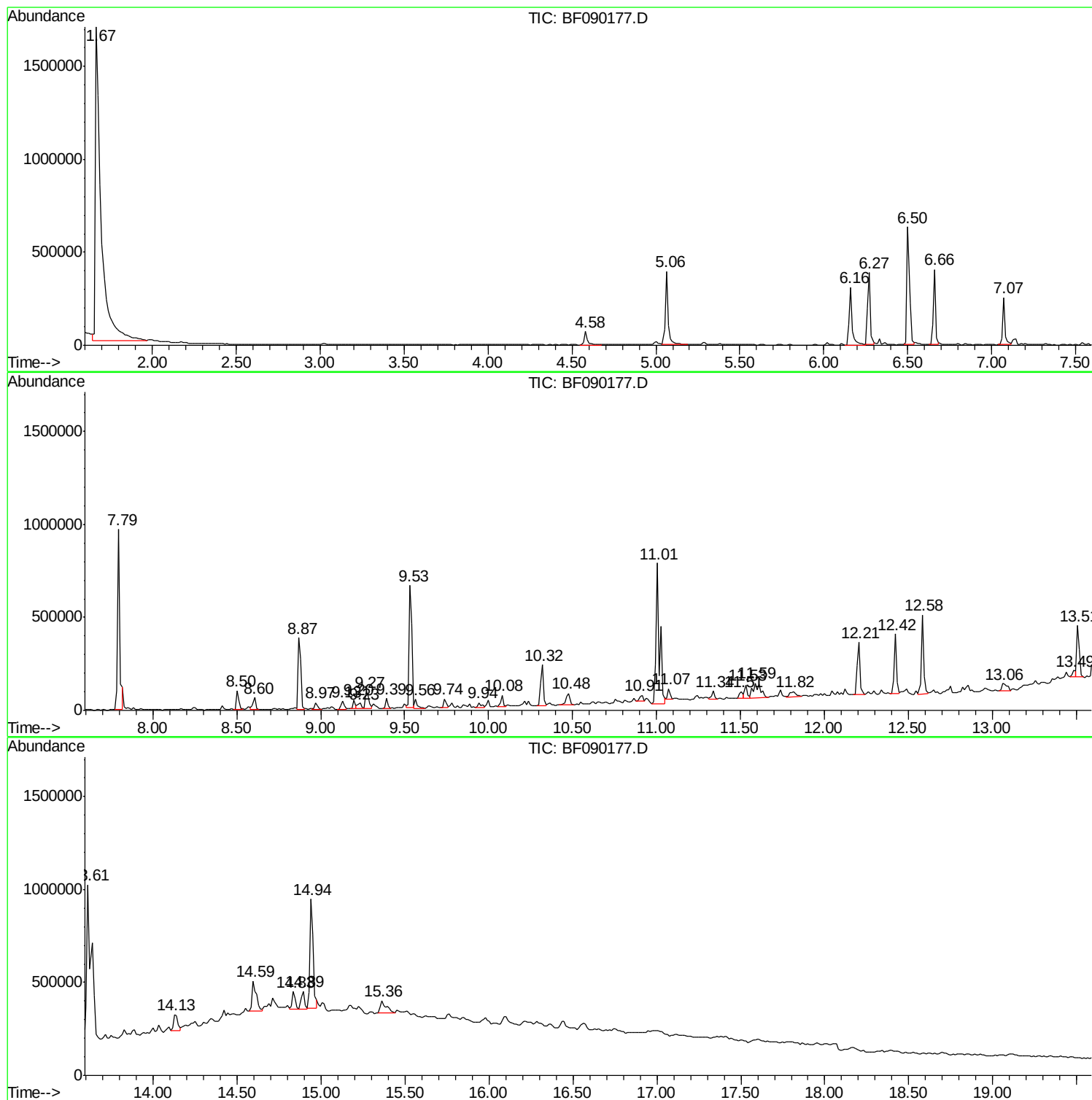
Sum of corrected areas: 16338275

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090177.D
Acq On : 21 Sep 2016 23:37
Operator : UM/SJ
Sample : H4856-14 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090177.D
Acq On : 21 Sep 2016 23:37
Operator : UM/SJ
Sample : H4856-14 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-2

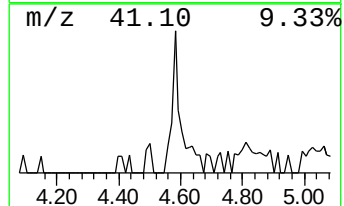
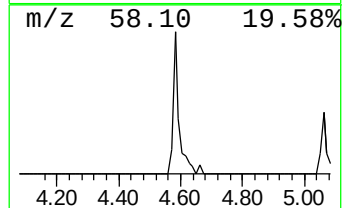
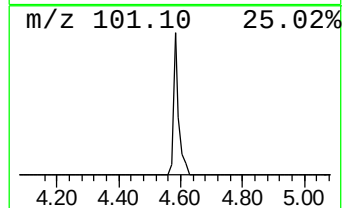
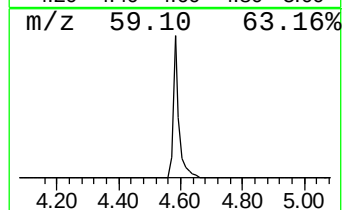
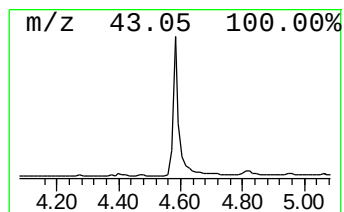
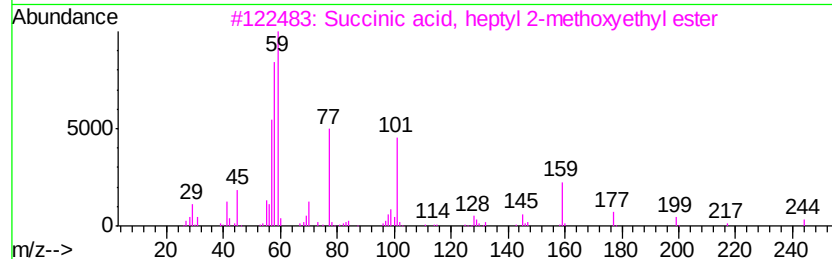
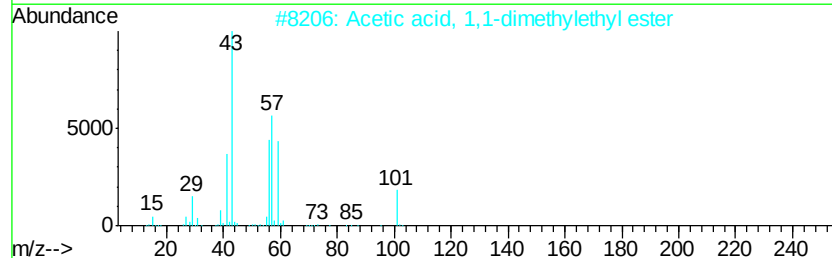
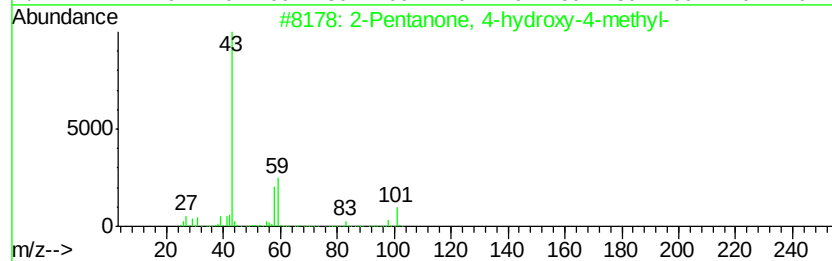
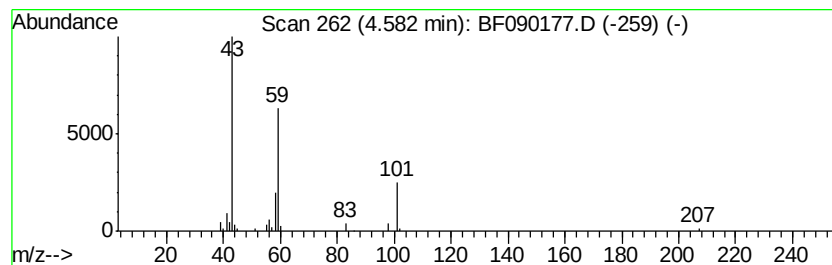
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	3.18 ng	98754	1,4-Dichlorobenzene-d4	6.50

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3		Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
4		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090177.D
Acq On : 21 Sep 2016 23:37
Operator : UM/SJ
Sample : H4856-14 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-2

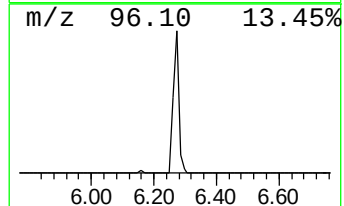
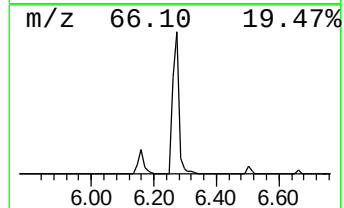
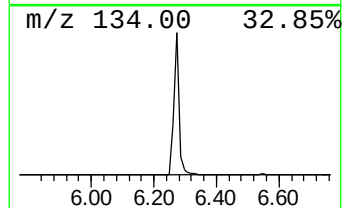
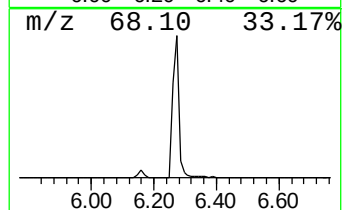
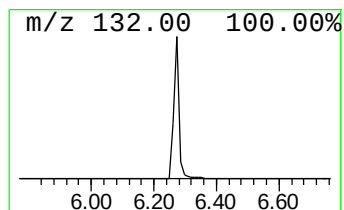
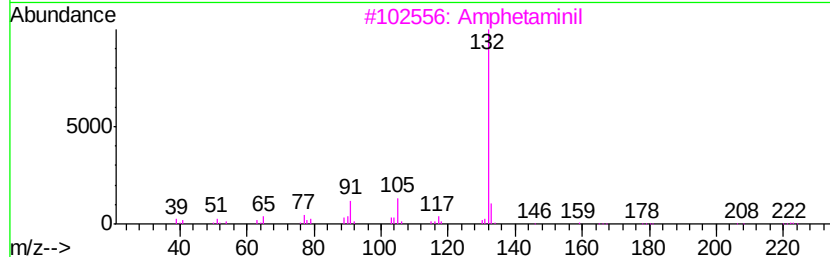
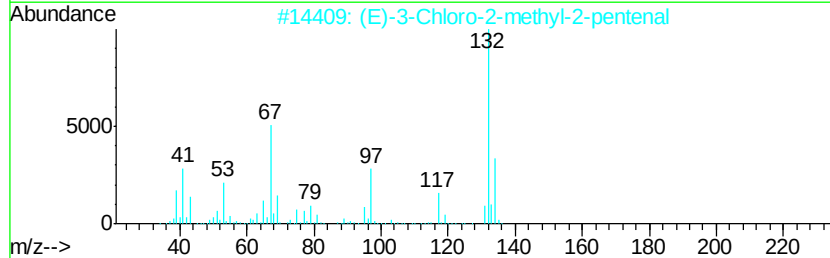
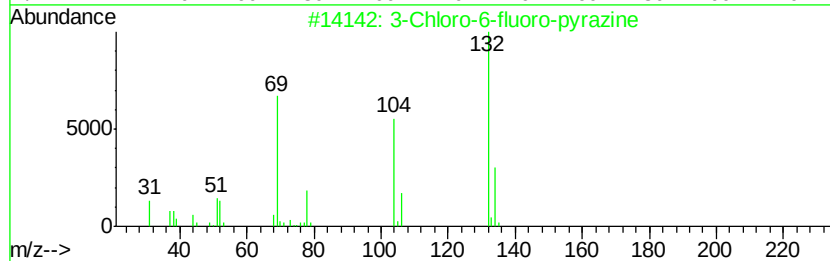
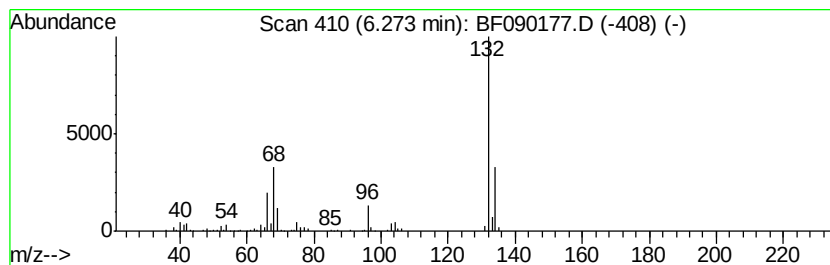
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	14.12 ng	439174	1,4-Dichlorobenzene-d4	6.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Xenon	132	Xe	007440-63-3	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090177.D
Acq On : 21 Sep 2016 23:37
Operator : UM/SJ
Sample : H4856-14 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

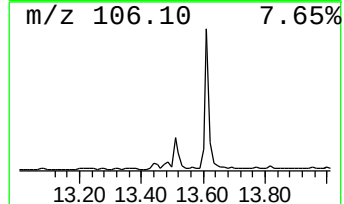
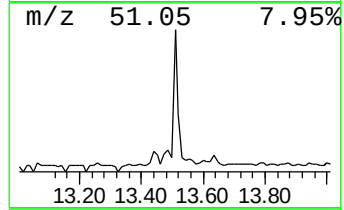
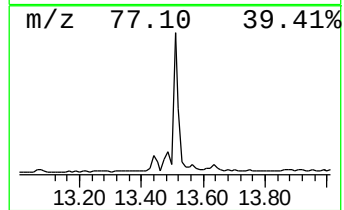
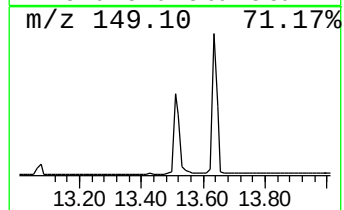
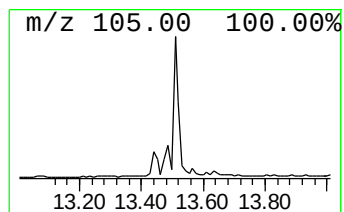
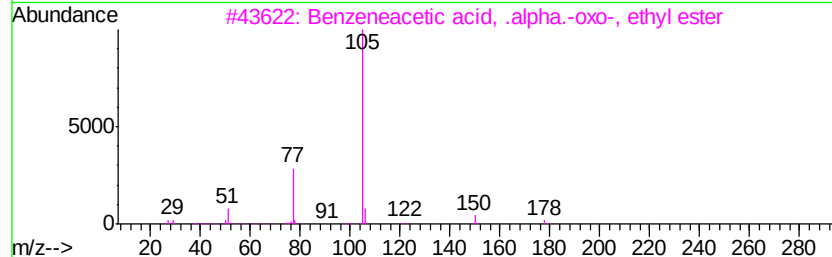
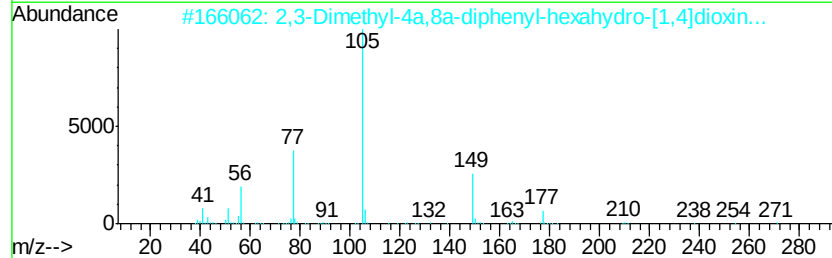
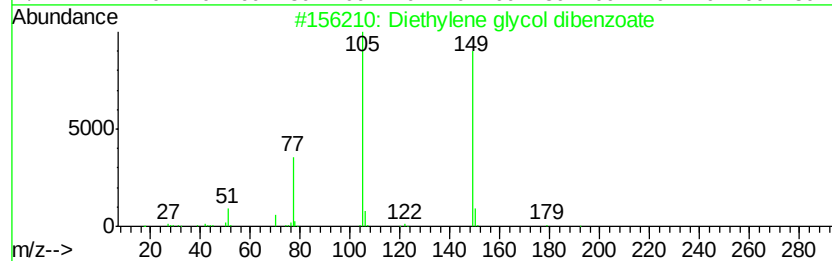
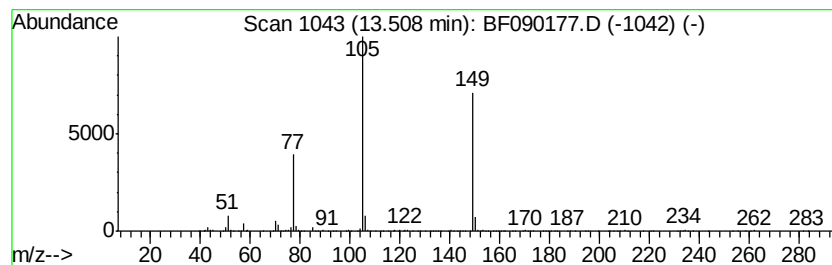
Instrument :
BNA_F
ClientSampleId :
SS-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Diethylene glycol dibenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.51	3.86 ng	298412	Chrysene-d12	13.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
2	2,3-Dimethyl-4a,8a-diphenyl-hexa...	326	C20H22O4	1000297-07-0	53
3	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	43
4	N-(Methoxymethyl)benzamide	165	C9H11NO2	013156-28-0	43
5	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090177.D
Acq On : 21 Sep 2016 23:37
Operator : UM/SJ
Sample : H4856-14 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

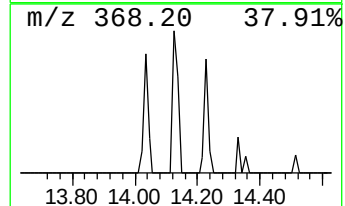
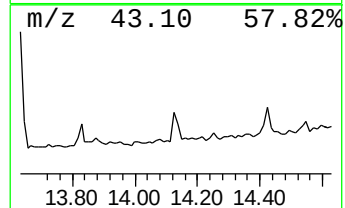
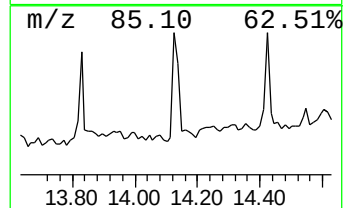
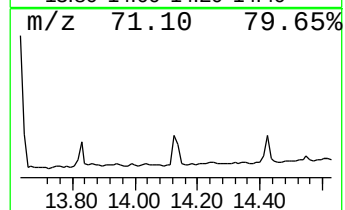
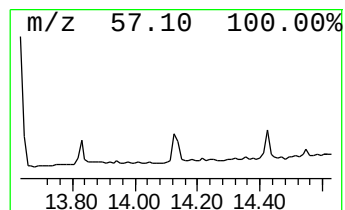
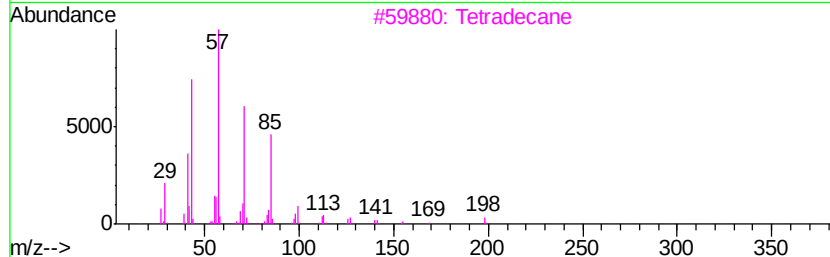
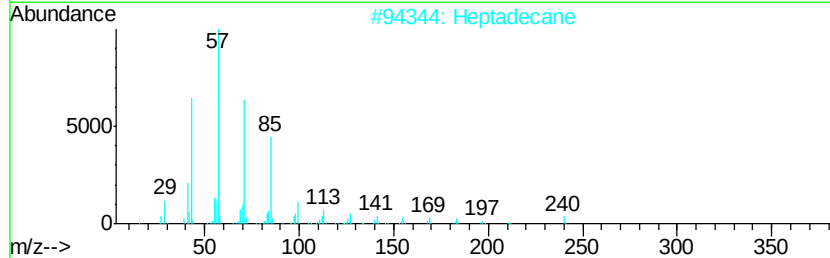
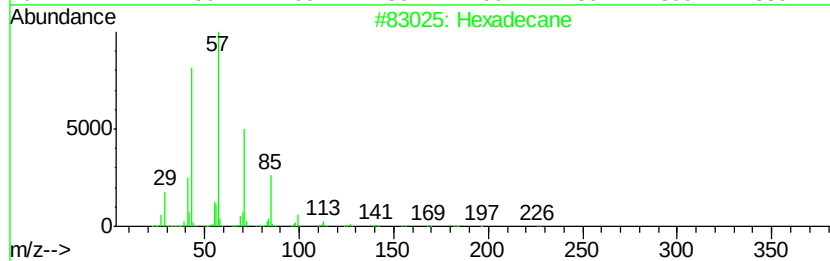
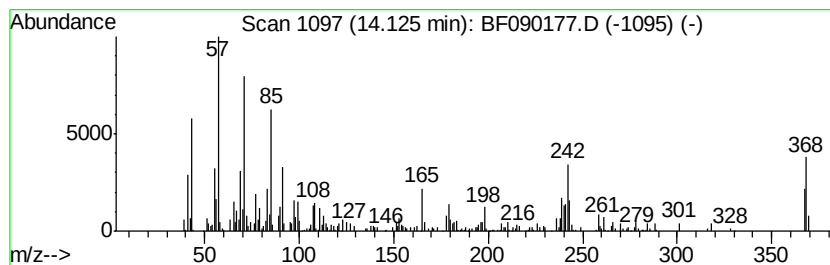
Instrument :
BNA_F
ClientSampled :
SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.13	2.10 ng	162284	Chrysene-d12	13.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	50
2	Heptadecane	240	C17H36	000629-78-7	49
3	Tetradecane	198	C14H30	000629-59-4	46
4	Sulfurous acid, 2-propyl tridecyl e...	306	C16H34O3S	1000309-12-4	45
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090177.D
Acq On : 21 Sep 2016 23:37
Operator : UM/SJ
Sample : H4856-14 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-2

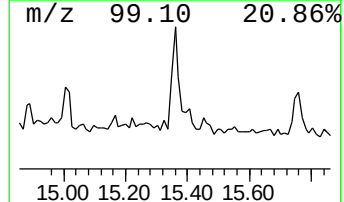
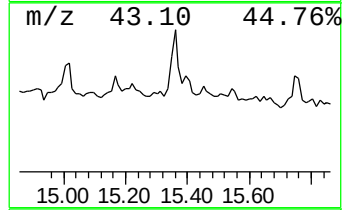
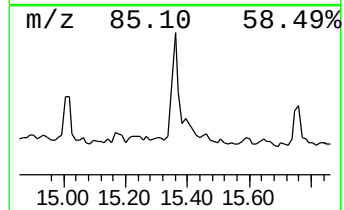
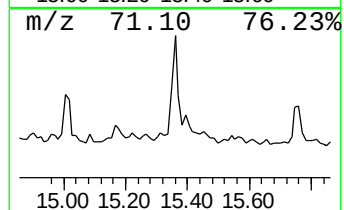
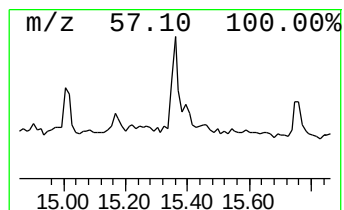
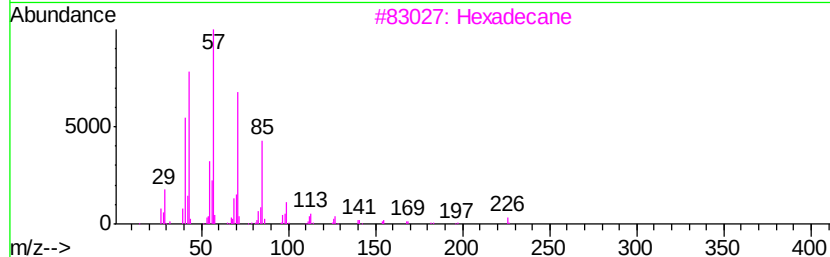
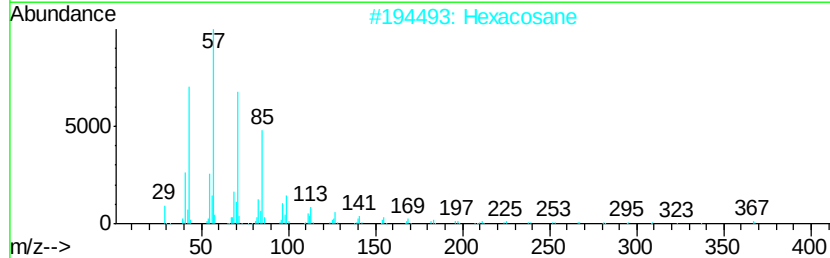
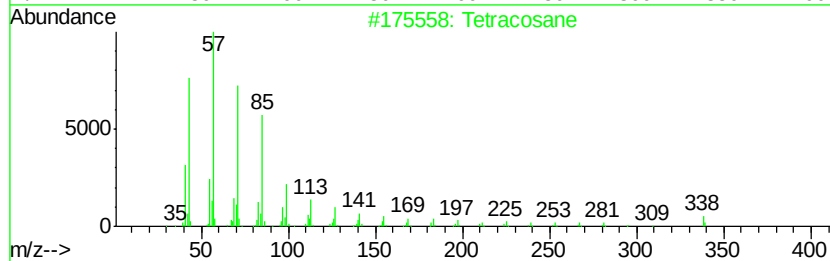
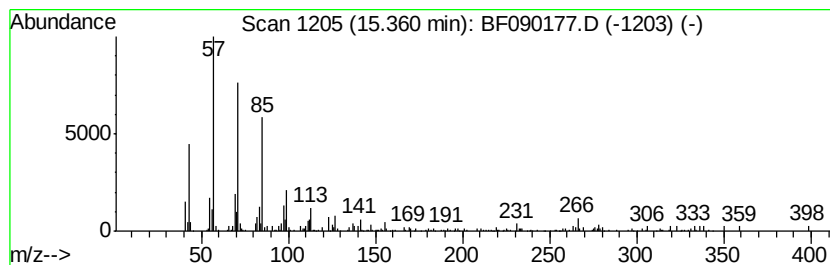
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	4.09 ng	164978	Perylene-d12	14.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Hexacosane	366	C26H54	000630-01-3	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Triacontane	422	C30H62	000638-68-6	86
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090177.D
Acq On : 21 Sep 2016 23:37
Operator : UM/SJ
Sample : H4856-14 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.58	3.2	ng	98754	1	6.50	621890	20.0
unknown6.27	6.27	14.1	ng	439174	1	6.50	621890	20.0
Diethylene glycol...	13.51	3.9	ng	298412	5	13.61	1545770	20.0
Hexadecane	14.13	2.1	ng	162284	5	13.61	1545770	20.0
Tetracosane	15.36	4.1	ng	164978	6	14.94	807337	20.0