

Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
 Data File : BF093716.D
 Acq On : 16 Mar 2017 19:51
 Operator : SJ/MA
 Sample : I2258-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRINNELL-TOPSOIL

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-BF030717.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	4.207	200	203	213	rBV4	12243	56199	1.10%	0.120%
2	4.836	256	258	276	rBV	1873402	3212746	62.60%	6.869%
3	5.293	295	298	321	rBV	3488031	5108615	99.54%	10.923%
4	5.693	331	333	342	rBV	115758	208148	4.06%	0.445%
5	6.356	388	391	399	rBV	4078628	5132163	100.00%	10.973%
6	6.470	399	401	403	rBV	3723111	4786632	93.27%	10.235%
7	6.687	419	420	428	rBV	768014	1116481	21.75%	2.387%
8	6.847	432	434	446	rBV	3688489	3720629	72.50%	7.955%
9	7.270	469	471	485	rBV	2965119	3206097	62.47%	6.855%
10	7.990	531	534	546	rVB	1095532	1434113	27.94%	3.066%
11	9.065	625	628	631	rBV	4675423	4839089	94.29%	10.347%
12	9.465	661	663	666	rBV	439349	471833	9.19%	1.009%
13	9.739	684	687	690	rBV	1595216	1638463	31.93%	3.503%
14	10.162	723	724	726	rVB	79637	103619	2.02%	0.222%
15	10.379	740	743	747	rBV	39853	77162	1.50%	0.165%
16	10.528	754	756	759	rBV2	2149732	2623727	51.12%	5.610%
17	10.642	764	766	770	rVB	145128	206330	4.02%	0.441%
18	11.088	802	805	806	rBV	102036	114336	2.23%	0.244%
19	11.225	815	817	819	rBV	1359222	1656592	32.28%	3.542%
20	11.762	861	864	870	rBV2	52503	119852	2.34%	0.256%
21	12.802	952	955	958	rBV	3875581	3924836	76.48%	8.392%
22	13.740	1030	1037	1043	rBV6	29189	142827	2.78%	0.305%
23	13.854	1045	1047	1058	rVB	1161547	1356581	26.43%	2.901%
24	14.665	1116	1118	1121	rVB	49663	51517	1.00%	0.110%
25	14.905	1135	1139	1142	rBV2	92419	121478	2.37%	0.260%
26	15.248	1167	1169	1180	rVB	568469	1023382	19.94%	2.188%
27	15.614	1198	1201	1206	rVB	99407	158305	3.08%	0.338%
28	16.048	1236	1239	1246	rVB2	35755	77697	1.51%	0.166%
29	16.563	1280	1284	1288	rBV	37586	79640	1.55%	0.170%

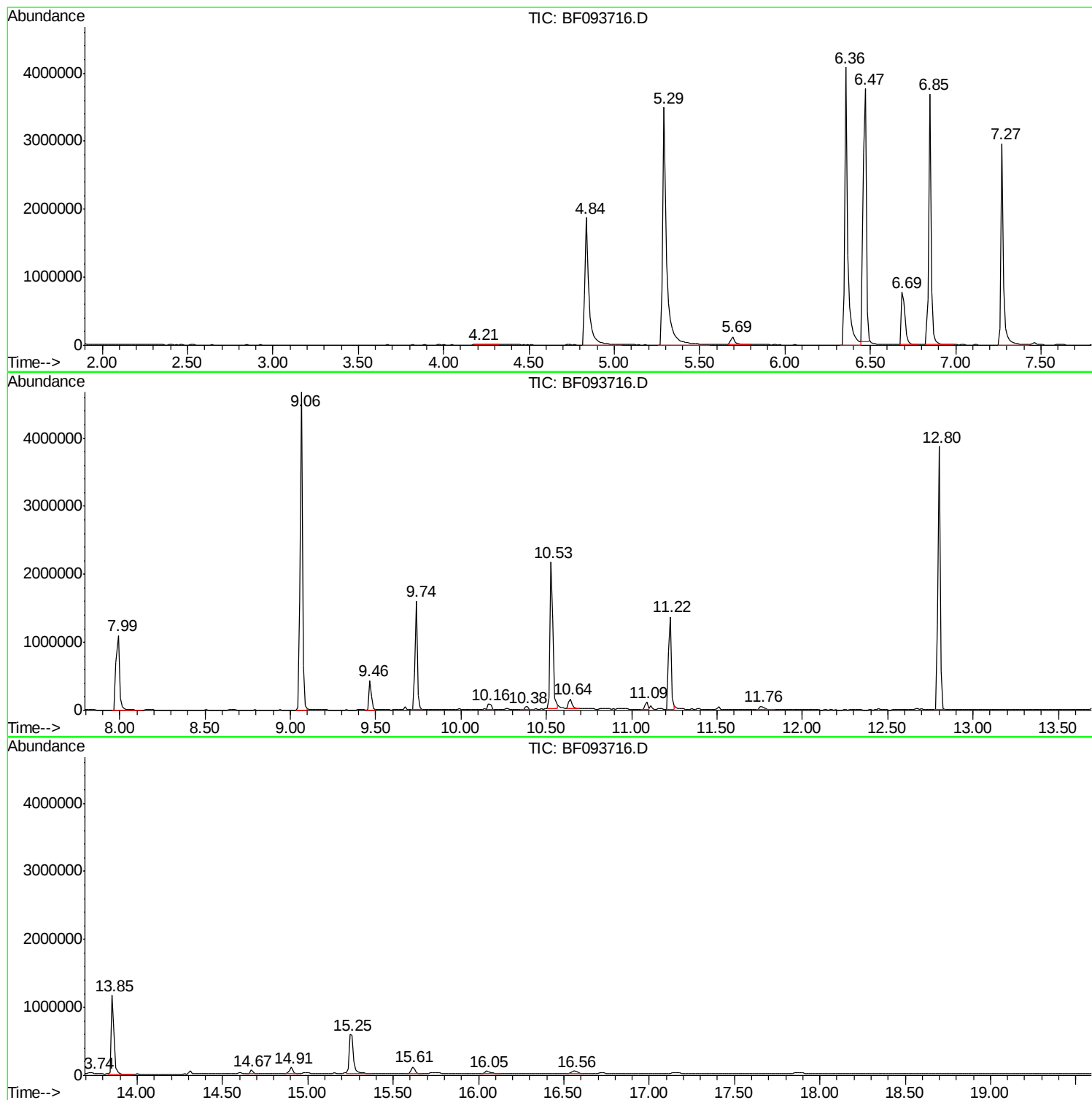
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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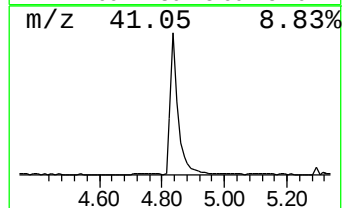
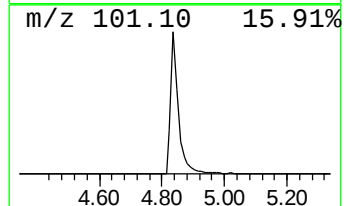
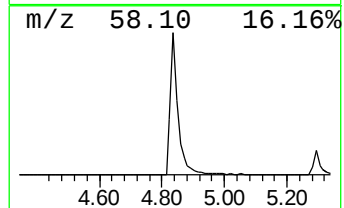
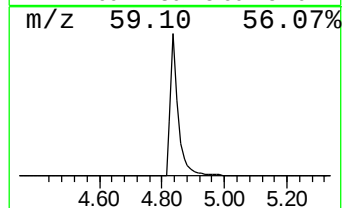
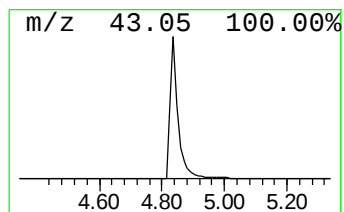
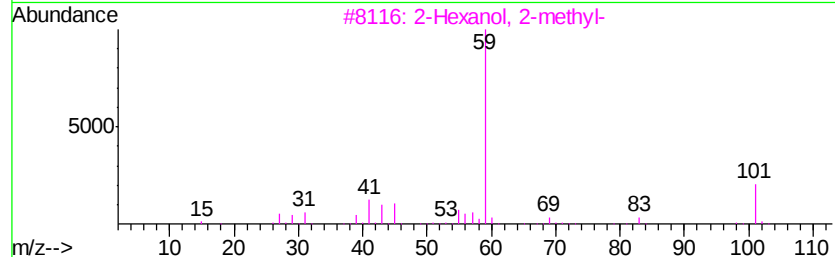
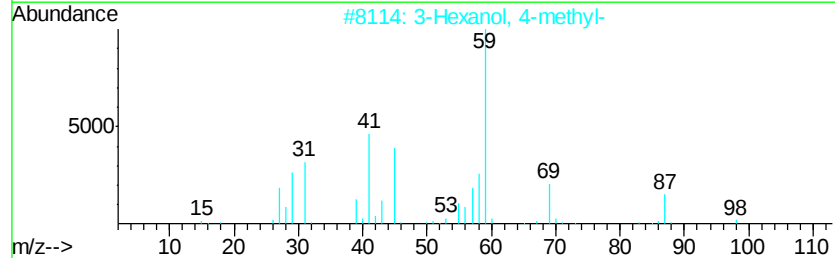
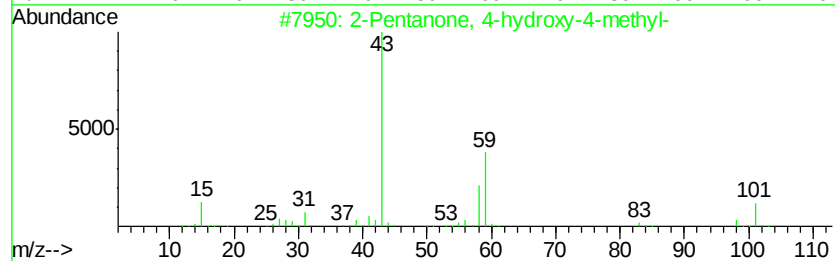
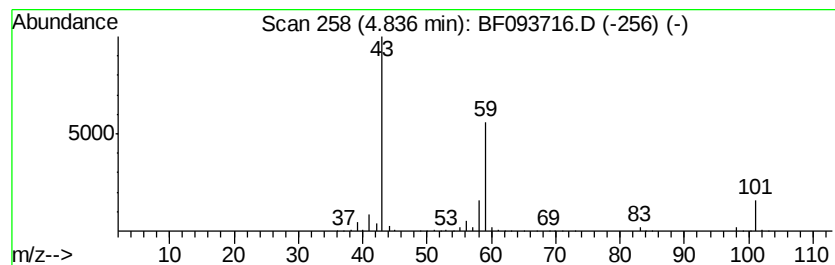
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	57.55 ng	3212750	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5			tert-Butyl carbamate	117	C5H11NO2	004248-19-5	9



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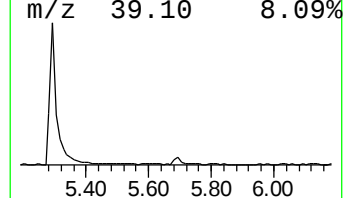
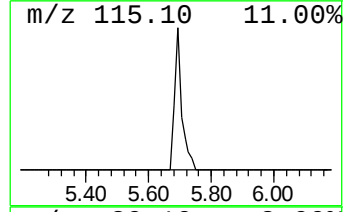
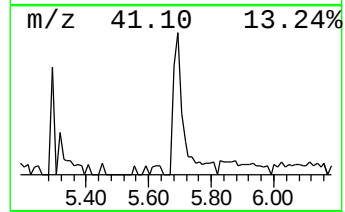
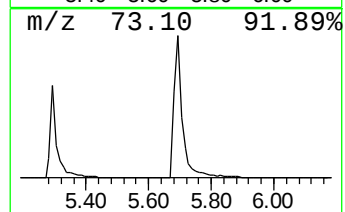
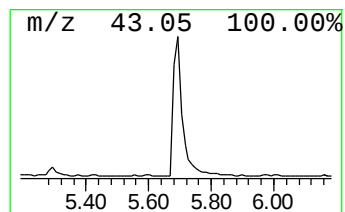
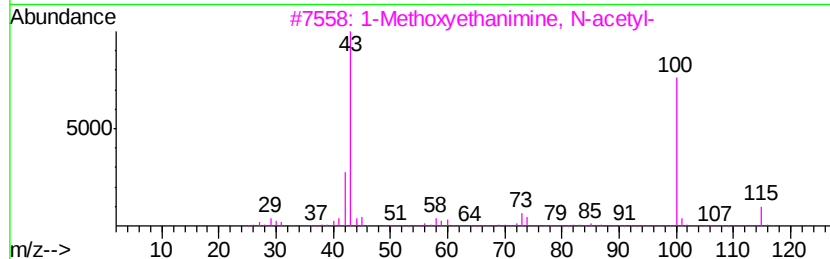
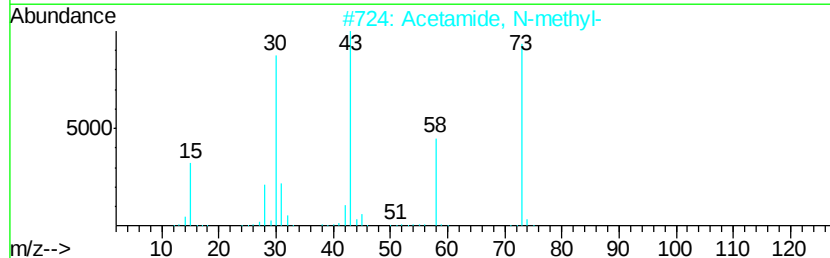
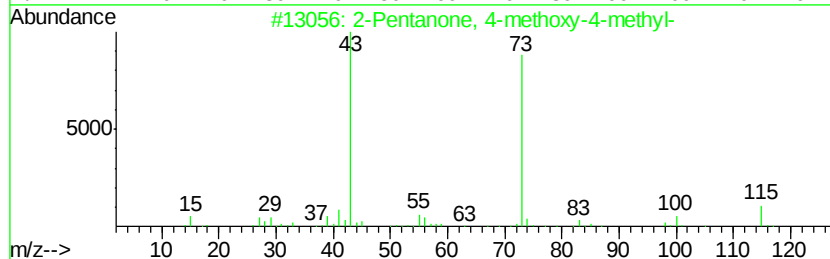
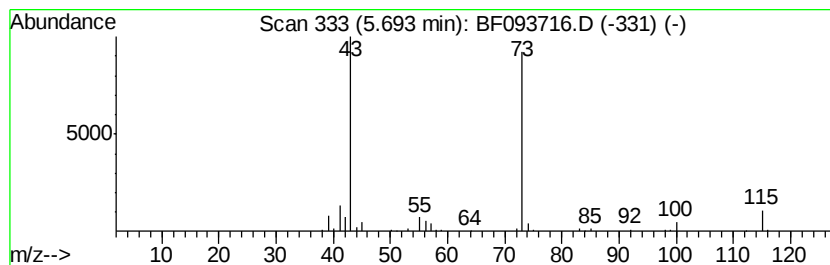
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Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	3.73 ng	208148	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	49
3		1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	28
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17
5		1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	16



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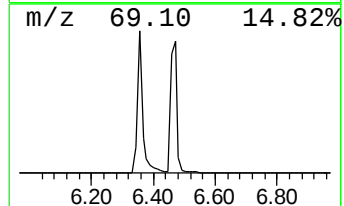
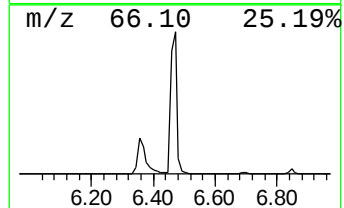
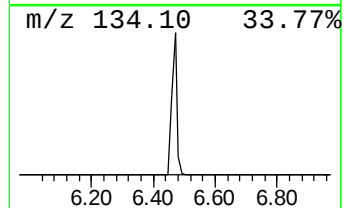
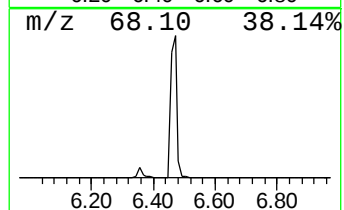
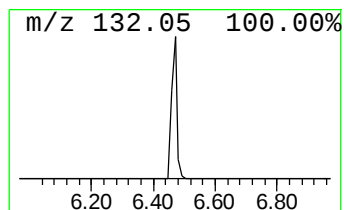
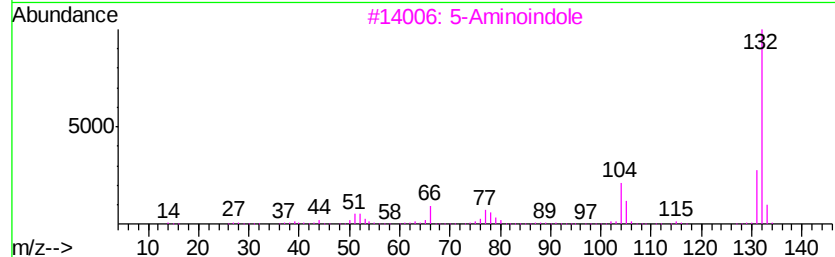
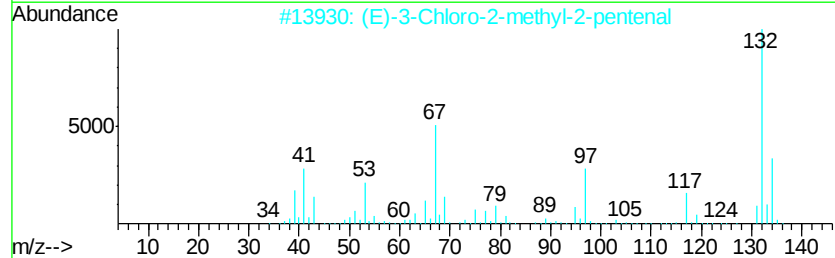
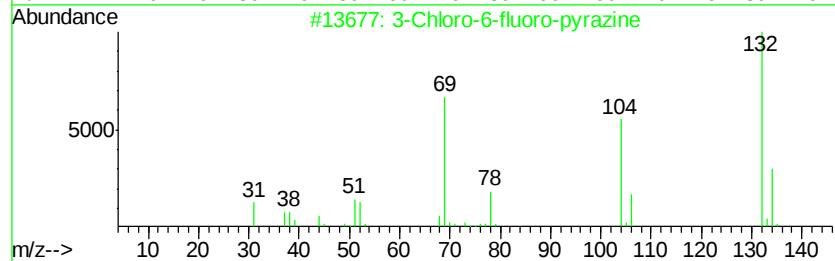
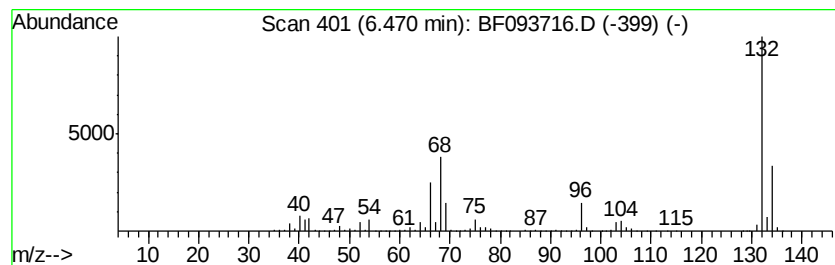
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Peak Number 3 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	85.75 ng	4786630	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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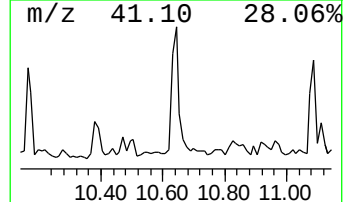
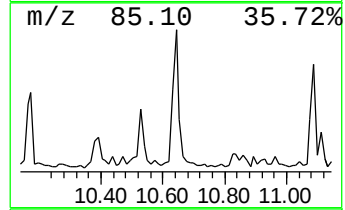
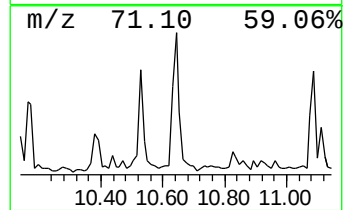
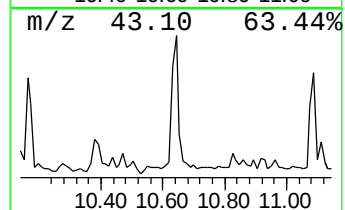
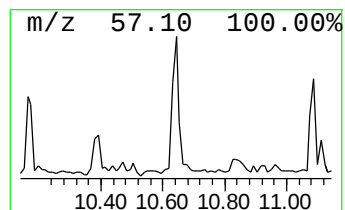
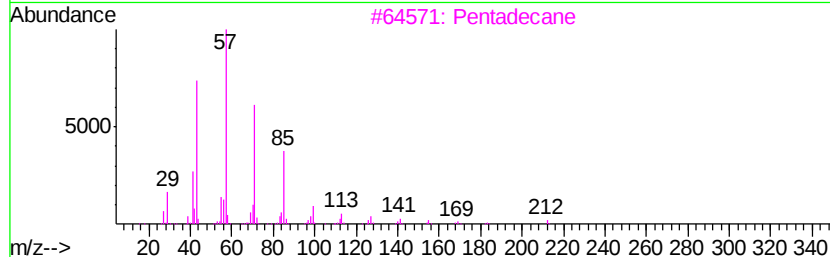
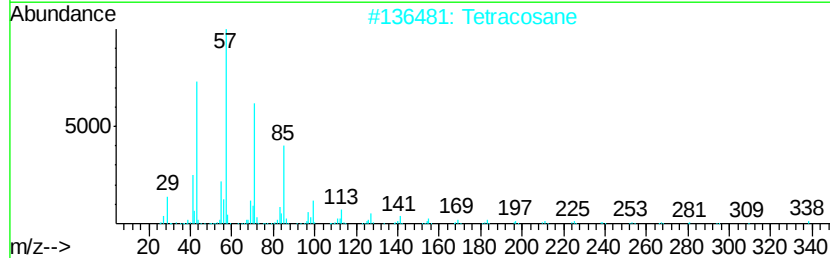
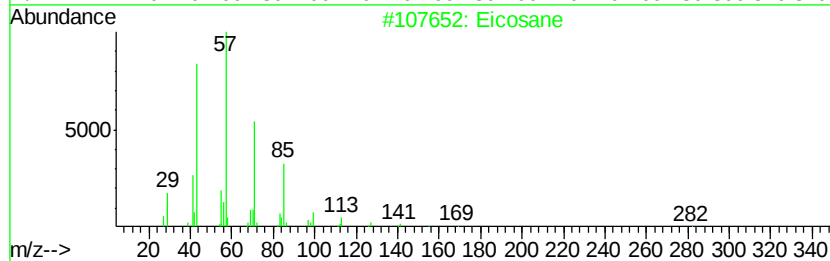
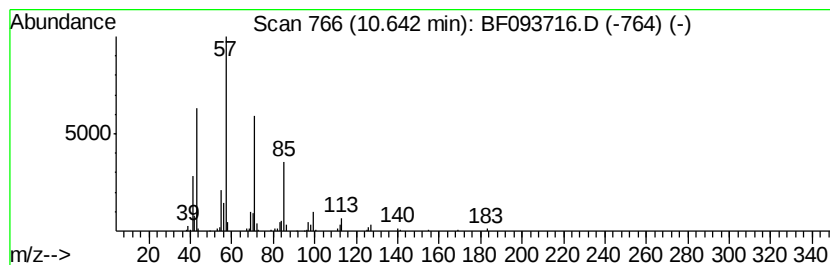
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Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.64	2.49 ng	206330	Phenanthrene-d10		11.23		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Heptacosane	380	C27H56	000593-49-7	90
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



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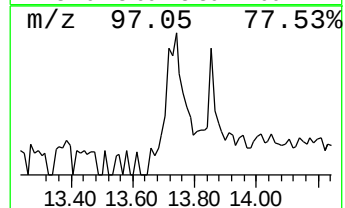
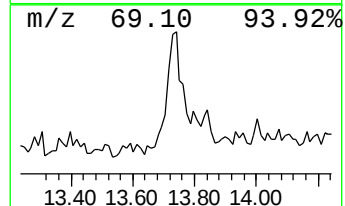
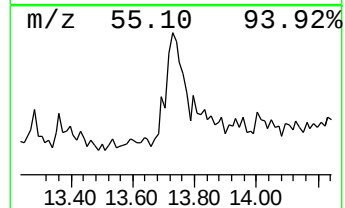
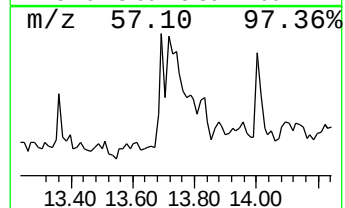
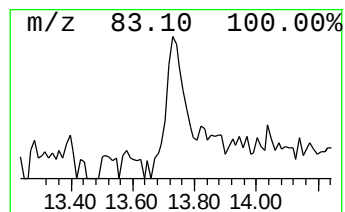
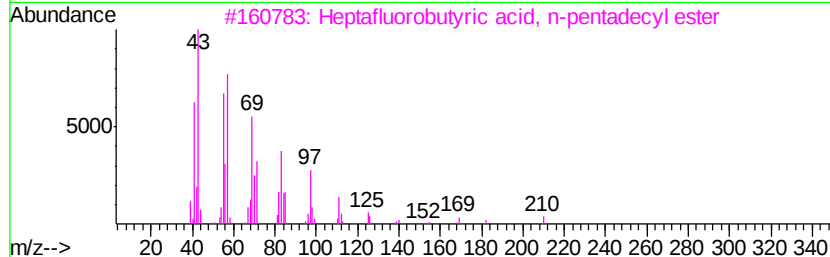
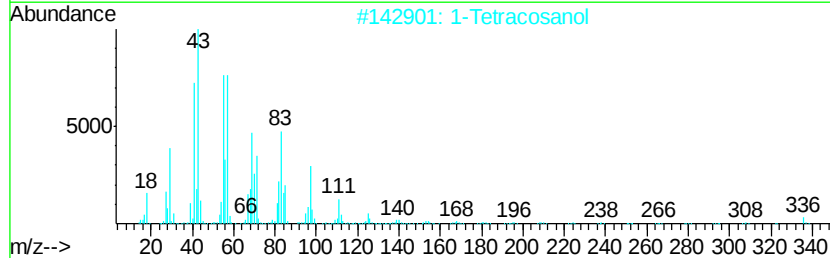
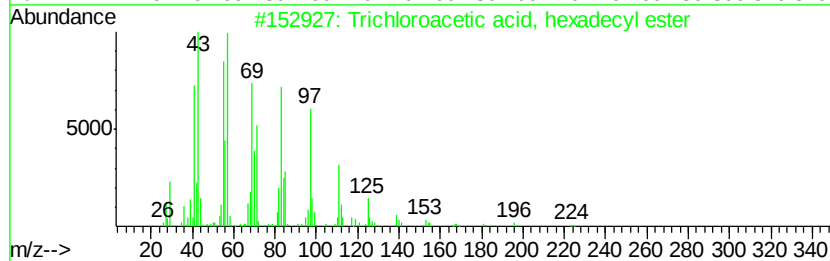
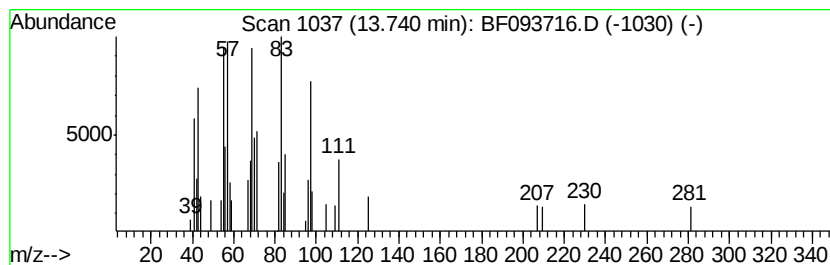
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Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.74	2.11 ng	142827	Chrysene-d12	13.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
2	1-Tetracosanol	354	C24H50O	000506-51-4	80
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	80
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	80
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	80



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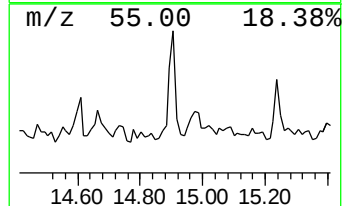
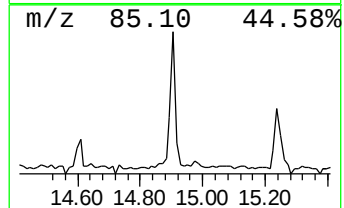
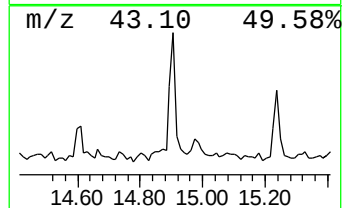
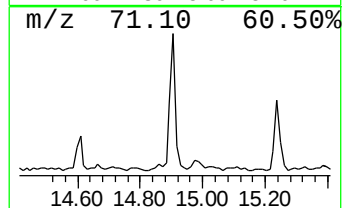
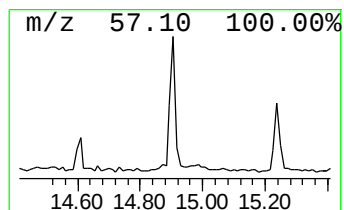
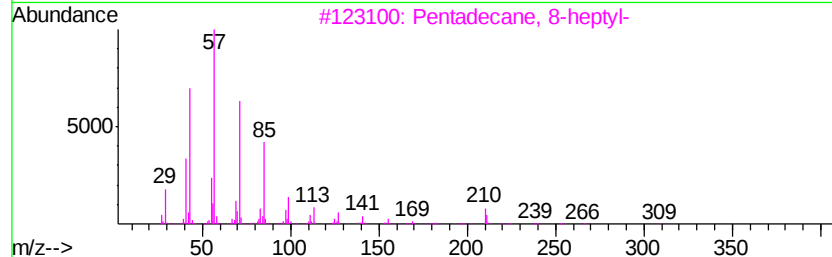
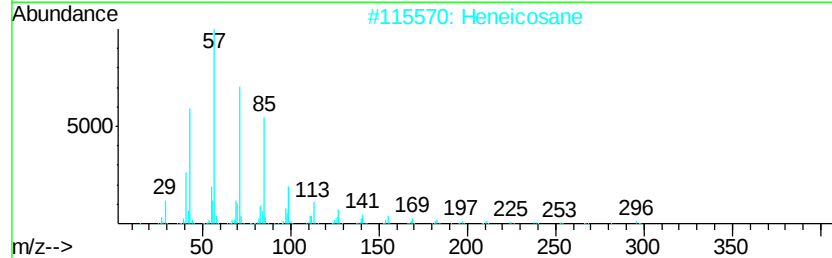
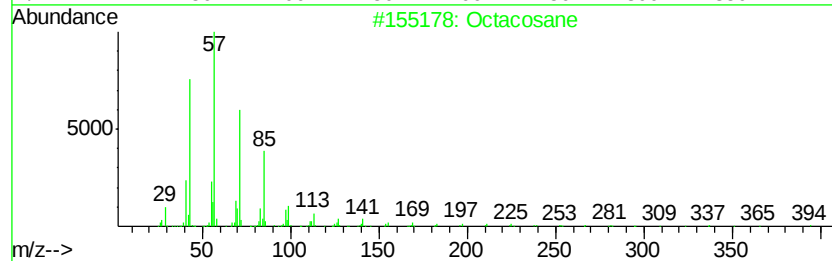
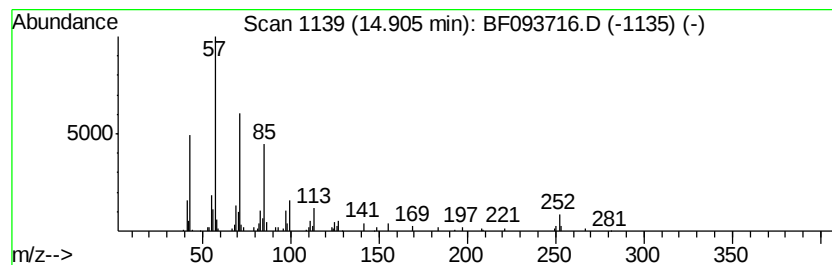
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.37 ng	121478	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Nonacosane	408	C29H60	000630-03-5	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093716.D
Acq On : 16 Mar 2017 19:51
Operator : SJ/MA
Sample : I2258-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRINNELL-TOPSOIL

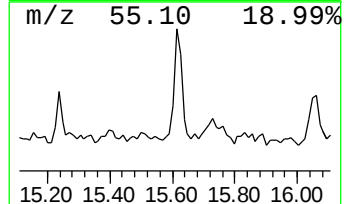
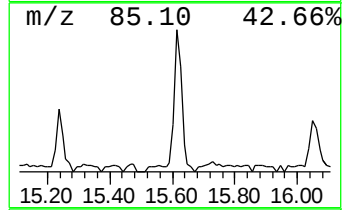
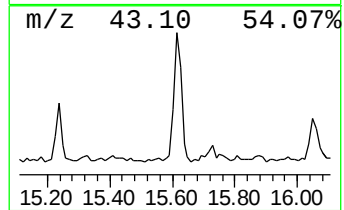
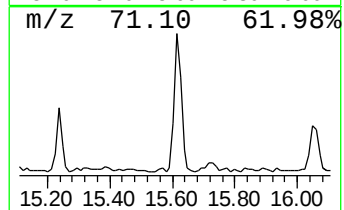
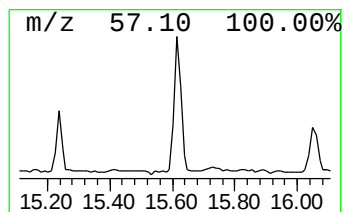
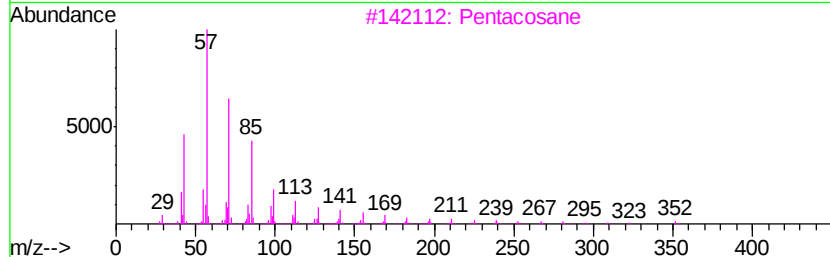
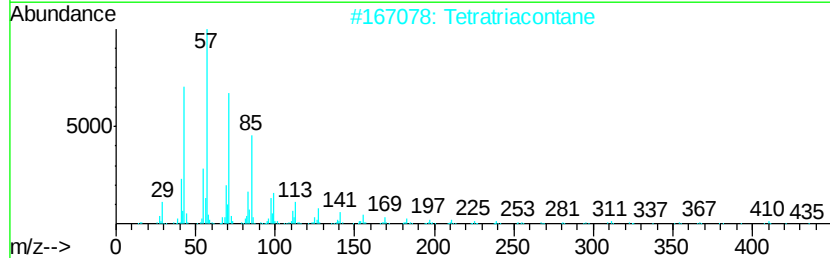
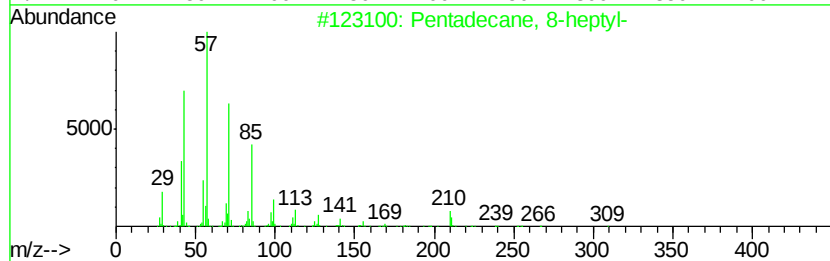
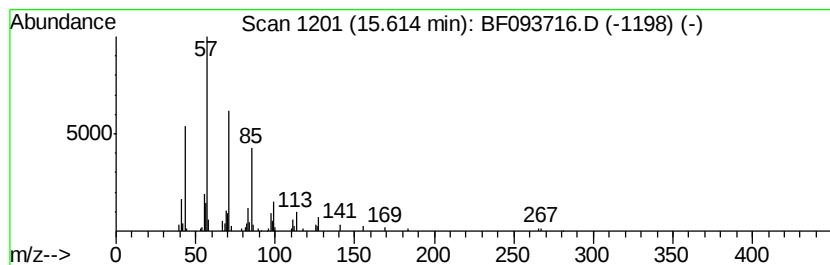
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 8-heptyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.09 ng	158305	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91	
2	Tetratriacontane	479	C34H70	014167-59-0	90	
3	Pentacosane	352	C25H52	000629-99-2	90	
4	Eicosane	282	C20H42	000112-95-8	87	
5	Tetracosane	338	C24H50	000646-31-1	87	



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031617\
Data File : BF093716.D
Acq On : 16 Mar 2017 19:51
Operator : SJ/MA
Sample : I2258-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRINNELL-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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
2-Pentanone, 4-hy...	4.84	57.5	ng	3212750	1	6.70	1116480	20.0
2-Pentanone, 4-me...	5.69	3.7	ng	208148	1	6.70	1116480	20.0
unknown6.47	6.47	85.8	ng	4786630	1	6.70	1116480	20.0
Eicosane	10.64	2.5	ng	206330	4	11.23	1656590	20.0
Trichloroacetic a...	13.74	2.1	ng	142827	5	13.85	1356580	20.0
Octacosane	14.91	2.4	ng	121478	6	15.26	1023380	20.0
Pentadecane, 8-he...	15.61	3.1	ng	158305	6	15.26	1023380	20.0