

Data Path : V:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083138.D
 Acq On : 22 Nov 2015 5:01
 Operator : UM/IZ
 Sample : G4480-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY SF_002-SPLPSVOC2

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	4.101	183	185	196	rBV	212763	386425	5.26%	0.752%
2	4.810	245	247	260	rBV	813518	1159225	15.77%	2.255%
3	5.256	284	286	296	rBV	3223437	3303553	44.95%	6.427%
4	6.307	377	378	381	rBV	1463593	2144017	29.18%	4.171%
5	6.422	386	388	391	rBV	4149772	4926420	67.04%	9.585%
6	6.650	406	408	411	rBV	1346856	1218638	16.58%	2.371%
7	6.810	419	422	424	rBV	4946169	4852455	66.03%	9.441%
8	7.222	455	458	461	rBV	3475290	3941377	53.63%	7.668%
9	7.359	468	470	476	rBV2	70645	108779	1.48%	0.212%
10	7.942	518	521	523	rBV	1595933	1651907	22.48%	3.214%
11	9.016	612	615	618	rBV	5092053	6975196	94.92%	13.571%
12	9.348	642	644	646	rBV	77878	120763	1.64%	0.235%
13	9.416	649	650	653	rBV	109301	175313	2.39%	0.341%
14	9.690	671	674	676	rBV	1487160	1827857	24.87%	3.556%
15	10.113	706	711	712	rBV2	46741	84079	1.14%	0.164%
16	10.479	740	743	745	rBV	3644647	4596543	62.55%	8.943%
17	10.605	752	754	757	rVB	69719	85735	1.17%	0.167%
18	11.051	791	793	795	rBV	78372	74320	1.01%	0.145%
19	11.165	800	803	805	rBV	1740571	1861429	25.33%	3.622%
20	11.713	849	851	855	rBV2	500545	557840	7.59%	1.085%
21	12.491	917	919	922	rBV	228802	328668	4.47%	0.639%
22	12.754	939	942	944	rBV	6451503	7348669	100.00%	14.298%
23	13.668	1019	1022	1026	rBV	196667	277106	3.77%	0.539%
24	13.782	1030	1032	1035	rBV	1821294	1814001	24.68%	3.529%
25	15.154	1149	1152	1155	rBV	1143250	1492324	20.31%	2.903%
26	16.000	1224	1226	1231	rVB4	38662	85153	1.16%	0.166%

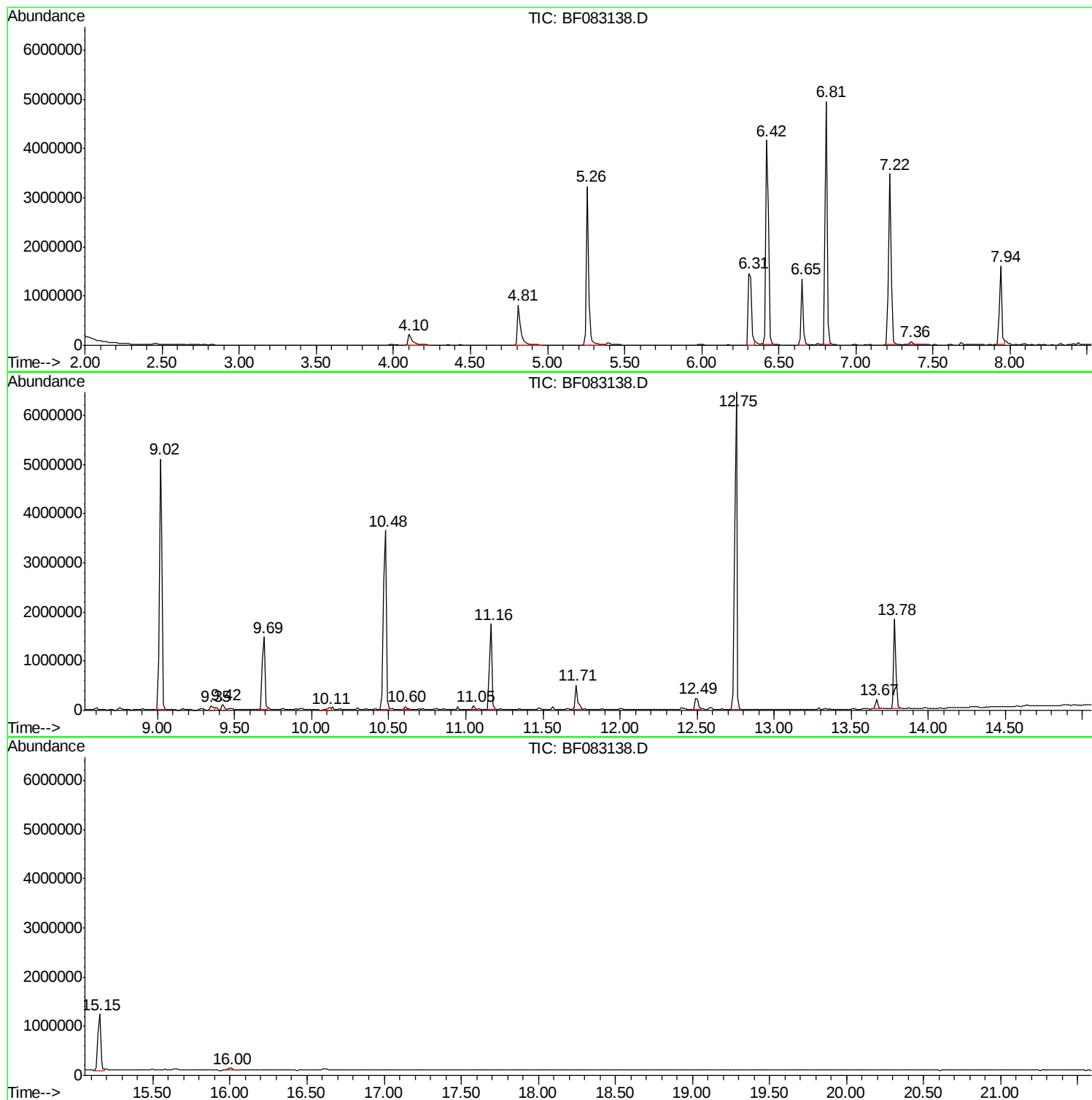
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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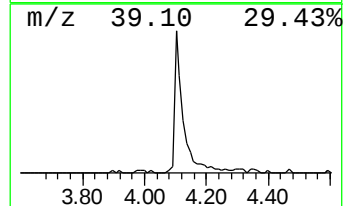
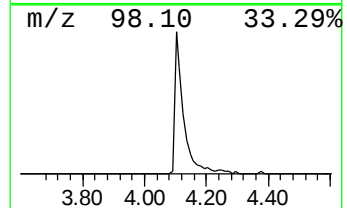
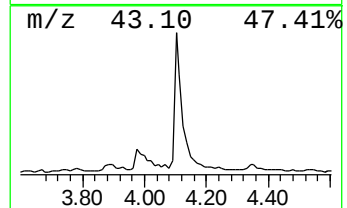
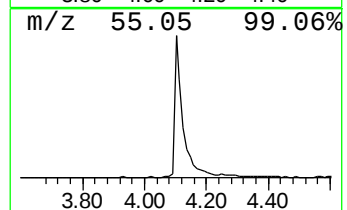
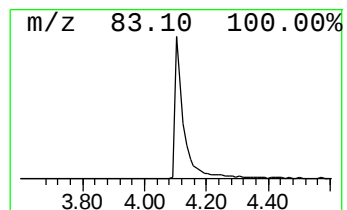
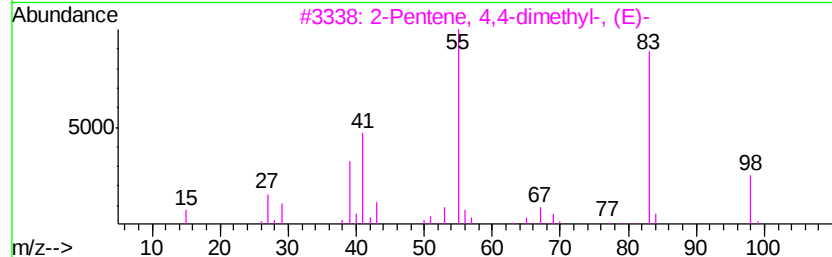
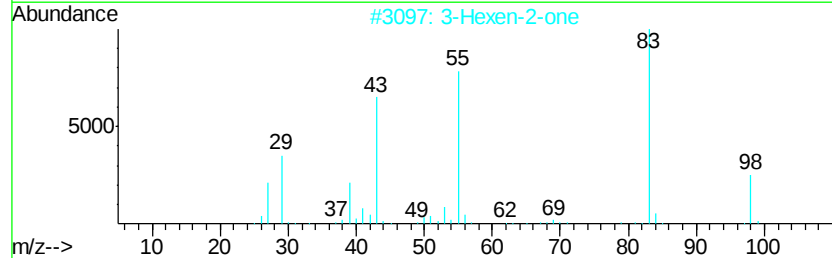
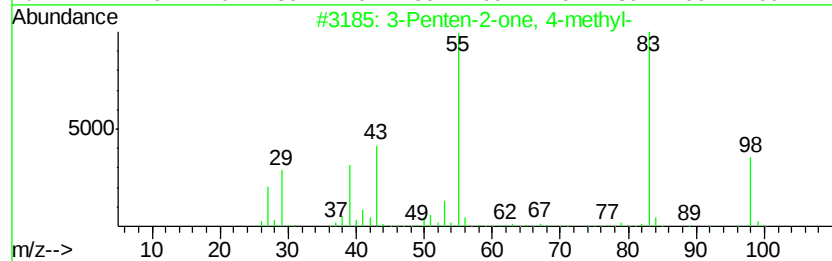
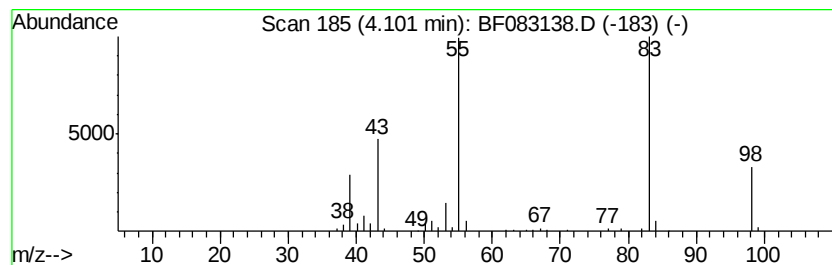
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	6.34 ng	386425	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	87
3			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80
4			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5			2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80



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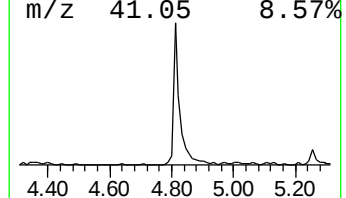
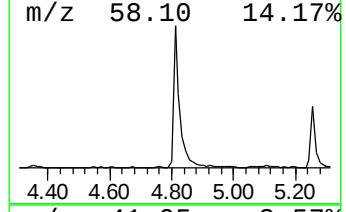
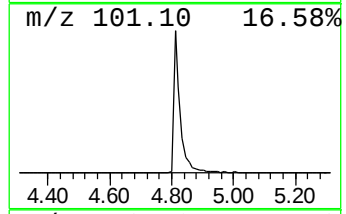
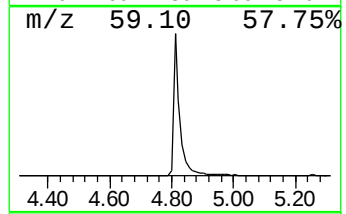
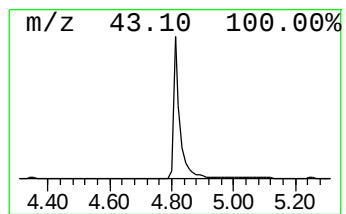
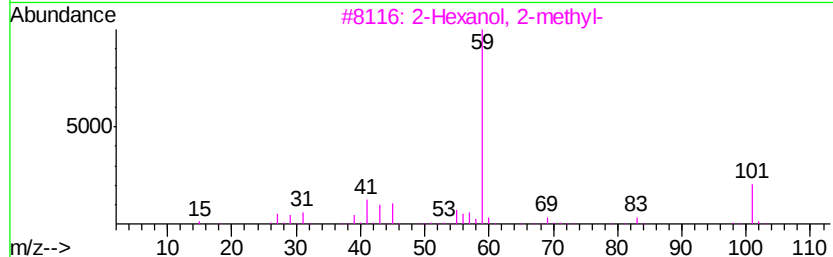
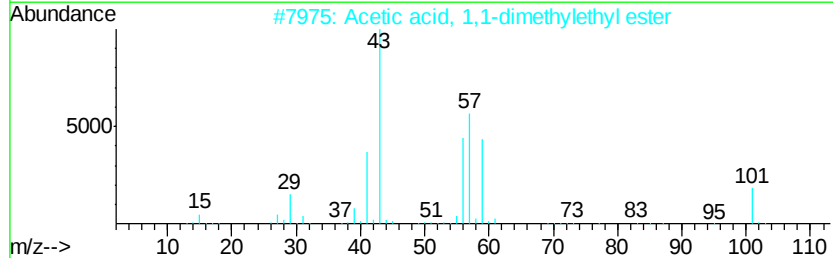
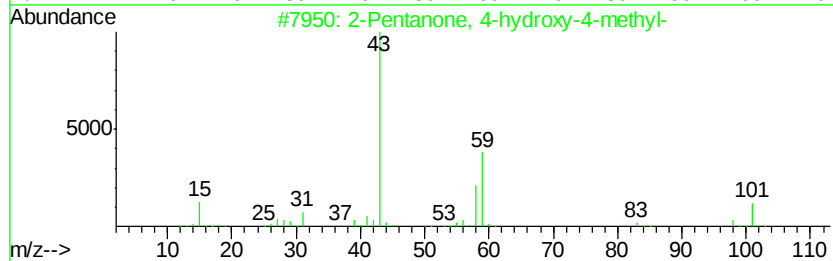
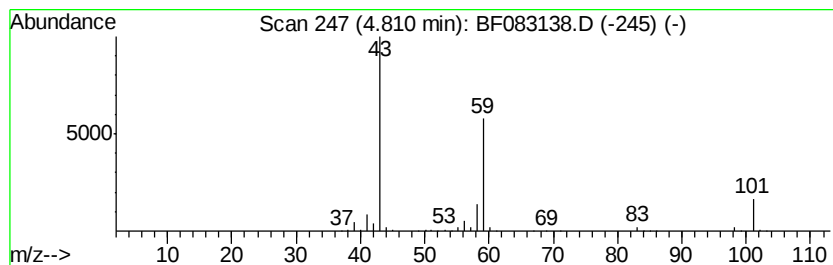
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	19.02 ng	1159230	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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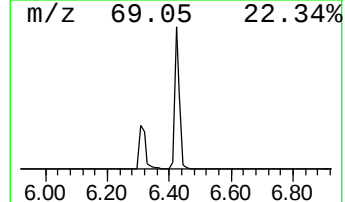
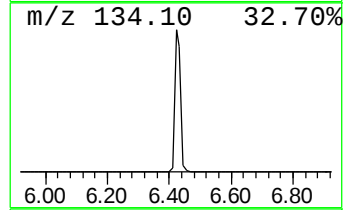
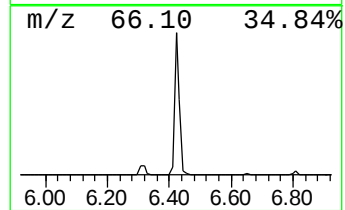
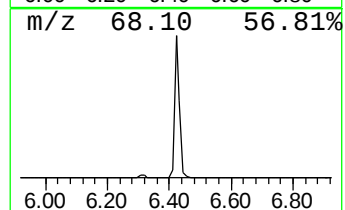
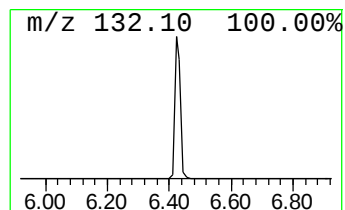
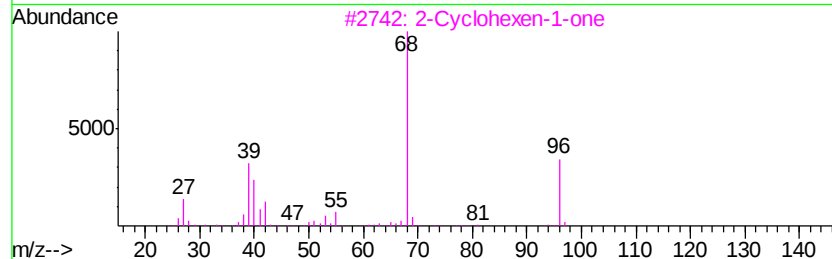
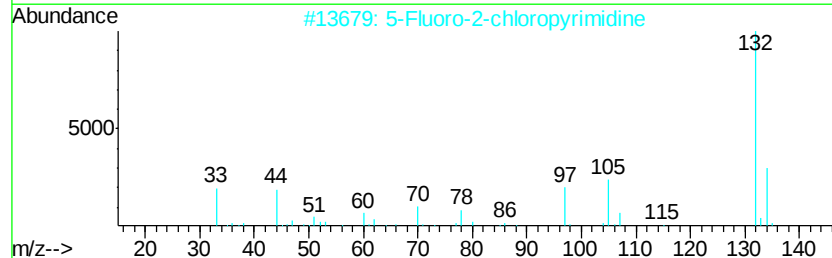
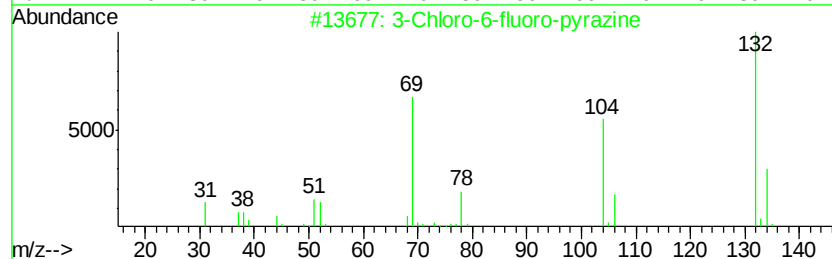
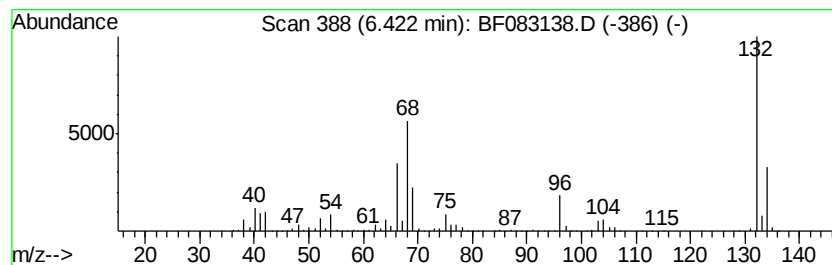
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	80.85 ng	4926420	1,4-Dichlorobenzene-d4	6.65

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	12
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9



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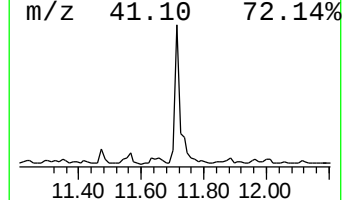
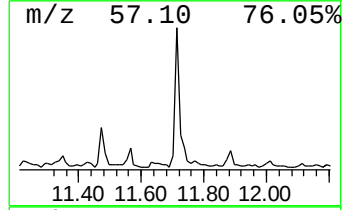
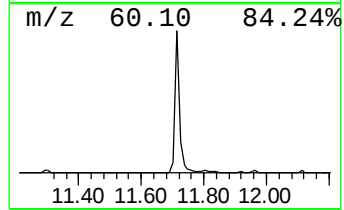
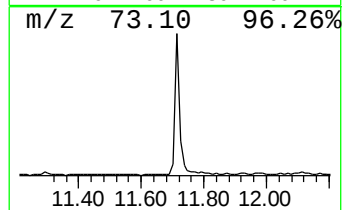
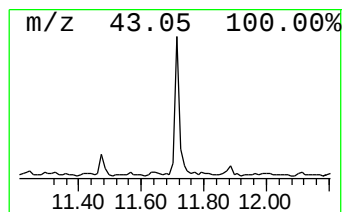
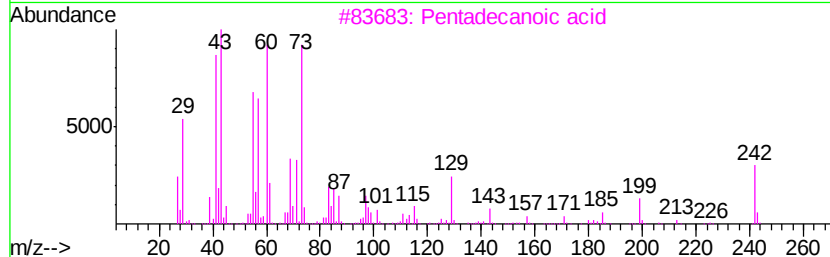
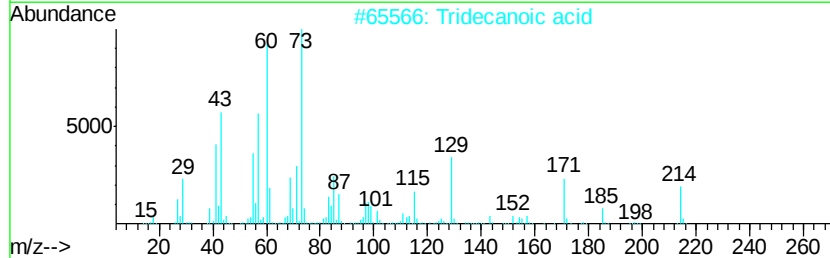
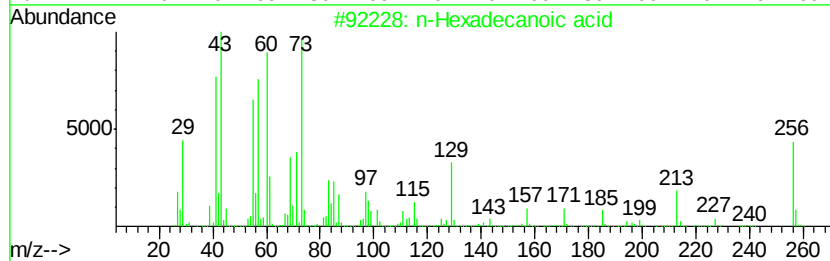
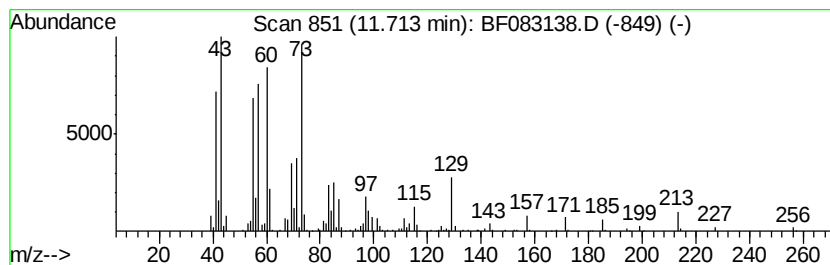
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	5.99 ng	557840	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Undecanoic acid	186	C11H22O2	000112-37-8	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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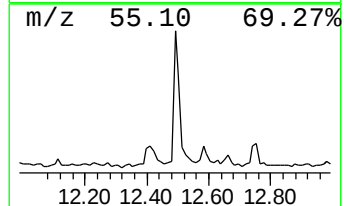
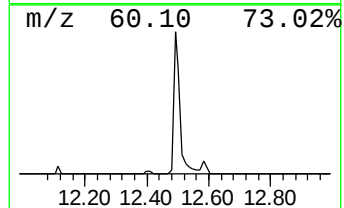
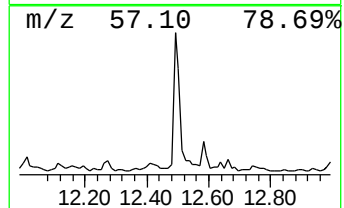
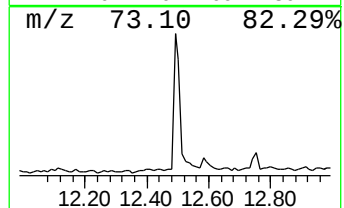
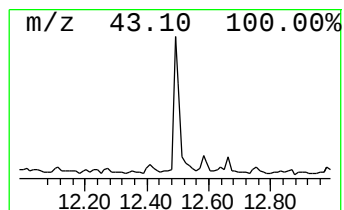
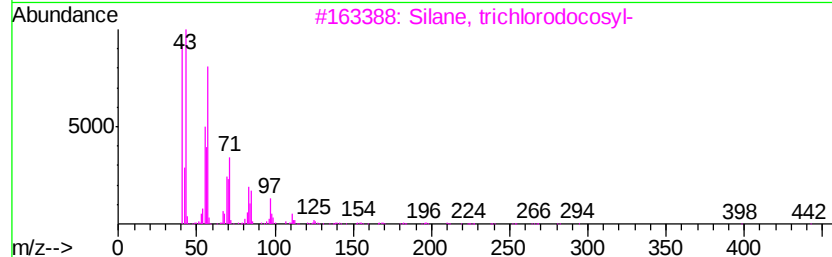
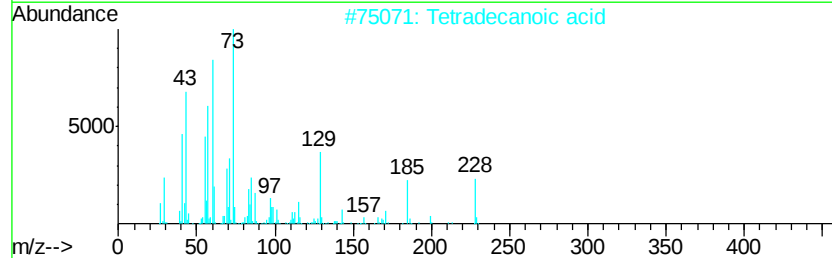
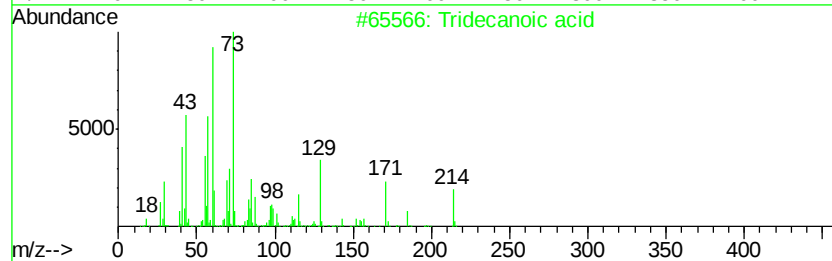
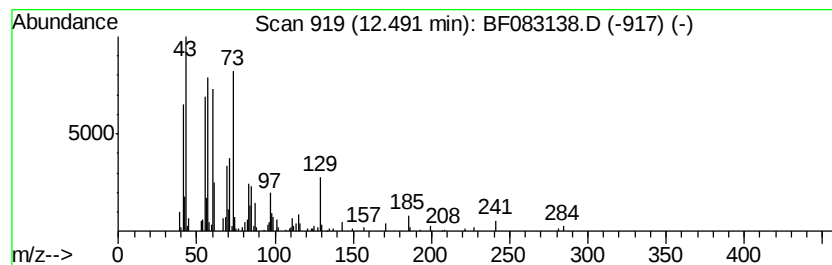
Instrument :
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Peak Number 6 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.49	3.62 ng	328668	Chrysene-d12		13.78
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	59
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
3	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	30
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	27
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25



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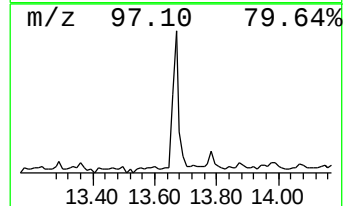
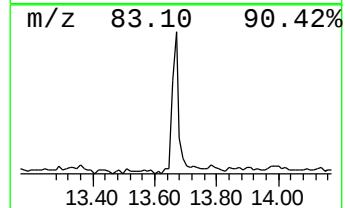
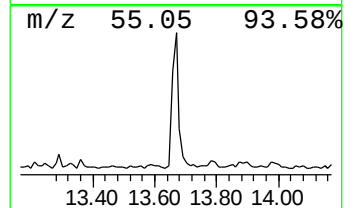
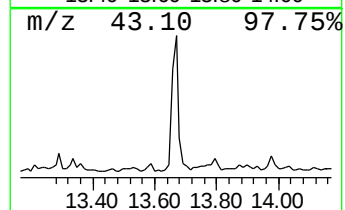
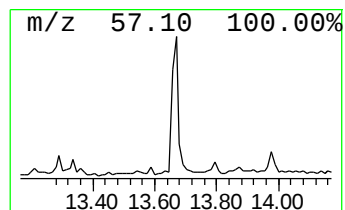
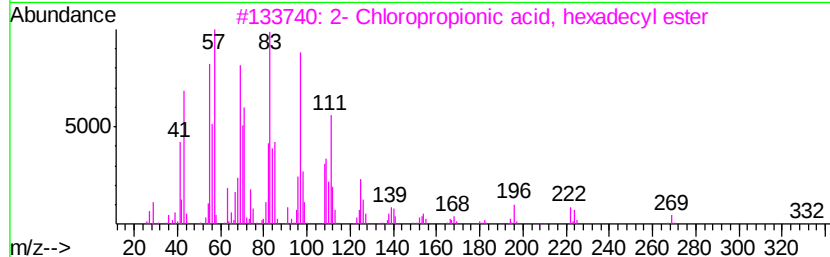
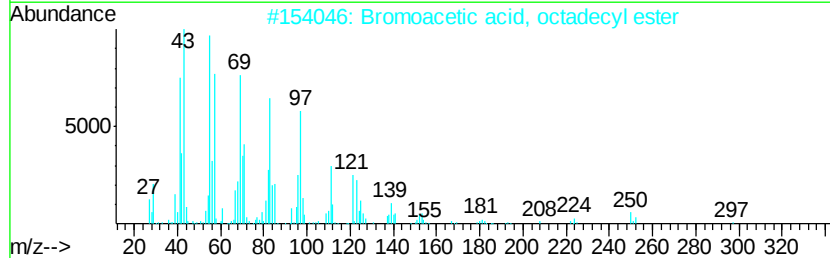
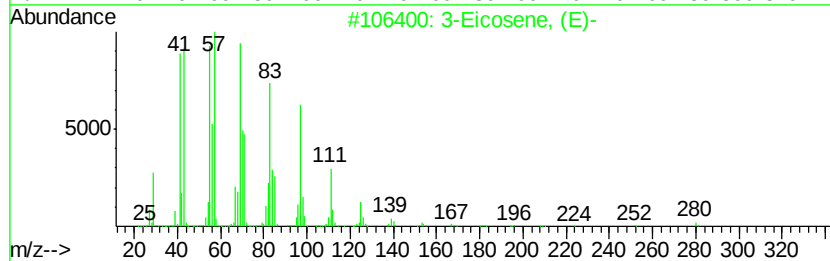
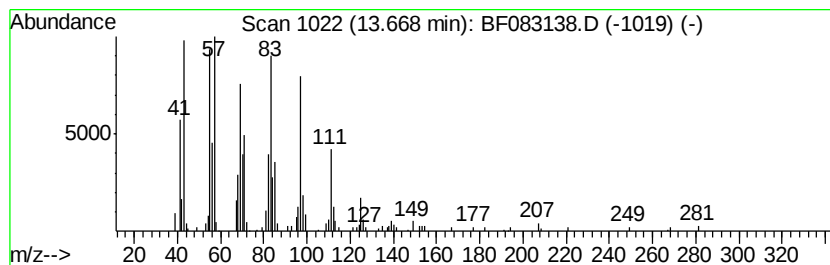
Instrument :
BNA_F
ClientSampleId :
LIBERTY SF_002-SPLPSVOC2

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 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	3.06 ng	277106	Chrysene-d12	13.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-	280 C20H40	074685-33-9	91
2	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	91
3	2- Chloropropionic acid, hexadec...	332 C19H37ClO2	086711-81-1	91
4	1-Nonadecene	266 C19H38	018435-45-5	90
5	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	90



Data Path : V:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083138.D
Acq On : 22 Nov 2015 5:01
Operator : UM/IZ
Sample : G4480-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIBERTY SF_002-SPLPSVOC2

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
3-Penten-2-one, 4...	4.10	6.3	ng	386425	1	6.65	1218640	20.0
2-Pentanone, 4-hy...	4.81	19.0	ng	1159230	1	6.65	1218640	20.0
unknown6.42	6.42	80.8	ng	4926420	1	6.65	1218640	20.0
n-Hexadecanoic acid	11.71	6.0	ng	557840	4	11.16	1861430	20.0
Tridecanoic acid	12.49	3.6	ng	328668	5	13.78	1814000	20.0
3-Eicosene, (E)-	13.67	3.1	ng	277106	5	13.78	1814000	20.0