

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
 Data File : BF093407.D
 Acq On : 6 Mar 2017 18:13
 Operator : SJ/MA
 Sample : I2088-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-004-B

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-BF013017.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	1.978	6	8	20	rVB	113916	181556	2.79%	0.337%
2	4.939	265	267	282	rBV	683859	1203060	18.50%	2.233%
3	5.373	303	305	308	rBV	4691859	5442119	83.67%	10.100%
4	6.436	395	398	400	rBV	4962932	6504211	100.00%	12.071%
5	6.550	405	408	410	rBV	5344888	5805367	89.26%	10.774%
6	6.767	425	427	430	rBV	840594	1180412	18.15%	2.191%
7	6.927	439	441	444	rBV	4040334	4111778	63.22%	7.631%
8	7.350	475	478	480	rBV	3806567	4081988	62.76%	7.576%
9	8.059	537	540	542	rBV	1777356	1565892	24.08%	2.906%
10	9.133	631	634	637	rBV	5019953	5227215	80.37%	9.701%
11	9.533	667	669	671	rBV	412770	369222	5.68%	0.685%
12	9.739	685	687	691	rBV2	62485	82655	1.27%	0.153%
13	9.808	691	693	695	rBV	1797070	1591682	24.47%	2.954%
14	10.242	727	731	732	rBV	77624	120233	1.85%	0.223%
15	10.596	760	762	765	rBV2	1852903	2457867	37.79%	4.562%
16	10.711	770	772	776	rVB	135180	183490	2.82%	0.341%
17	11.156	809	811	812	rBV	127982	120561	1.85%	0.224%
18	11.293	821	823	824	rBV	1569494	1419551	21.83%	2.635%
19	11.373	827	830	832	rVB	134444	152911	2.35%	0.284%
20	11.796	865	867	868	rBV	89694	80562	1.24%	0.150%
21	11.819	868	869	871	rVV	84581	100396	1.54%	0.186%
22	11.899	875	876	881	rVB	96315	201552	3.10%	0.374%
23	12.334	912	914	916	rBV2	177841	240280	3.69%	0.446%
24	12.379	916	918	921	rVB2	43076	73540	1.13%	0.136%
25	12.436	921	923	927	rBV2	40043	68417	1.05%	0.127%
26	12.505	927	929	931	rBV	1041987	919336	14.13%	1.706%
27	12.688	943	945	947	rBV2	137785	234649	3.61%	0.435%
28	12.734	947	949	951	rVV	989224	909237	13.98%	1.687%
29	12.768	951	952	957	rVB3	41534	71754	1.10%	0.133%
30	12.882	959	962	964	rBV	2886759	3894321	59.87%	7.228%
31	12.962	966	969	971	rBV2	57103	126053	1.94%	0.234%
32	13.065	974	978	980	rBV	81578	147235	2.26%	0.273%
33	13.168	985	987	990	rBV	80263	117193	1.80%	0.218%
34	13.396	1005	1007	1009	rVB	156373	145724	2.24%	0.270%

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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

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35	13.579	1021	1023	1026	rBV	59379	93138	1.43%	0.173%
36	13.762	1038	1039	1044	rVB2	165476	275777	4.24%	0.512%
37	13.934	1051	1054	1055	rBV2	1097805	1445043	22.22%	2.682%
38	14.951	1140	1143	1150	rBV	341752	976507	15.01%	1.812%
39	15.225	1165	1167	1171	rVB	215981	309484	4.76%	0.574%
40	15.282	1171	1172	1175	rVB	253531	348093	5.35%	0.646%
41	15.340	1175	1177	1180	rBV	697378	1043563	16.04%	1.937%
42	16.723	1295	1298	1302	rVB	138782	258134	3.97%	0.479%

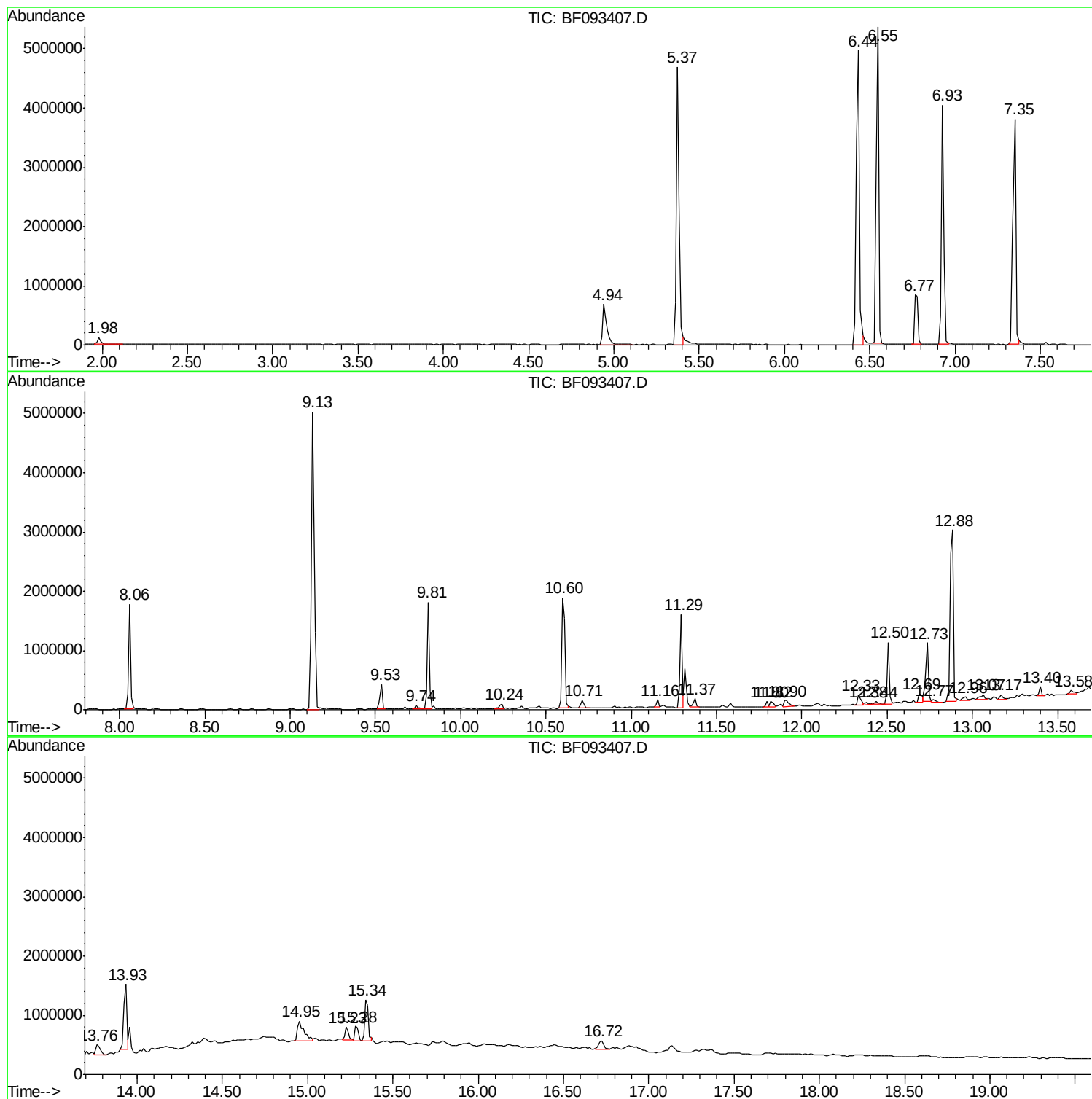
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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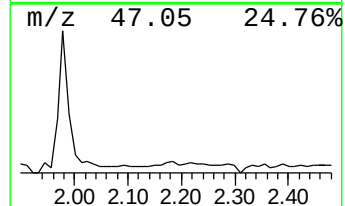
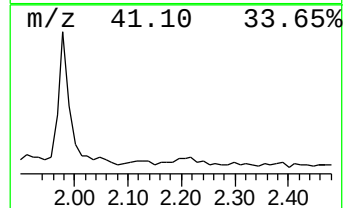
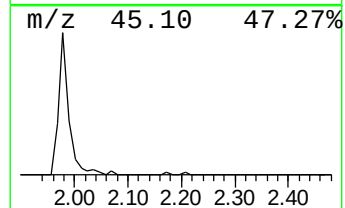
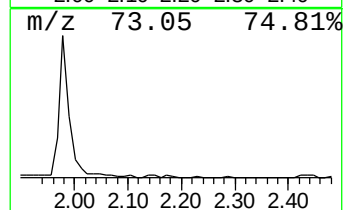
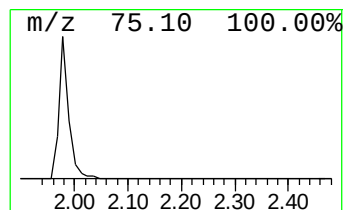
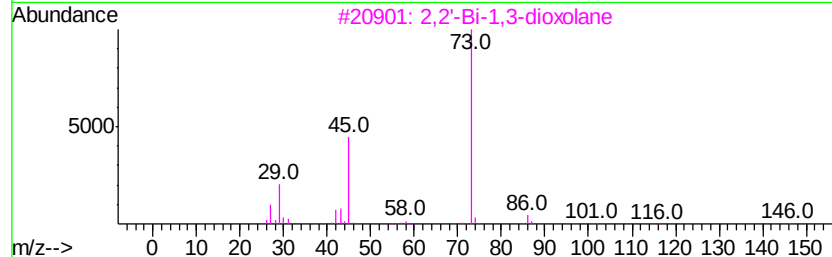
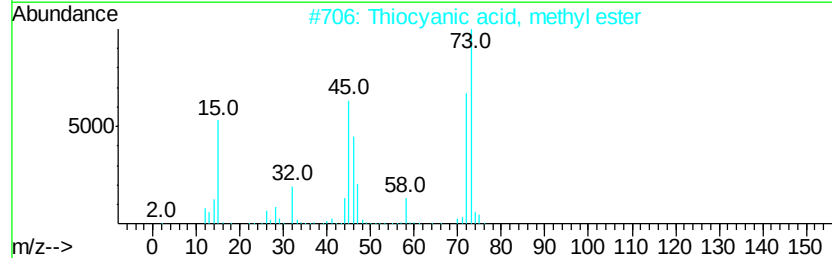
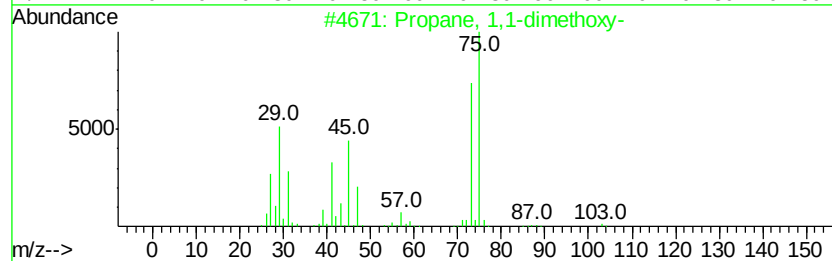
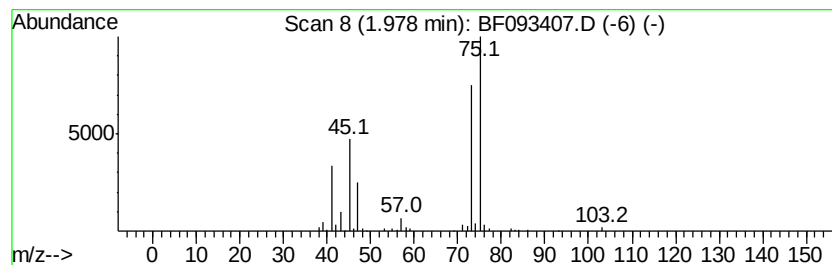
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
1.98	3.08 ng	181556	1,4-Dichlorobenzene-d4	6.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
3	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9
4	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	9
5	Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	9



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Instrument :
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ClientSampled :
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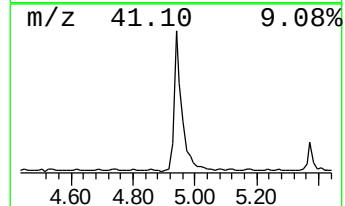
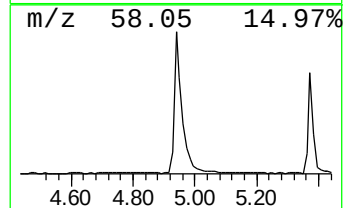
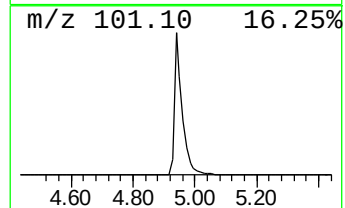
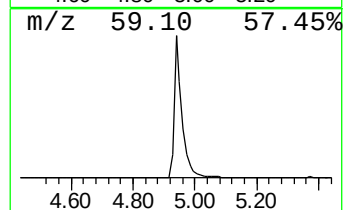
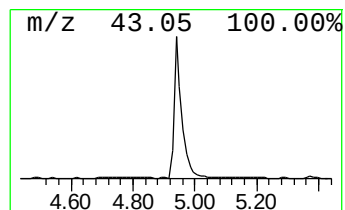
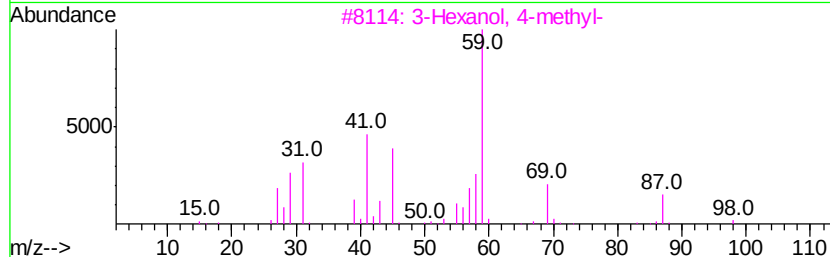
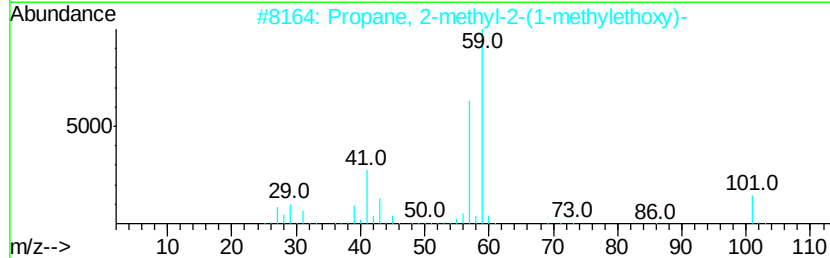
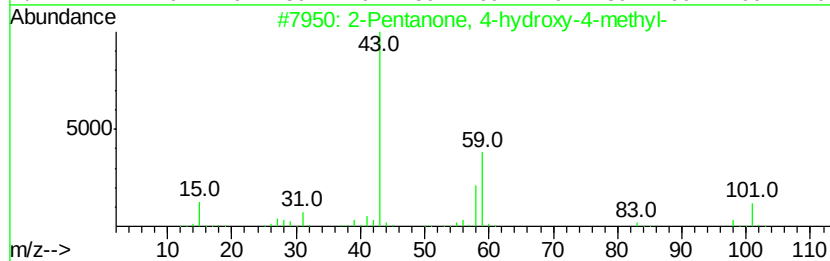
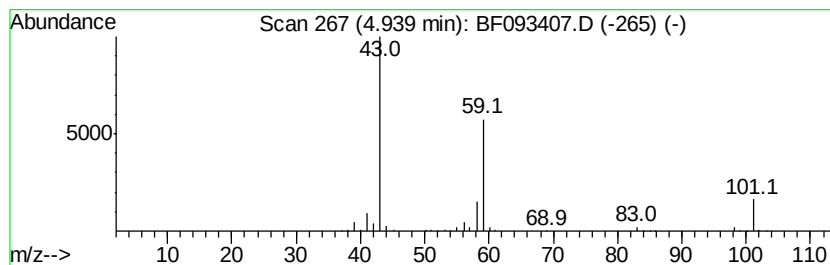
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	20.38 ng	1203060	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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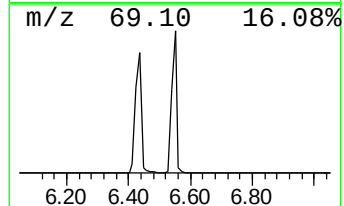
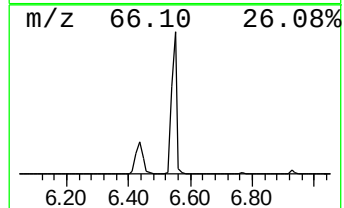
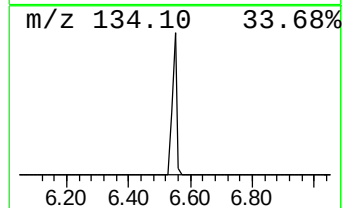
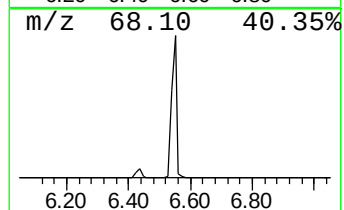
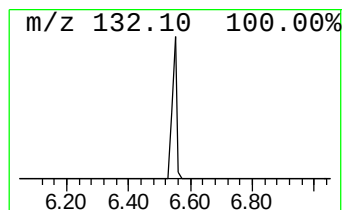
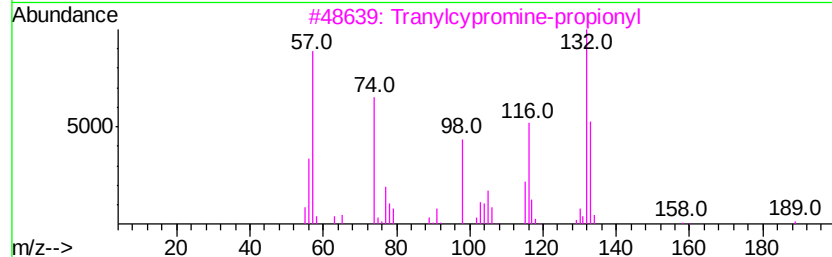
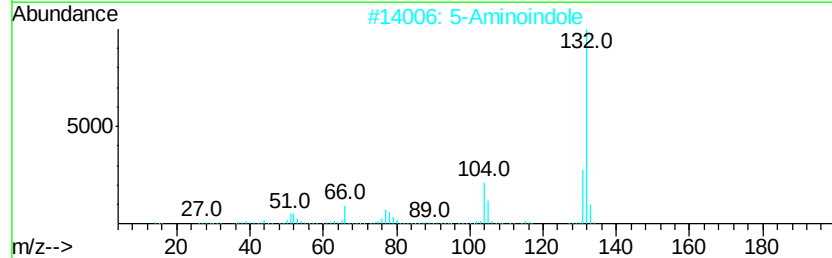
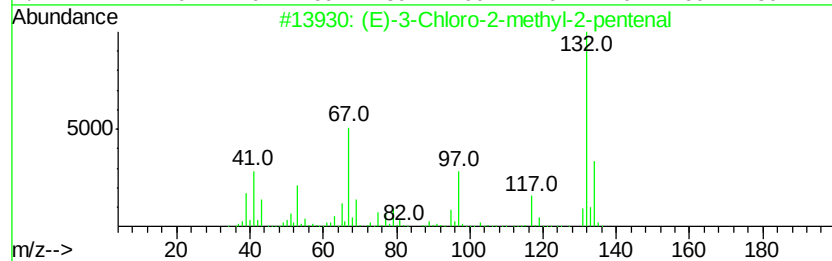
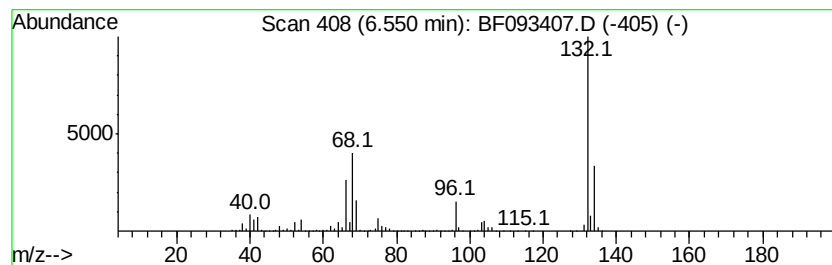
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	98.36 ng	5805370	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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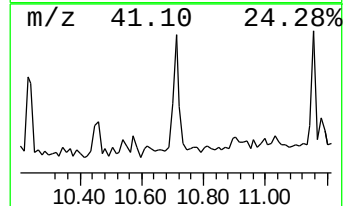
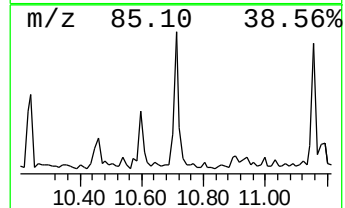
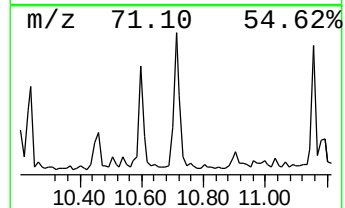
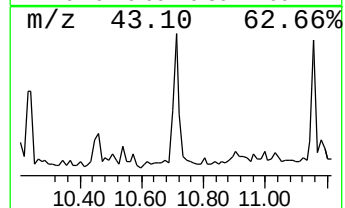
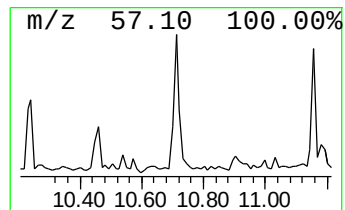
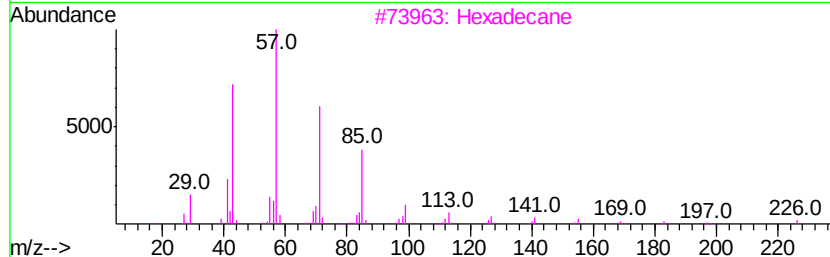
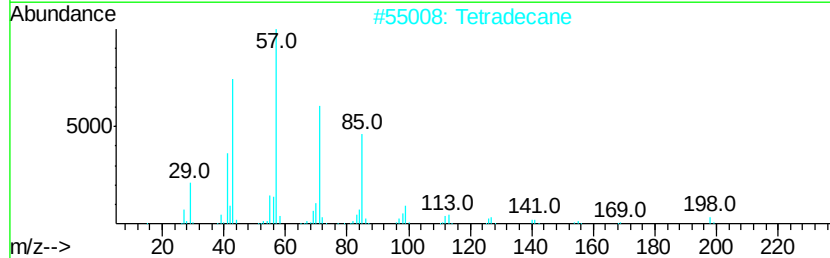
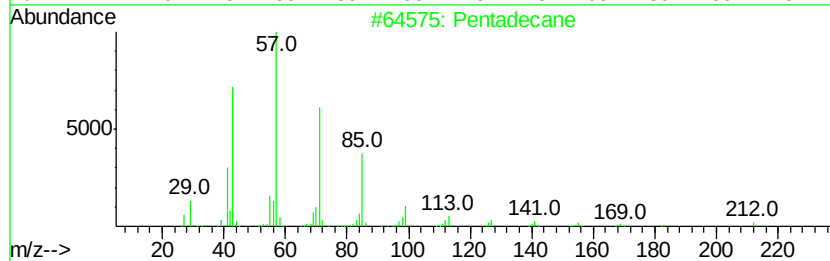
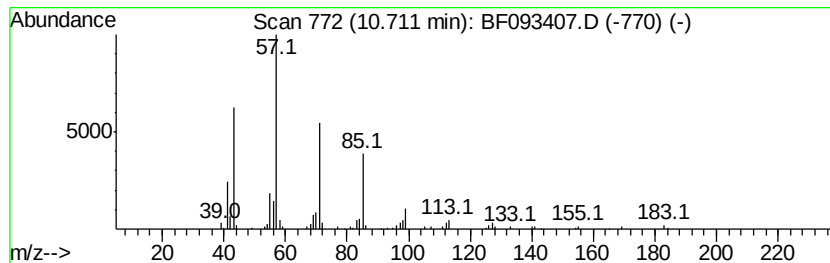
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.71	2.59 ng	183490	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetratetracontane	619	C44H90	007098-22-8	90



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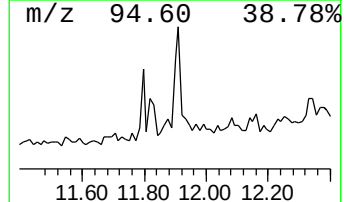
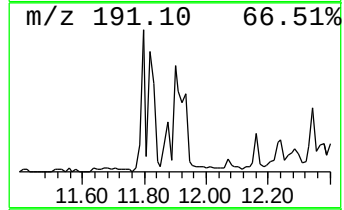
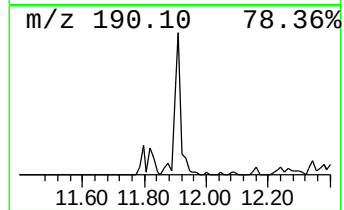
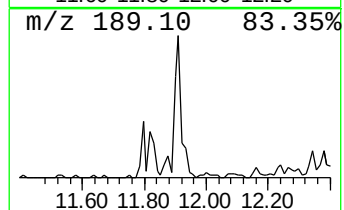
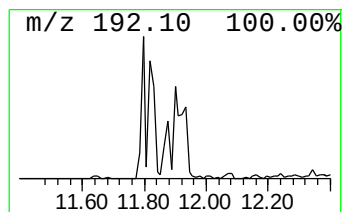
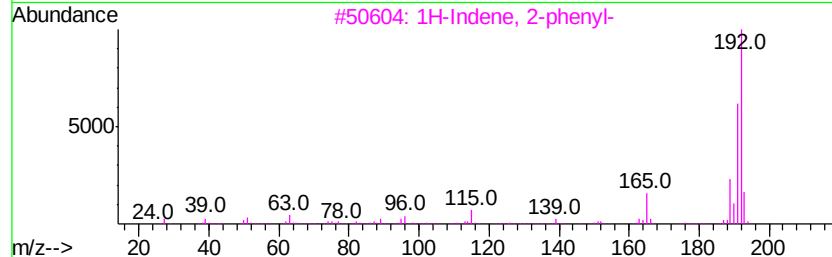
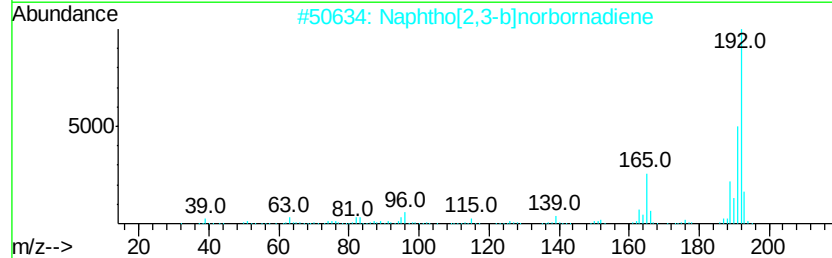
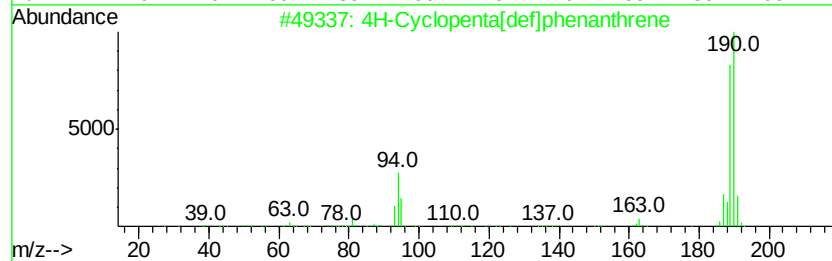
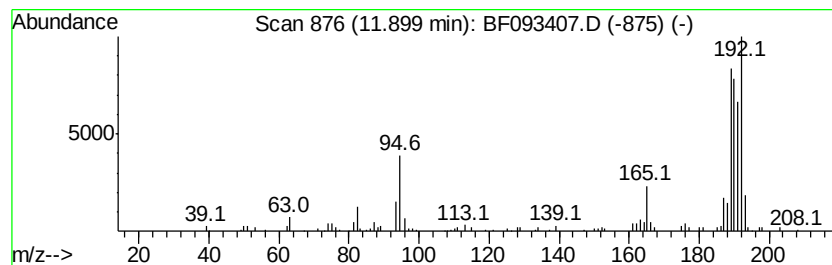
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TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown11.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	2.84 ng	201552	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	1H-Cyclopropa[all]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093407.D
Acq On : 6 Mar 2017 18:13
Operator : SJ/MA
Sample : I2088-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

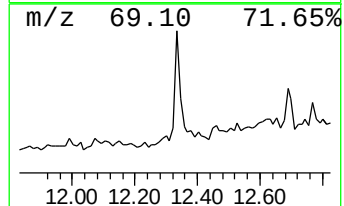
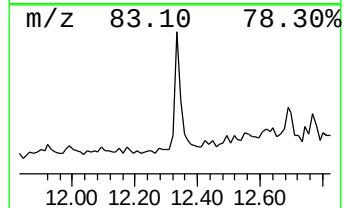
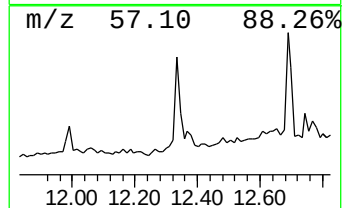
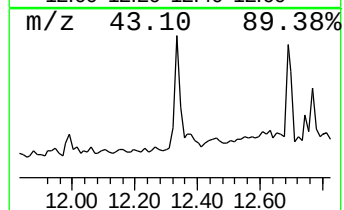
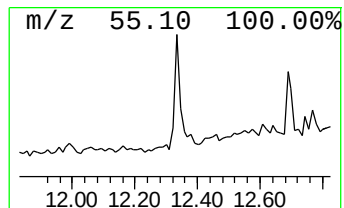
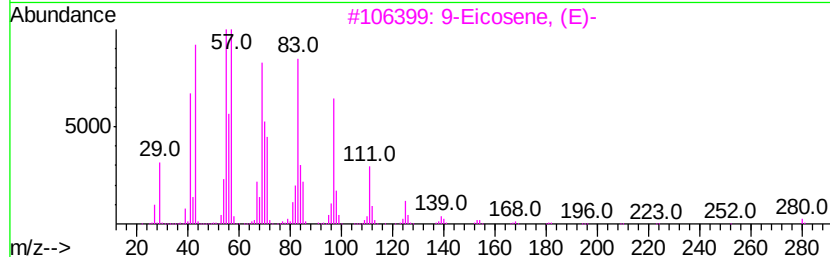
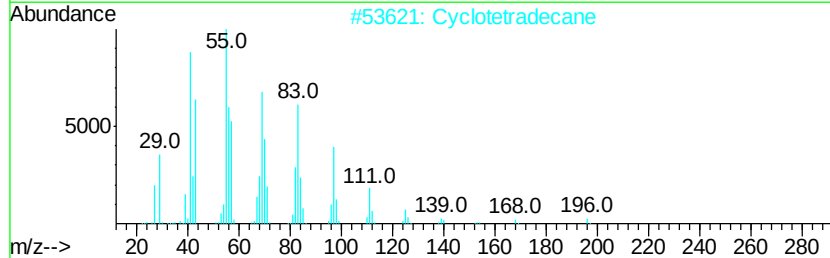
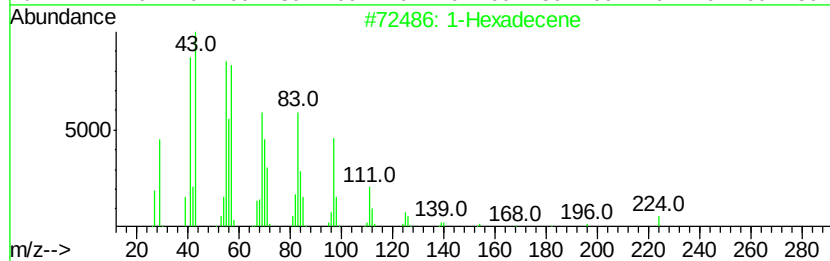
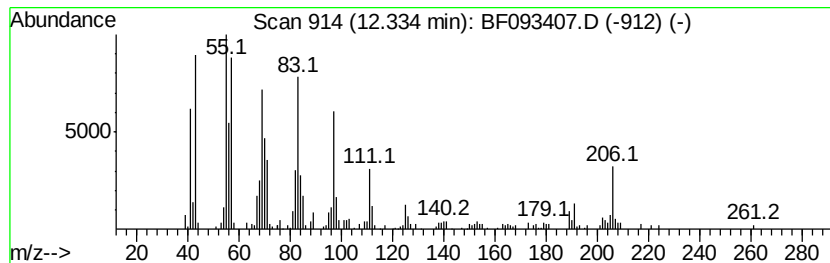
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ClientSampleId :
FK-GF-02-004-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Hexadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.33	3.39 ng	240280	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	98
2	Cyclotetradecane	196	C14H28	000295-17-0	97
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	1-Pentadecanol	228	C15H32O	000629-76-5	87
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093407.D
Acq On : 6 Mar 2017 18:13
Operator : SJ/MA
Sample : I2088-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-004-B

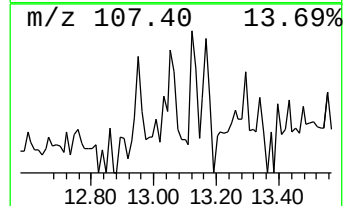
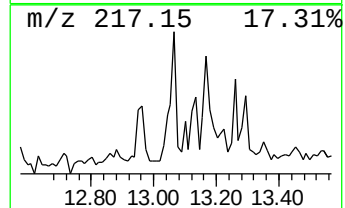
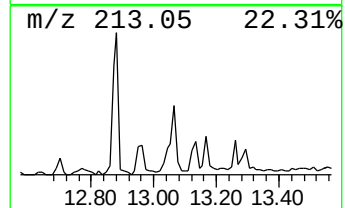
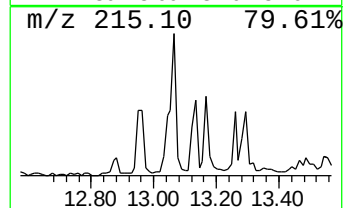
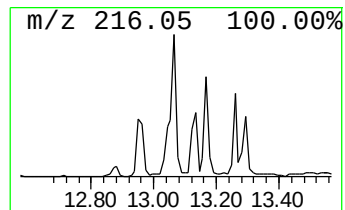
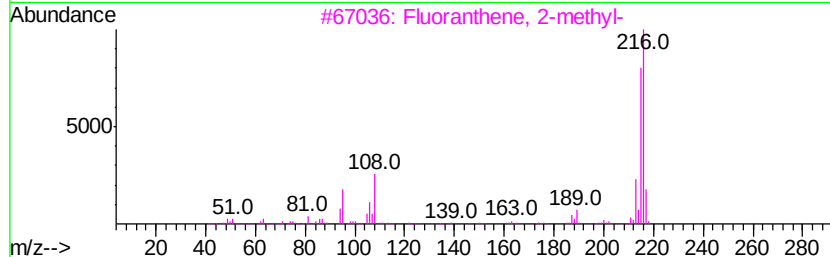
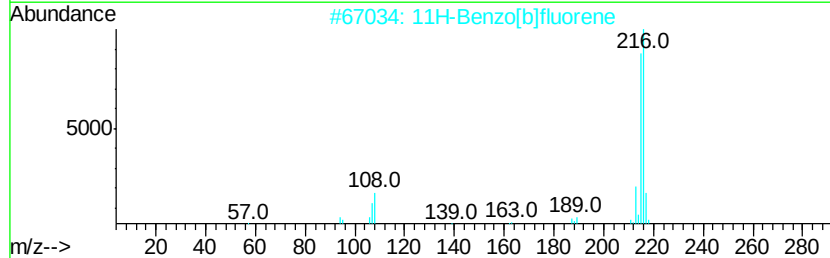
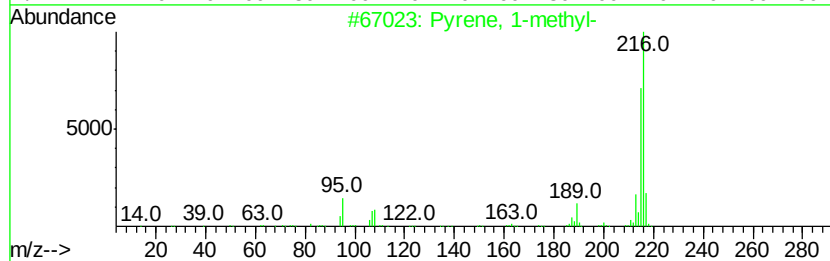
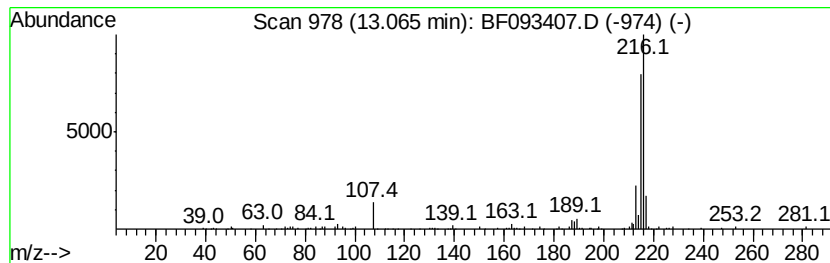
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.04 ng	147235	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093407.D
Acq On : 6 Mar 2017 18:13
Operator : SJ/MA
Sample : I2088-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

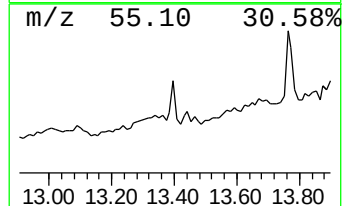
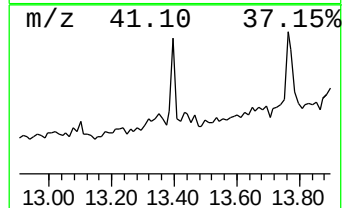
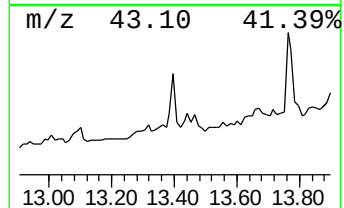
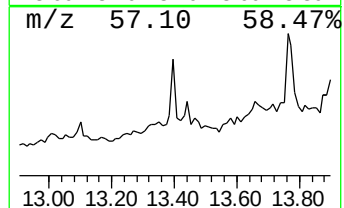
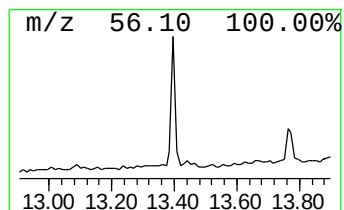
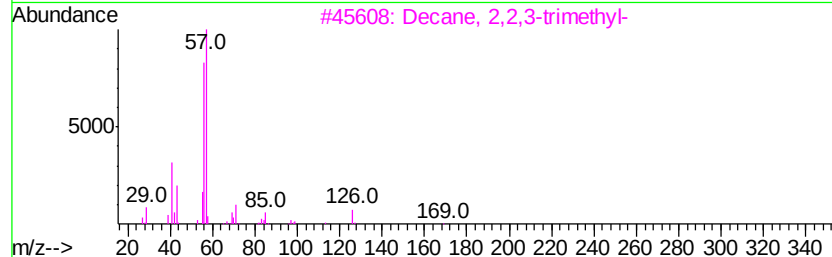
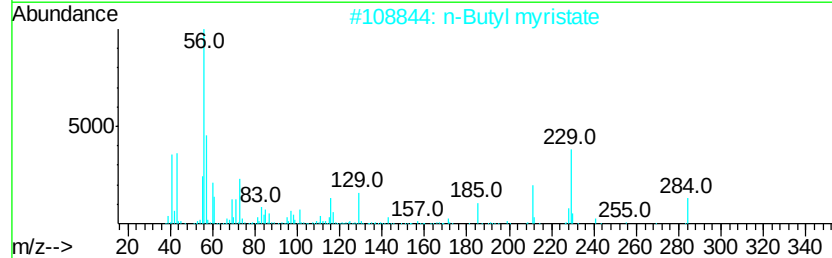
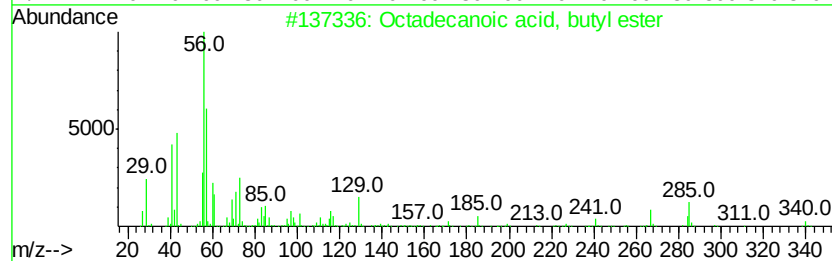
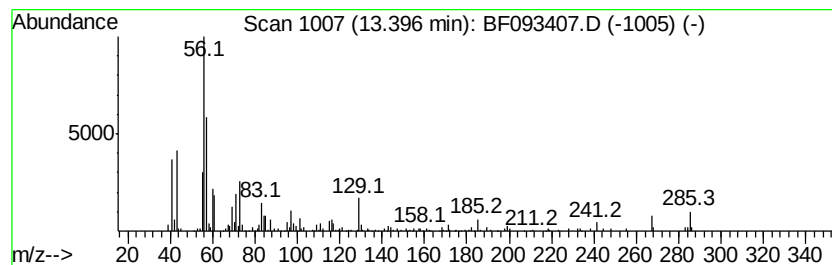
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.40	2.02 ng	145724	Chrysene-d12	13.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2		n-Butyl myristate	284	C18H36O2	000110-36-1	64
3		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	43
4		1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	38
5		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093407.D
Acq On : 6 Mar 2017 18:13
Operator : SJ/MA
Sample : I2088-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

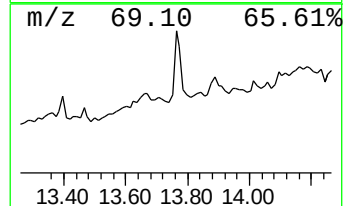
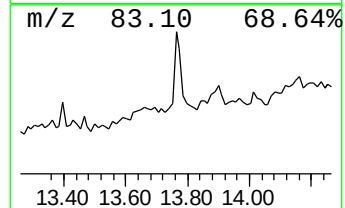
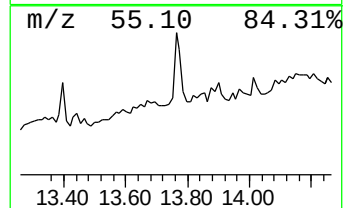
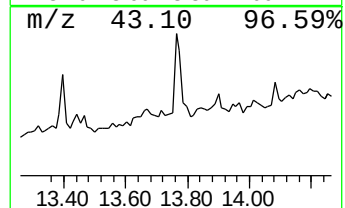
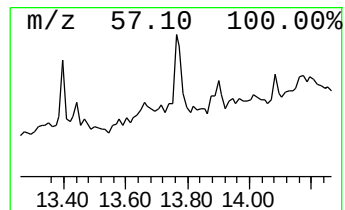
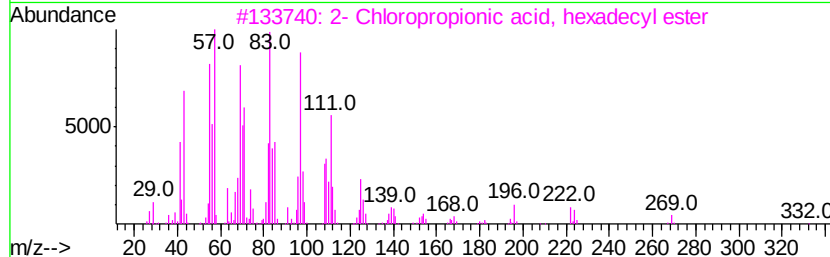
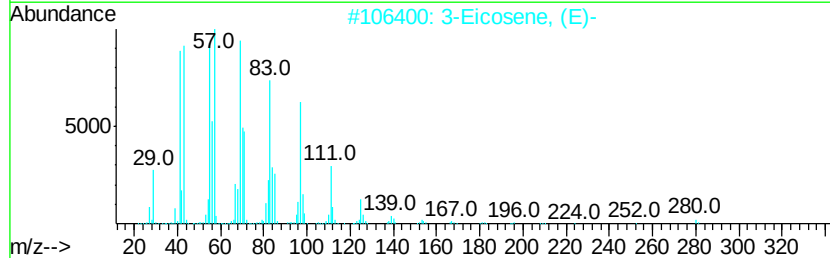
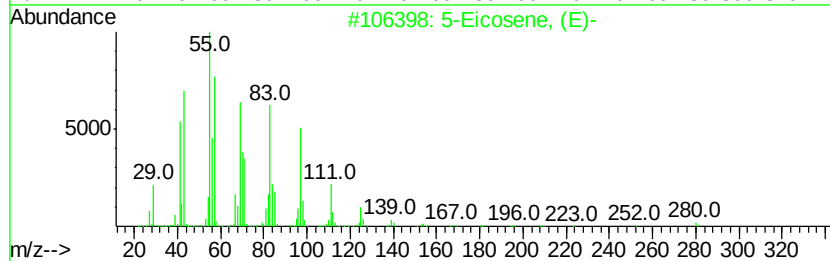
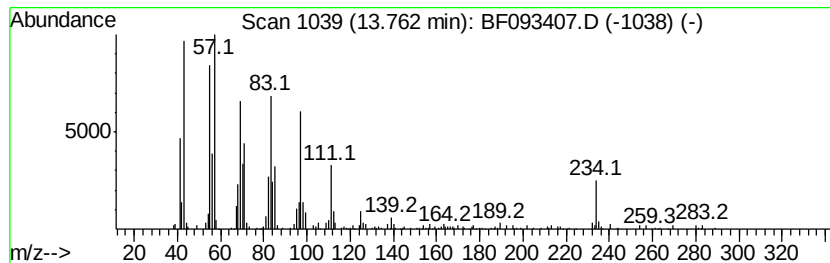
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.76	3.82 ng	275777	Chrysene-d12	13.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
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Acq On : 6 Mar 2017 18:13
Operator : SJ/MA
Sample : I2088-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-GF-02-004-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	1.98	3.1 ng		181556	1	6.78	1180410	20.0
2-Pentanone, 4-hy...	4.94	20.4 ng		1203060	1	6.78	1180410	20.0
unknown6.55	6.55	98.4 ng		5805370	1	6.78	1180410	20.0
Pentadecane	10.71	2.6 ng		183490	4	11.29	1419550	20.0
unknown11.90	11.90	2.8 ng		201552	4	11.29	1419550	20.0
1-Hexadecene	12.33	3.4 ng		240280	4	11.29	1419550	20.0
Pyrene, 1-methyl-	13.07	2.0 ng		147235	5	13.93	1445040	20.0
Octadecanoic acid...	13.40	2.0 ng		145724	5	13.93	1445040	20.0
5-Eicosene, (E)-	13.76	3.8 ng		275777	5	13.93	1445040	20.0