

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083208.D
 Acq On : 23 Nov 2015 17:13
 Operator : UM/IZ
 Sample : G4437-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

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-BF112115.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	4.776	241	244	261	rVB	1147784	1742304	22.55%	3.201%
2	5.233	282	284	299	rBV	3002181	3686232	47.72%	6.773%
3	6.296	375	377	380	rBV	1982363	2586262	33.48%	4.752%
4	6.410	385	387	390	rBV	5346014	5646814	73.10%	10.376%
5	6.639	405	407	409	rBV	1279073	1209556	15.66%	2.223%
6	6.799	418	421	423	rBV	4937290	5221943	67.60%	9.595%
7	7.210	454	457	460	rBV	3846236	4420796	57.23%	8.123%
8	7.347	466	469	472	rVB2	82257	112669	1.46%	0.207%
9	7.873	510	515	517	rBV3	34701	89467	1.16%	0.164%
10	7.930	517	520	522	rBV	1410201	1573252	20.37%	2.891%
11	8.673	581	585	588	rVB4	45669	92501	1.20%	0.170%
12	8.959	608	610	611	rVV	93977	96643	1.25%	0.178%
13	9.005	611	614	617	rVV	5390351	7724729	100.00%	14.194%
14	9.096	620	622	624	rBV2	59418	83233	1.08%	0.153%
15	9.188	628	630	631	rVB	113491	102287	1.32%	0.188%
16	9.336	639	643	645	rBV2	110258	219983	2.85%	0.404%
17	9.405	648	649	652	rVV	110781	158924	2.06%	0.292%
18	9.473	654	655	658	rVV3	56297	100159	1.30%	0.184%
19	9.530	658	660	663	rVB4	62826	95370	1.23%	0.175%
20	9.622	666	668	670	rVB2	88634	94824	1.23%	0.174%
21	9.679	670	673	675	rBV	1311224	1723694	22.31%	3.167%
22	9.748	678	679	681	rBV2	98993	133755	1.73%	0.246%
23	9.953	693	697	698	rBV4	98866	186855	2.42%	0.343%
24	9.988	698	700	703	rVV4	65193	132997	1.72%	0.244%
25	10.045	703	705	708	rVB4	65575	117965	1.53%	0.217%
26	10.102	708	710	711	rBV2	80561	117319	1.52%	0.216%
27	10.125	711	712	713	rVB	154827	106211	1.37%	0.195%
28	10.182	713	717	718	rBV3	64210	115584	1.50%	0.212%
29	10.365	731	733	735	rBV3	93551	140193	1.81%	0.258%
30	10.422	736	738	739	rBV	289599	259553	3.36%	0.477%
31	10.468	739	742	744	rVB	4075098	4555841	58.98%	8.371%
32	10.593	751	753	755	rBV	148358	169949	2.20%	0.312%
33	10.811	770	772	775	rBV3	112557	172360	2.23%	0.317%
34	11.153	800	802	804	rBV	1538528	1547688	20.04%	2.844%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.714	849	851	854	rVB	571872	578380	7.49%	1.063%
36	12.491	917	919	922	rBV	601349	610203	7.90%	1.121%
37	12.742	938	941	943	rBV	5835165	6264909	81.10%	11.512%
38	13.645	1019	1020	1029	rVV2	105986	153354	1.99%	0.282%
39	13.771	1029	1031	1034	rVB	1069140	1266124	16.39%	2.326%
40	15.142	1148	1151	1154	rVB	765546	1011034	13.09%	1.858%

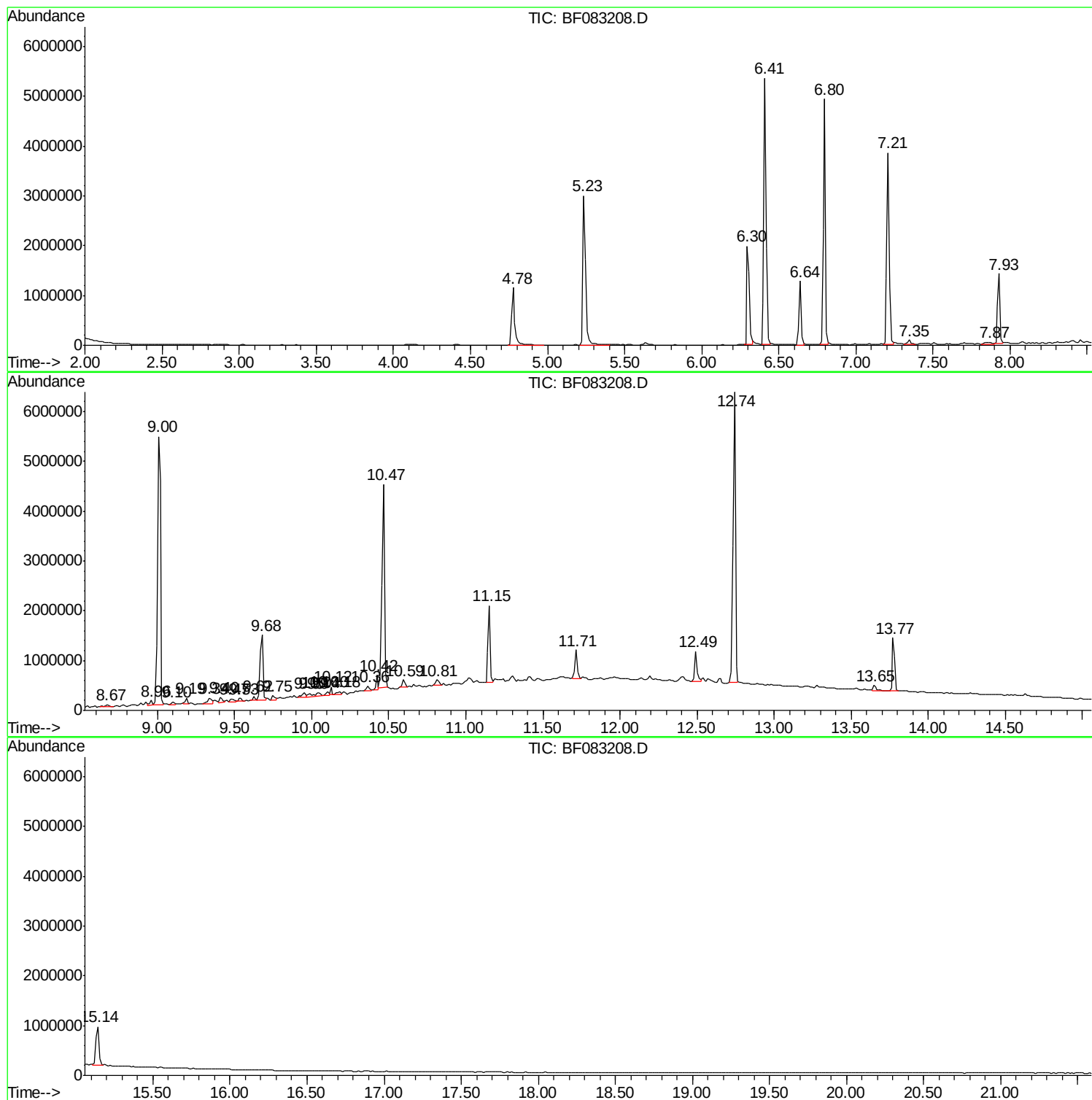
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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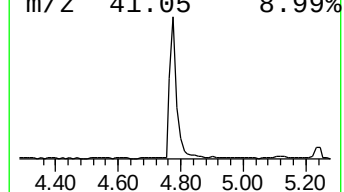
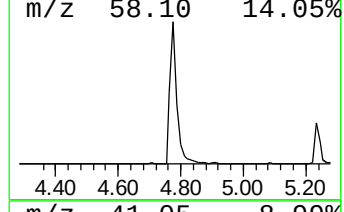
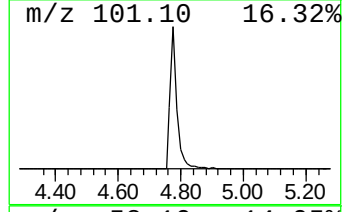
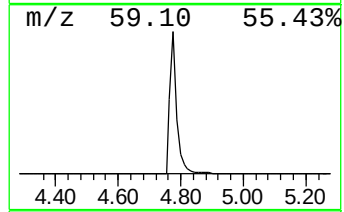
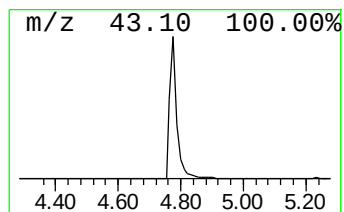
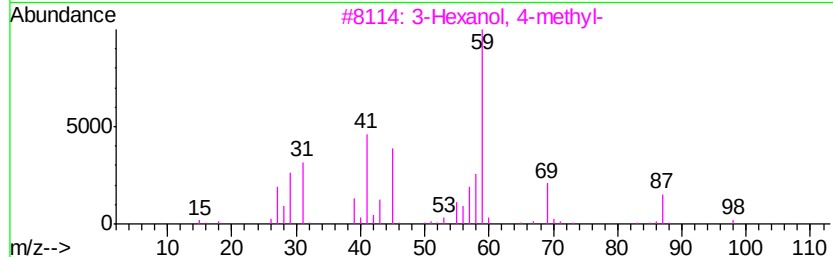
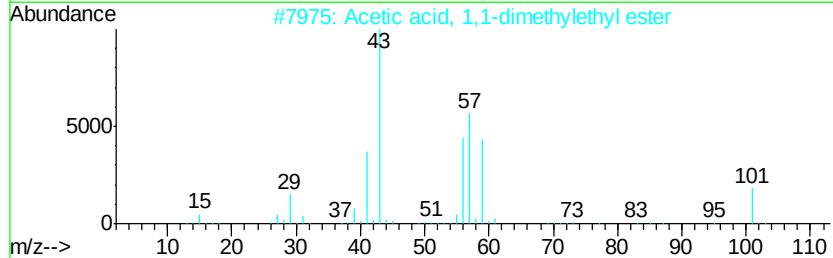
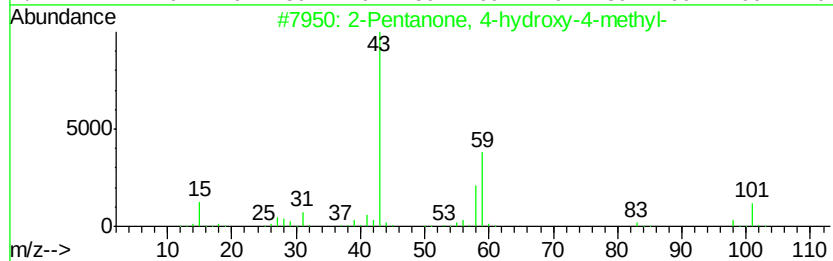
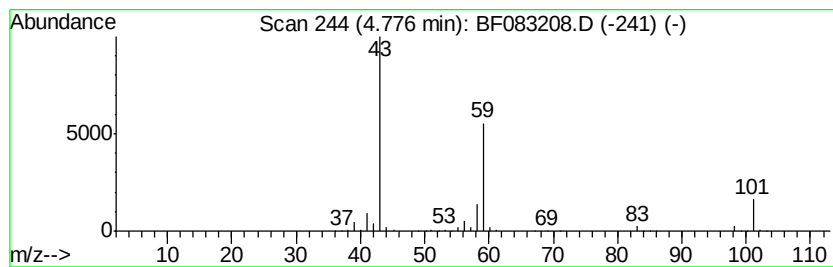
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	28.81 ng	1742300	1,4-Dichlorobenzene-d4	6.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
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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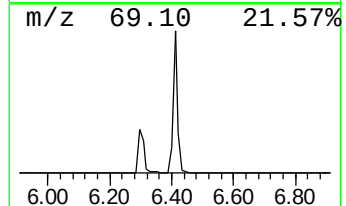
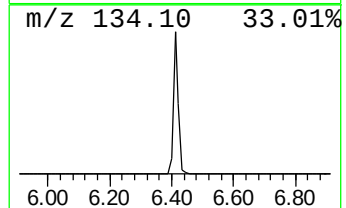
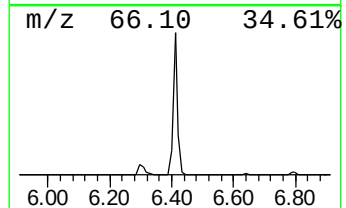
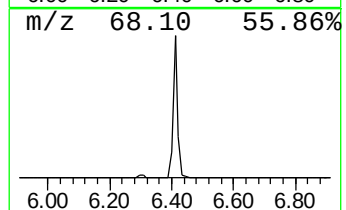
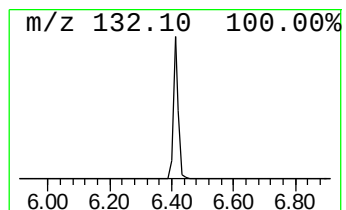
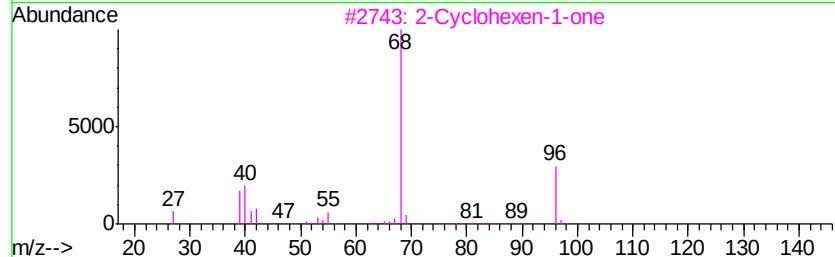
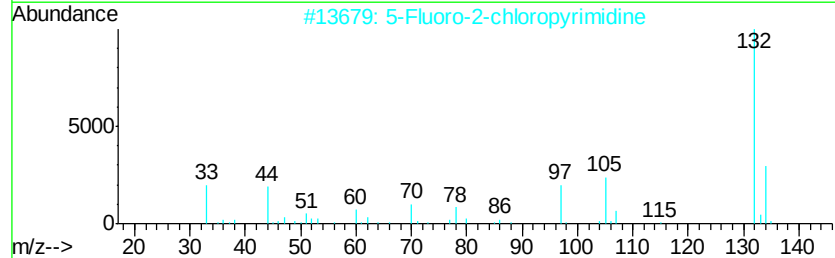
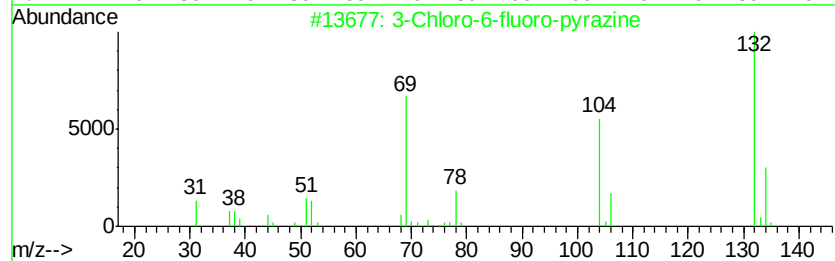
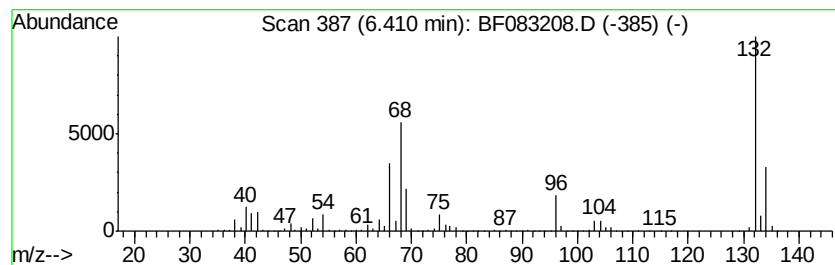
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	93.37 ng	5646810	1,4-Dichlorobenzene-d4	6.64

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		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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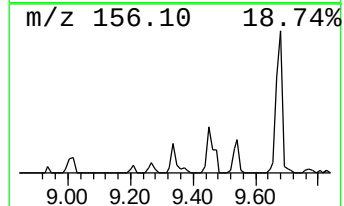
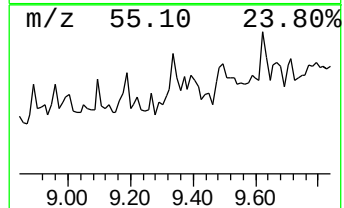
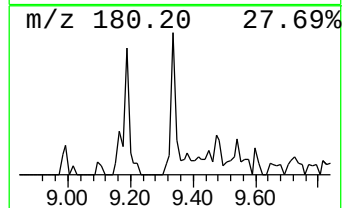
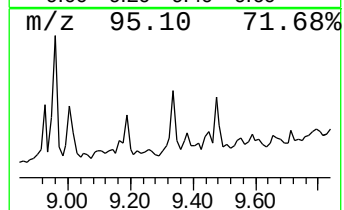
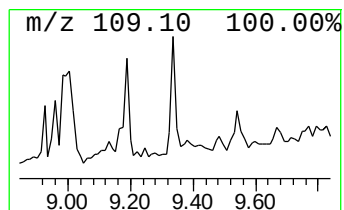
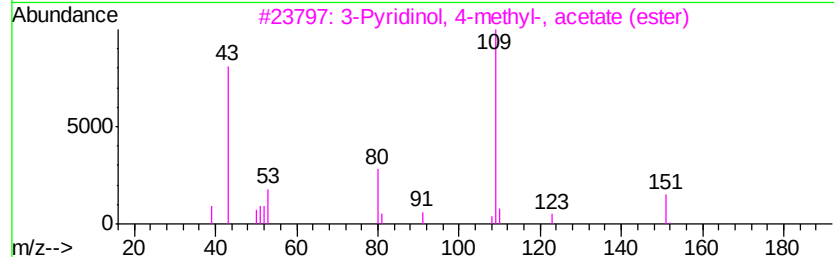
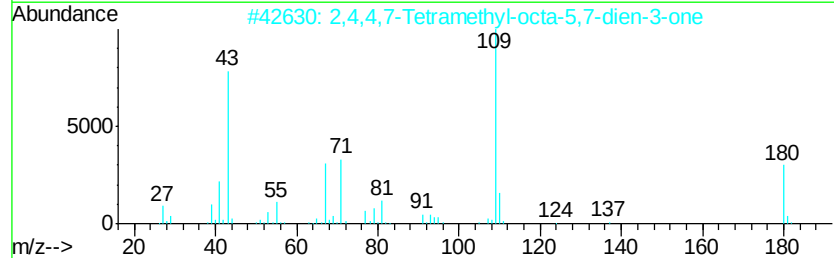
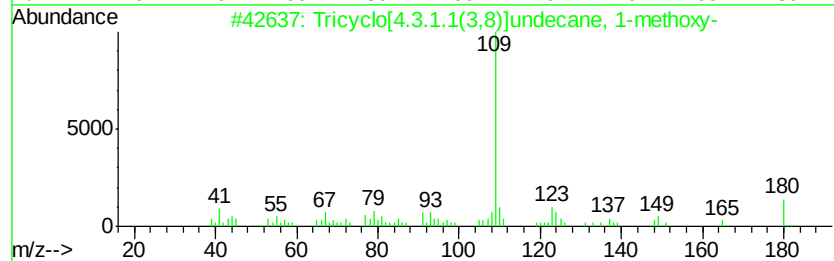
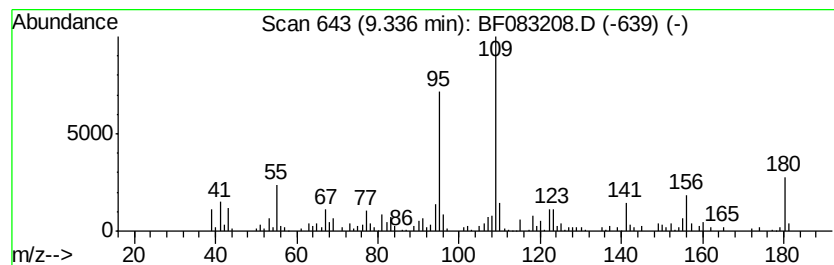
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.55 ng	219983	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H200	021898-95-3	50
2		2,4,4,7-Tetramethyl-octa-5,7-die...	180	C12H200	1000190-70-6	46
3		3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	35
4		Butanamide, N-(4-hydroxyphenyl)-	179	C10H13NO2	000101-91-7	35
5		7-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	1000190-62-8	35



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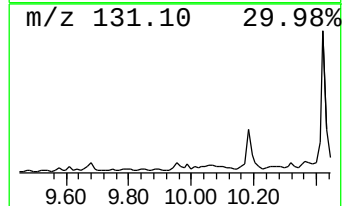
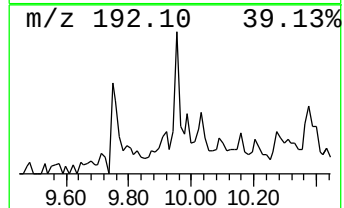
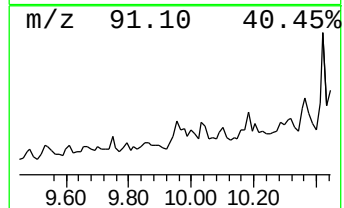
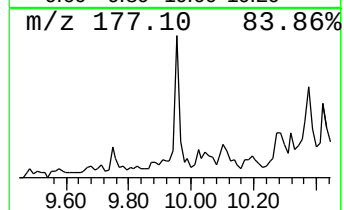
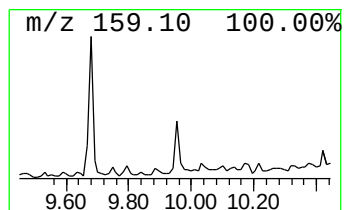
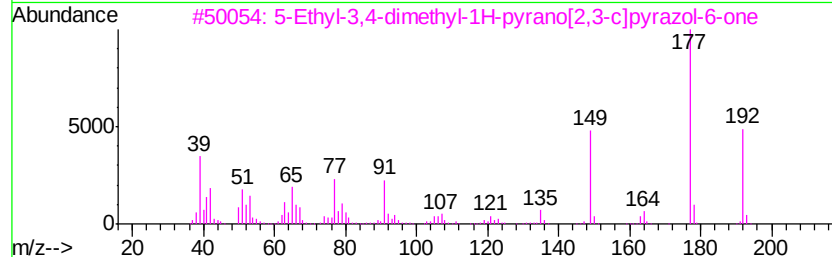
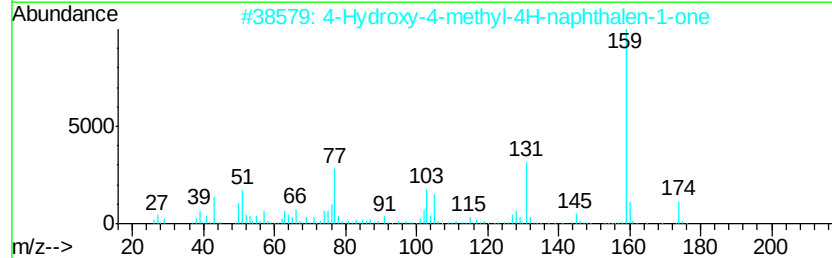
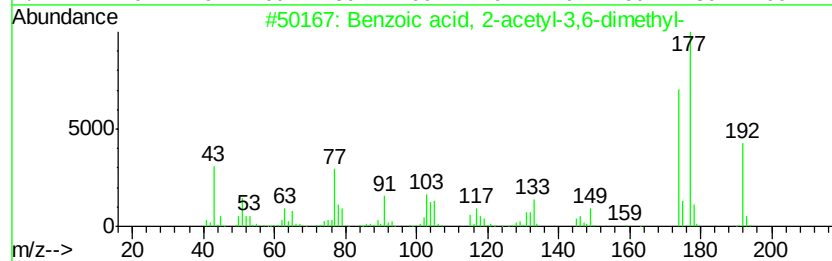
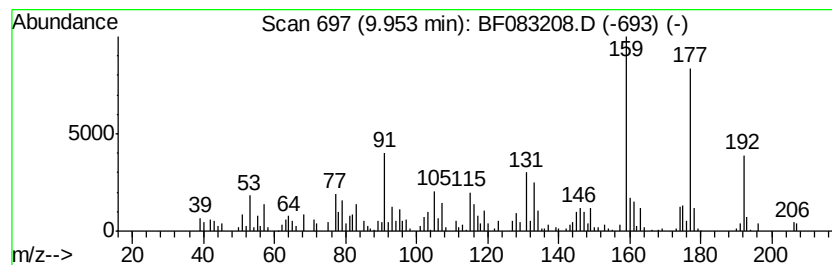
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Peak Number 5 unknown9.95 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.17 ng	186855	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-acetyl-3,6-dimet...	192	C11H12O3	146950-86-9	49
2		4-Hydroxy-4-methyl-4H-naphthalen...	174	C11H10O2	042860-82-2	42
3		5-Ethyl-3,4-dimethyl-1H-pyrano[2...	192	C10H12N2O2	1000296-60-7	41
4		2,6-Diisopropylanisole	192	C13H20O	002944-52-7	38
5		6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	38



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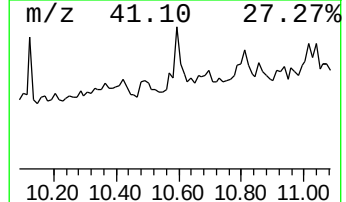
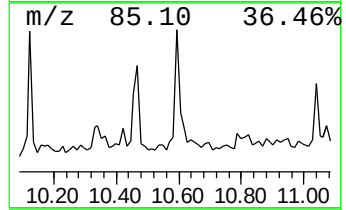
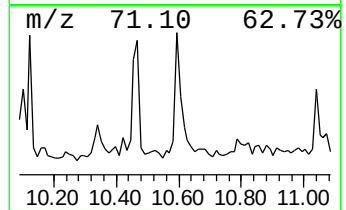
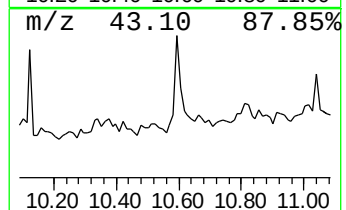
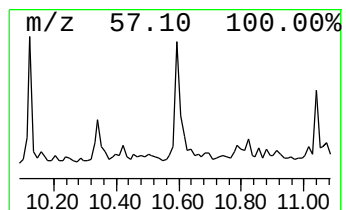
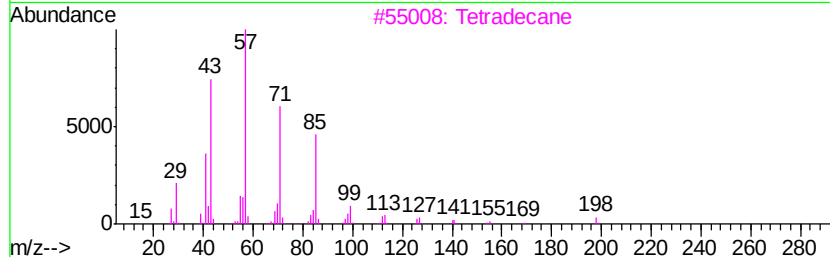
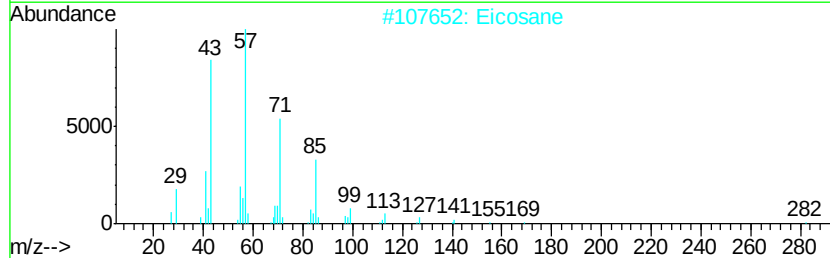
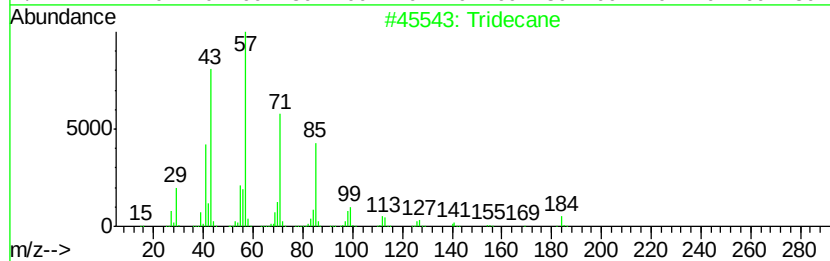
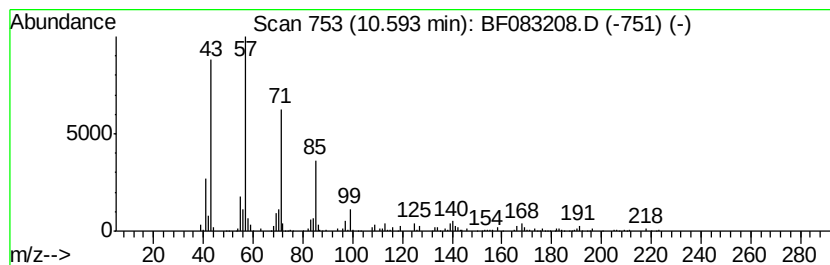
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Peak Number 6 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.59	2.20 ng	169949	Phenanthrene-d10		11.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Eicosane	282	C20H42	000112-95-8	74
3	Tetradecane	198	C14H30	000629-59-4	72
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083208.D
Acq On : 23 Nov 2015 17:13
Operator : UM/IZ
Sample : G4437-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

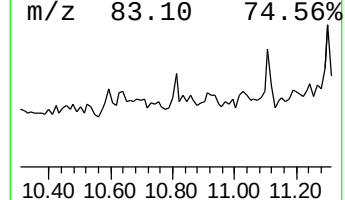
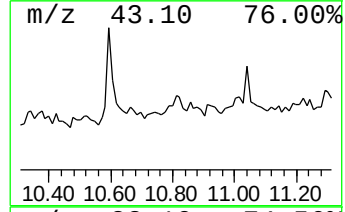
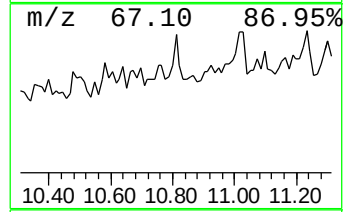
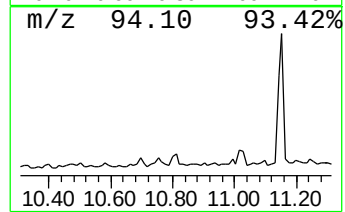
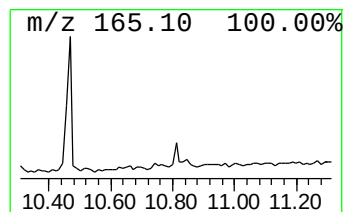
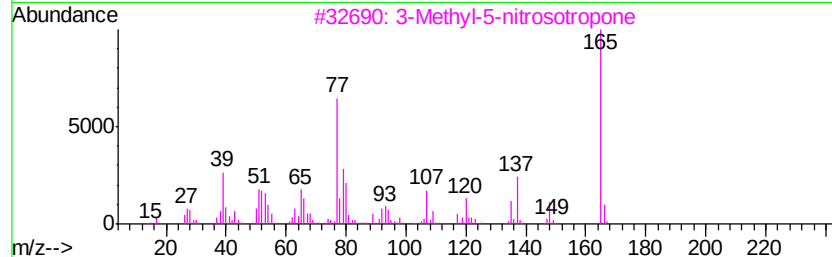
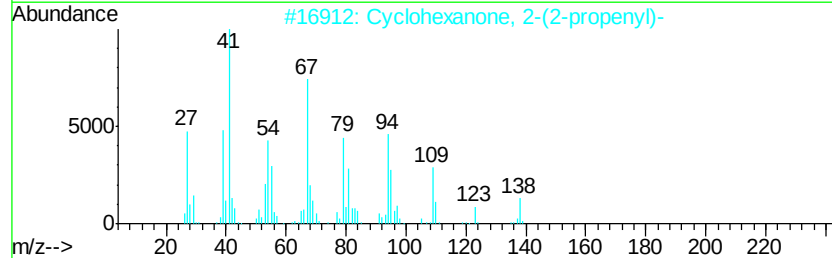
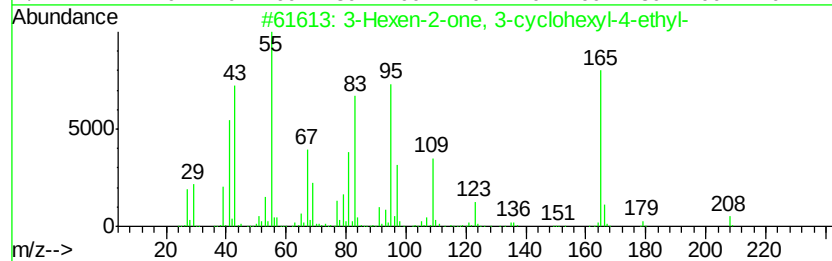
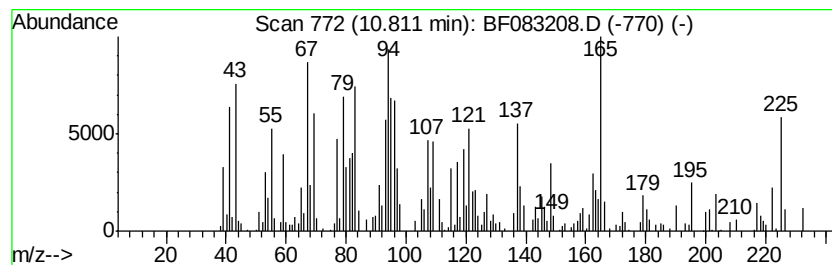
Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.81 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.81	2.23 ng	172360	Phenanthrene-d10	11.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one, 3-cyclohexyl-4-ethyl-	208	C14H24O	1000150-19-1	38
2	Cyclohexanone, 2-(2-propenyl)-	138	C9H14O	000094-66-6	30
3	3-Methyl-5-nitrosotropone	165	C8H7NO3	1000242-61-8	27
4	3-Methoxy-6-methyl-6H-pyrazolo[4,3-c]pyridine	165	C6H7N5O	037526-57-1	25
5	1,1'-Bicyclohexyl, 2-(1-methylethyl)-	208	C15H28	050991-15-6	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083208.D
Acq On : 23 Nov 2015 17:13
Operator : UM/IZ
Sample : G4437-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

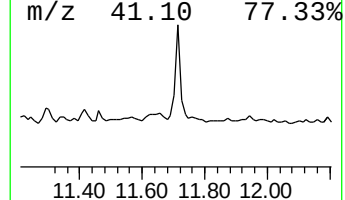
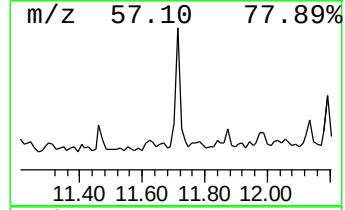
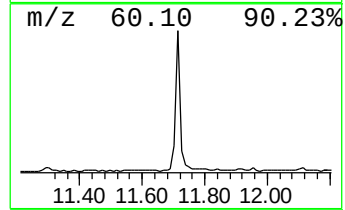
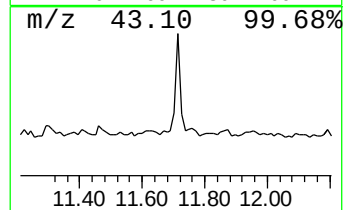
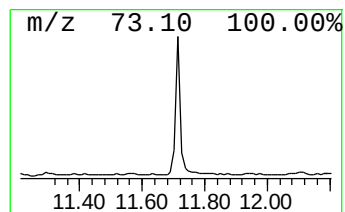
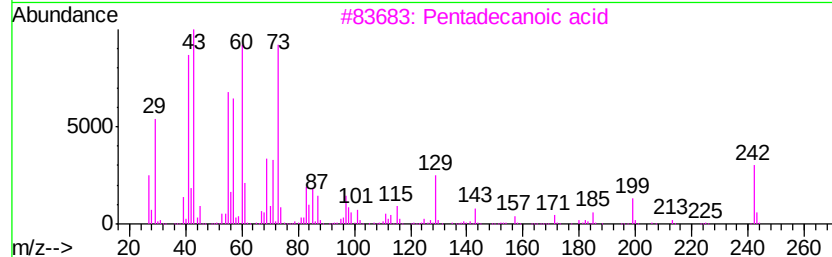
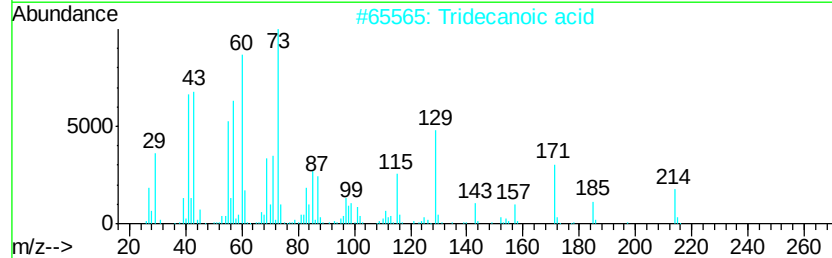
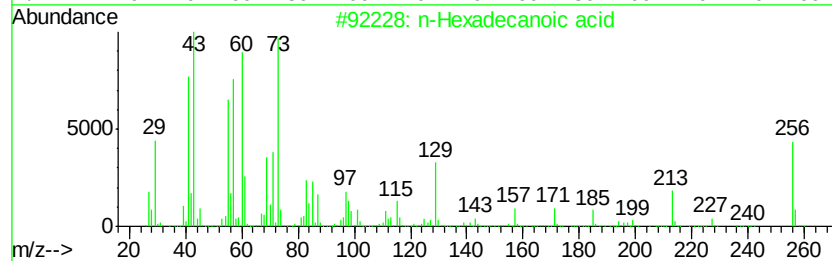
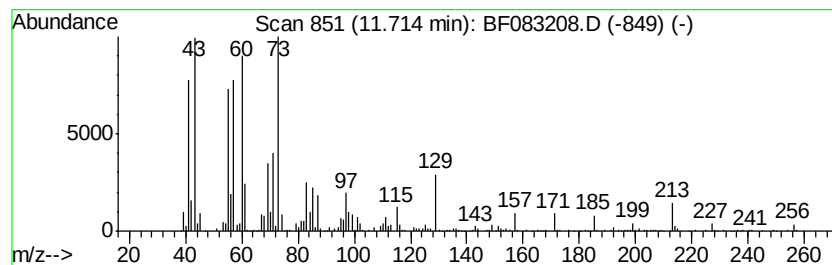
Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.71	7.47 ng	578380	Phenanthrene-d10		11.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Heptanoic acid	130	C7H14O2	000111-14-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083208.D
Acq On : 23 Nov 2015 17:13
Operator : UM/IZ
Sample : G4437-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

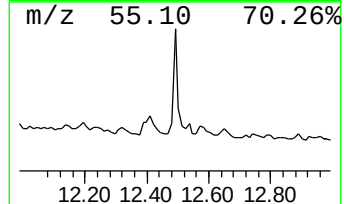
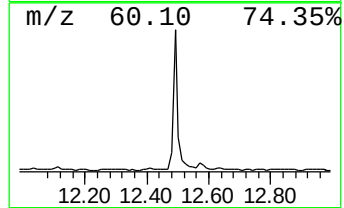
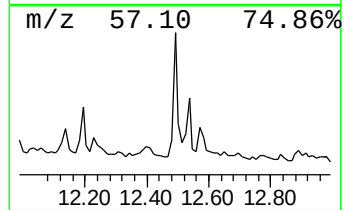
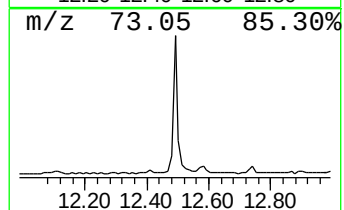
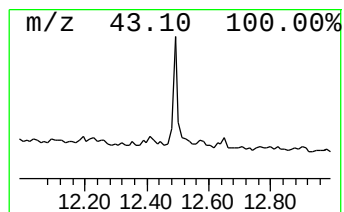
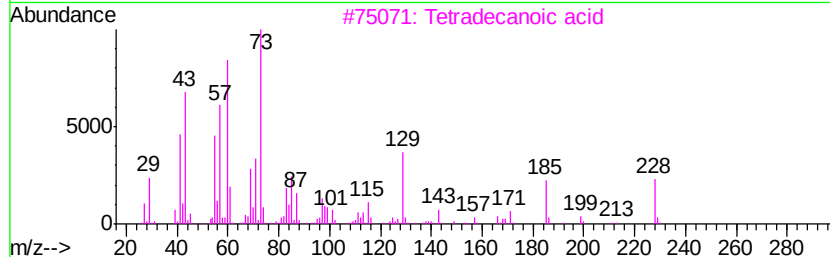
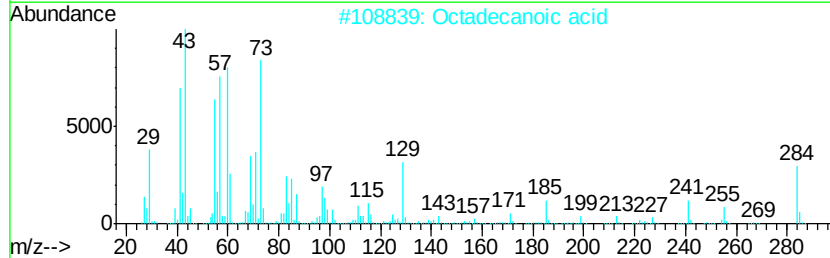
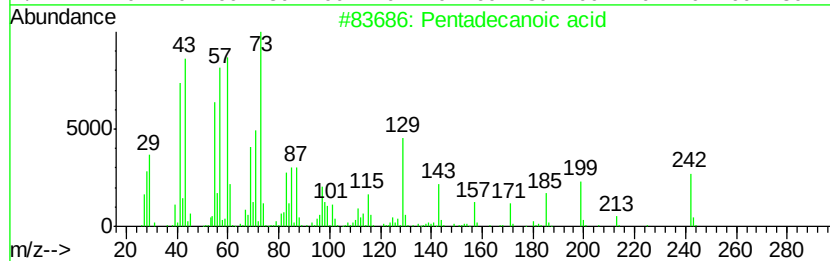
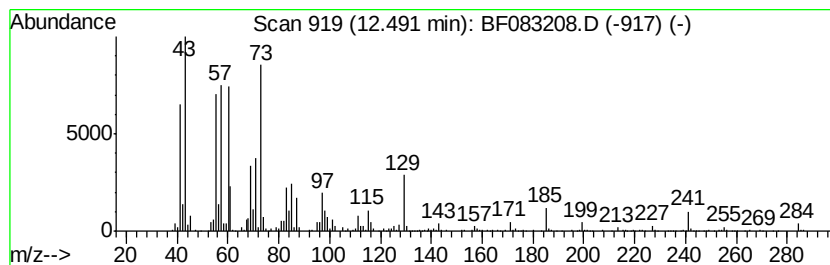
Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.49	9.64 ng	610203	Chrysene-d12	13.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083208.D
Acq On : 23 Nov 2015 17:13
Operator : UM/IZ
Sample : G4437-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

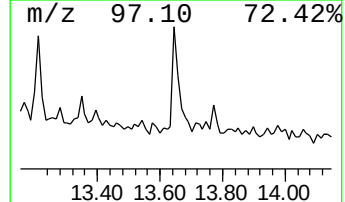
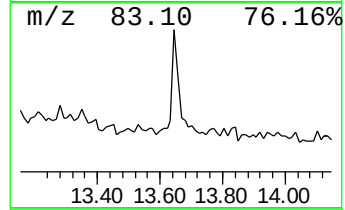
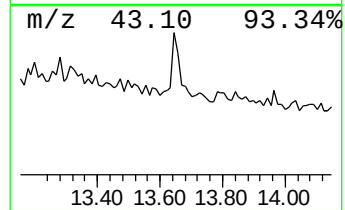
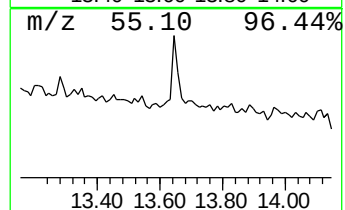
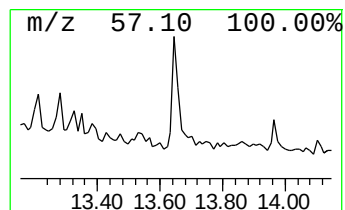
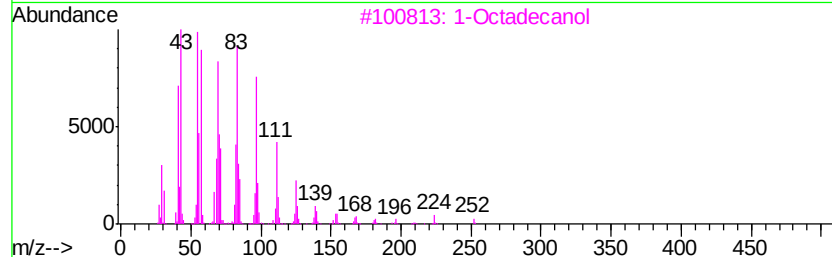
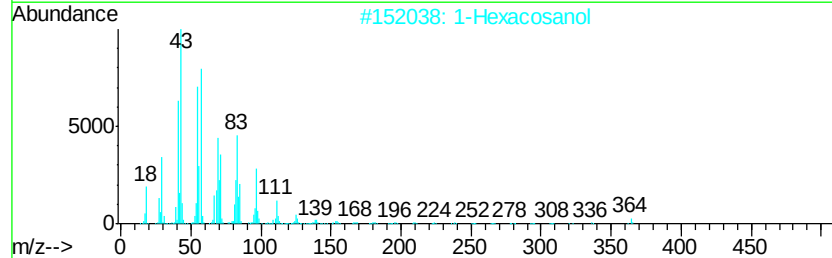
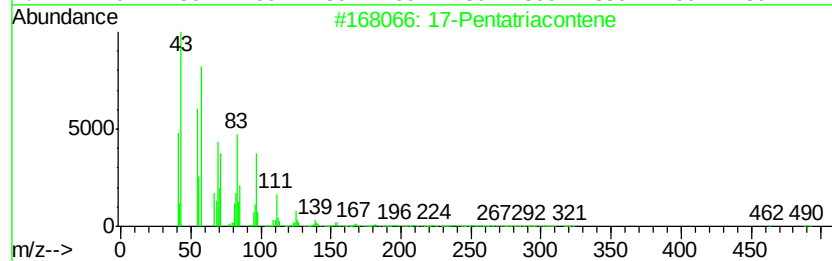
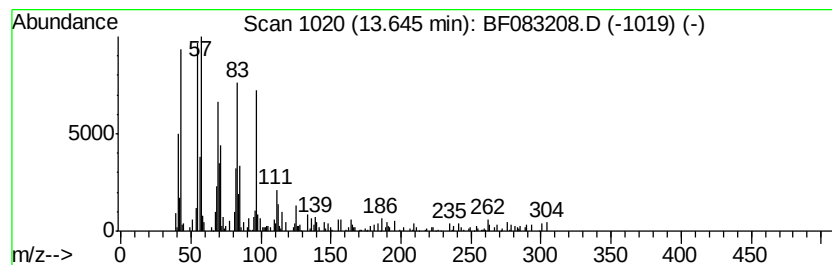
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.65	2.42 ng	153354	Chrysene-d12		13.77
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	86
2	1-Hexacosanol	382	C26H54O	000506-52-5	83
3	1-Octadecanol	270	C18H38O	000112-92-5	72
4	1-Tetracosanol	354	C24H50O	000506-51-4	72
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083208.D
Acq On : 23 Nov 2015 17:13
Operator : UM/IZ
Sample : G4437-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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...	4.78	28.8	ng	1742300	1	6.64	1209560	20.0
unknown6.41	6.41	93.4	ng	5646810	1	6.64	1209560	20.0
Tricyclo[4.3.1.1(...	9.34	2.5	ng	219983	3	9.68	1723690	20.0
unknown9.95	9.95	2.2	ng	186855	3	9.68	1723690	20.0
Tridecane	10.59	2.2	ng	169949	4	11.15	1547690	20.0
unknown10.81	10.81	2.2	ng	172360	4	11.15	1547690	20.0
n-Hexadecanoic acid	11.71	7.5	ng	578380	4	11.15	1547690	20.0
Pentadecanoic acid	12.49	9.6	ng	610203	5	13.77	1266120	20.0
17-Pentatriacontene	13.65	2.4	ng	153354	5	13.77	1266120	20.0