LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079634.D
Acq On : 31 May 2015 15:46
Operator : TP/IZ
Sample : G2416-30
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IA14.2(2)

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-BF052615.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	1.530	29	30	38	rBV	596171	1110597	16.67%	4.279%
2	1.633	38	39	67	rVB	3122142	6660501	100.00%	25.663%
3	4.593	297	298	306	rBV	46563	93035	1.40%	0.358%
4	5.164	346	348	360	rBV	1312871	1662187	24.96%	6.404%
5	6.502	463	465	473	rBV	1657733	1762560	26.46%	6.791%
6	6.616	473	475	478	rBV	1835932	1788664	26.85%	6.892%
7	6.902	498	500	503	rBV	306771	319477	4.80%	1.231%
8	7.085	514	516	519	rBV	1084310	1271722	19.09%	4.900%
9	7.610	559	562	564	rBV	1031381	1113704	16.72%	4.291%
10	8.479	636	638	643	rBV	440346	506251	7.60%	1.951%
11	9.828	754	756	759	rBV	1813879	1838508	27.60%	7.084%
12	10.342	799	801	803	rBV	240809	237767	3.57%	0.916%
13	10.651	825	828	830	rVB	388131	530419	7.96%	2.044%
14	11.622	911	913	916	rBV	1236417	1443647	21.67%	5.562%
15	11.839	930	932	936	rBV	44281	78275	1.18%	0.302%
16	12.479	986	988	989	rBV	568739	555464	8.34%	2.140%
17	12.502	989	990	993	rVB	168251	191269	2.87%	0.737%
18	13.234	1052	1054	1061	rVB3	61538	141331	2.12%	0.545%
19	13.977	1116	1119	1121	rBV	232899	225066	3.38%	0.867%
20	14.251	1141	1143	1146	rVB	202417	217155	3.26%	0.837%
21	14.354	1149	1152	1156	rVB	57222	83292	1.25%	0.321%
22	14.468	1160	1162	1165	rVB	1618659	1994244	29.94%	7.684%
23	15.645	1263	1265	1271	rBV	189322	326507	4.90%	1.258%
24	15.748	1271	1274	1276	rBV2	633743	758902	11.39%	2.924%
25	17.028	1382	1386	1392	rBV	85258	211600	3.18%	0.815%
26	17.394	1416	1418	1421	rBV	76478	98139	1.47%	0.378%
27	17.463	1421	1424	1426	rBV	408606	643842	9.67%	2.481%
28	18.731	1533	1535	1541	rBV2	41038	89413	1.34%	0.345%

Sum of corrected areas: 25953538

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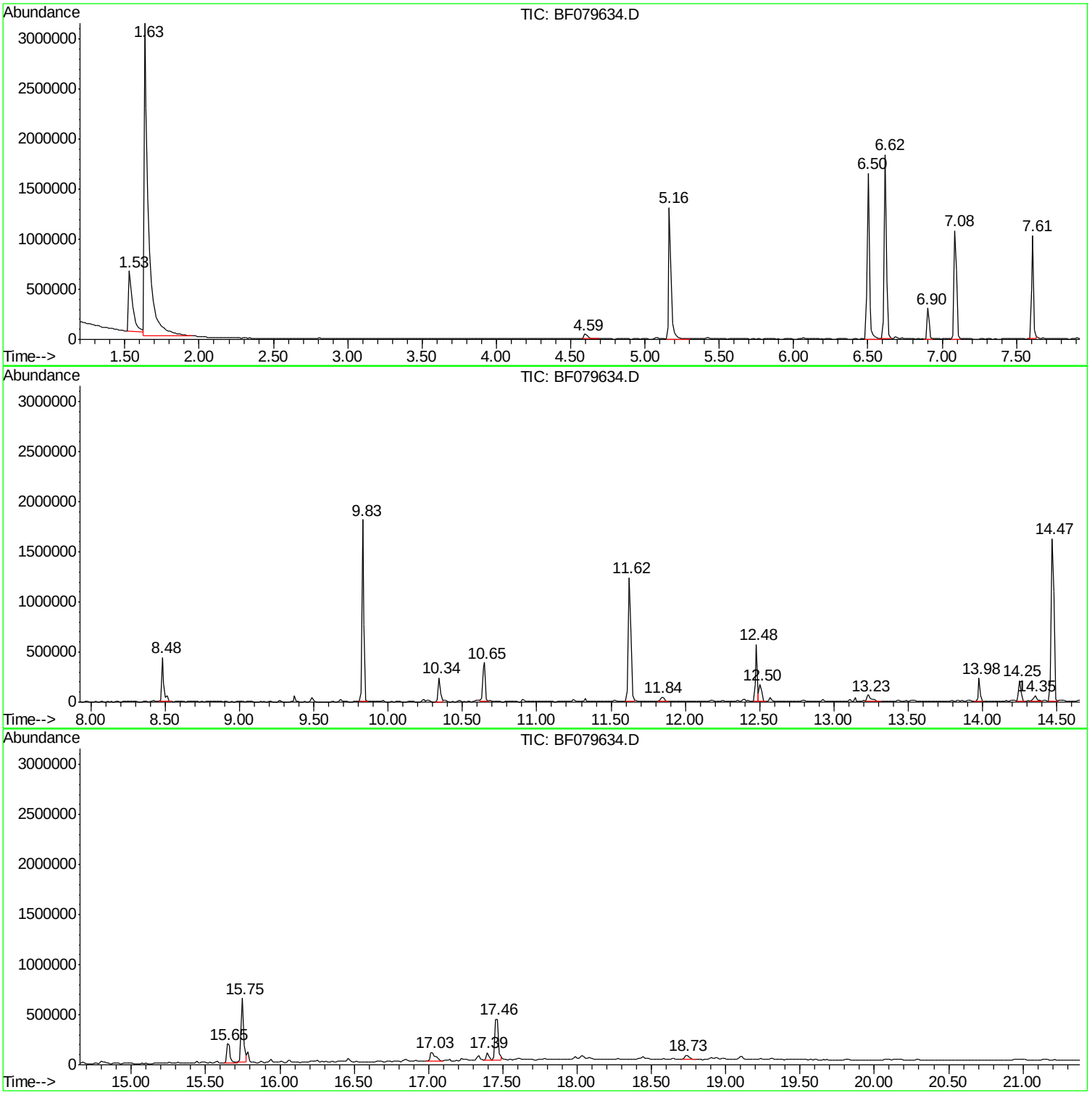
IA14.2(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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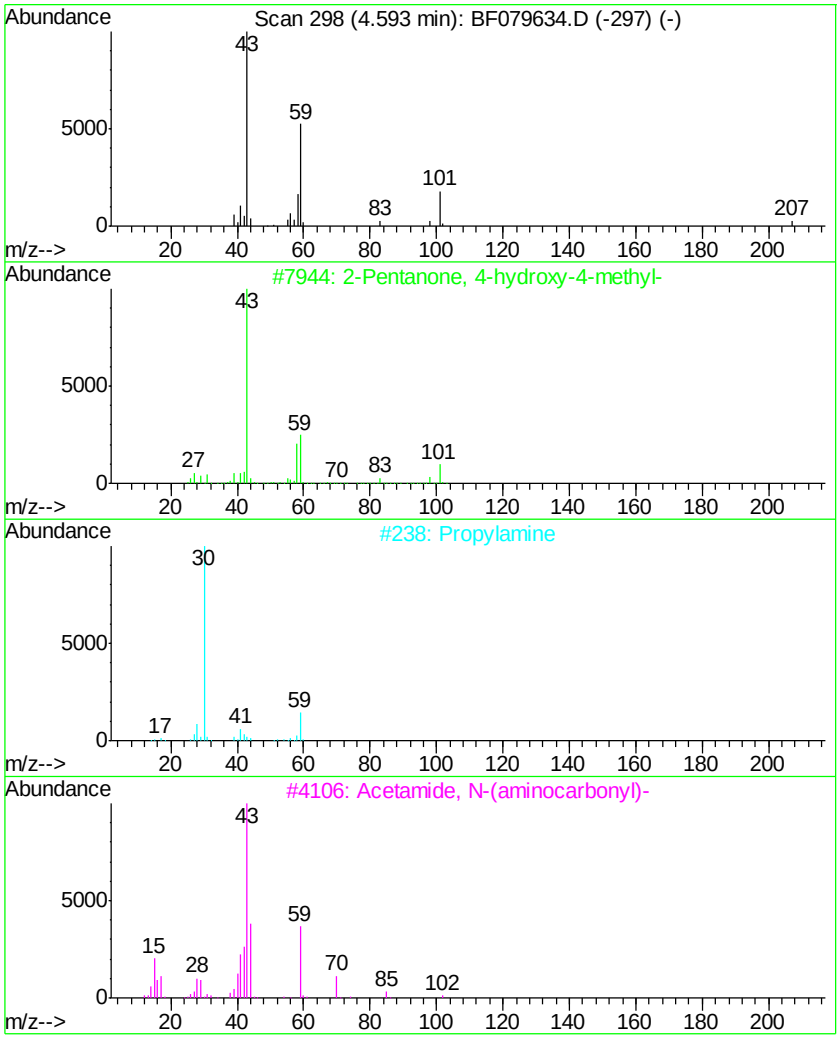
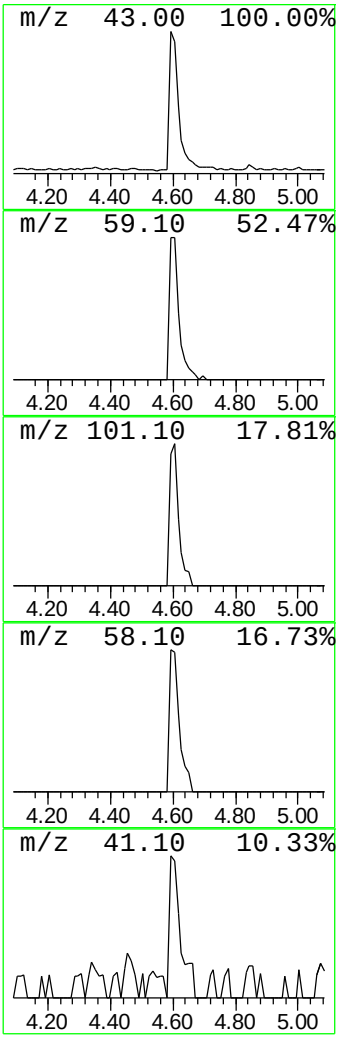
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	5.82 ng	93035	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propylamine	59	C3H9N	000107-10-8	9
3	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IA14.2(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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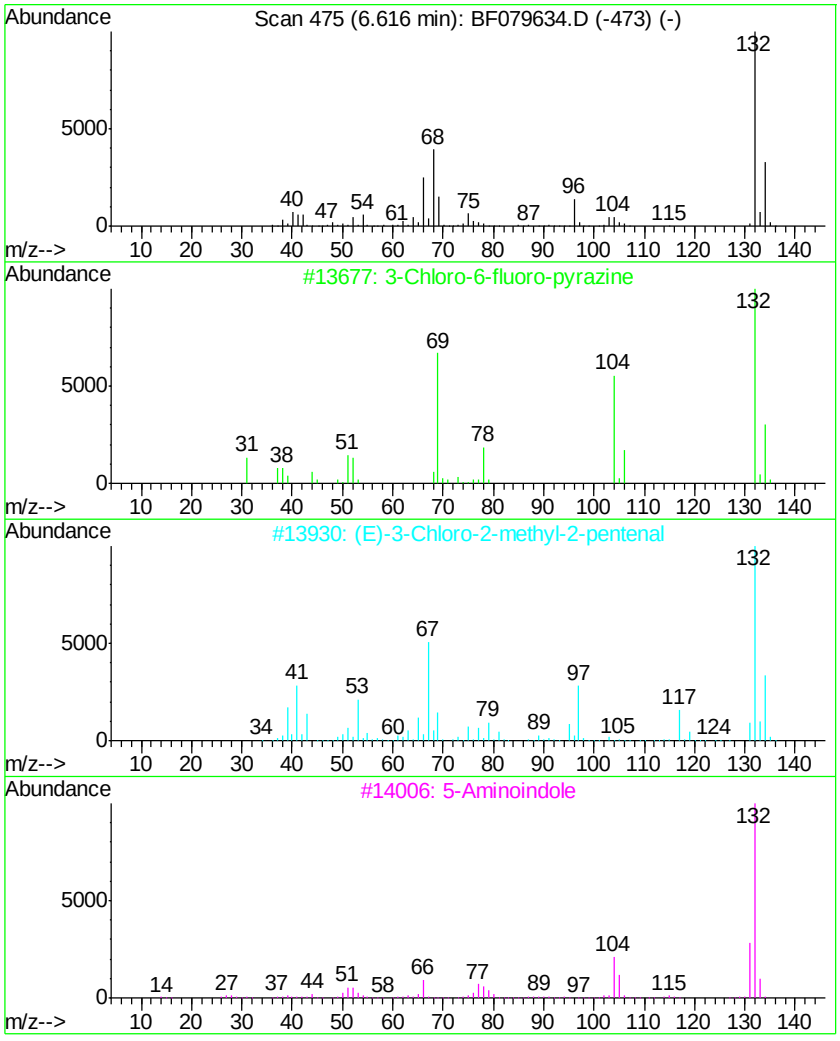
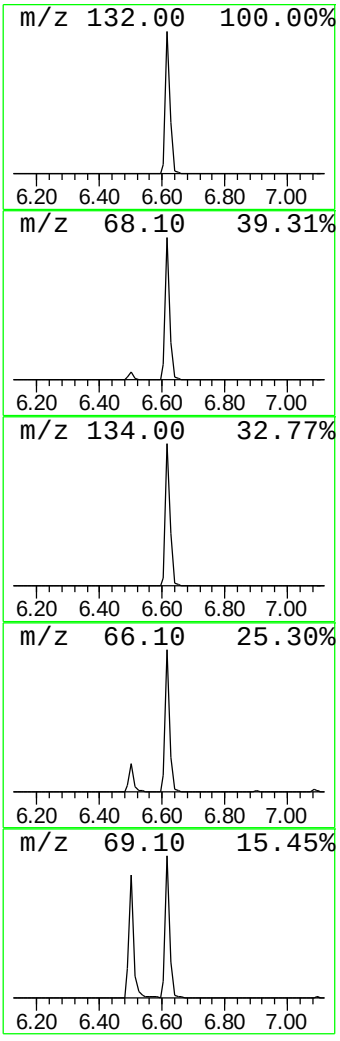
Peak Number 4 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	111.98 ng	1788660	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : G2416-30
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IA14.2(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
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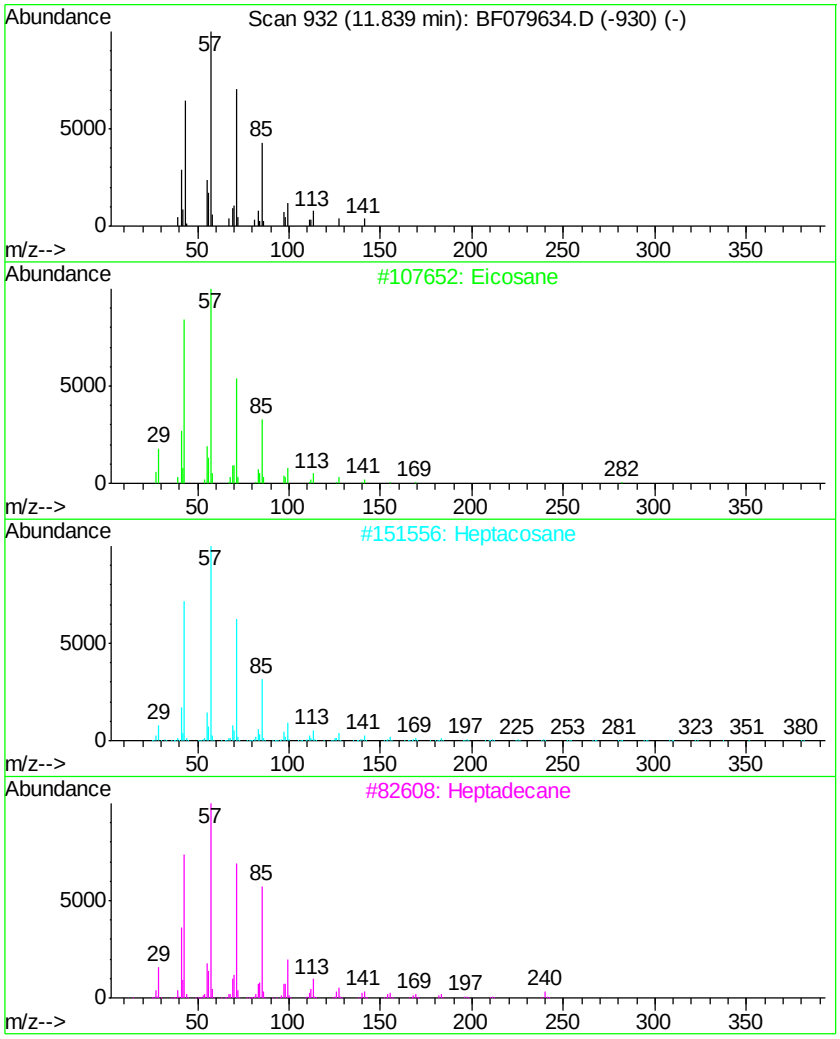
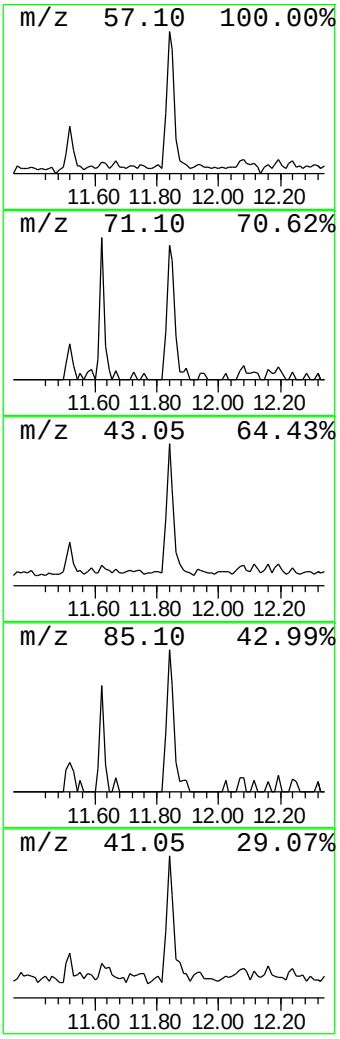
Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.82 ng	78275	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane	240	C17H36	000629-78-7	86
4	Nonadecane	268	C19H40	000629-92-5	83
5	Tritetracontane	605	C43H88	007098-21-7	83





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ClientSampleId : IA14.2(2)

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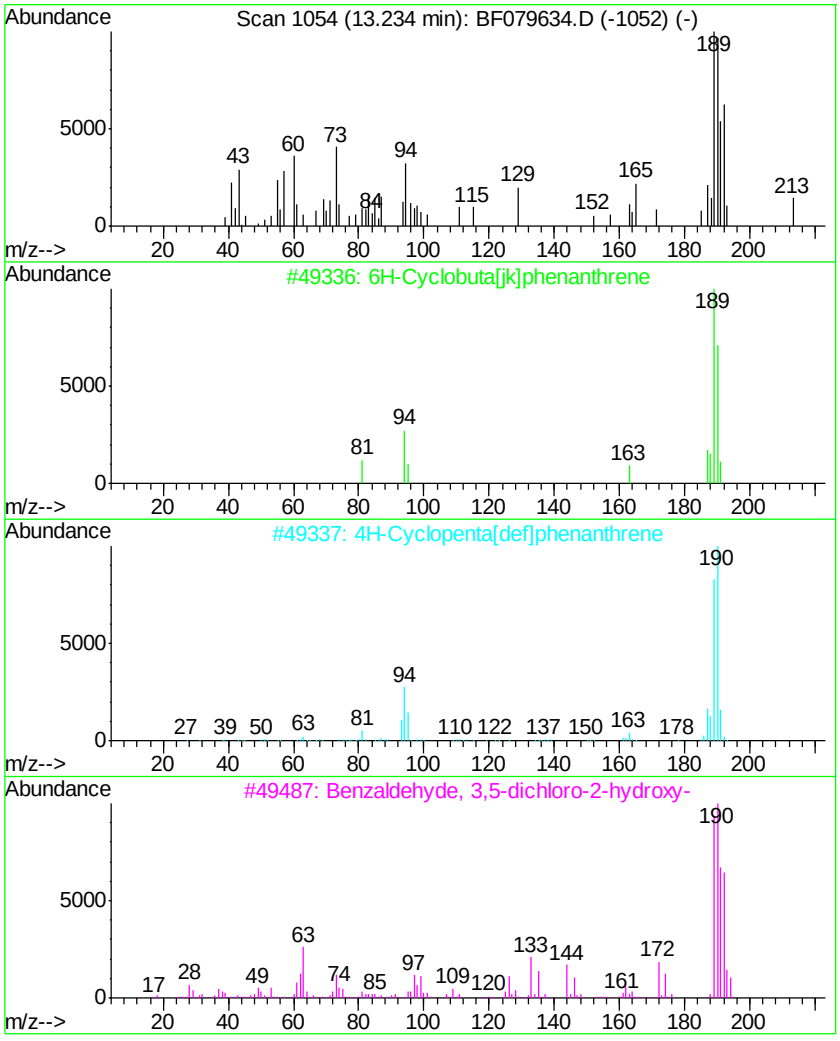
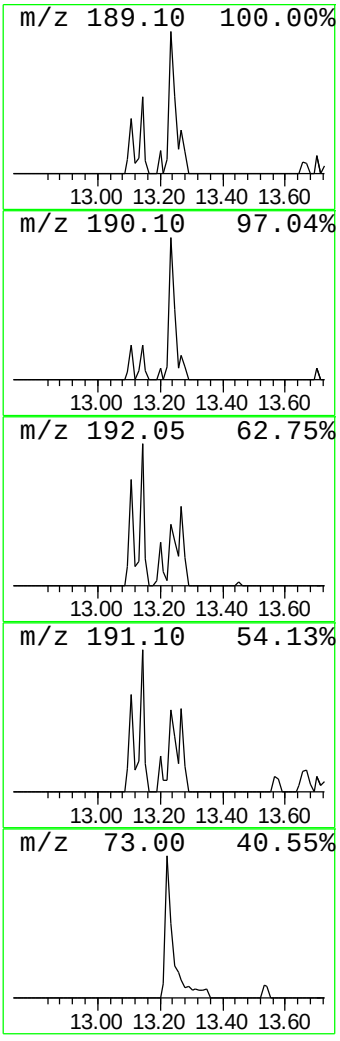
Peak Number 7 6H-Cyclobuta[jk]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	5.09 ng	141331	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	46
4	5-Bromofuroic acid	190	C5H3BrO3	000585-70-6	22
5	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	22





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Instrument : BNA_F
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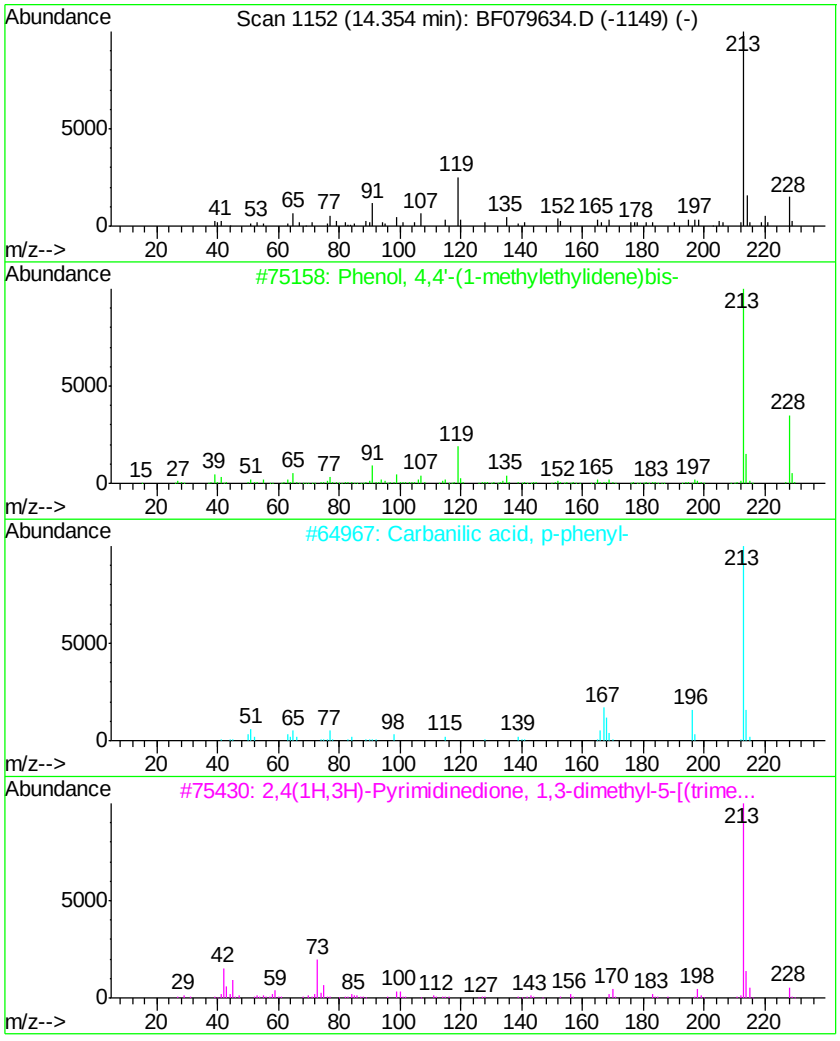
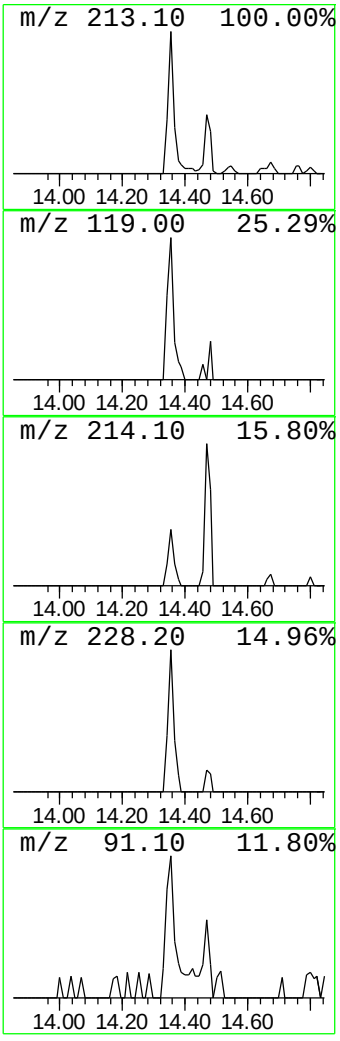
Peak Number 8 Phenol, 4,4'-(1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.20 ng	83292	Chrysene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
3	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	53
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
5	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	50





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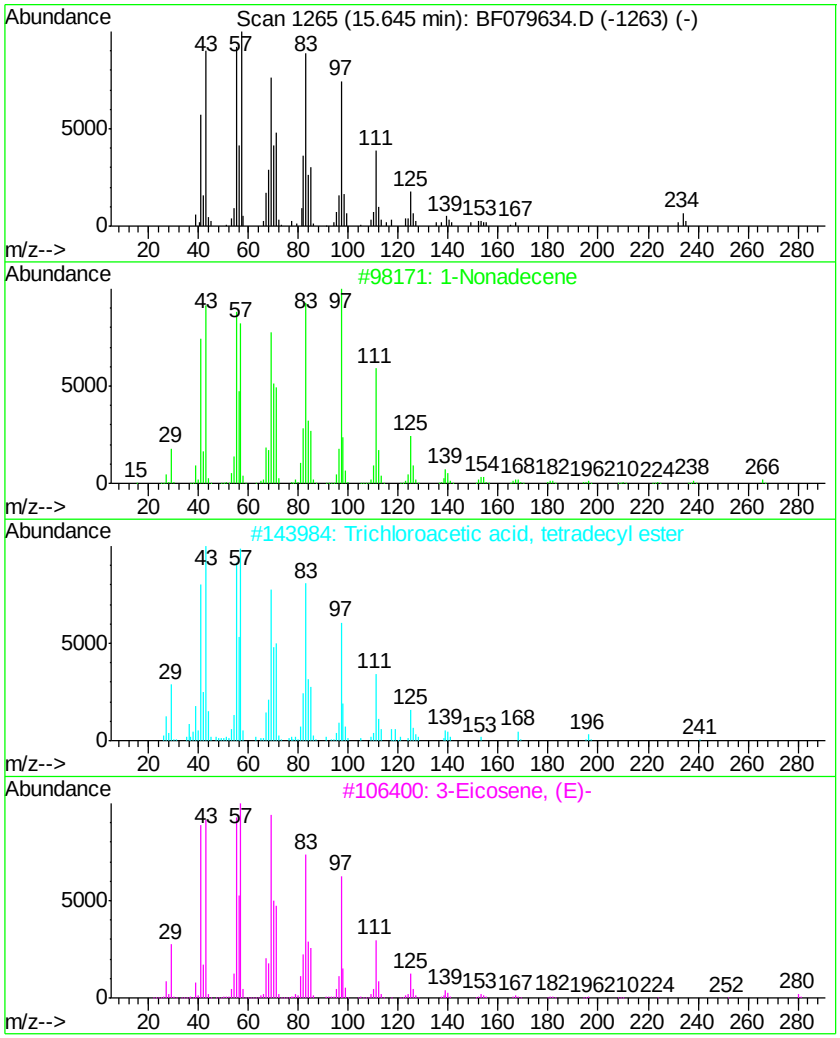
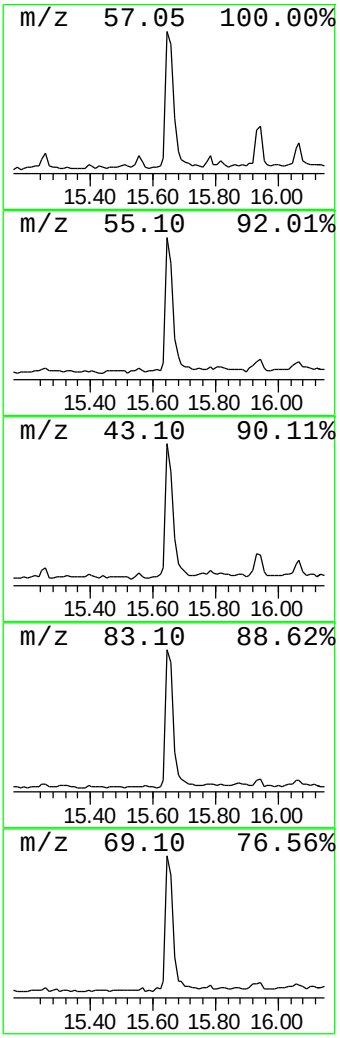
Peak Number 9 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	8.60 ng	326507	Chrysene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.59	5.8	ng	93035	1	6.90	319477	20.0
unknown6.62	6.62	112.0	ng	1788660	1	6.90	319477	20.0
Eicosane	11.84	2.8	ng	78275	4	12.48	555464	20.0
6H-Cyclobuta[jk]p...	13.23	5.1	ng	141331	4	12.48	555464	20.0
Phenol, 4,4'-(1-m...	14.35	2.2	ng	83292	5	15.75	758902	20.0
1-Nonadecene	15.65	8.6	ng	326507	5	15.75	758902	20.0