

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083228.D
 Acq On : 24 Nov 2015 3:00
 Operator : UM/IZ
 Sample : G4453-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-2-20151116

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-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	4.787	242	245	263	rVB	2153500	3708167	47.62%	5.582%
2	5.256	283	286	288	rBV	5339323	6568359	84.35%	9.887%
3	6.319	375	379	381	rBV	5897854	7786783	100.00%	11.721%
4	6.422	385	388	390	rBV	6236798	6778473	87.05%	10.203%
5	6.639	405	407	410	rBV	1441860	1277555	16.41%	1.923%
6	6.799	418	421	423	rBV	5165102	4853037	62.32%	7.305%
7	7.210	454	457	460	rBV	3494617	3705461	47.59%	5.578%
8	7.930	517	520	522	rBV	1780155	1680048	21.58%	2.529%
9	9.005	612	614	617	rBV	4524210	6688185	85.89%	10.068%
10	9.405	647	649	652	rBV	1058493	1117459	14.35%	1.682%
11	9.622	666	668	670	rBV	72492	87637	1.13%	0.132%
12	9.679	670	673	675	rBV	1791890	1800029	23.12%	2.710%
13	9.885	685	691	692	rBV3	31200	79576	1.02%	0.120%
14	10.125	711	712	714	rVB	133827	100417	1.29%	0.151%
15	10.342	727	731	733	rBV2	55846	88666	1.14%	0.133%
16	10.468	739	742	744	rBV	2999816	3338870	42.88%	5.026%
17	10.594	751	753	757	rVB	178931	218995	2.81%	0.330%
18	11.039	790	792	794	rBV2	165088	160353	2.06%	0.241%
19	11.154	799	802	803	rBV	1664986	1622866	20.84%	2.443%
20	11.222	806	808	810	rVB2	110600	135444	1.74%	0.204%
21	11.405	821	824	827	rBV2	64882	128399	1.65%	0.193%
22	11.462	827	829	831	rBV2	70094	89540	1.15%	0.135%
23	11.656	843	846	847	rBV	82600	95977	1.23%	0.144%
24	11.702	847	850	854	rVV2	400200	581877	7.47%	0.876%
25	11.759	854	855	861	rVB2	155695	254403	3.27%	0.383%
26	11.954	869	872	877	rVB3	145944	235170	3.02%	0.354%
27	12.205	891	894	895	rBV	63711	93671	1.20%	0.141%
28	12.354	905	907	909	rBV	876268	864510	11.10%	1.301%
29	12.411	909	912	914	rVV3	53509	111128	1.43%	0.167%
30	12.479	917	918	924	rVV3	148791	310051	3.98%	0.467%
31	12.582	924	927	929	rVV	918174	944347	12.13%	1.421%
32	12.742	938	941	943	rVV	4715931	5021535	64.49%	7.559%
33	12.914	952	956	958	rVB3	102035	182325	2.34%	0.274%
34	13.017	963	965	969	rVB	106688	141795	1.82%	0.213%

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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.291	987	989	991	rBV2	68350	104777	1.35%	0.158%
36	13.531	1007	1010	1011	rBV2	81789	147824	1.90%	0.223%
37	13.645	1017	1020	1023	rBV3	137544	325724	4.18%	0.490%
38	13.782	1028	1032	1036	rBV2	1183887	2320756	29.80%	3.493%
39	13.885	1039	1041	1043	rVV2	55988	80680	1.04%	0.121%
40	14.125	1061	1062	1064	rBV2	58199	91662	1.18%	0.138%
41	14.777	1116	1119	1122	rVB	283242	569394	7.31%	0.857%
42	15.028	1139	1141	1144	rBV	156361	223982	2.88%	0.337%
43	15.085	1144	1146	1149	rVV	263608	317024	4.07%	0.477%
44	15.143	1149	1151	1157	rVB	840949	1094621	14.06%	1.648%
45	16.400	1258	1261	1264	rVB2	91600	160054	2.06%	0.241%
46	16.766	1291	1293	1298	rVB	70747	145800	1.87%	0.219%

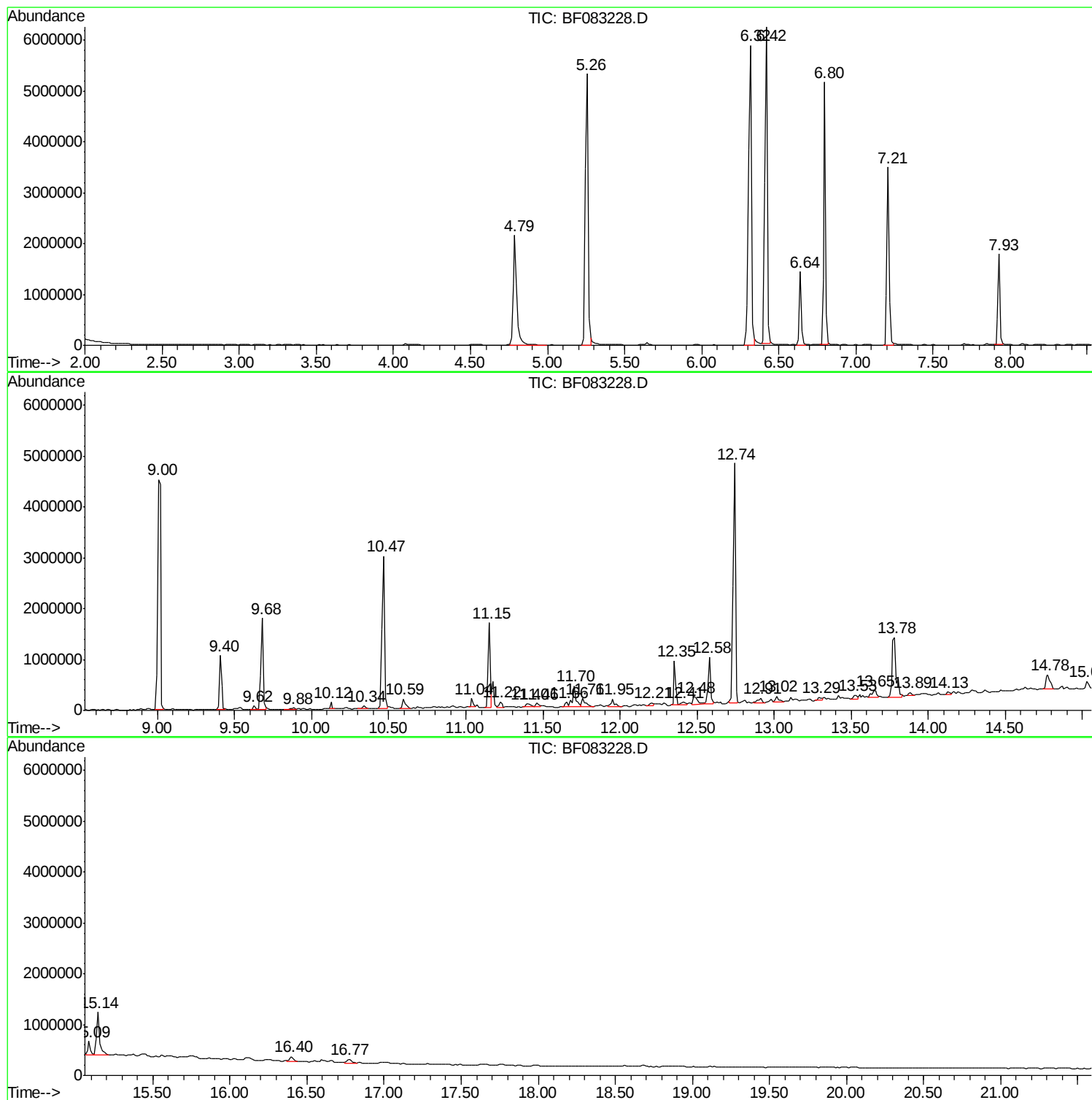
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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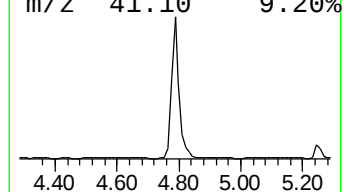
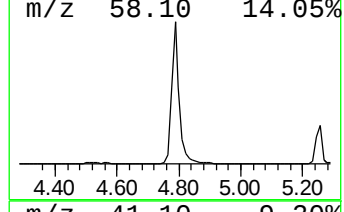
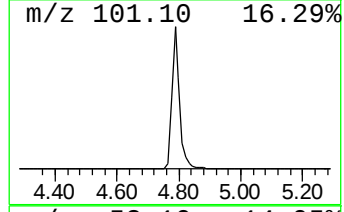
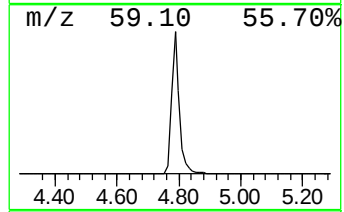
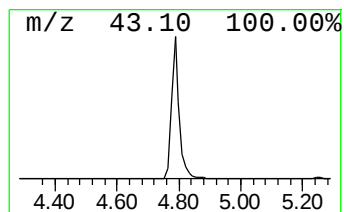
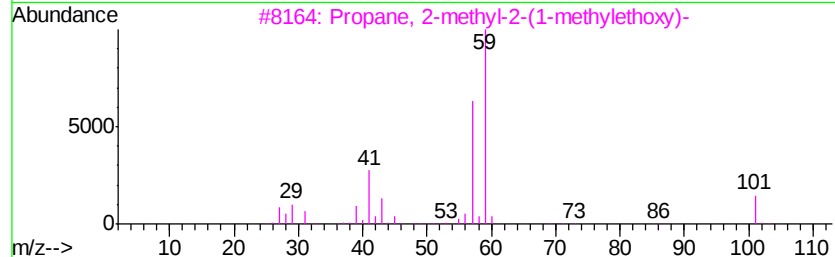
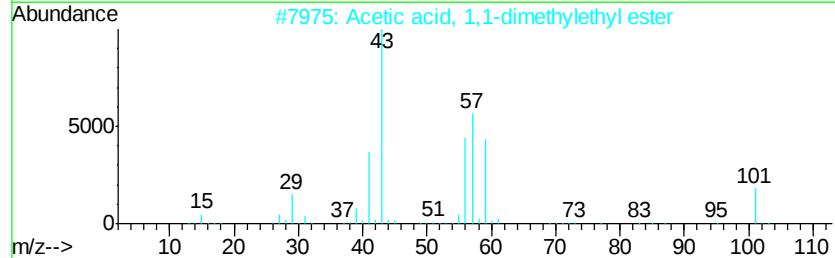
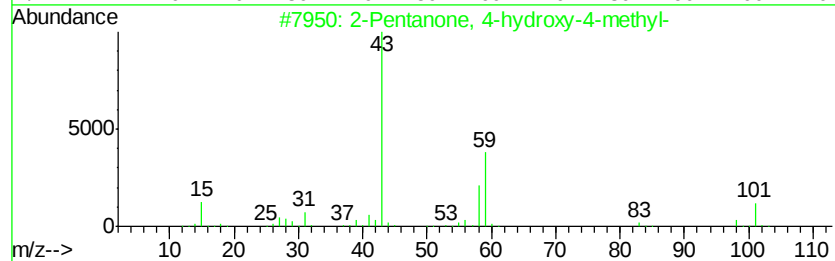
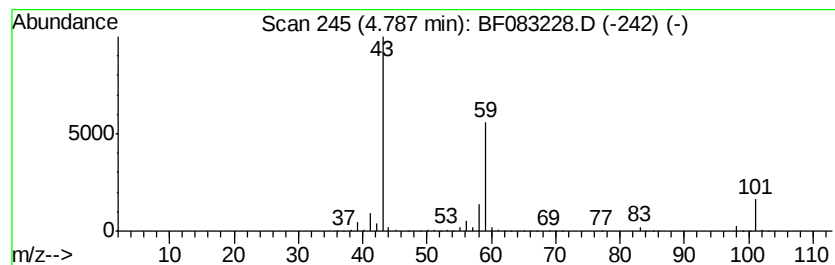
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	58.05 ng	3708170	1,4-Dichlorobenzene-d4	6.64

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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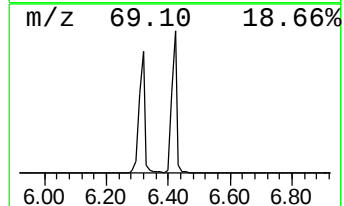
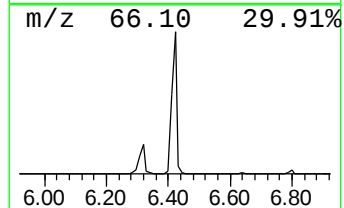
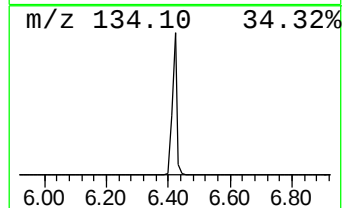
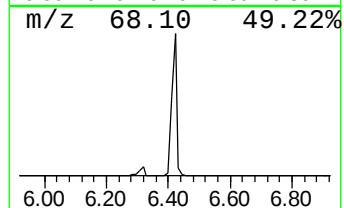
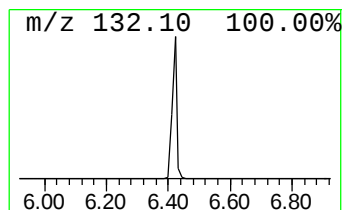
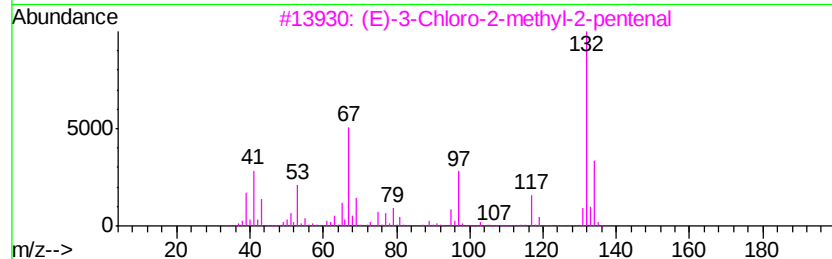
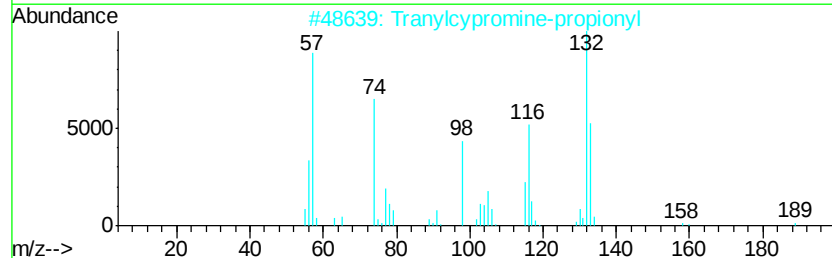
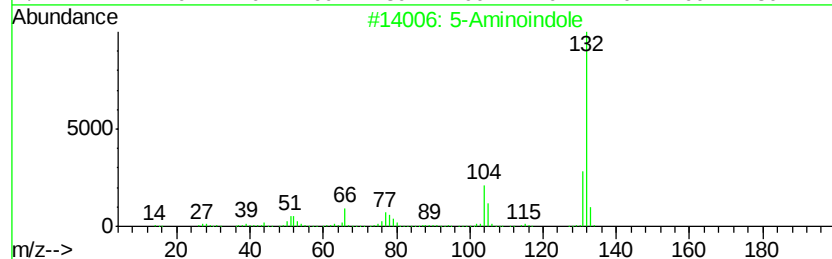
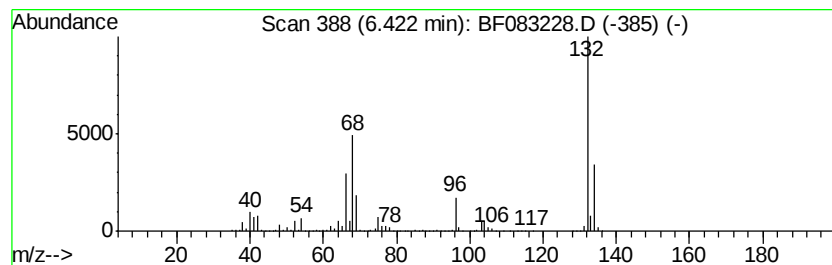
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Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	106.12 ng	6778470	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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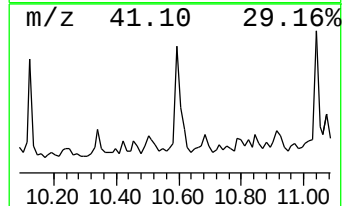
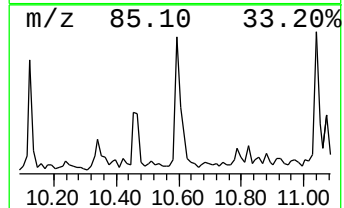
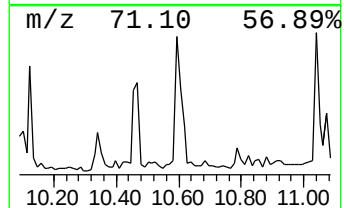
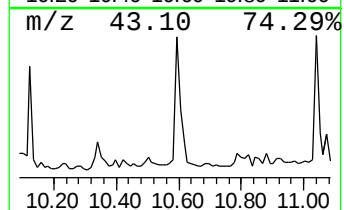
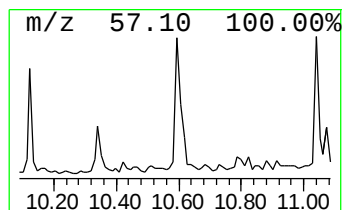
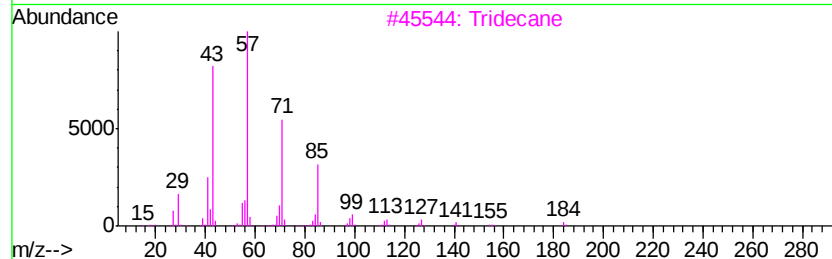
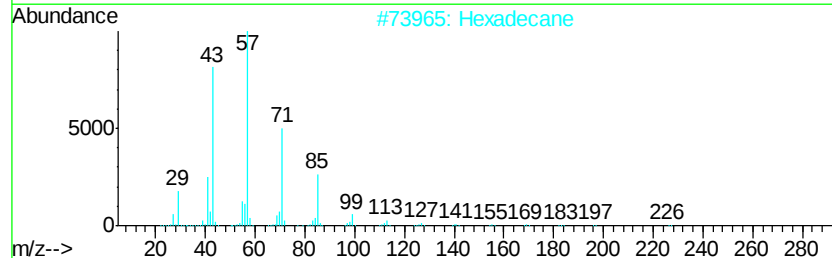
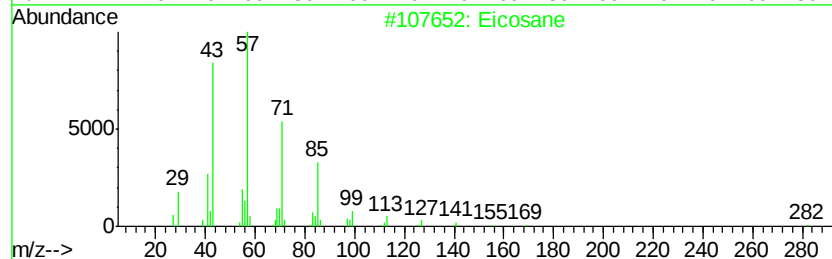
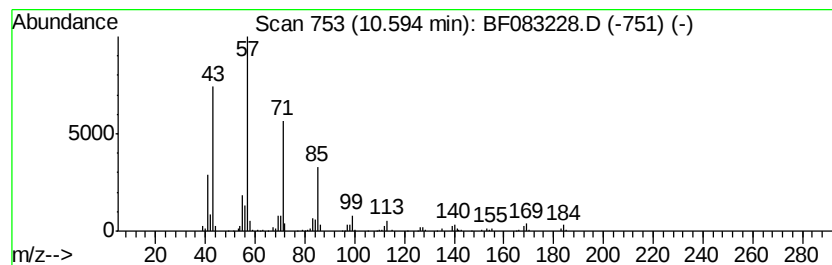
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.70 ng	218995	Phenanthrene-d10	11.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	87
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tridecane		184	C13H28	000629-50-5	83
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	83
5	Pentadecane		212	C15H32	000629-62-9	80



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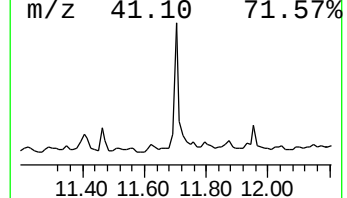
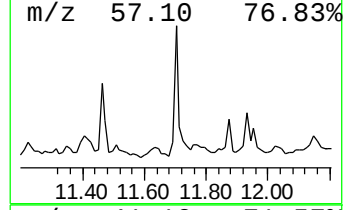
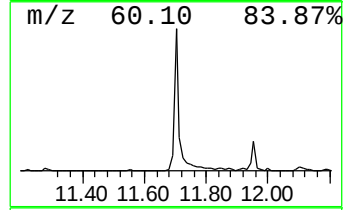
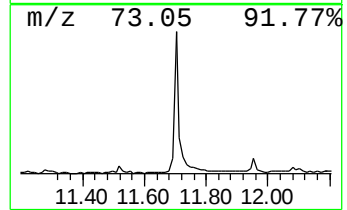
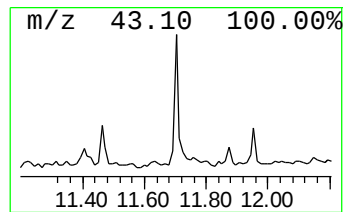
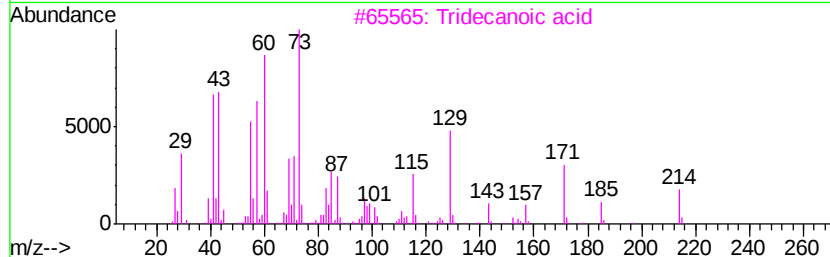
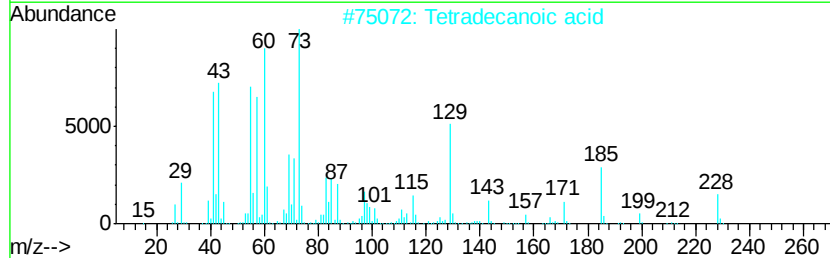
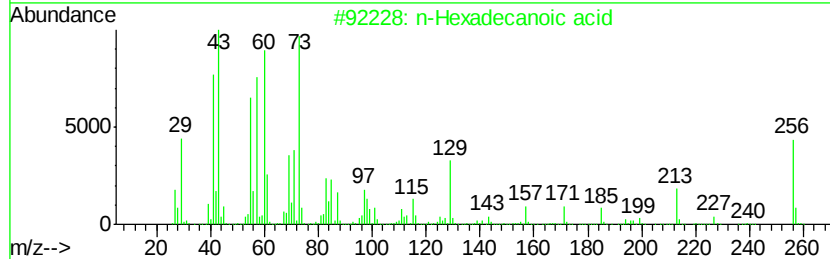
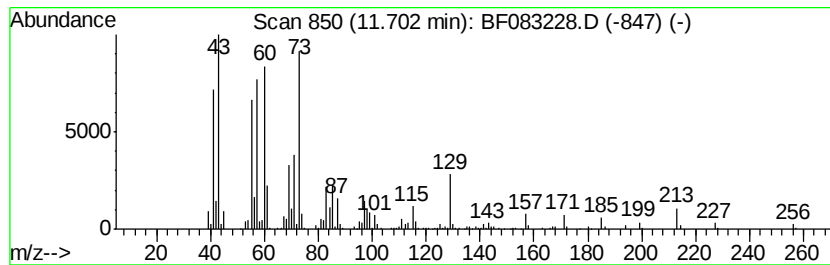
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	7.17 ng	581877	Phenanthrene-d10	11.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Nonanoic acid	158	C9H18O2	000112-05-0	49



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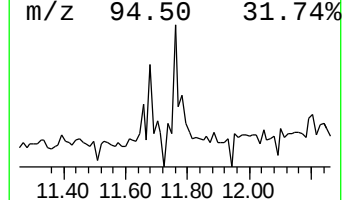
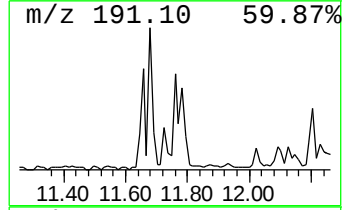
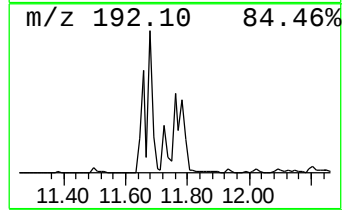
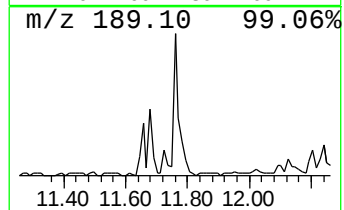
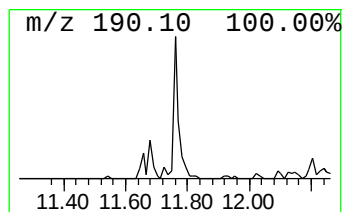
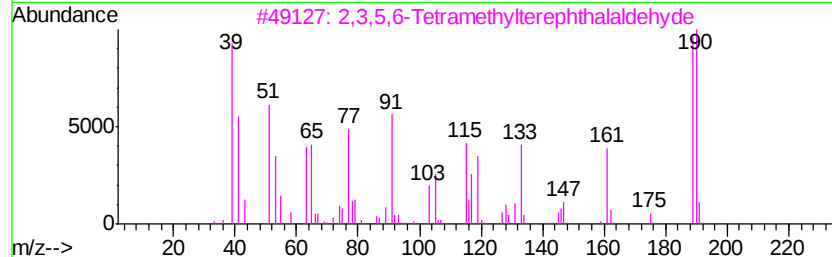
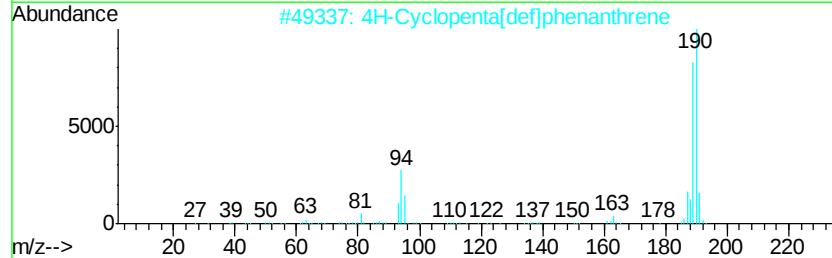
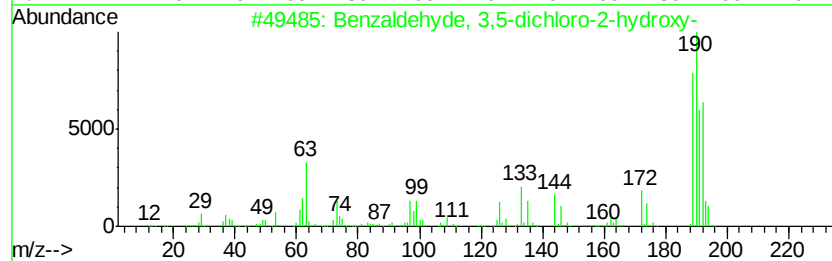
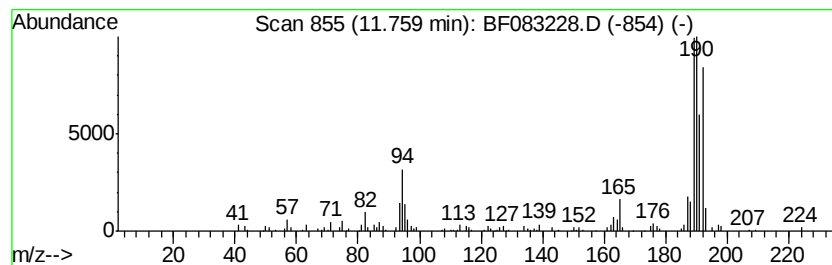
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.14 ng	254403	Phenanthrene-d10	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
5			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083228.D
Acq On : 24 Nov 2015 3:00
Operator : UM/IZ
Sample : G4453-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-2-20151116

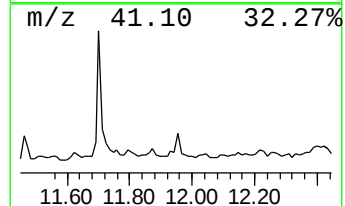
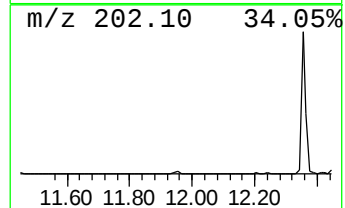
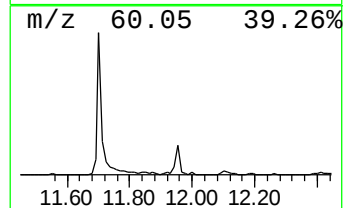
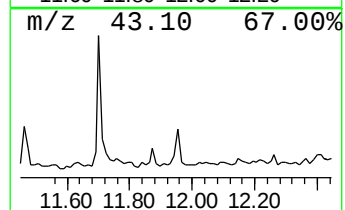
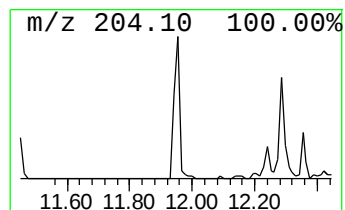
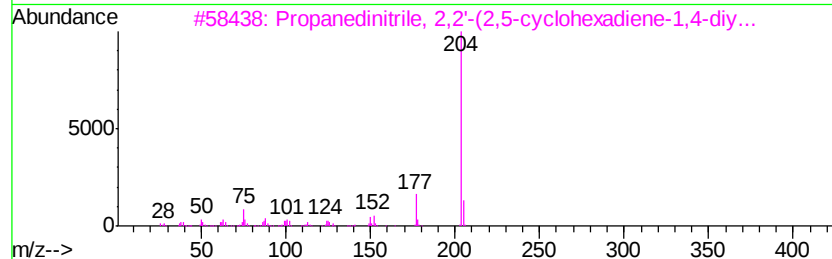
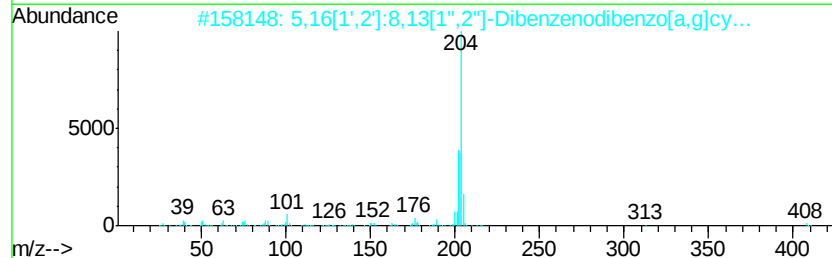
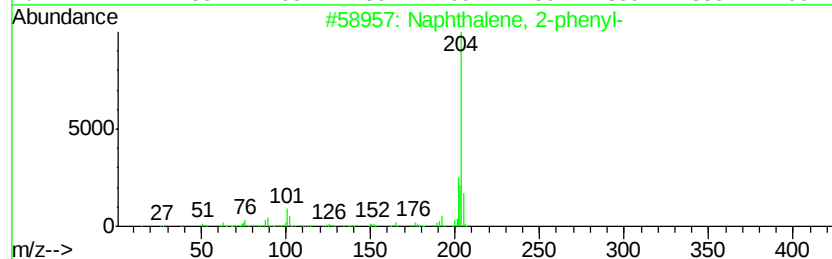
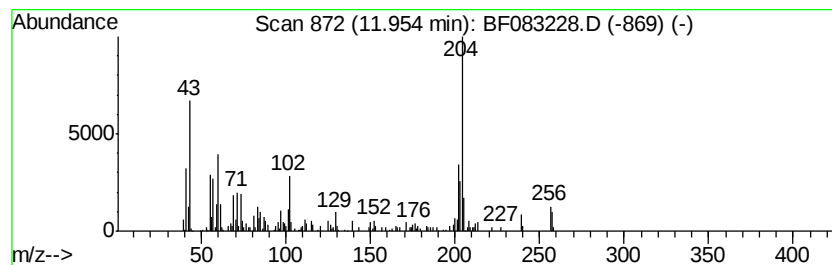
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.95 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.90 ng	235170	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
3		Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	38
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	30
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083228.D
Acq On : 24 Nov 2015 3:00
Operator : UM/IZ
Sample : G4453-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

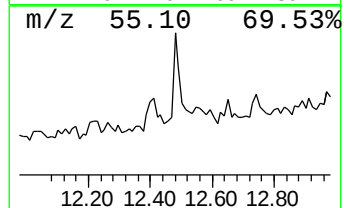
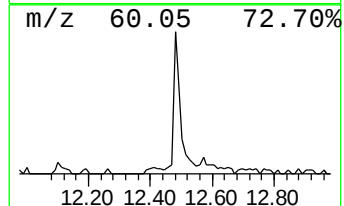
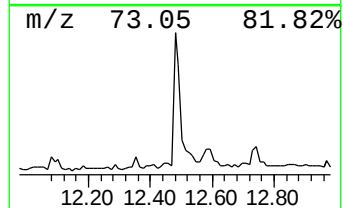
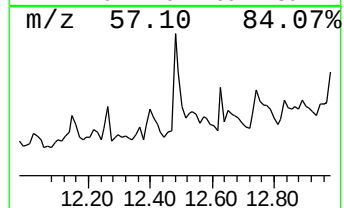
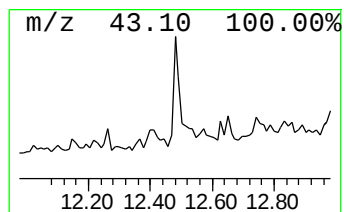
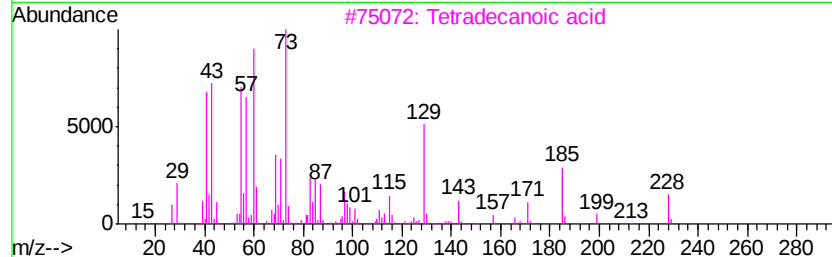
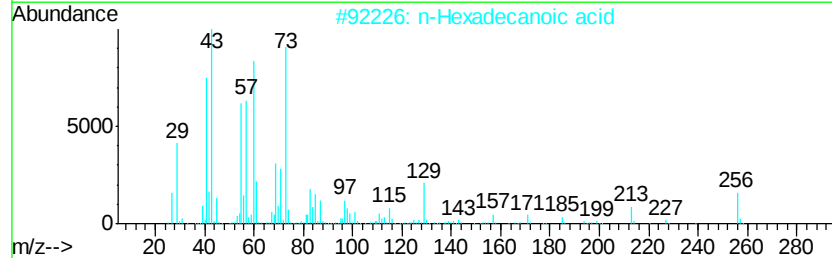
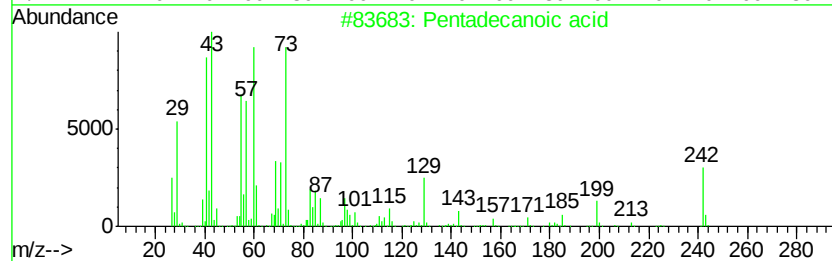
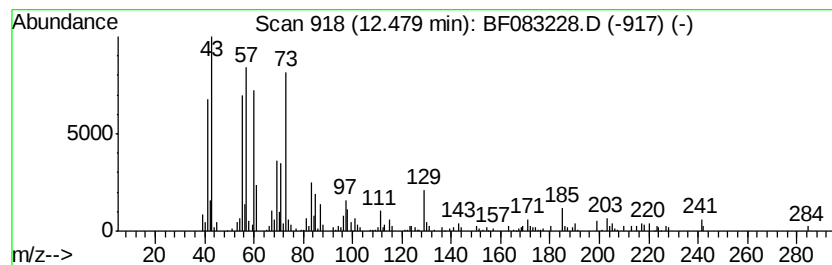
Instrument :
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ClientSampleId :
CWC-MISC-2-20151116

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 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.67 ng	310051	Chrysene-d12	13.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecanoic acid	242 C15H30O2	001002-84-2 90
2		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 86
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 76
4		Tridecanoic acid	214 C13H26O2	000638-53-9 59
5		Lactose	342 C12H22O11	000063-42-3 53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083228.D
Acq On : 24 Nov 2015 3:00
Operator : UM/IZ
Sample : G4453-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

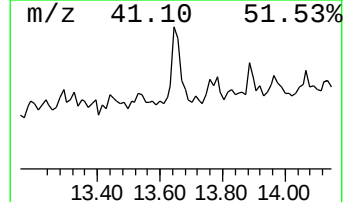
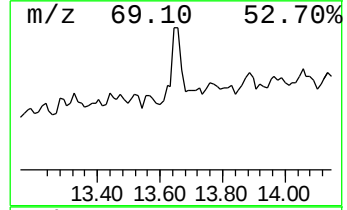
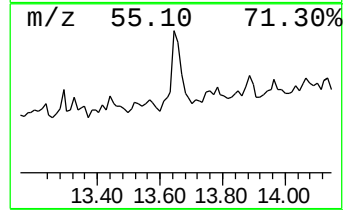
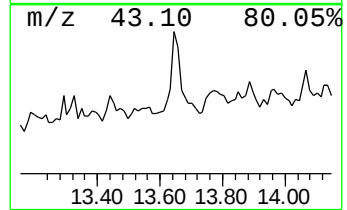
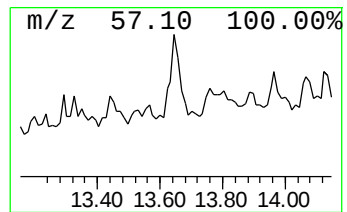
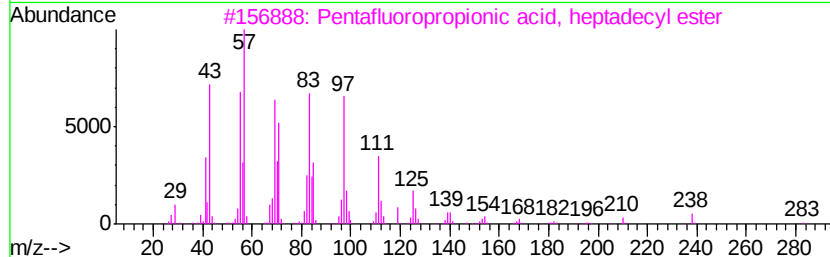
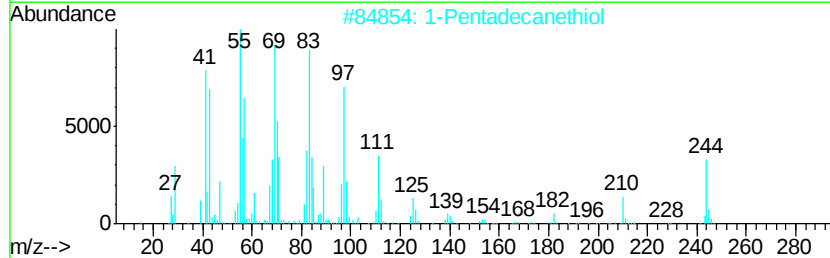
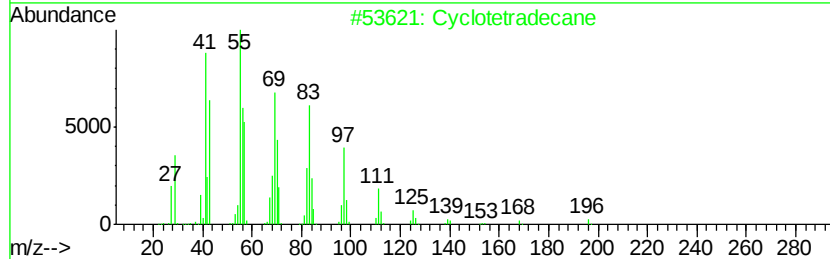
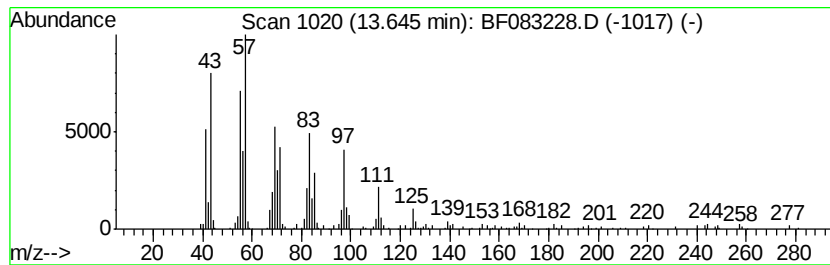
Instrument :
BNA_F
ClientSampleId :
CWC-MISC-2-20151116

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 Cyclotetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.81 ng	325724	Chrysene-d12	13.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetradecane	196 C14H28	000295-17-0 92
2		1-Pentadecanethiol	244 C15H32S	025276-70-4 91
3		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2 91
4		17-Pentatriacontene	491 C35H70	006971-40-0 91
5		1-Hexacosanol	382 C26H54O	000506-52-5 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083228.D
Acq On : 24 Nov 2015 3:00
Operator : UM/IZ
Sample : G4453-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-2-20151116

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...	4.79	58.0	ng	3708170	1	6.64	1277560	20.0
unknown6.42	6.42	106.1	ng	6778470	1	6.64	1277560	20.0
Eicosane	10.59	2.7	ng	218995	4	11.15	1622870	20.0
n-Hexadecanoic acid	11.70	7.2	ng	581877	4	11.15	1622870	20.0
Benzaldehyde, 3,5...	11.76	3.1	ng	254403	4	11.15	1622870	20.0
unknown11.95	11.95	2.9	ng	235170	4	11.15	1622870	20.0
Pentadecanoic acid	12.48	2.7	ng	310051	5	13.78	2320760	20.0
Cyclotetradecane	13.65	2.8	ng	325724	5	13.78	2320760	20.0