

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088135.D
 Acq On : 18 Jun 2016 15:43
 Operator : UM/SJ
 Sample : H3501-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED2-0-6

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-BF060716.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	11	rBV	60445	83740	3.19%	0.367%
2	1.781	15	17	24	rVV	539378	757599	28.87%	3.324%
3	1.884	24	26	42	rVB	67749	165464	6.31%	0.726%
4	2.913	114	116	123	rBV	17200	43492	1.66%	0.191%
5	4.856	284	286	295	rBV	102771	163598	6.24%	0.718%
6	5.290	322	324	327	rBV	1884481	2113671	80.56%	9.273%
7	6.353	413	417	419	rBV2	1890346	2623864	100.00%	11.511%
8	6.456	424	426	429	rBV	1636733	2324614	88.60%	10.198%
9	6.684	444	446	449	rBV	709080	598606	22.81%	2.626%
10	6.844	457	460	462	rBV	2101590	1979167	75.43%	8.683%
11	7.256	493	496	498	rBV	1236084	1208892	46.07%	5.303%
12	7.382	502	507	512	rVB3	14869	34062	1.30%	0.149%
13	7.976	556	559	561	rBV	690074	730202	27.83%	3.203%
14	8.982	644	647	650	rBV	38744	38366	1.46%	0.168%
15	9.050	650	653	656	rBV	2219355	2372348	90.41%	10.408%
16	9.176	662	664	666	rVB	57467	46135	1.76%	0.202%
17	9.450	684	688	690	rBV	325596	281107	10.71%	1.233%
18	9.542	692	696	701	rBV	23835	42323	1.61%	0.186%
19	9.725	709	712	714	rBV	778991	723599	27.58%	3.174%
20	10.513	778	781	783	rBV	957137	1045727	39.85%	4.588%
21	10.639	790	792	796	rBV2	27113	54956	2.09%	0.241%
22	11.085	829	831	832	rBV	32463	39299	1.50%	0.172%
23	11.199	839	841	845	rVB	731444	624921	23.82%	2.742%
24	11.439	860	862	866	rVB	163521	167887	6.40%	0.737%
25	11.508	866	868	870	rVB	47408	40766	1.55%	0.179%
26	11.748	887	889	892	rBV2	24539	43642	1.66%	0.191%
27	11.908	901	903	905	rBV	36766	34791	1.33%	0.153%
28	12.251	931	933	936	rBV	261903	351639	13.40%	1.543%
29	12.411	944	947	949	rBV	43407	51318	1.96%	0.225%
30	12.616	963	965	968	rBV2	44148	78927	3.01%	0.346%
31	12.674	968	970	975	rVB3	28117	48595	1.85%	0.213%
32	12.788	977	980	982	rBV	2044289	1989762	75.83%	8.729%
33	13.028	997	1001	1002	rBV2	17883	41111	1.57%	0.180%
34	13.234	1017	1019	1025	rBV2	72121	109435	4.17%	0.480%

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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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.325	1025	1027	1029	rBV	68948	87373	3.33%	0.383%
36	13.691	1056	1059	1063	rBV2	91768	117515	4.48%	0.516%
37	13.828	1068	1071	1074	rBV	659708	710445	27.08%	3.117%
38	13.931	1078	1080	1082	rBV	41562	45332	1.73%	0.199%
39	14.662	1142	1144	1147	rBV	263768	343568	13.09%	1.507%
40	15.211	1189	1192	1195	rBV	384423	436693	16.64%	1.916%

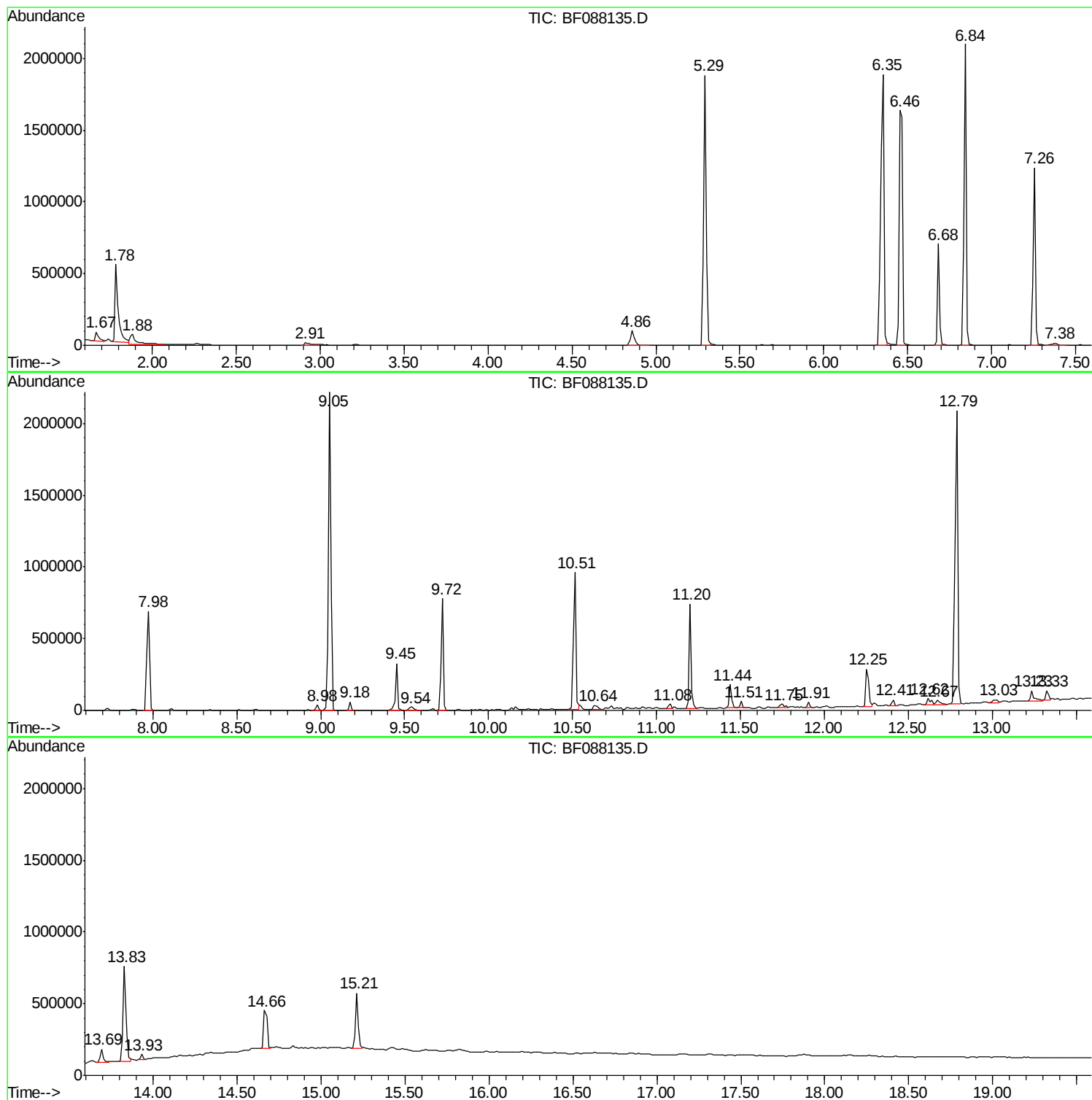
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Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
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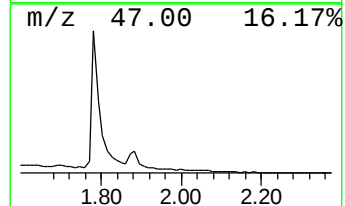
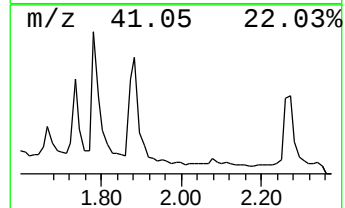
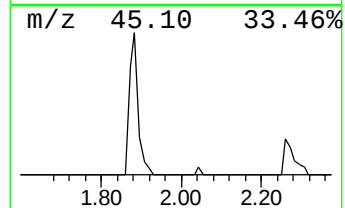
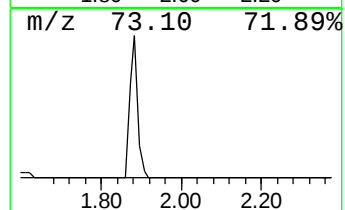
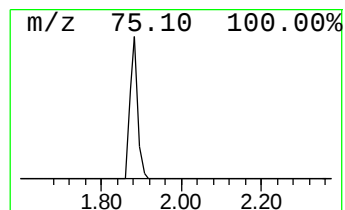
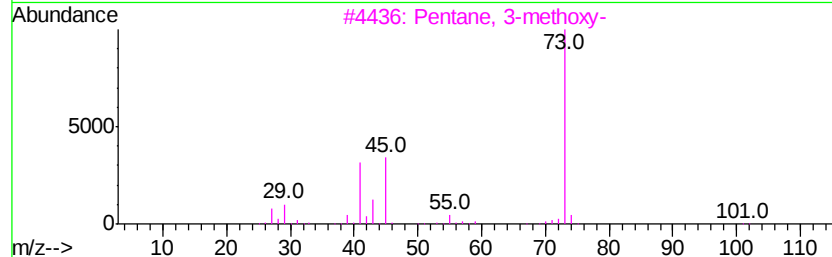
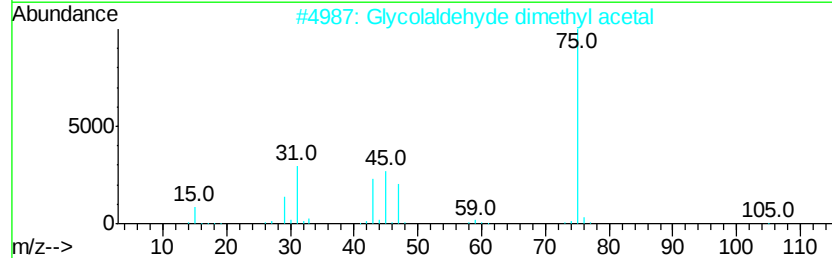
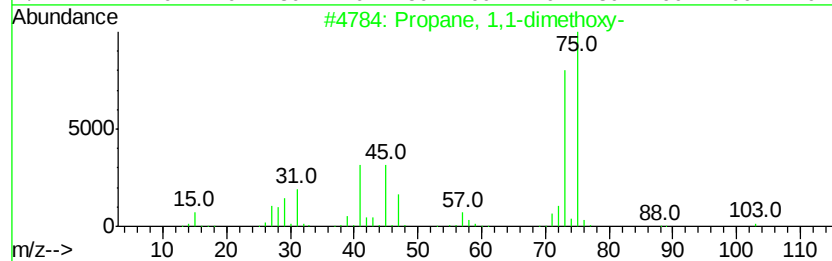
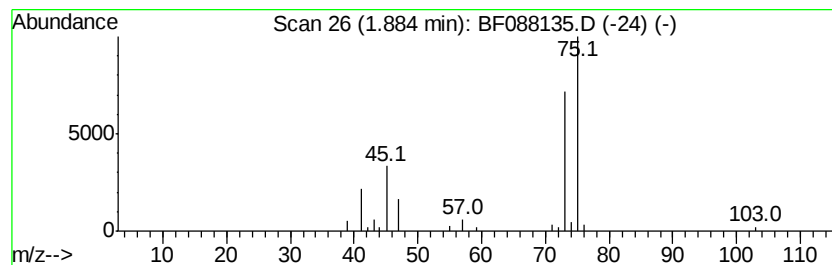
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.88	5.53 ng	165464	1,4-Dichlorobenzene-d4	6.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9



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Instrument :
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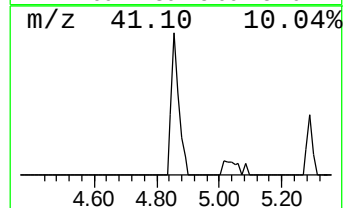
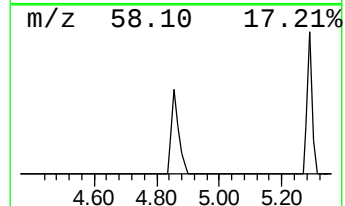
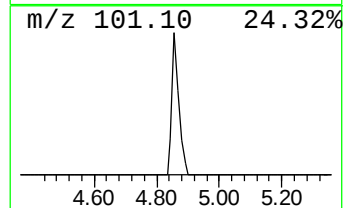
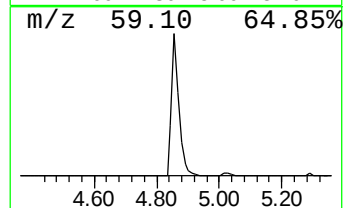
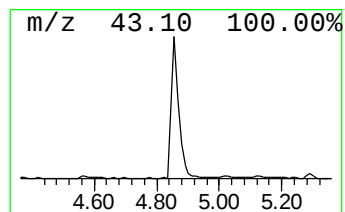
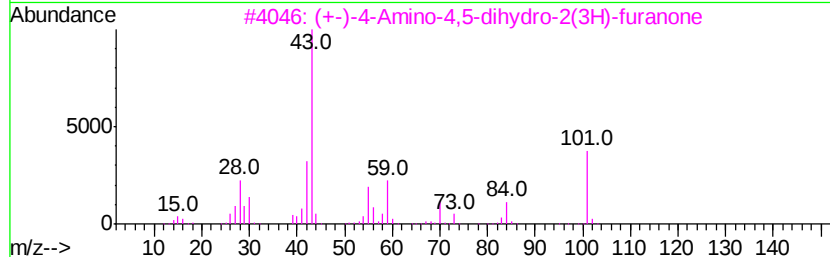
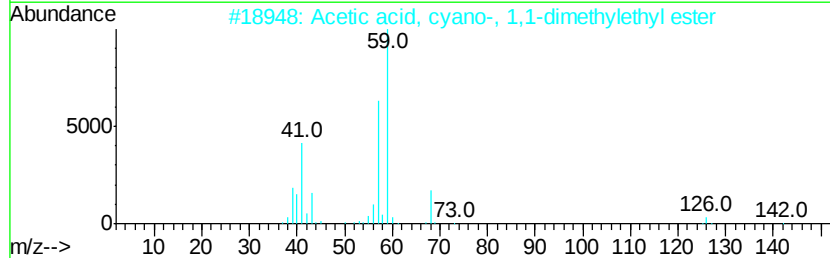
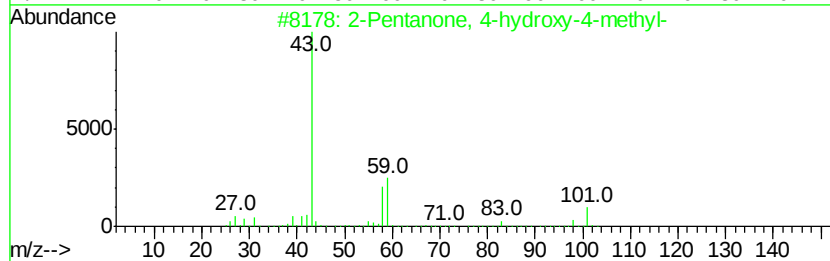
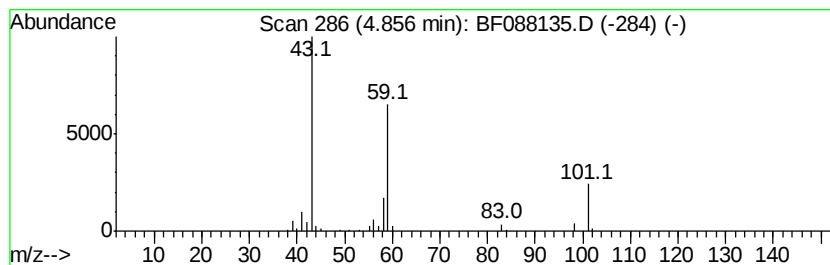
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	5.47 ng	163598	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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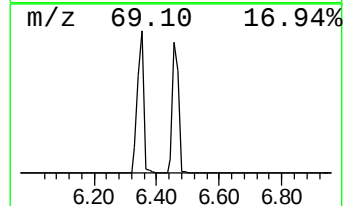
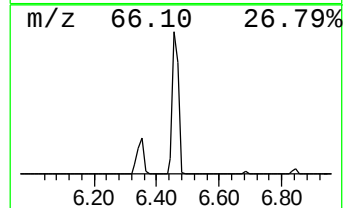
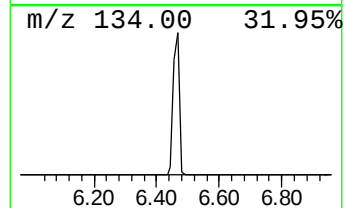
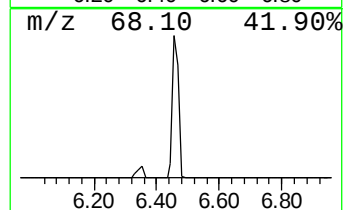
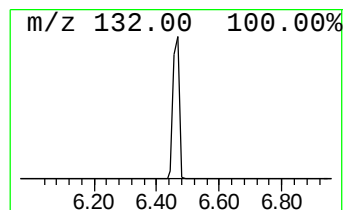
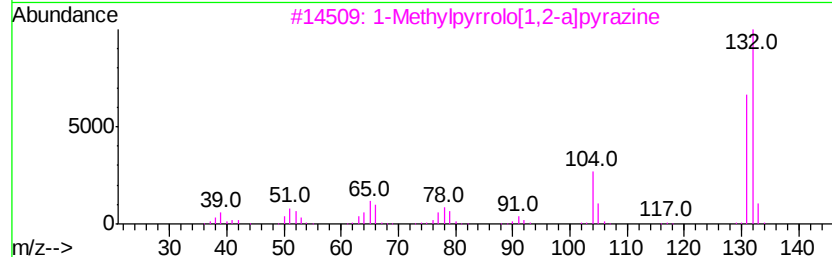
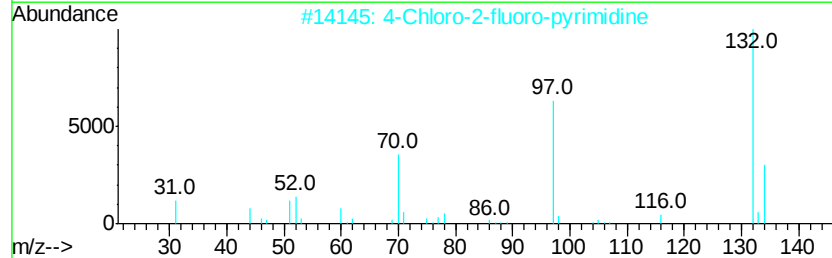
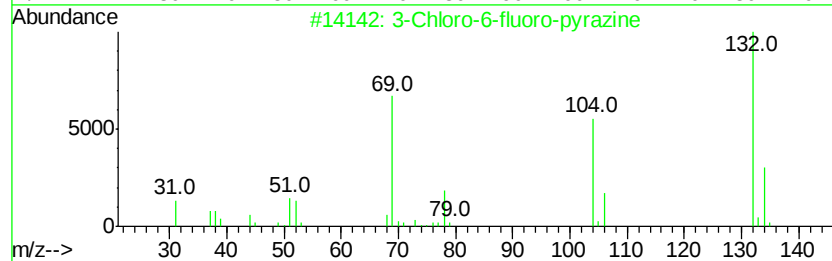
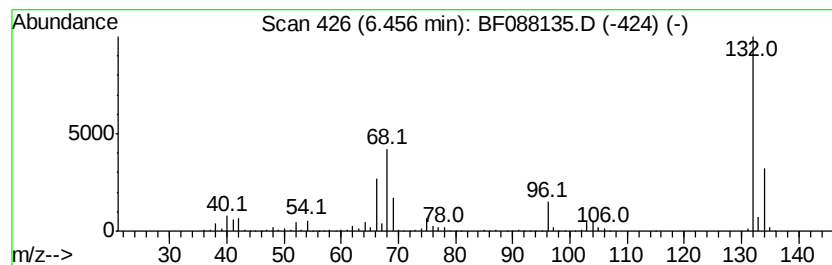
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	77.67 ng	2324610	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27		
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9		
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9		
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9		
5	5-Aminoindole	132	C8H8N2	005192-03-0	9		



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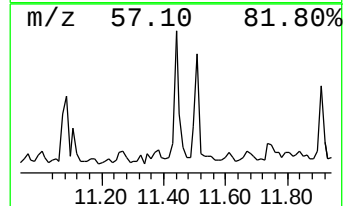
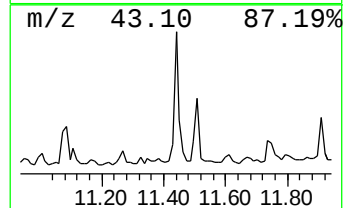
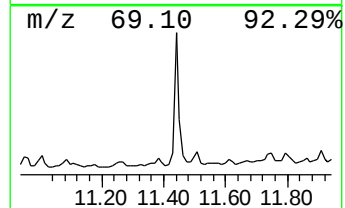
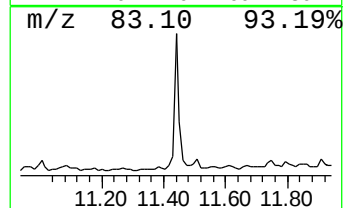
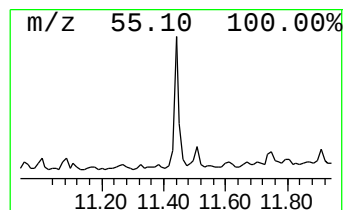
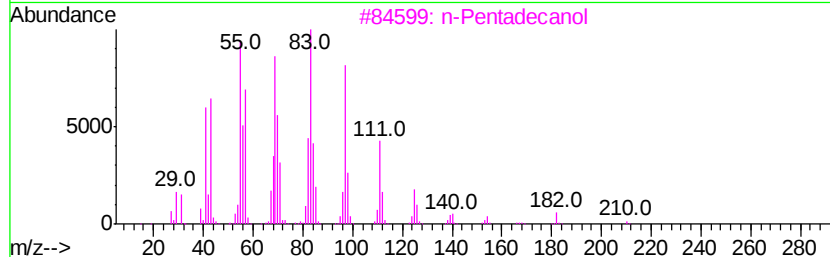
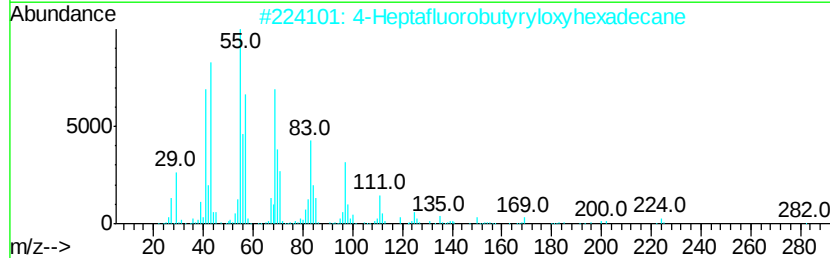
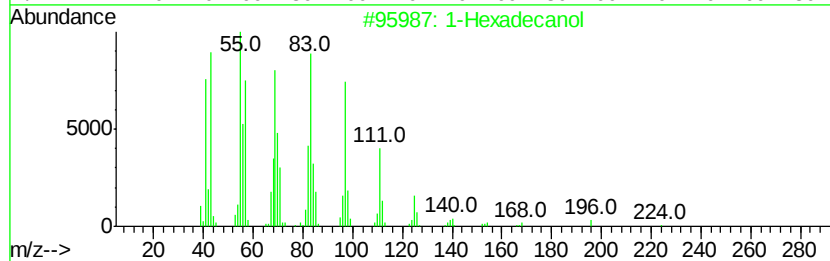
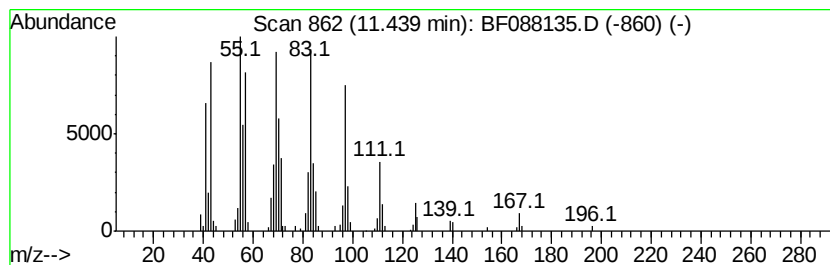
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Hexadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.44	5.37 ng	167887	Phenanthrene-d10	11.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1	Hexadecanol	242	C16H34O	036653-82-4	94
2	4	Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
3	n	Pentadecanol	228	C15H32O	000629-76-5	91
4	9	Eicosene, (E)-	280	C20H40	074685-29-3	91
5	5	Octadecene, (E)-	252	C18H36	007206-21-5	91



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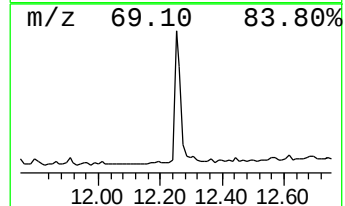
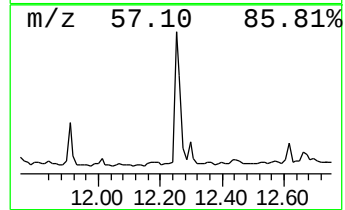
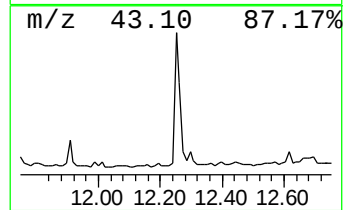
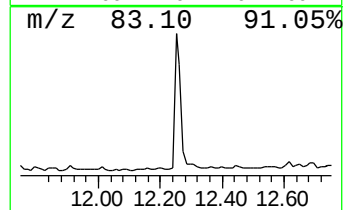
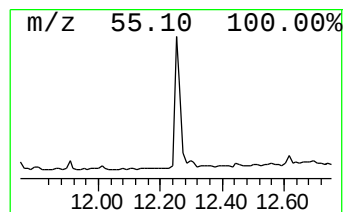
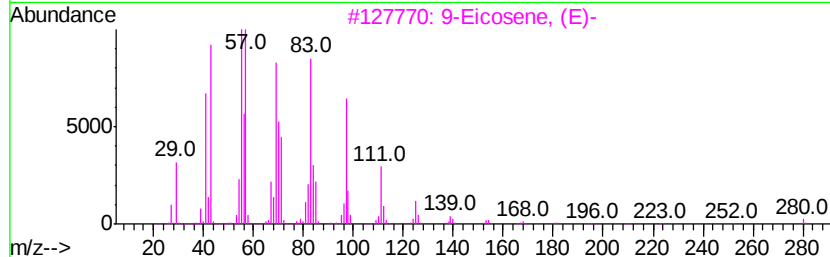
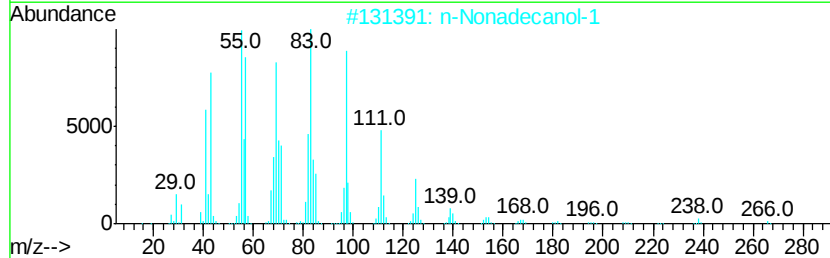
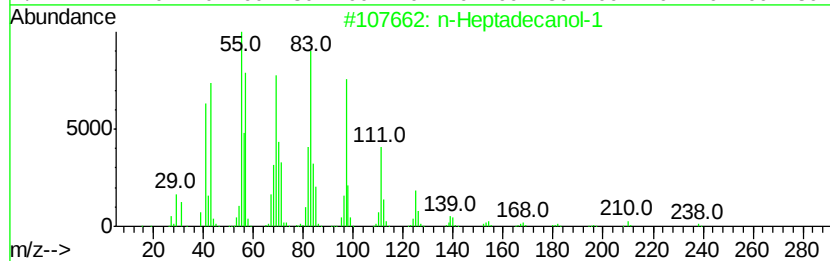
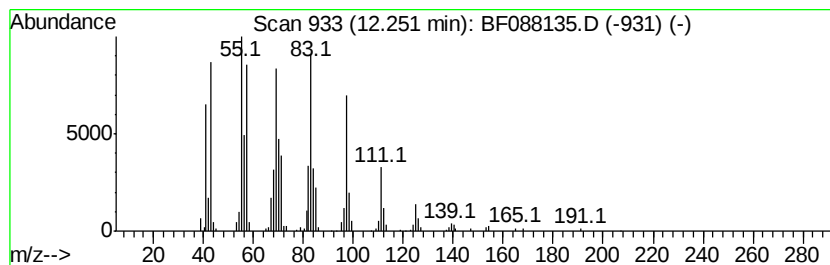
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Peak Number 8 n-Heptadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.25	11.25 ng	351639	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
4	1-Hexadecanol	242	C16H34O	036653-82-4	93
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088135.D
Acq On : 18 Jun 2016 15:43
Operator : UM/SJ
Sample : H3501-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED2-0-6

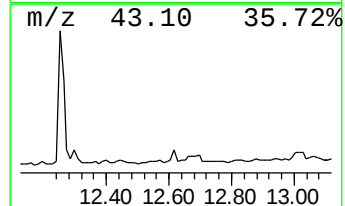
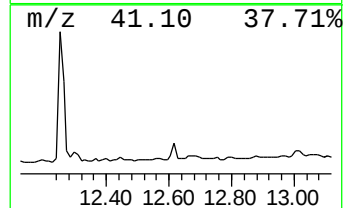
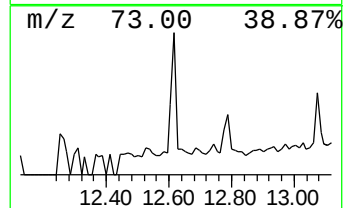
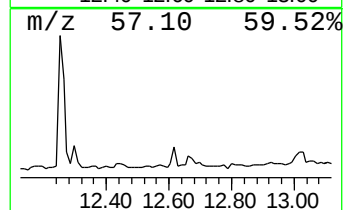
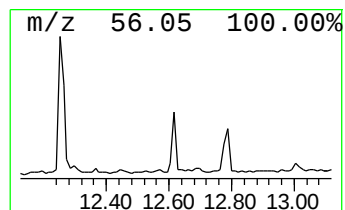
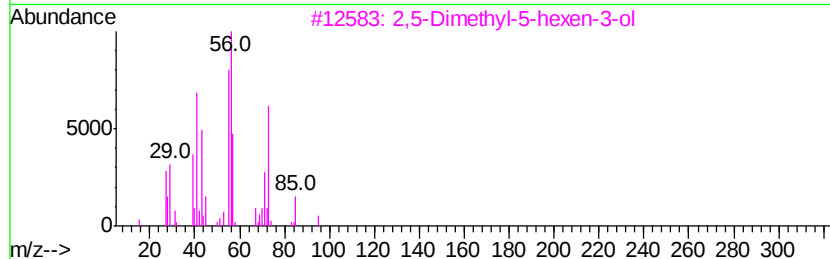
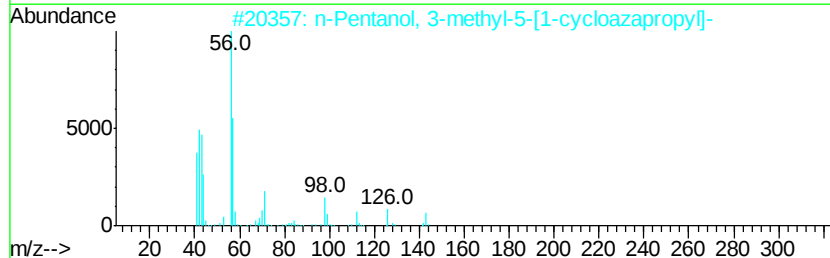
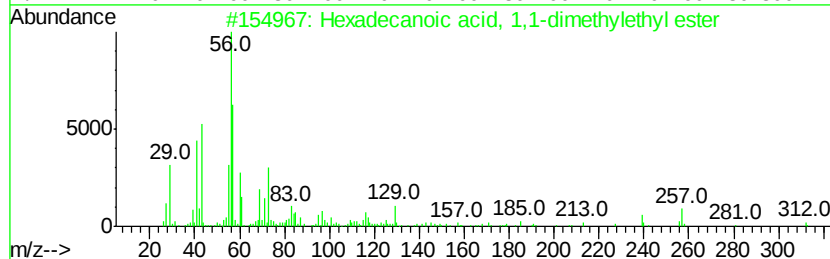
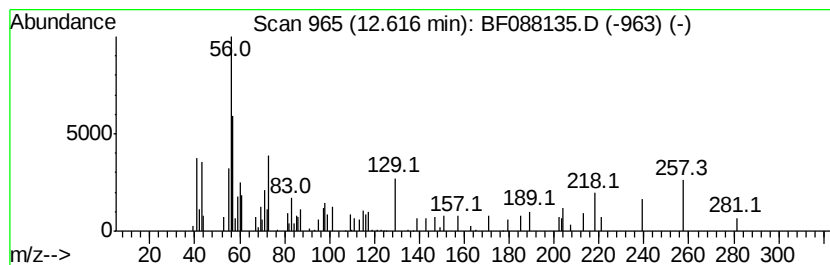
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.62 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.22 ng	78927	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	37
2		n-Pentanol, 3-methyl-5-[1-cycloa...	143	C8H17NO	1000251-59-9	30
3		2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	27
4		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	27
5		trans-2-Aminocyclohexanol	115	C6H13NO	006982-39-4	27



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Data File : BF088135.D
Acq On : 18 Jun 2016 15:43
Operator : UM/SJ
Sample : H3501-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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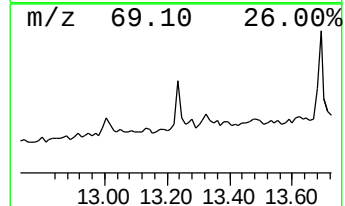
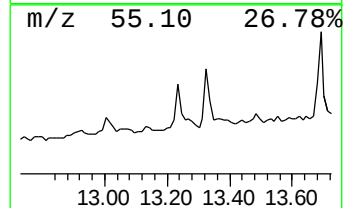
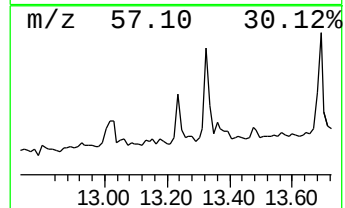
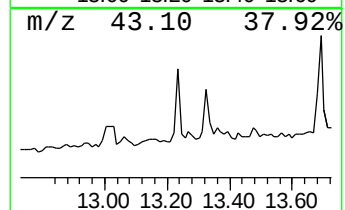
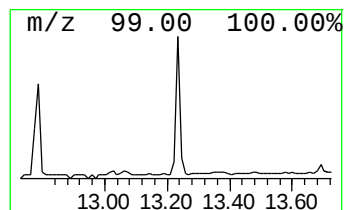
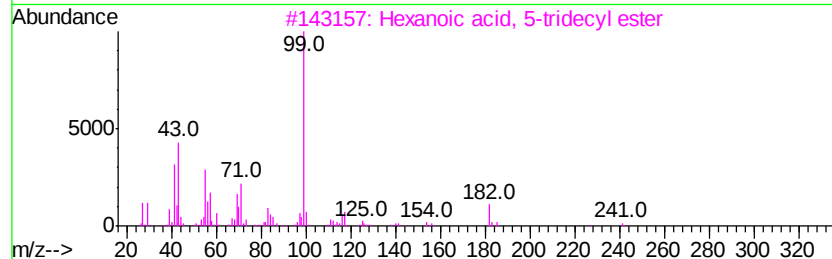
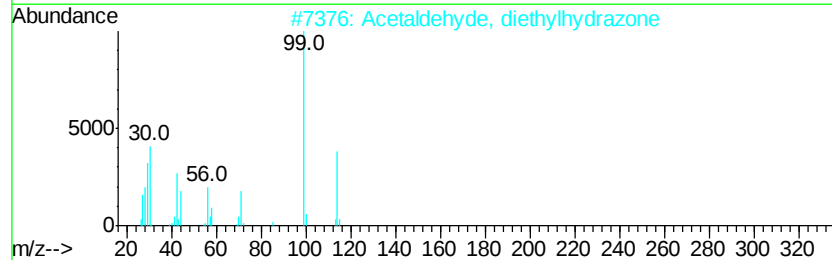
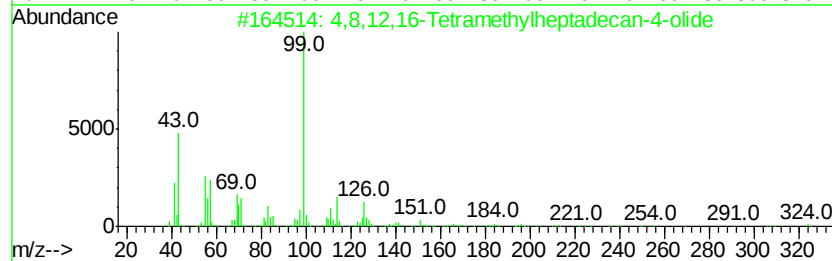
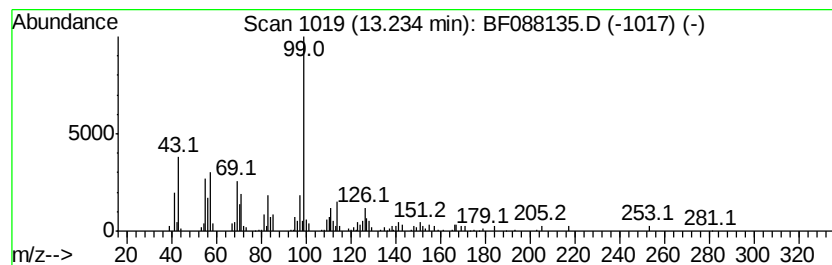
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4,8,12,16-Tetramethylheptad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.08 ng	109435	Chrysene-d12	13.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	83
2			Acetaldehyde, diethylhydrazone	114	C6H14N2	007422-91-5	53
3			Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	53
4			2(3H)-Furanone, 5-ethylidihydro-5...	128	C7H12O2	002865-82-9	47
5			2(3H)-Furanone, 5-ethylidihydro-3...	128	C7H12O2	002610-98-2	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088135.D
Acq On : 18 Jun 2016 15:43
Operator : UM/SJ
Sample : H3501-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

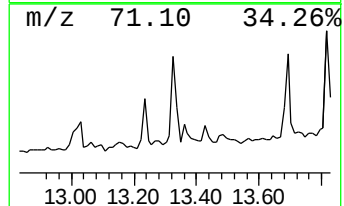
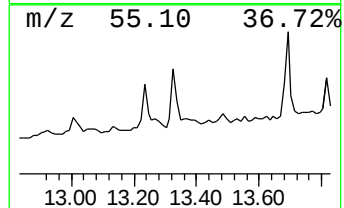
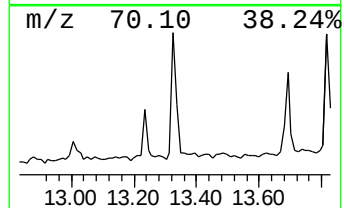
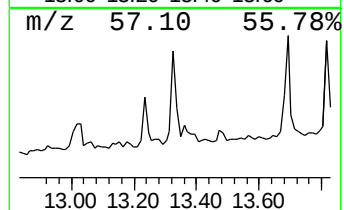
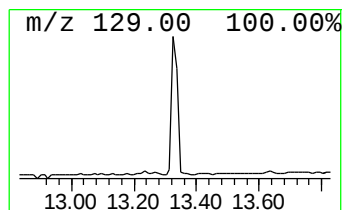
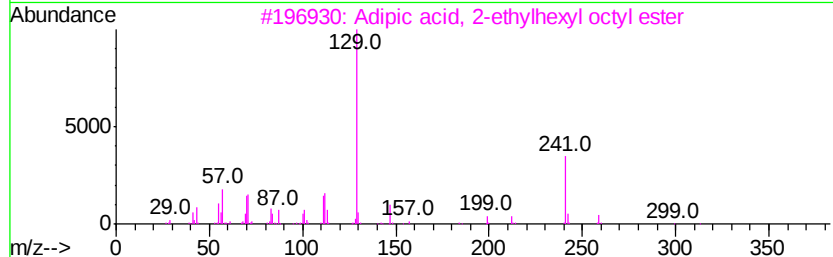
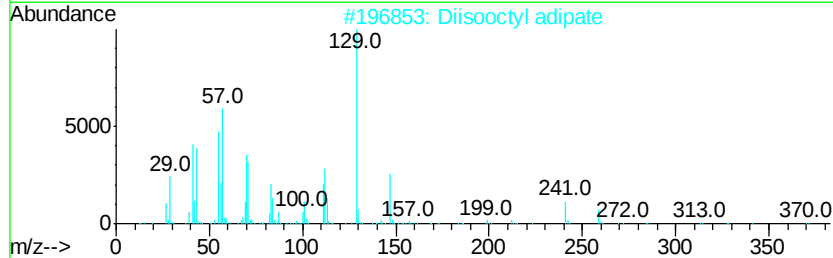
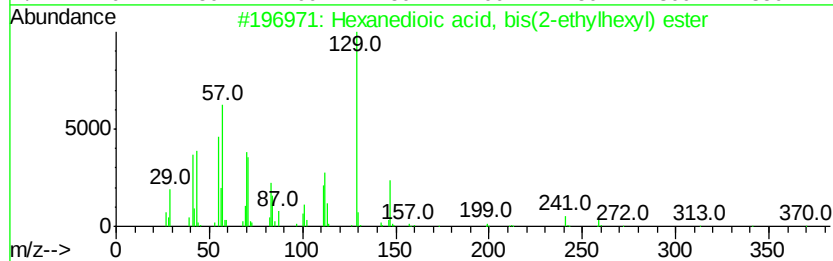
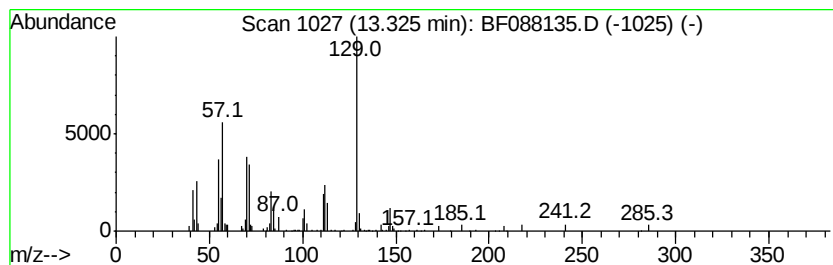
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ClientSampleId :
SED2-0-6

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexanedioic acid, bis(2-eth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.33	2.46 ng	87373	Chrysene-d12	13.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2		Diisooctyl adipate	370	C22H42O4	001330-86-5	91
3		Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	53
4		Adipic acid, cyclohexyl octyl ester	340	C20H36O4	1000324-26-3	50
5		Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088135.D
Acq On : 18 Jun 2016 15:43
Operator : UM/SJ
Sample : H3501-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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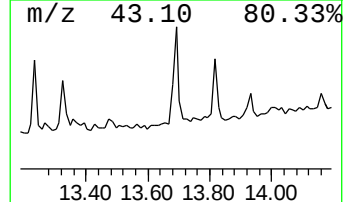
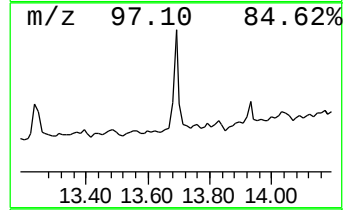
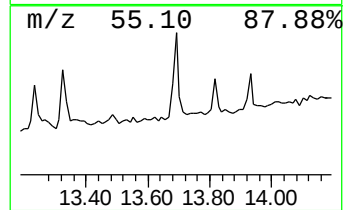
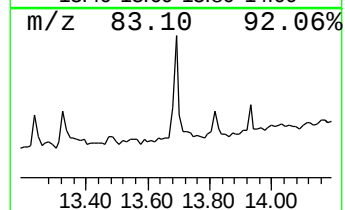
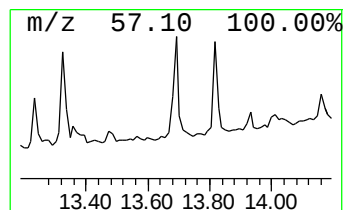
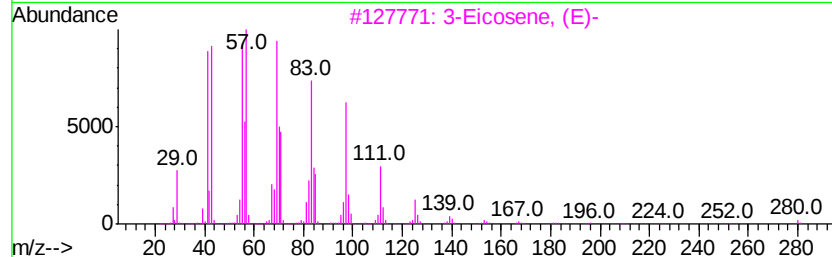
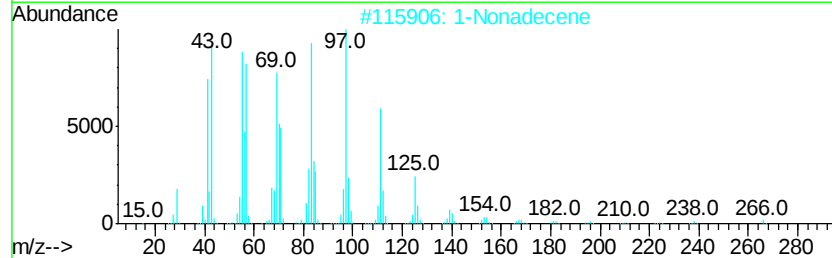
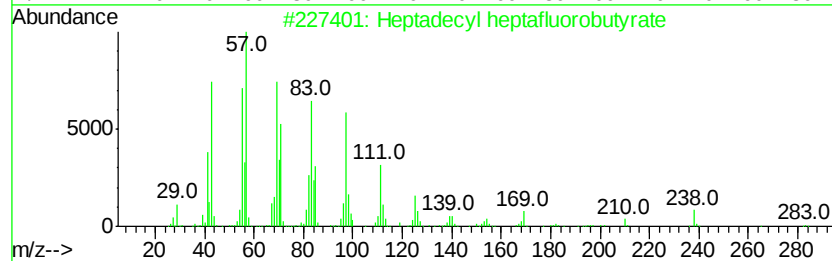
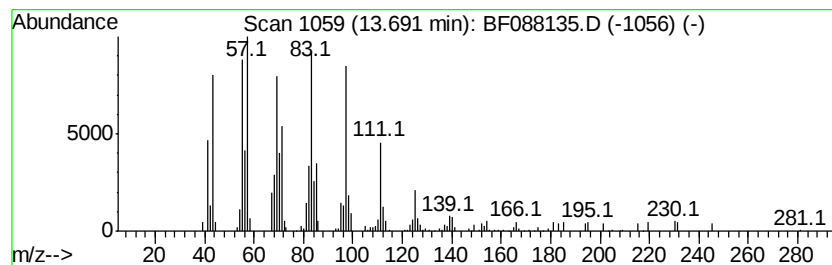
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecyl heptafluorobutyrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.31 ng	117515	Chrysene-d12	13.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
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Acq On : 18 Jun 2016 15:43
Operator : UM/SJ
Sample : H3501-08
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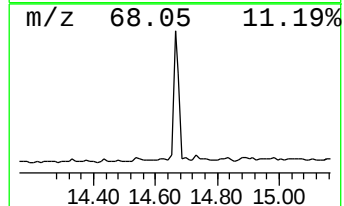
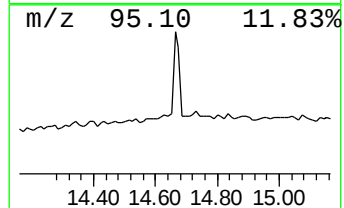
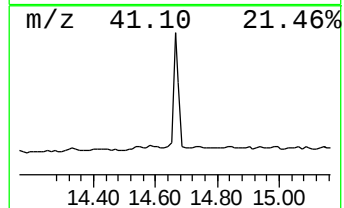
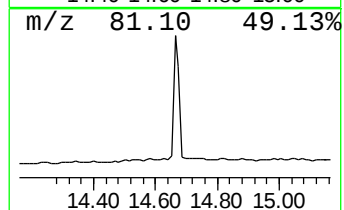
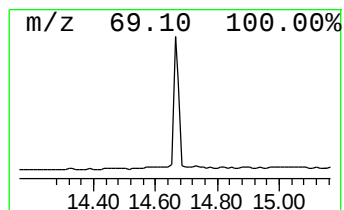
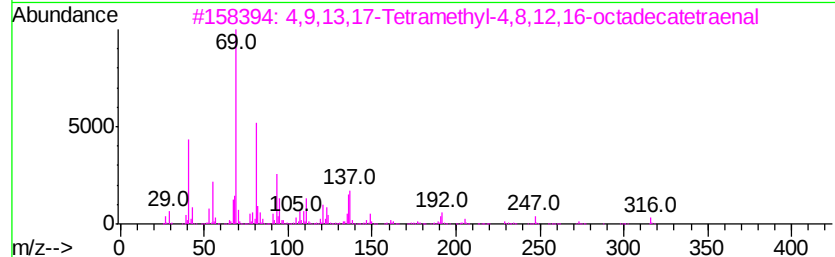
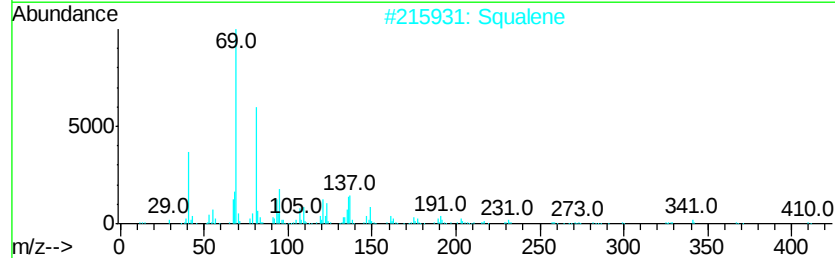
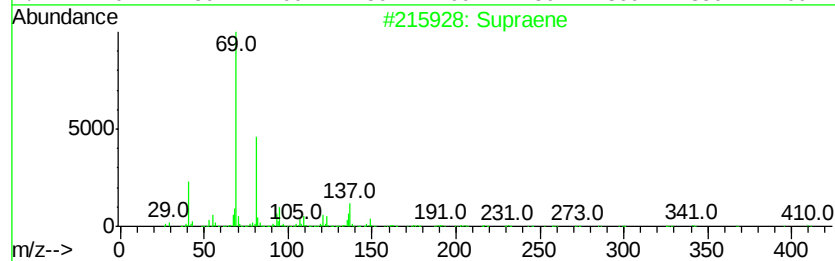
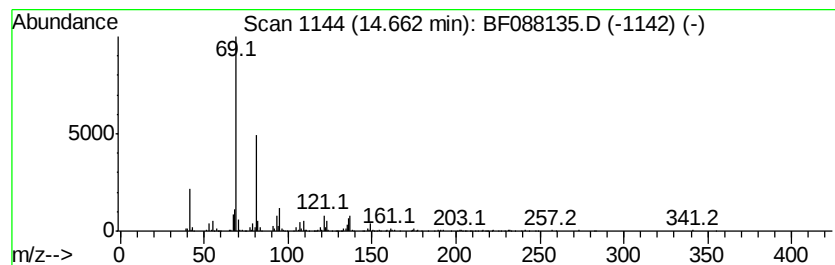
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	15.74 ng	343568	Perylene-d12	15.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene	410 C30H50	007683-64-9	91
2	Squalene	410 C30H50	000111-02-4	90
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316 C22H36O	056882-09-8	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	72
5	Cyclopropanecarboxaldehyde, 2-me...	166 C11H18O	097231-35-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
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Acq On : 18 Jun 2016 15:43
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Sample : H3501-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED2-0-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
Propane, 1,1-dime...	1.88	5.5	ng	165464	1	6.68	598606	20.0
2-Pentanone, 4-hy...	4.86	5.5	ng	163598	1	6.68	598606	20.0
unknown6.46	6.46	77.7	ng	2324610	1	6.68	598606	20.0
1-Hexadecanol	11.44	5.4	ng	167887	4	11.20	624921	20.0
n-Heptadecanol-1	12.25	11.3	ng	351639	4	11.20	624921	20.0
unknown12.62	12.62	2.2	ng	78927	5	13.83	710445	20.0
4,8,12,16-Tetrame...	13.23	3.1	ng	109435	5	13.83	710445	20.0
Hexanedioic acid,...	13.33	2.5	ng	87373	5	13.83	710445	20.0
Heptadecyl heptaf...	13.69	3.3	ng	117515	5	13.83	710445	20.0
Supraene	14.66	15.7	ng	343568	6	15.21	436693	20.0