

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013389.D
 Acq On : 14 Dec 2017 00:20
 Operator : SJ/JU
 Sample : I6775-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 14 01:24:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	142852	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	610648	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	393665	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	984824	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1226954	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1165045	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	10193	3.53	ng/uL	0.00
5) Phenol-d5	6.86	99	215205	17.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	135270	19.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	182351	18.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	167221	15.84	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	96483	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	103779	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	190485	17.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	155538	15.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	690947	19.72	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	811622	18.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	69186	11.37	ng/ul	0.00
57) Fluorene-d10	15.32	176	578116	19.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	83686	13.51	ng/ul	0.00
70) Anthracene-d10	17.17	188	933131	18.92	ng/ul	0.00
76) Pyrene-d10	19.47	212	1134964	18.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1078977	18.18	ng/ul	0.00

Target Compounds

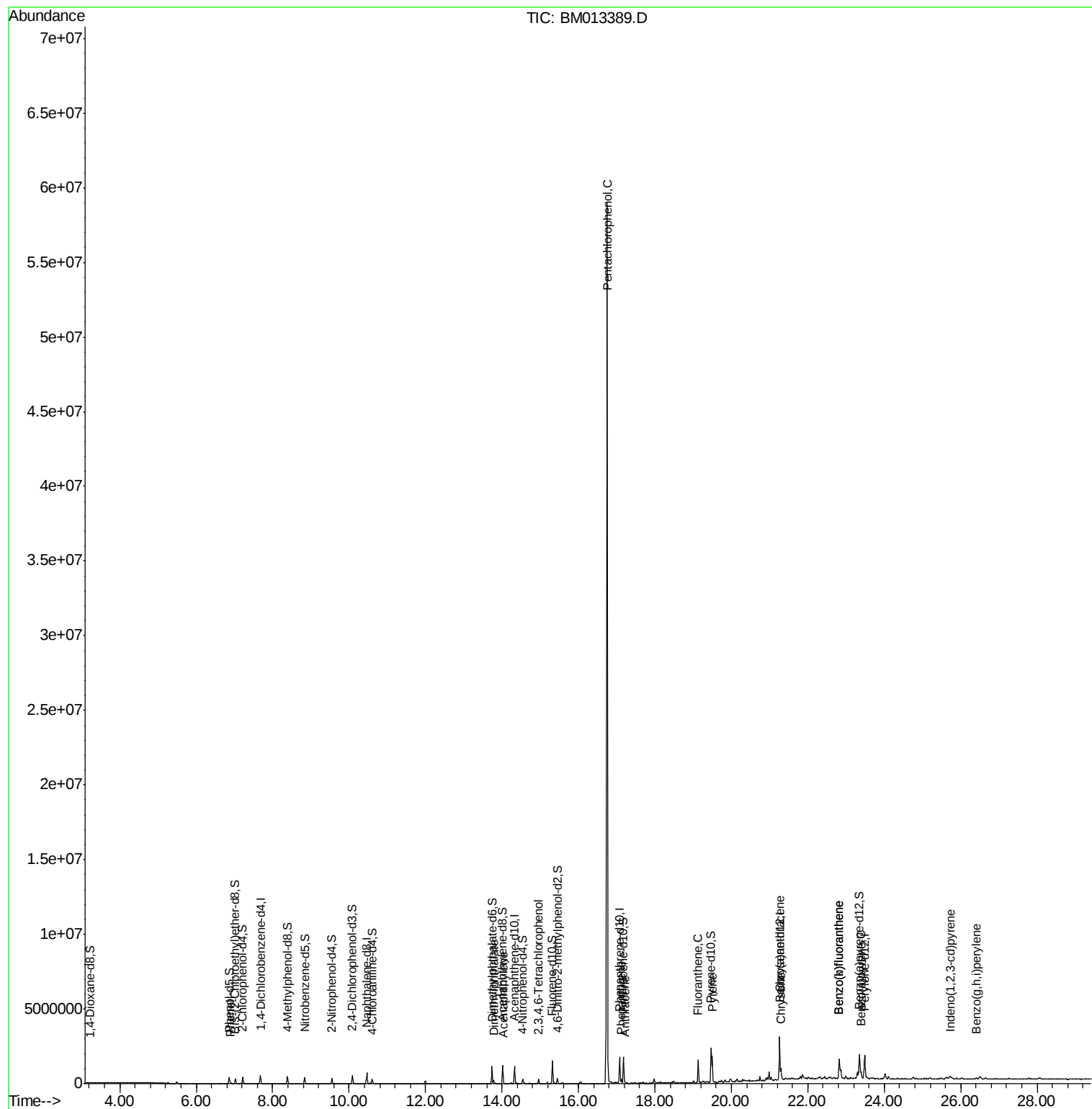
					Ovalue	
6) Phenol	6.89	94	32994	2.700	ng/ul#	82
44) Dimethylphthalate	13.79	163	133239	3.977	ng/ul#	96
47) Acenaphthylene	14.05	152	46562	1.164	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.96	232	58630	6.798	ng/ul#	84
68) Pentachlorophenol	16.76	266	12371204	1675.385	ng/ul	98
69) Phenanthrene	17.12	178	145916	2.608	ng/ul	96
71) Anthracene	17.21	178	66906	1.170	ng/ul	97
74) Fluoranthene	19.13	202	905493	13.206	ng/ul#	93
77) Pvrene	19.50	202	1037758	13.922	ng/ul#	89
80) Benzo(a)anthracene	21.25	228	375791	4.827	ng/ul	92
82) Chrysene	21.30	228	544995	7.546	ng/ul	95
85) Benzo(b)fluoranthene	22.82	252	871916	11.102	ng/ul#	98
86) Benzo(k)fluoranthene	22.82	252	871916	11.797	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	292831	4.151	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	164818	2.354	ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	101315	1.835	ng/ul#	89

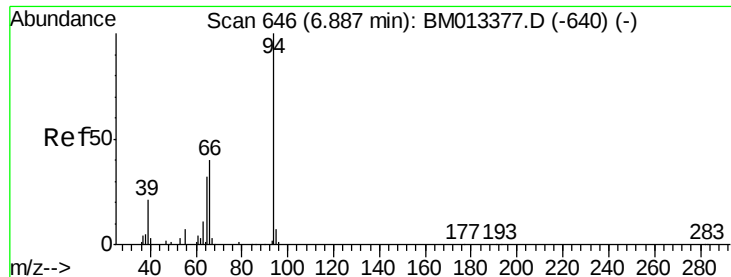
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.700 ng/ul

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Instrument :

BNA_M

ClientSampled :

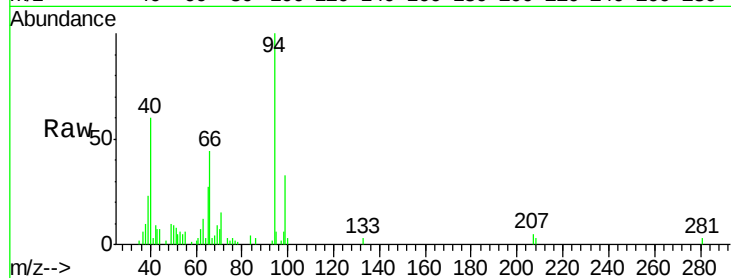
Tot Ion: 94 Resp: 32994

Ion Ratio Lower Upper

94 100

65 27.3 28.2 42.4#

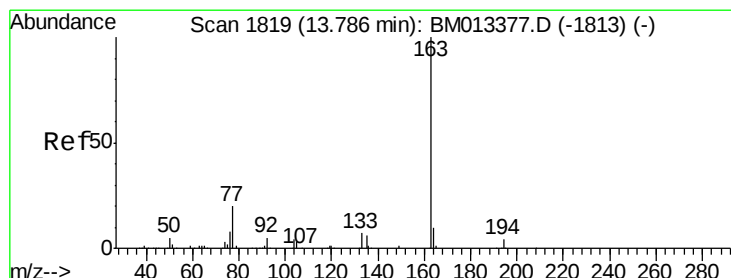
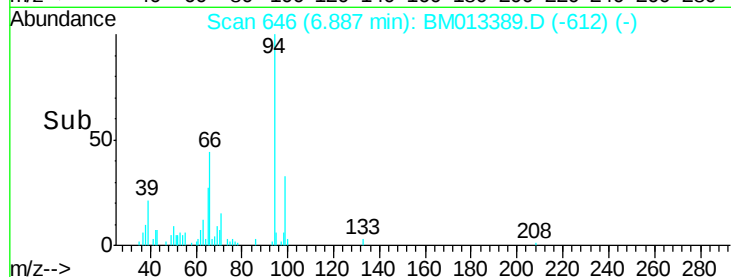
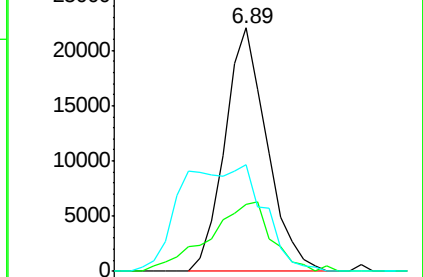
66 43.6 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013377.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM013377.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM013377.D (-640) (-)



#44

Dimethylphthalate

Concen: 3.977 ng/ul

RT: 13.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

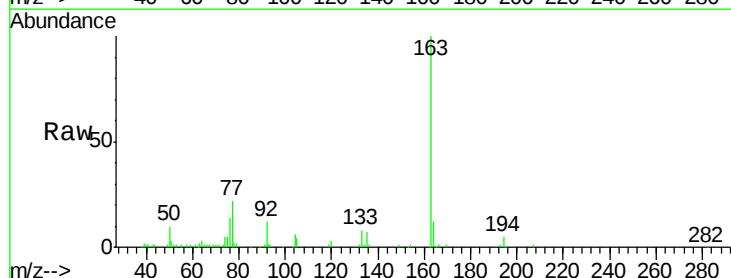
Tgt Ion: 163 Resp: 133239

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

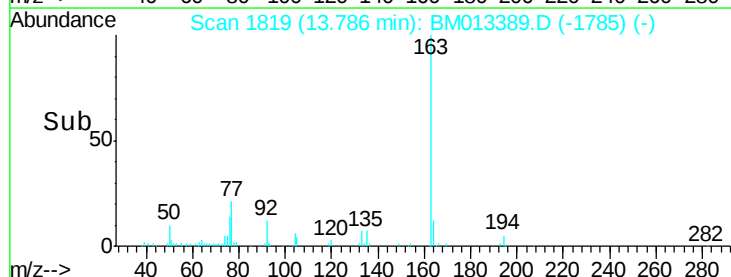
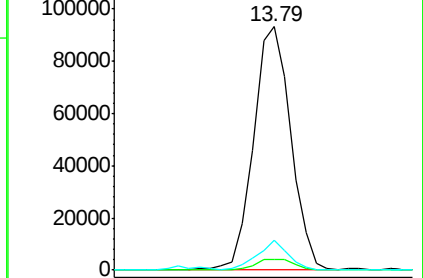
164 12.4 8.2 12.4#

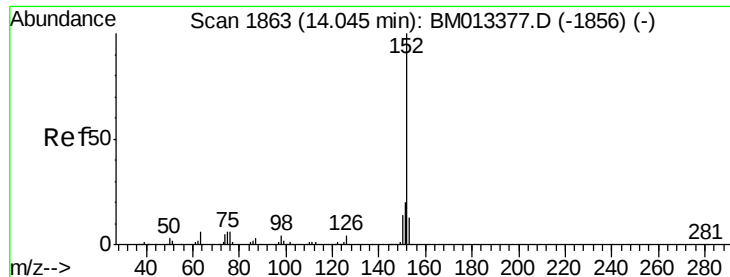


Abundance Ion 163.00 (162.70 to 163.70): BM013377.D (-1813) (-)

Ion 194.00 (193.70 to 194.70): BM013377.D (-1813) (-)

Ion 164.00 (163.70 to 164.70): BM013377.D (-1813) (-)





#47

Acenaphthylene

Concen: 1.164 ng/ul

RT: 14.05 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Instrument :

BNA_M

ClientSampleId :

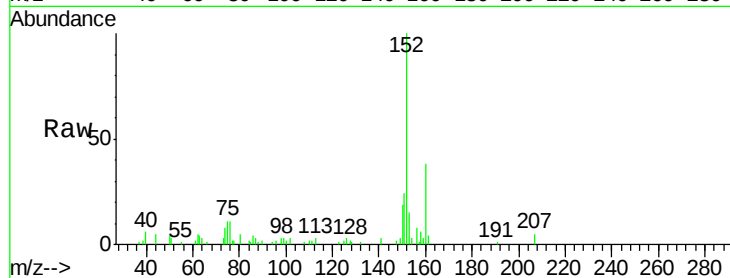
Tot Ion:152 Resp: 46562

Ion Ratio Lower Upper

152 100

151 24.3 16.3 24.5

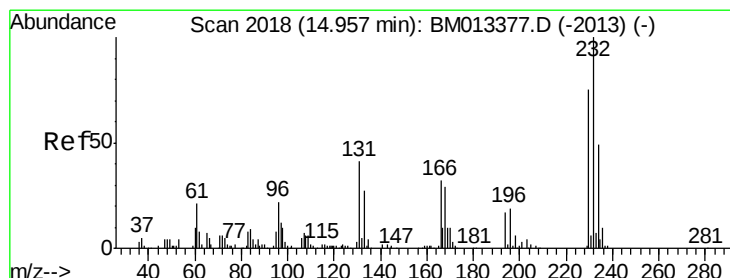
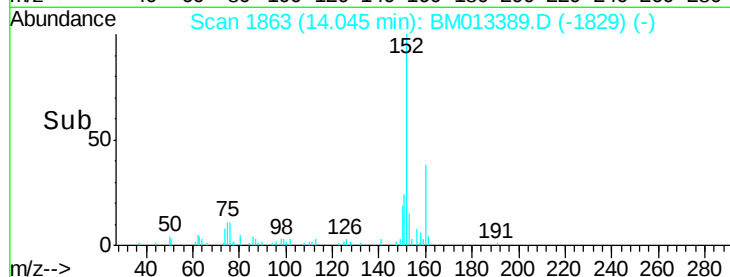
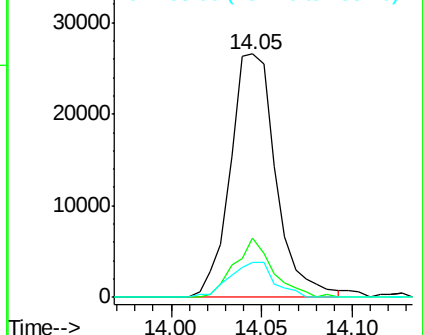
153 14.5 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 6.798 ng/ul

RT: 14.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Tgt Ion:232 Resp: 58630

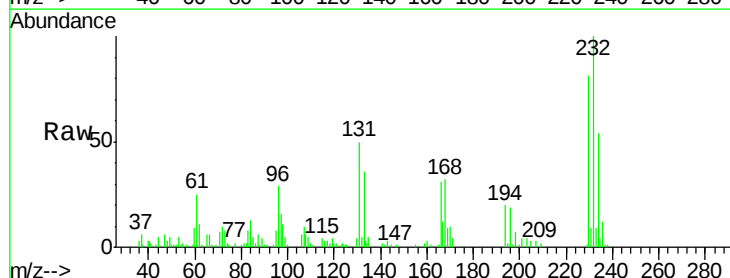
Ion Ratio Lower Upper

232 100

131 49.5 29.0 43.4#

130 3.7 2.0 3.0#

166 31.3 21.4 32.2

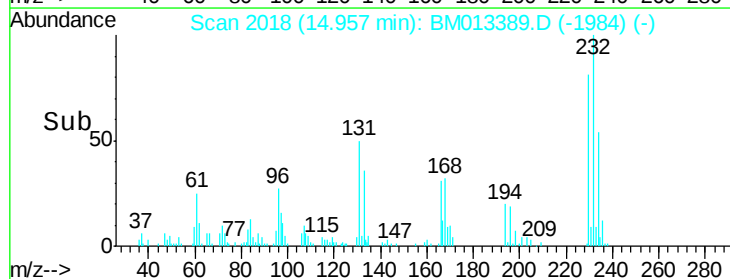
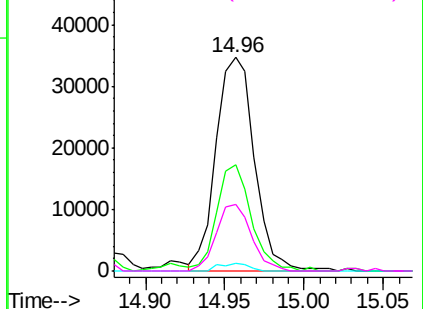


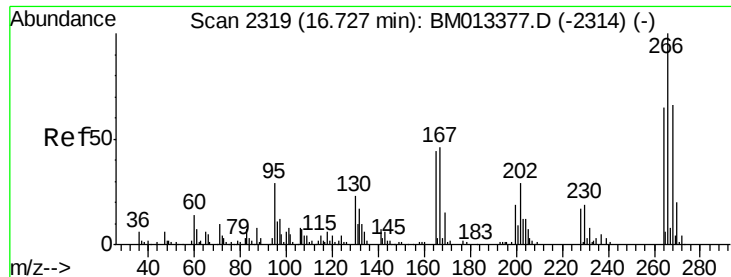
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

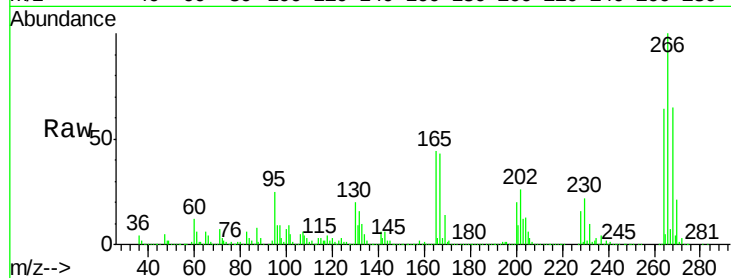




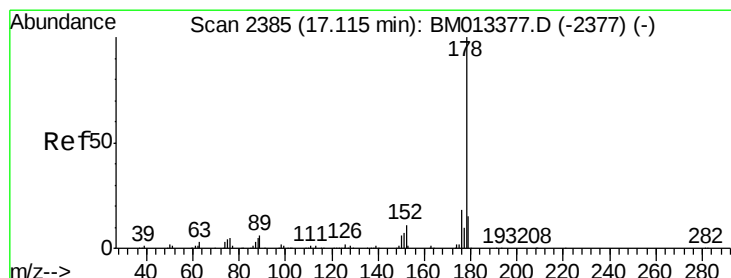
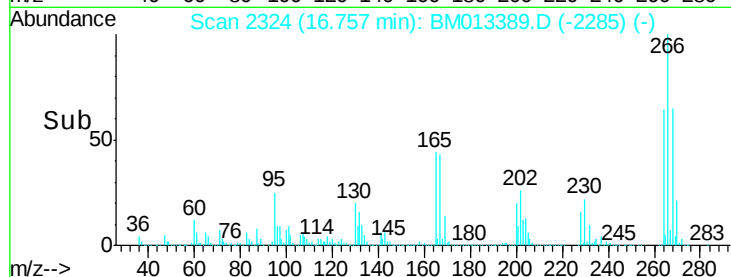
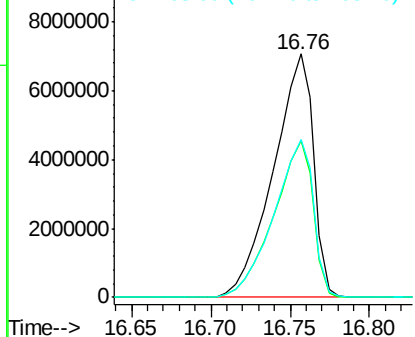
#68
 Pentachlorophenol
 Concen: 1675.385 ng/ul
 RT: 16.76 min Scan# 2324
 Delta R.T. 0.03 min
 Lab File: BM013389.D
 Acq: 14 Dec 2017 00:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp:12371204
 Ion Ratio Lower Upper
 266 100
 264 64.4 49.3 73.9
 268 64.9 52.6 78.8

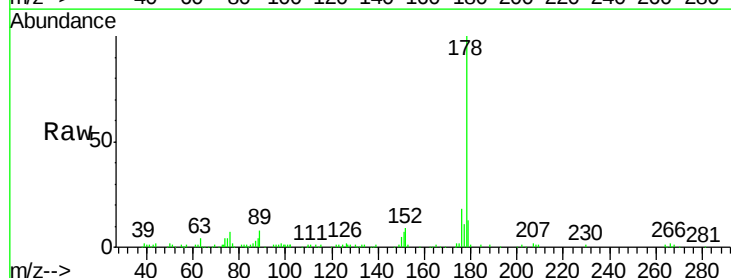


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

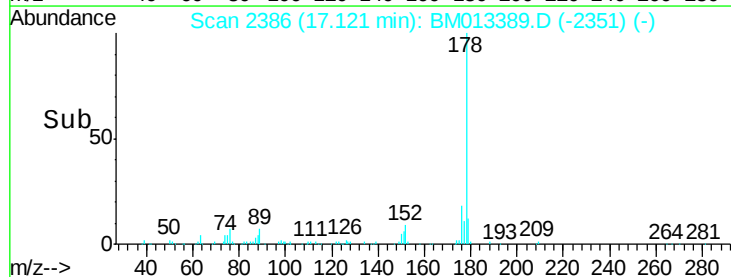
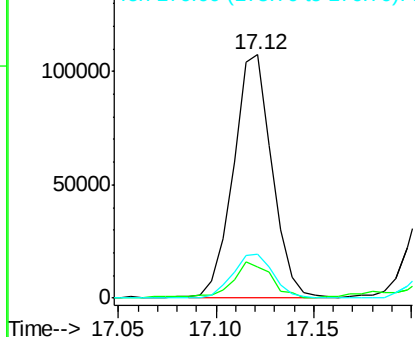


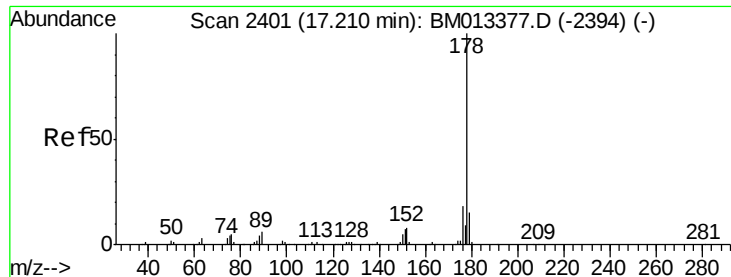
#69
 Phenanthrene
 Concen: 2.608 ng/ul
 RT: 17.12 min Scan# 2386
 Delta R.T. 0.01 min
 Lab File: BM013389.D
 Acq: 14 Dec 2017 00:20

Tgt Ion:178 Resp: 145916
 Ion Ratio Lower Upper
 178 100
 179 12.7 12.6 19.0
 176 18.2 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

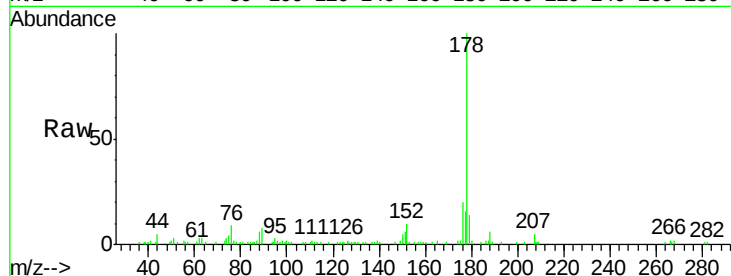




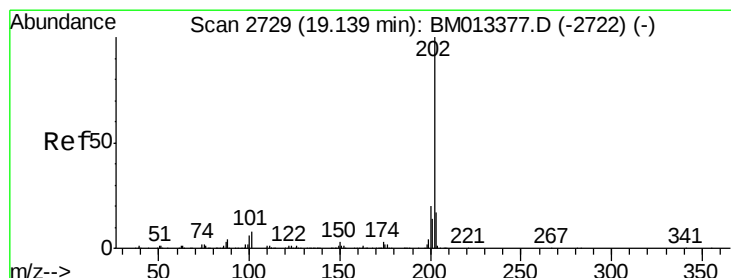
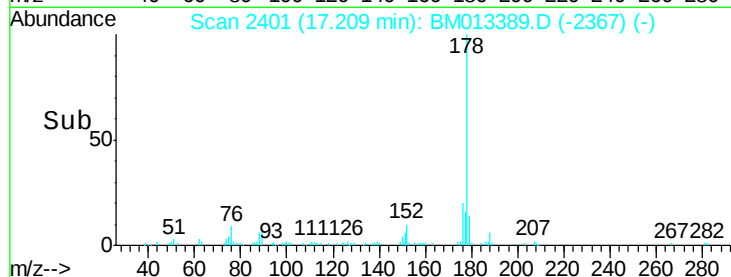
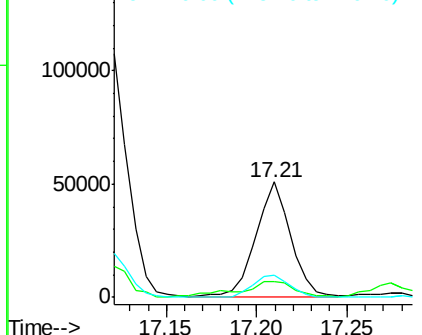
#71
 Anthracene
 Concen: 1.170 ng/ul
 RT: 17.21 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BM013389.D
 Acq: 14 Dec 2017 00:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 66906
 Ion Ratio Lower Upper
 178 100
 179 13.6 11.7 17.5
 176 19.7 14.6 21.8

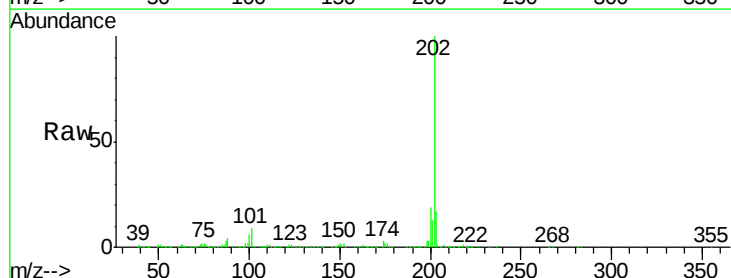


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

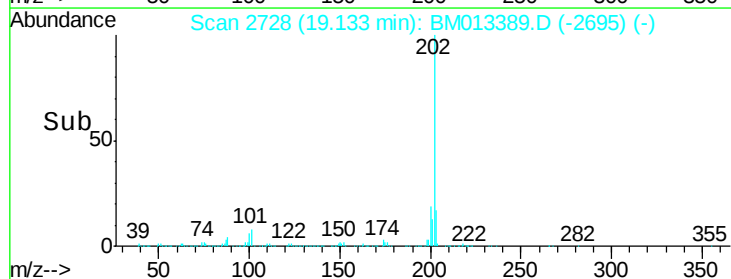
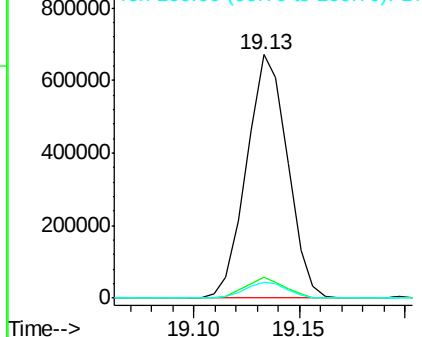


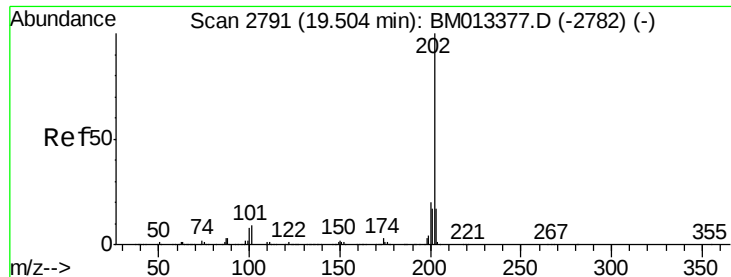
#74
 Fluoranthene
 Concen: 13.206 ng/ul
 RT: 19.13 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BM013389.D
 Acq: 14 Dec 2017 00:20

Tgt Ion:202 Resp: 905493
 Ion Ratio Lower Upper
 202 100
 101 8.5 4.6 7.0#
 100 6.4 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 13.922 ng/ul

RT: 19.50 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Instrument :

BNA_M

ClientSampleId :

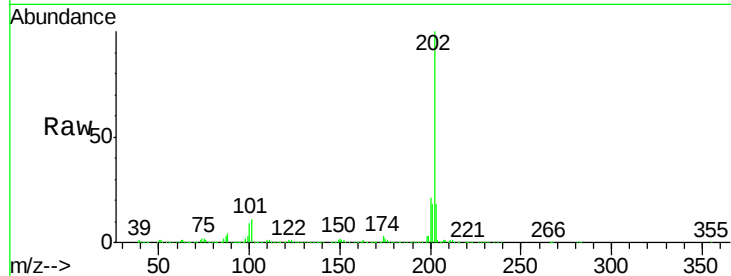
Tot Ion:202 Resp: 1037758

Ion Ratio Lower Upper

202 100

101 10.9 5.1 7.7#

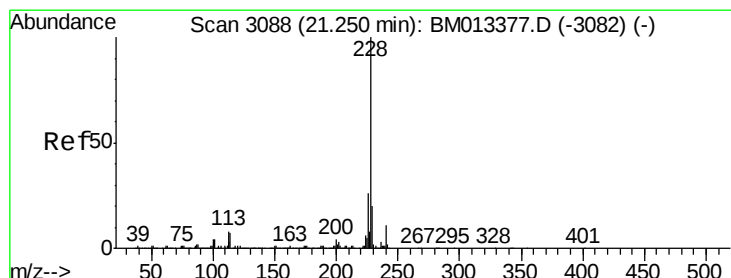
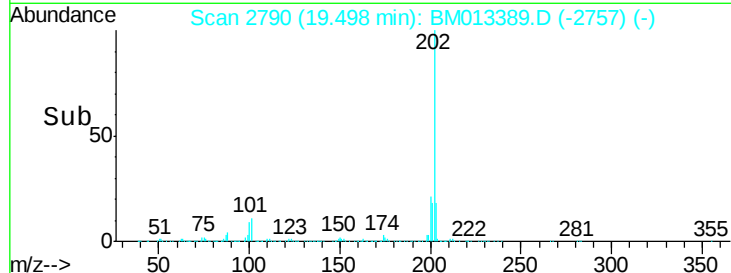
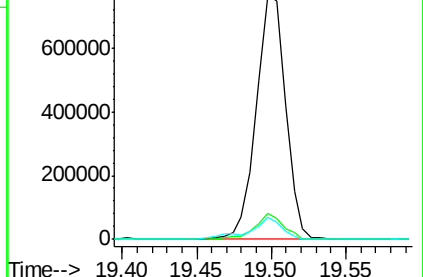
100 9.0 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 4.827 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

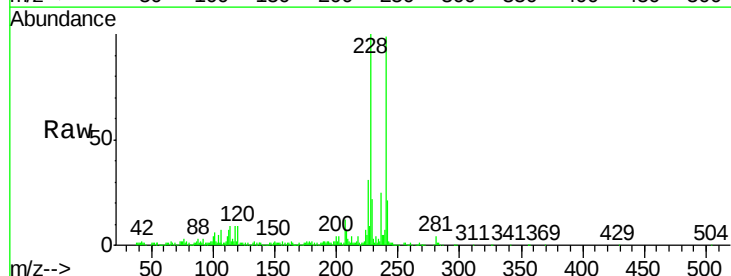
Tgt Ion:228 Resp: 375791

Ion Ratio Lower Upper

228 100

229 22.2 15.4 23.0

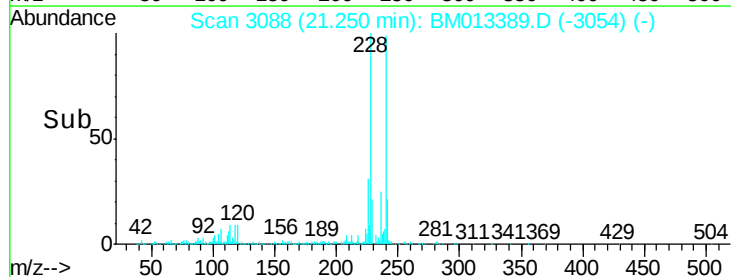
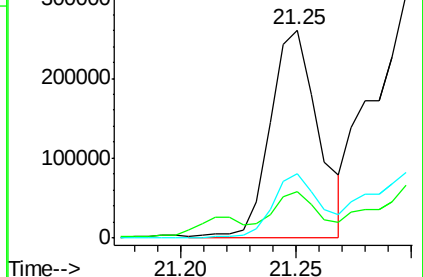
226 30.9 21.4 32.0

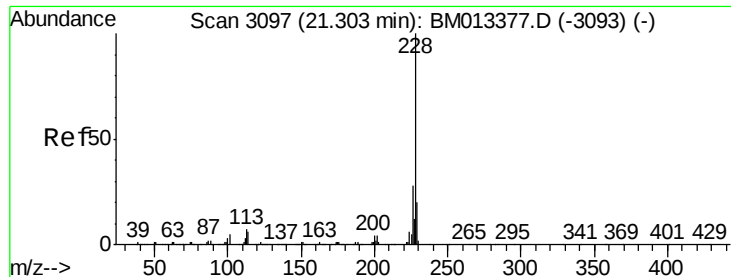


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 7.546 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Instrument :

BNA_M

ClientSampleId :

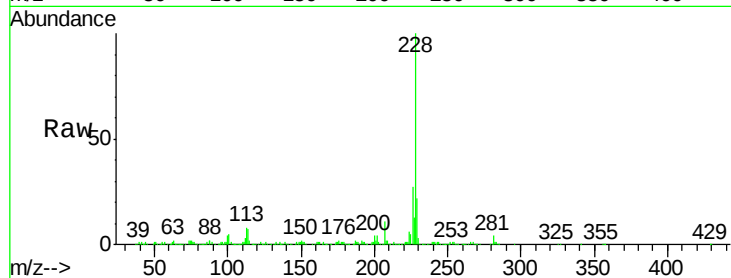
Tot Ion:228 Resp: 544995

Ion Ratio Lower Upper

228 100

226 27.0 23.4 35.2

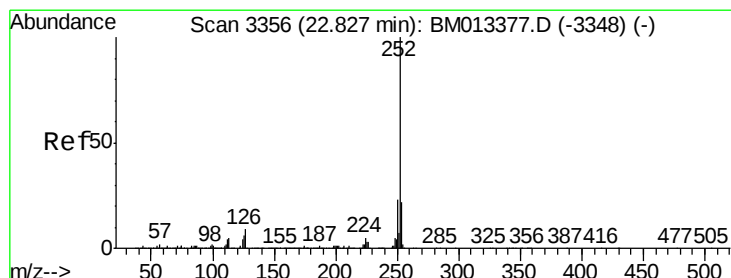
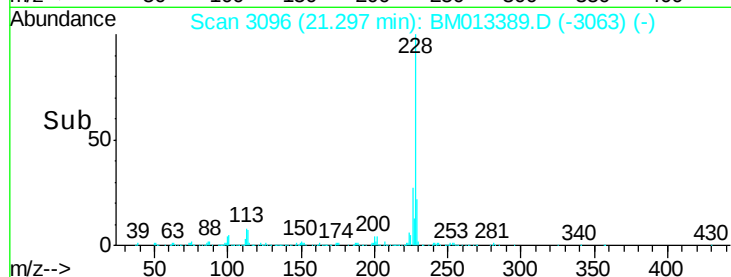
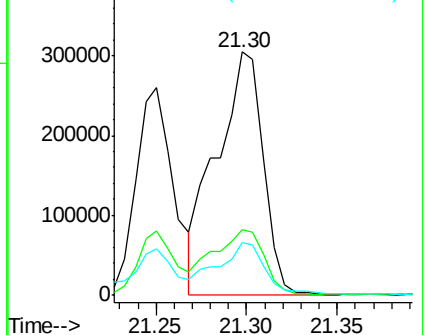
229 21.9 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 11.102 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

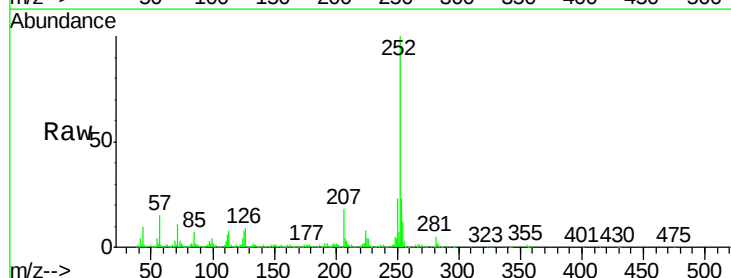
Tgt Ion:252 Resp: 871916

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

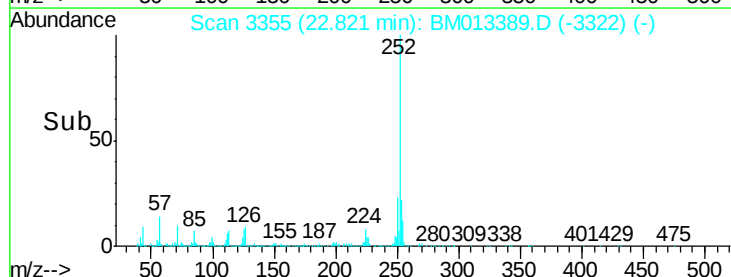
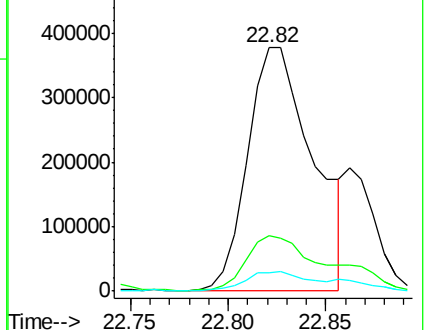
125 7.7 3.6 5.4#

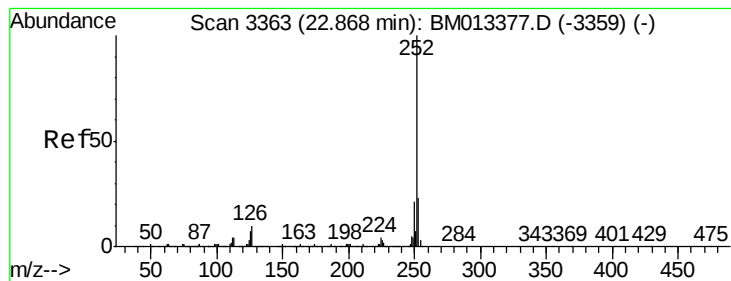


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 11.797 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. -0.05 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Instrument :

BNA_M

ClientSampleId :

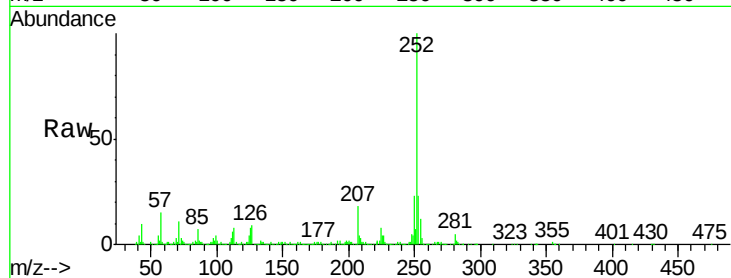
Tot Ion:252 Resp: 871916

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

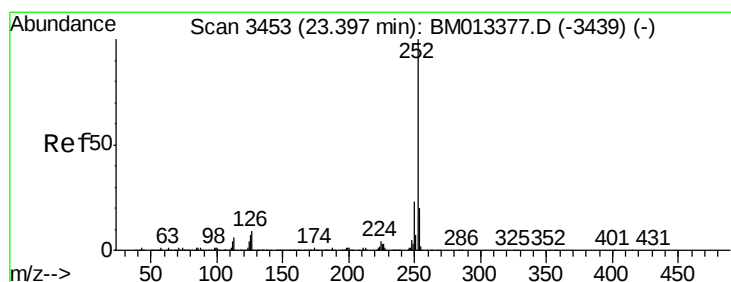
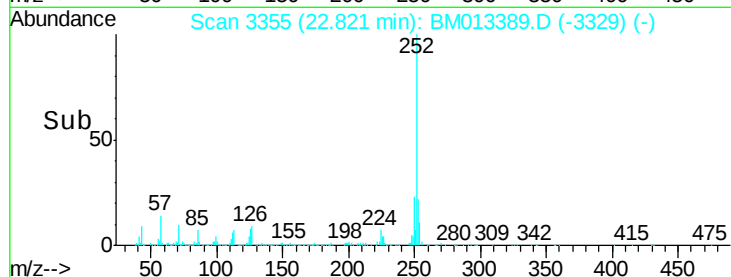
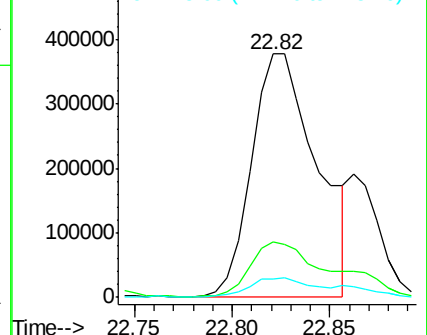
125 7.7 3.4 5.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 4.151 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

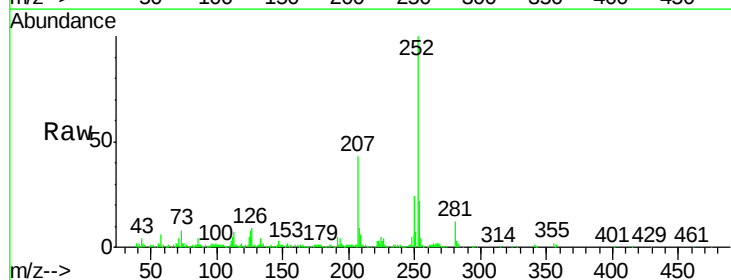
Tgt Ion:252 Resp: 292831

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

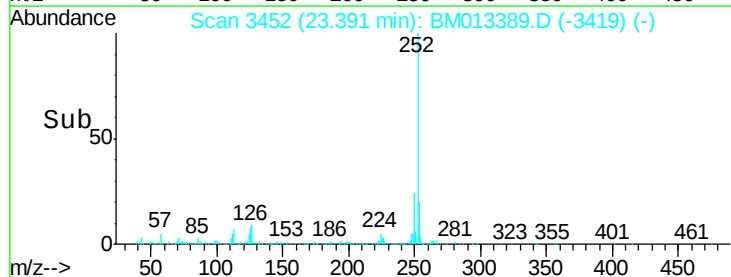
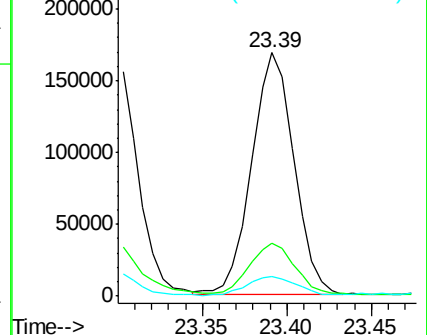
125 8.2 4.0 6.0#

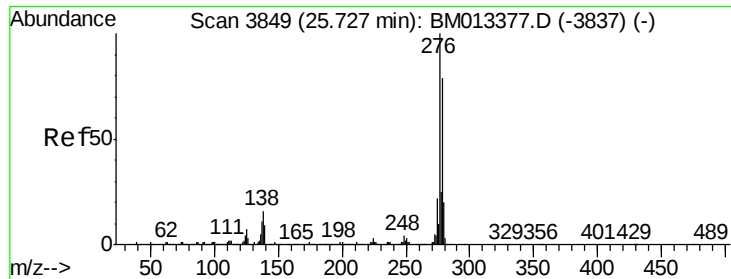


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



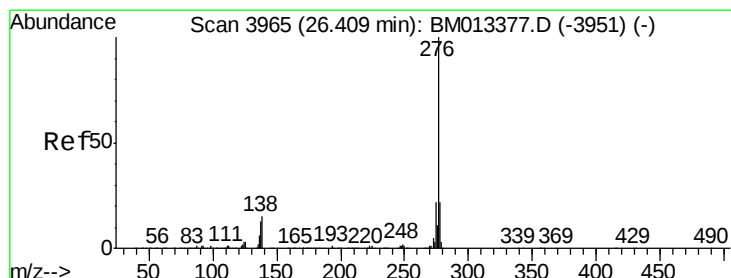
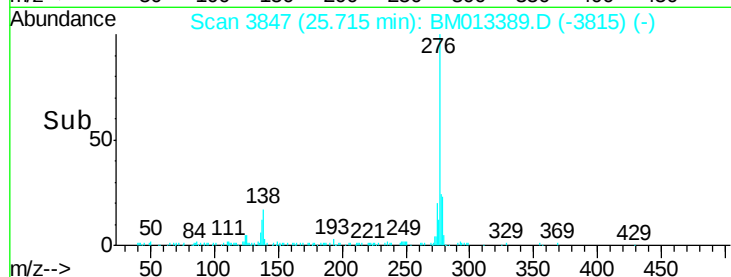
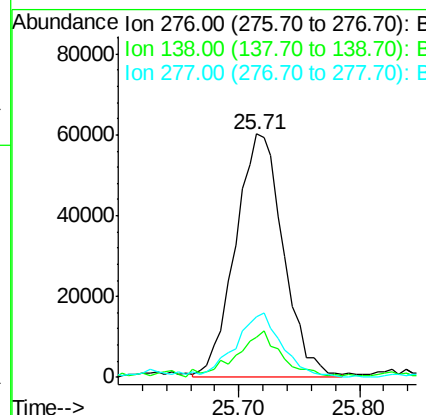
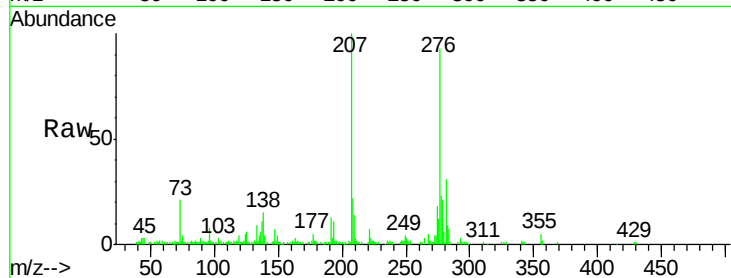


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.354 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013389.D
Acq: 14 Dec 2017 00:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	9.3	13.9#
277	24.8	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 1.835 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM013389.D
Acq: 14 Dec 2017 00:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	8.5	12.7#
277	20.2	18.6	28.0

