

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013885.D
 Acq On : 27 Jan 2018 15:43
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B42

Quant Time: Jan 28 01:05:29 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jan 28 01:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	124215	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	468041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	271645	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	618641	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	737255	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	747820	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	9802	3.12	ng/uL	0.00
5) Phenol-d5	6.77	99	172084	18.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	110343	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	148520	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	134681	18.37	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	70925	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	76019	19.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	140688	18.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	167163	25.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	453080	20.24	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	562078	19.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	39657	10.90	ng/ul	0.00
57) Fluorene-d10	15.23	176	391665	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	45880	12.32	ng/ul	0.00
70) Anthracene-d10	16.99	188	618641	20.53	ng/ul	-0.09
76) Pyrene-d10	19.39	212	717069	20.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	744404	21.66	ng/ul	0.14

Target Compounds

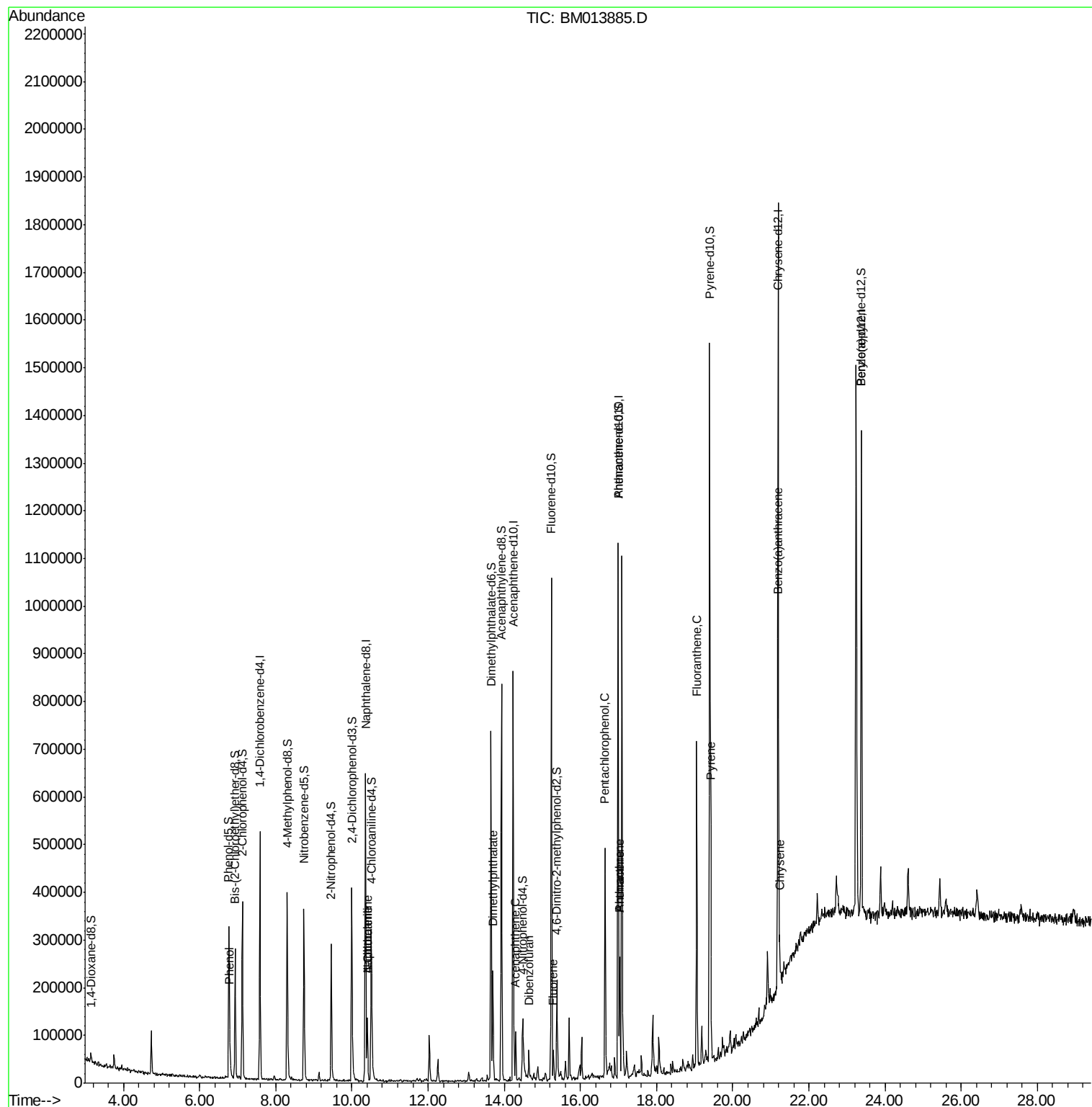
					Ovalue	
6) Phenol	6.80	94	23347	2.441	ng/ul#	90
28) Naphthalene	10.40	128	93014	3.995	ng/ul	98
30) 4-Chloroaniline	10.41	127	13604	2.133	ng/ul#	18
44) Dimethylphthalate	13.70	163	134770	6.122	ng/ul#	98
49) Acenaphthene	14.30	153	39757	2.198	ng/ul	92
53) Dibenzofuran	14.64	168	34466	1.266	ng/ul	99
58) Fluorene	15.29	166	25024	1.122	ng/ul	86
68) Pentachlorophenol	16.64	266	80877	19.351	ng/ul	96
69) Phenanthrene	17.03	178	138879	4.039	ng/ul	98
71) Anthracene	17.03	178	138879	3.915	ng/ul	96
74) Fluoranthene	19.06	202	385362	9.388	ng/ul#	97
77) Pyrene	19.42	202	295816	6.600	ng/ul	99
80) Benzo(a)anthracene	21.17	228	57969	1.301	ng/ul	96
82) Chrysene	21.23	228	56527	1.383	ng/ul	92

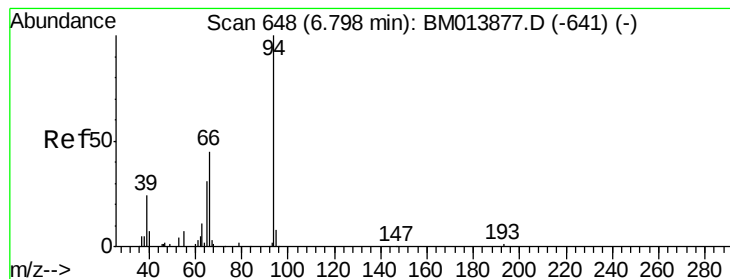
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.441 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

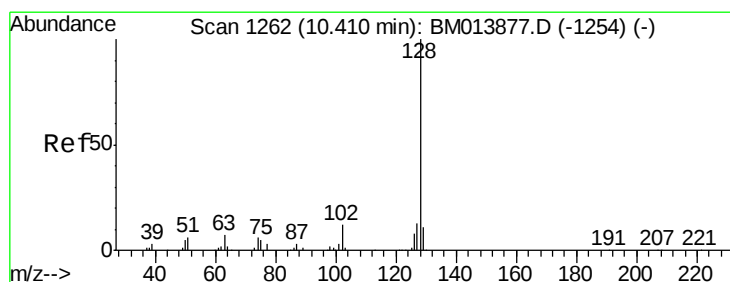
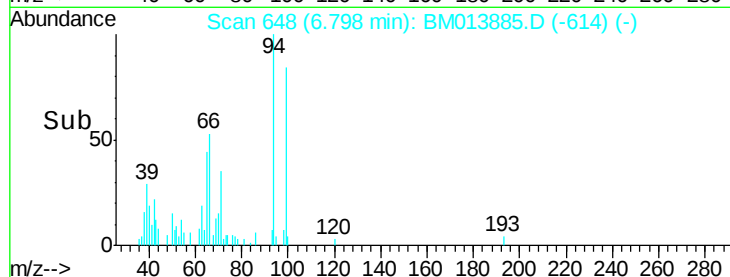
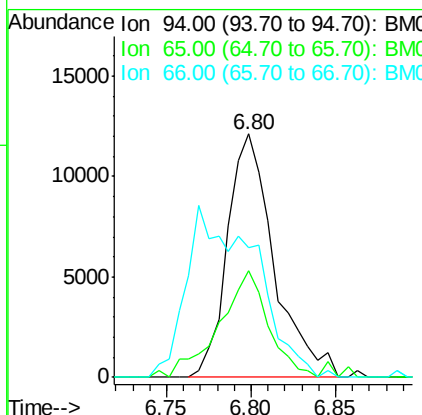
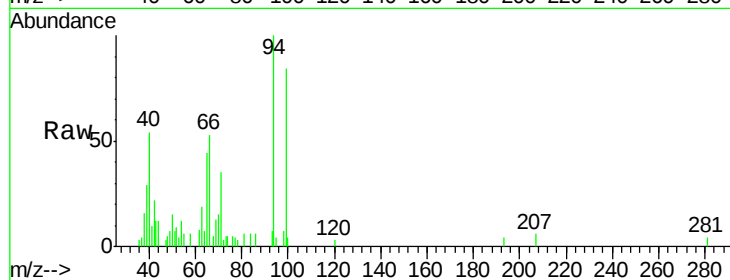
BNA_M

ClientSampleId :

F6B42

Tot Ion: 94 Resp: 23347

Ion	Ratio	Lower	Upper
94	100		
65	44.0	28.2	42.4#
66	53.4	47.2	70.8



#28

Naphthalene

Concen: 3.995 ng/ul

RT: 10.40 min Scan# 1261

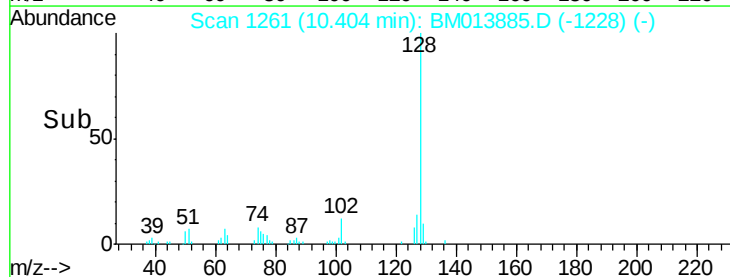
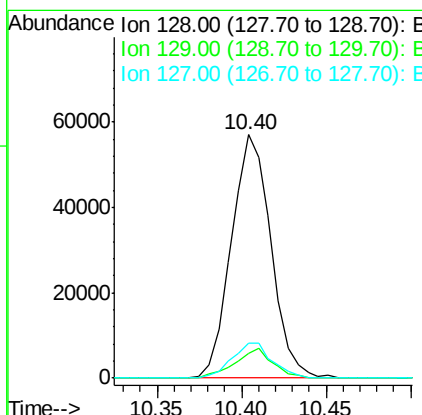
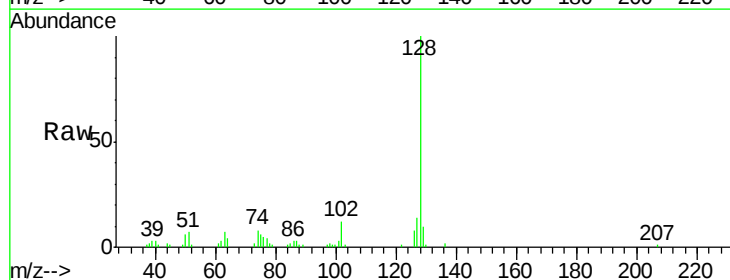
Delta R.T. -0.01 min

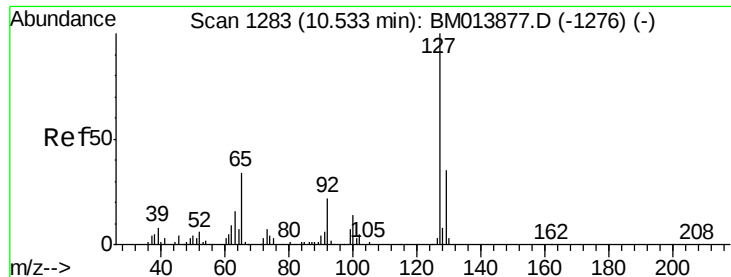
Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Tgt Ion: 128 Resp: 93014

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	14.3	10.6	16.0

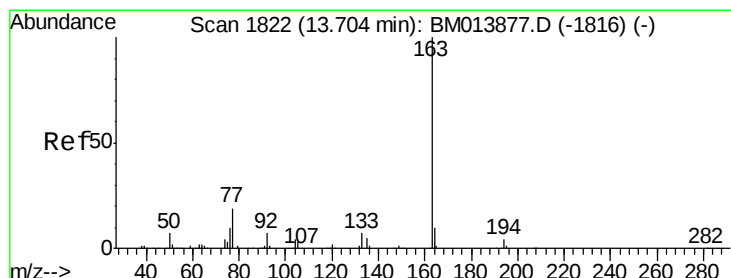
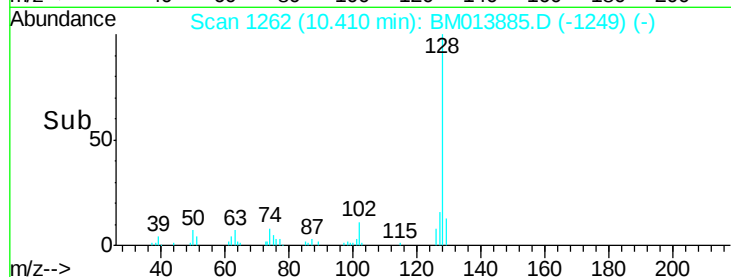
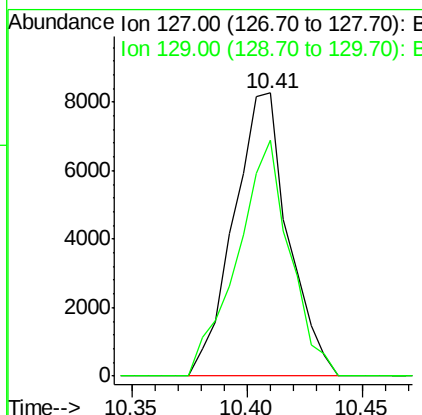
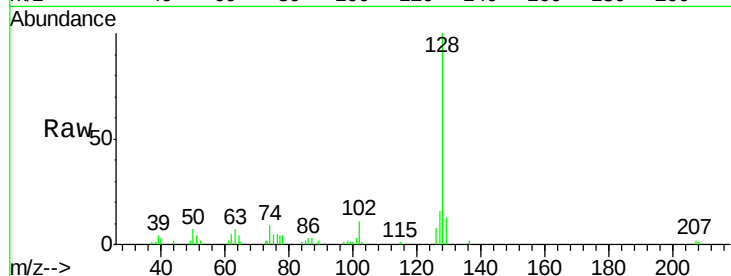




#30
4-Chloroaniline
Concen: 2.133 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.12 min
Lab File: BM013885.D
Acq: 27 Jan 2018 15:43

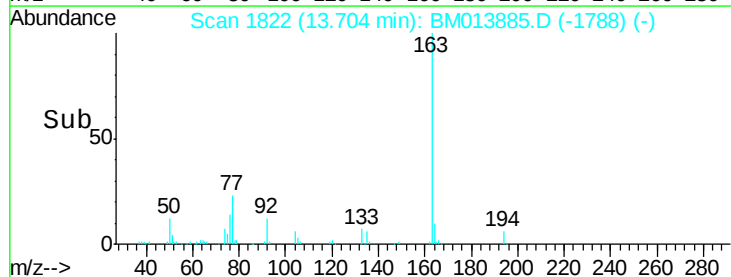
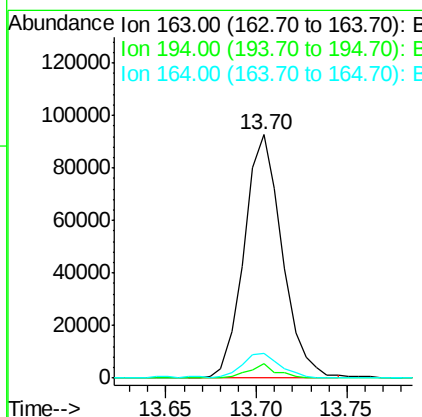
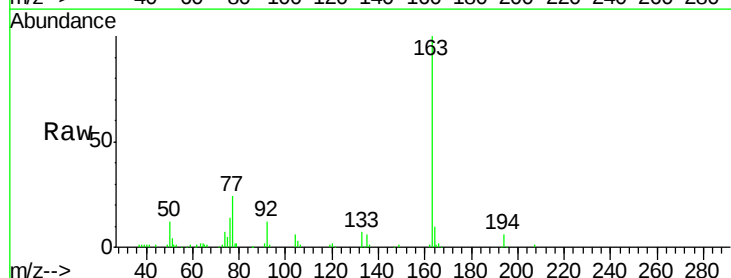
Instrument :
BNA_M
ClientSampleId :
F6B42

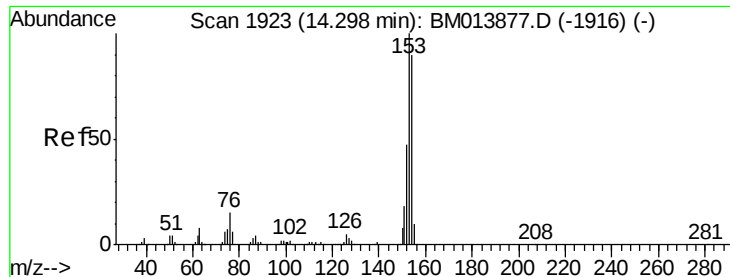
Tot Ion:127 Resp: 13604
Ion Ratio Lower Upper
127 100
129 83.5 28.4 42.6#



#44
Dimethylphthalate
Concen: 6.122 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM013885.D
Acq: 27 Jan 2018 15:43

Tgt Ion:163 Resp: 134770
Ion Ratio Lower Upper
163 100
194 5.9 3.5 5.3#
164 10.0 8.2 12.4





#49

Acenaphthene

Concen: 2.198 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

BNA_M

ClientSampleId :

F6B42

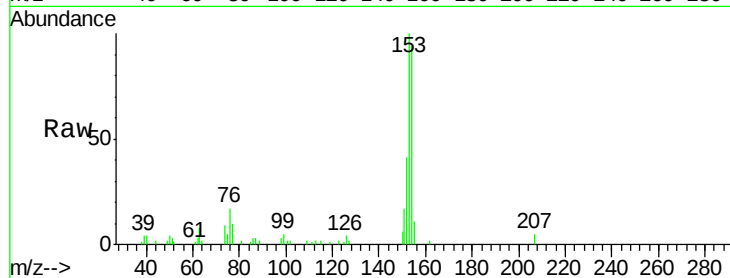
Tot Ion:153 Resp: 39757

Ion Ratio Lower Upper

153 100

152 40.8 37.6 56.4

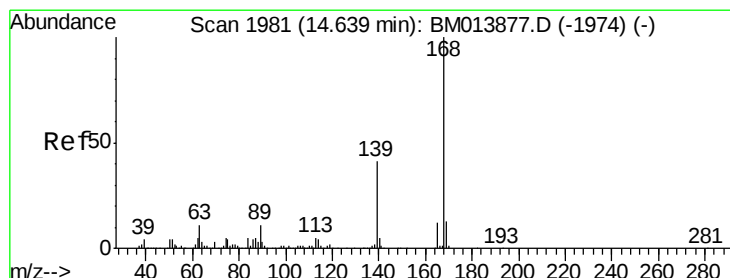
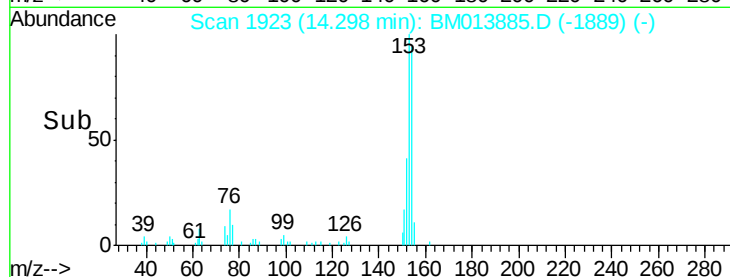
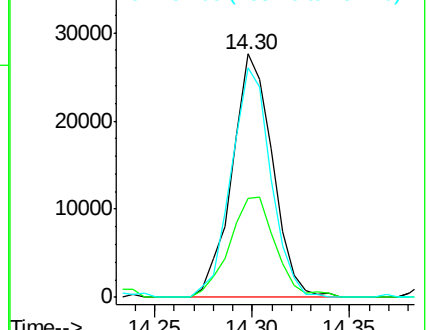
154 94.4 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.266 ng/ul

RT: 14.64 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM013885.D

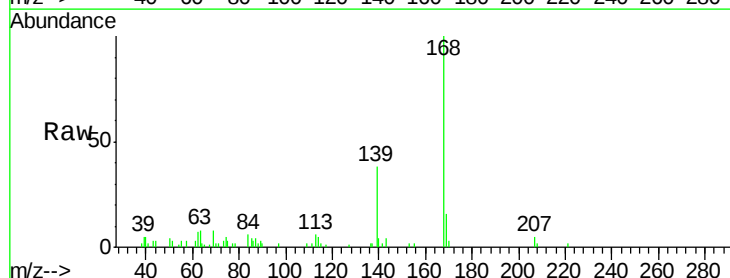
Acq: 27 Jan 2018 15:43

Tgt Ion:168 Resp: 34466

Ion Ratio Lower Upper

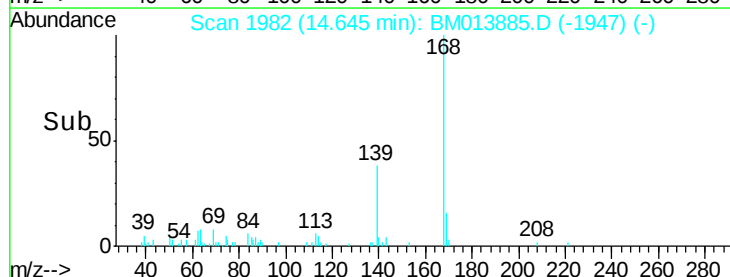
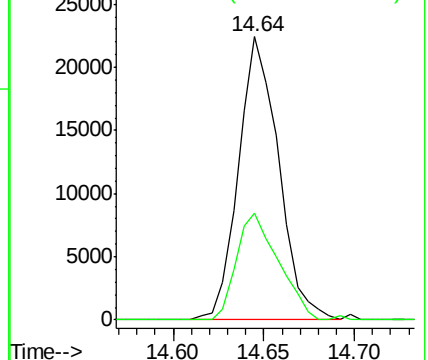
168 100

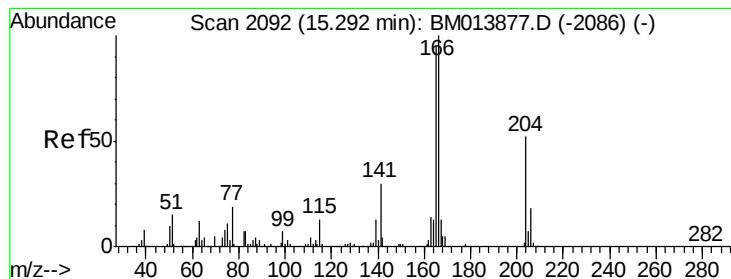
139 37.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 1.122 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

BNA_M

ClientSampled :

F6B42

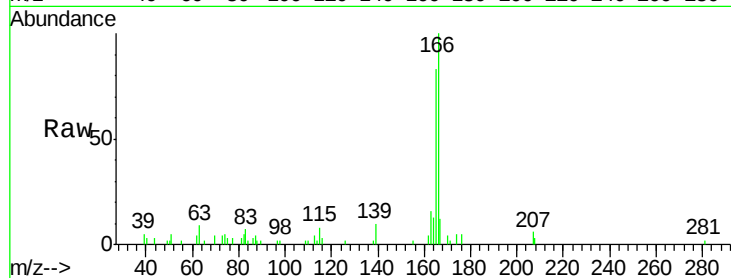
Tot Ion:166 Resp: 25024

Ion Ratio Lower Upper

166 100

165 82.6 77.9 116.9

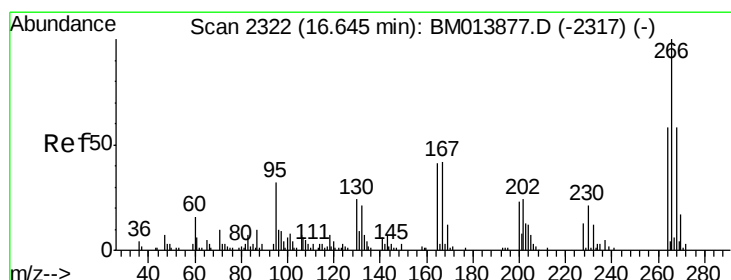
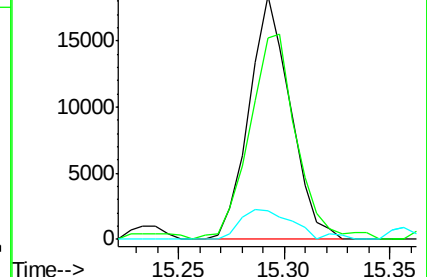
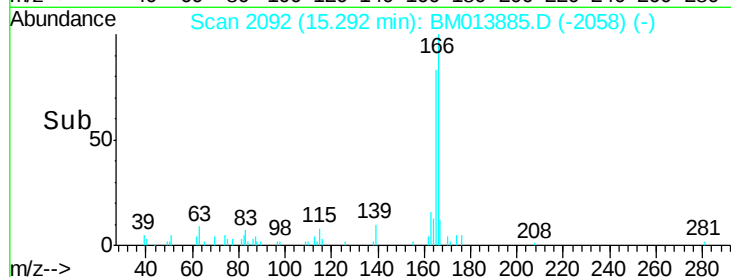
167 11.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Pentachlorophenol

Concen: 19.351 ng/ul

RT: 16.64 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

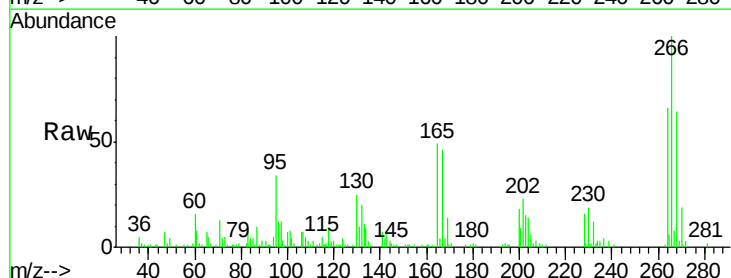
Tgt Ion:266 Resp: 80877

Ion Ratio Lower Upper

266 100

264 65.6 49.3 73.9

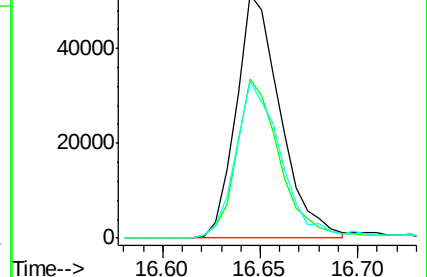
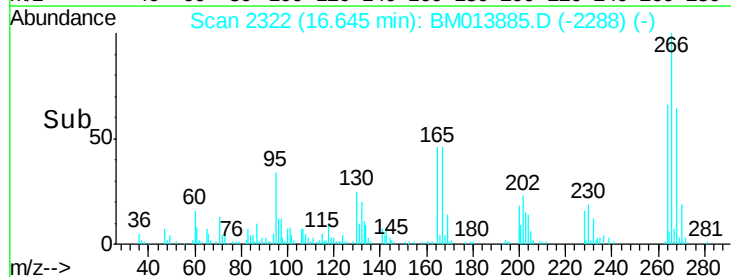
268 64.1 52.6 78.8

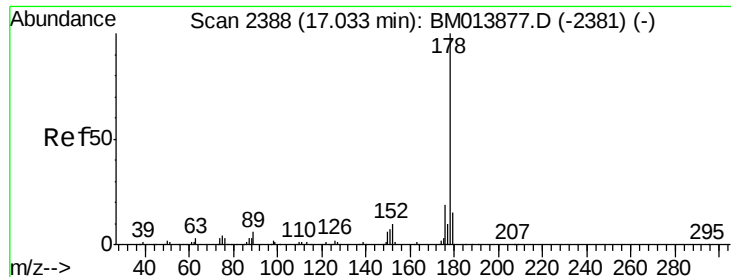


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 4.039 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

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ClientSampleId :

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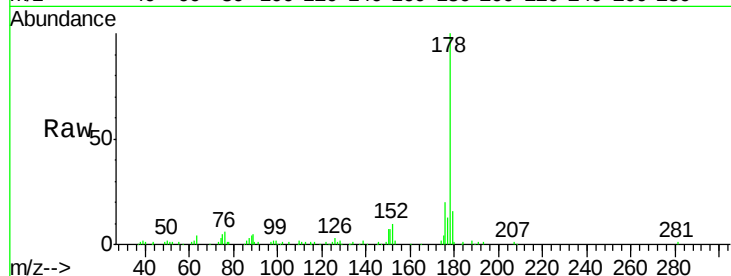
Tot Ion:178 Resp: 138879

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

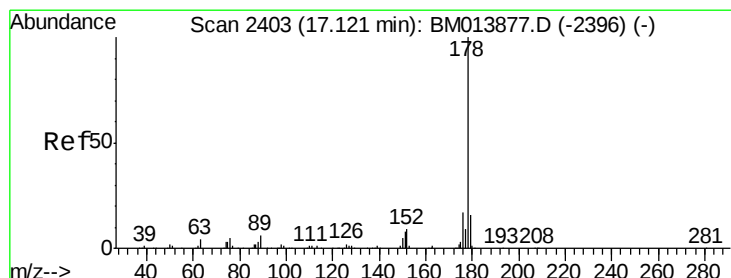
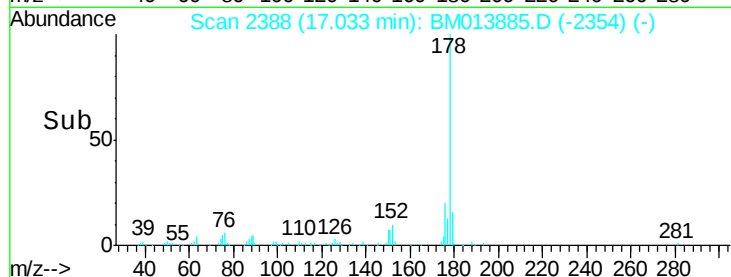
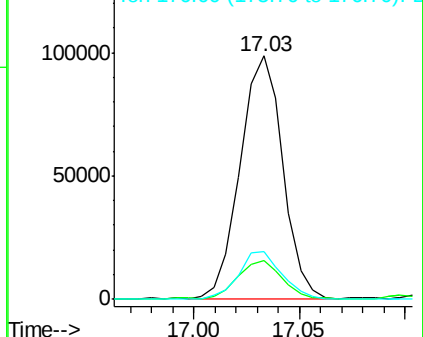
176 19.8 14.9 22.3



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: 3.915 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

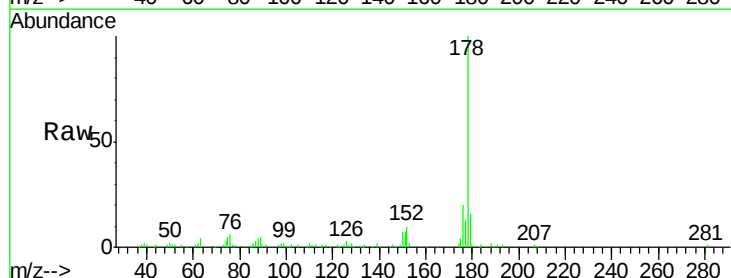
Tgt Ion:178 Resp: 138879

Ion Ratio Lower Upper

178 100

179 16.0 11.7 17.5

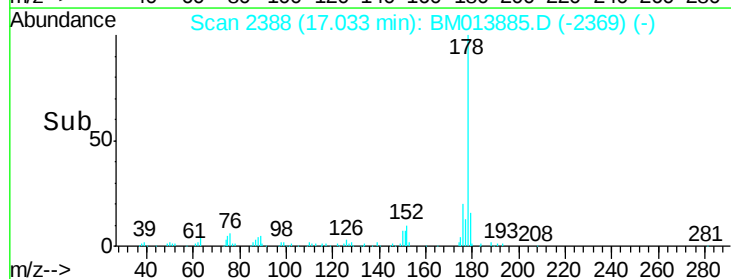
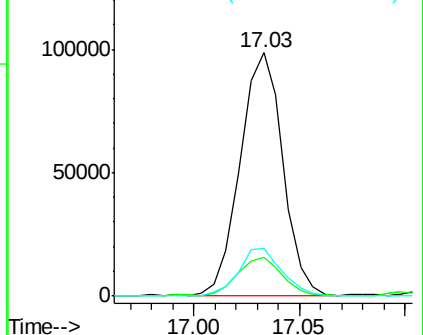
176 19.8 14.6 21.8

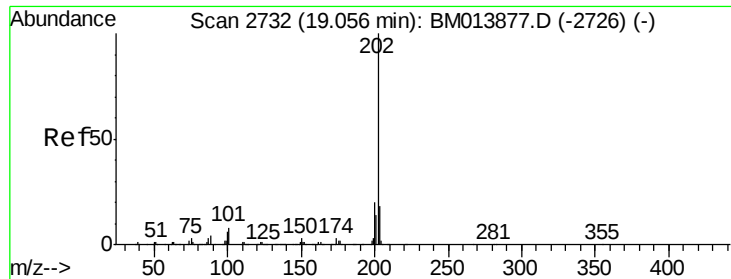


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

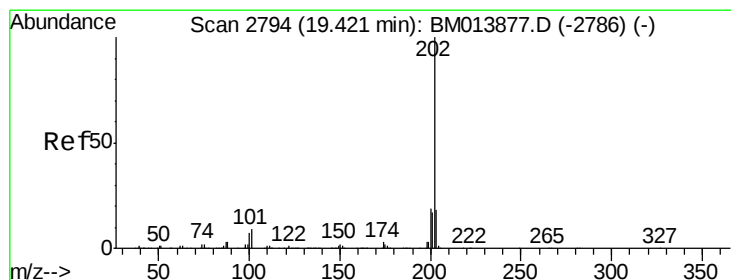
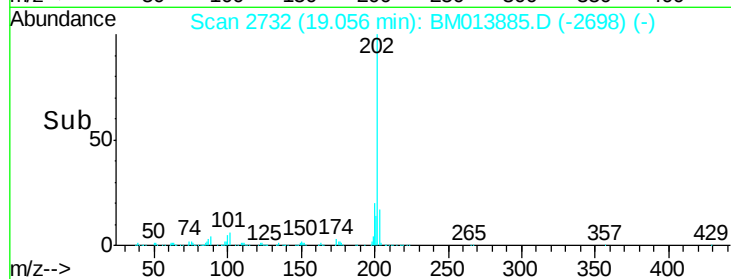
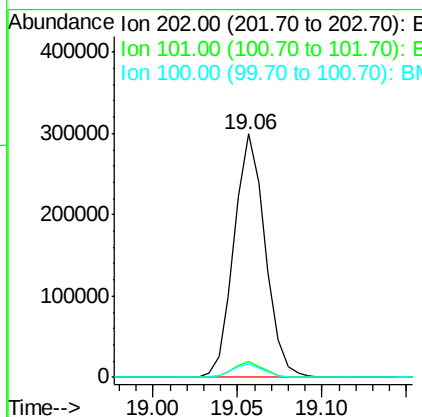
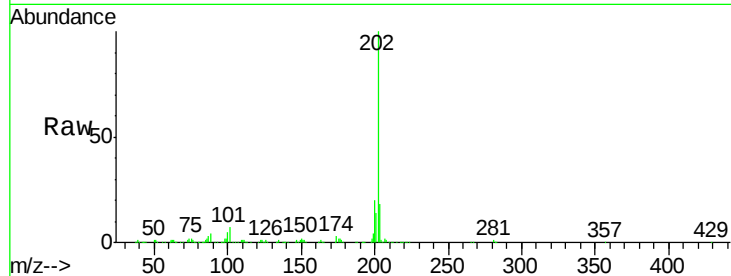




#74
 Fluoranthene
 Concen: 9.388 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: BM013885.D
 Acq: 27 Jan 2018 15:43

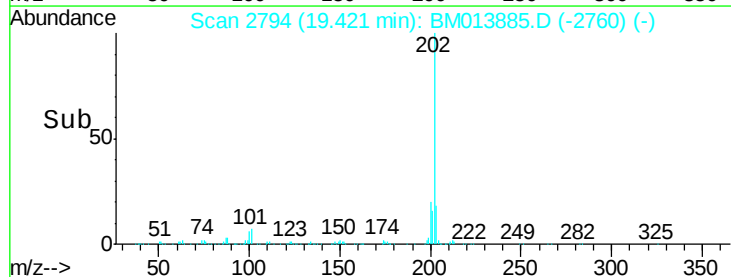
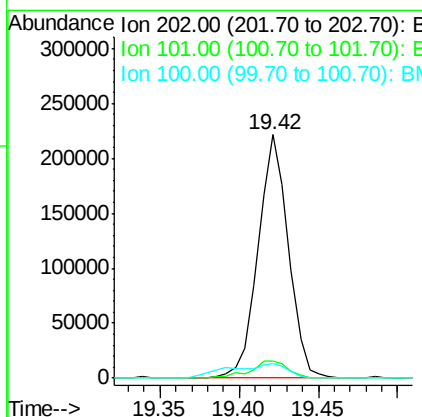
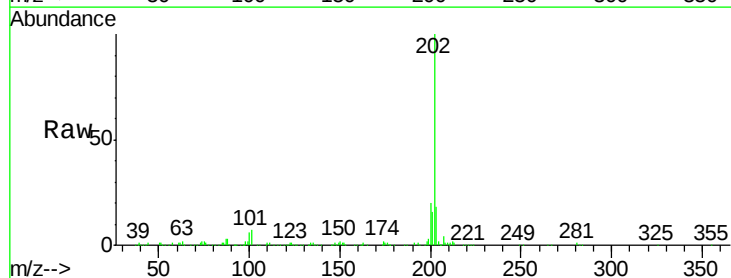
Instrument :
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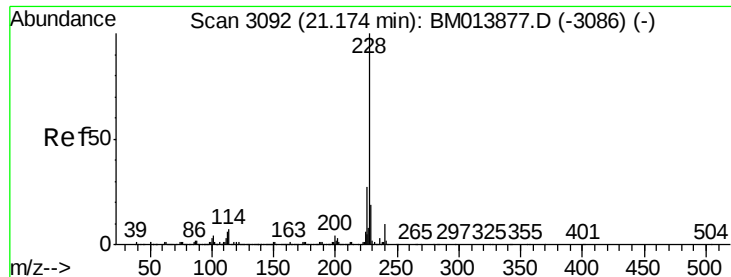
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	5.4	3.4	5.2#



#77
 Pyrene
 Concen: 6.600 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BM013885.D
 Acq: 27 Jan 2018 15:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.1	7.7
100	6.0	4.9	7.3





#80

Benzo(a)anthracene

Concen: 1.301 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

BNA_M

ClientSampleId :

F6B42

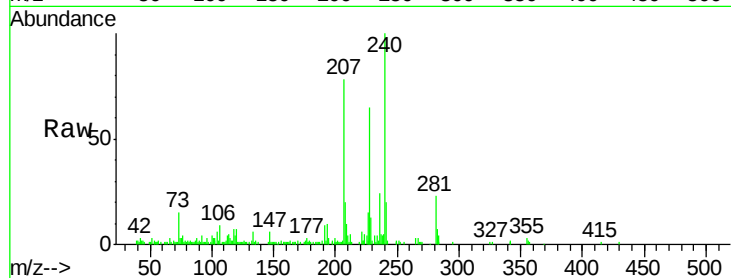
Tot Ion:228 Resp: 57969

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.0

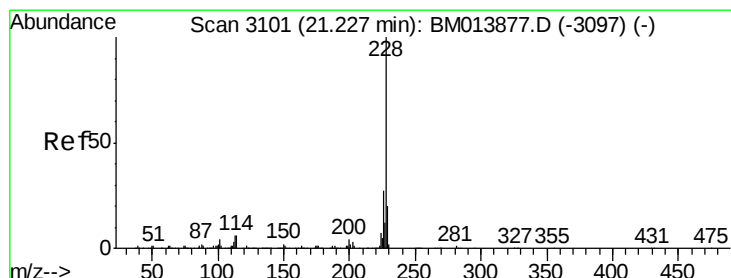
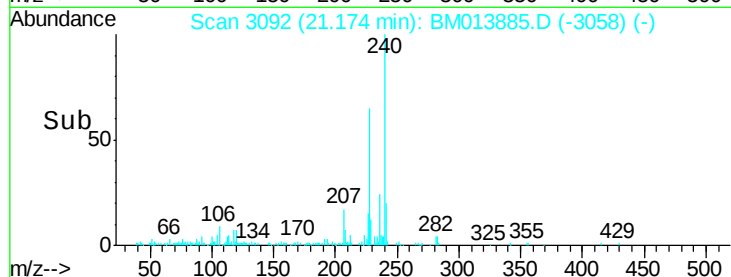
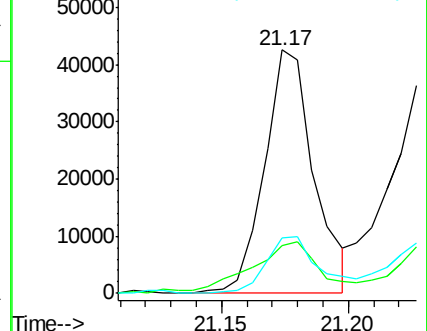
226 23.0 21.4 32.0



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: 1.383 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

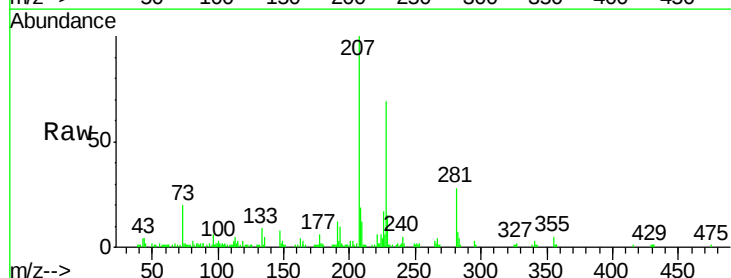
Tgt Ion:228 Resp: 56527

Ion Ratio Lower Upper

228 100

226 24.0 23.4 35.2

229 22.2 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

