

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013287.D
 Acq On : 09 Dec 2017 02:21
 Operator : SJ/JU
 Sample : I6759-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A28

Quant Time: Dec 11 11:56:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	186536	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	853243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	524303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1258018	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1490573	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1424996	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	26157	6.95	ng/uL	0.00
5) Phenol-d5	6.87	99	634586	39.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	363490	39.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	502425	39.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	541050	39.24	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	264673	39.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	295362	40.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	549554	36.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	726695	52.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1849356	39.64	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2329170	40.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	320102	39.49	ng/ul	0.00
57) Fluorene-d10	15.33	176	1571393	39.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	248176	31.36	ng/ul	0.00
70) Anthracene-d10	17.18	188	2514053	39.90	ng/ul	0.00
76) Pyrene-d10	19.48	212	2903818	39.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	2836275	39.08	ng/ul	0.00

Target Compounds

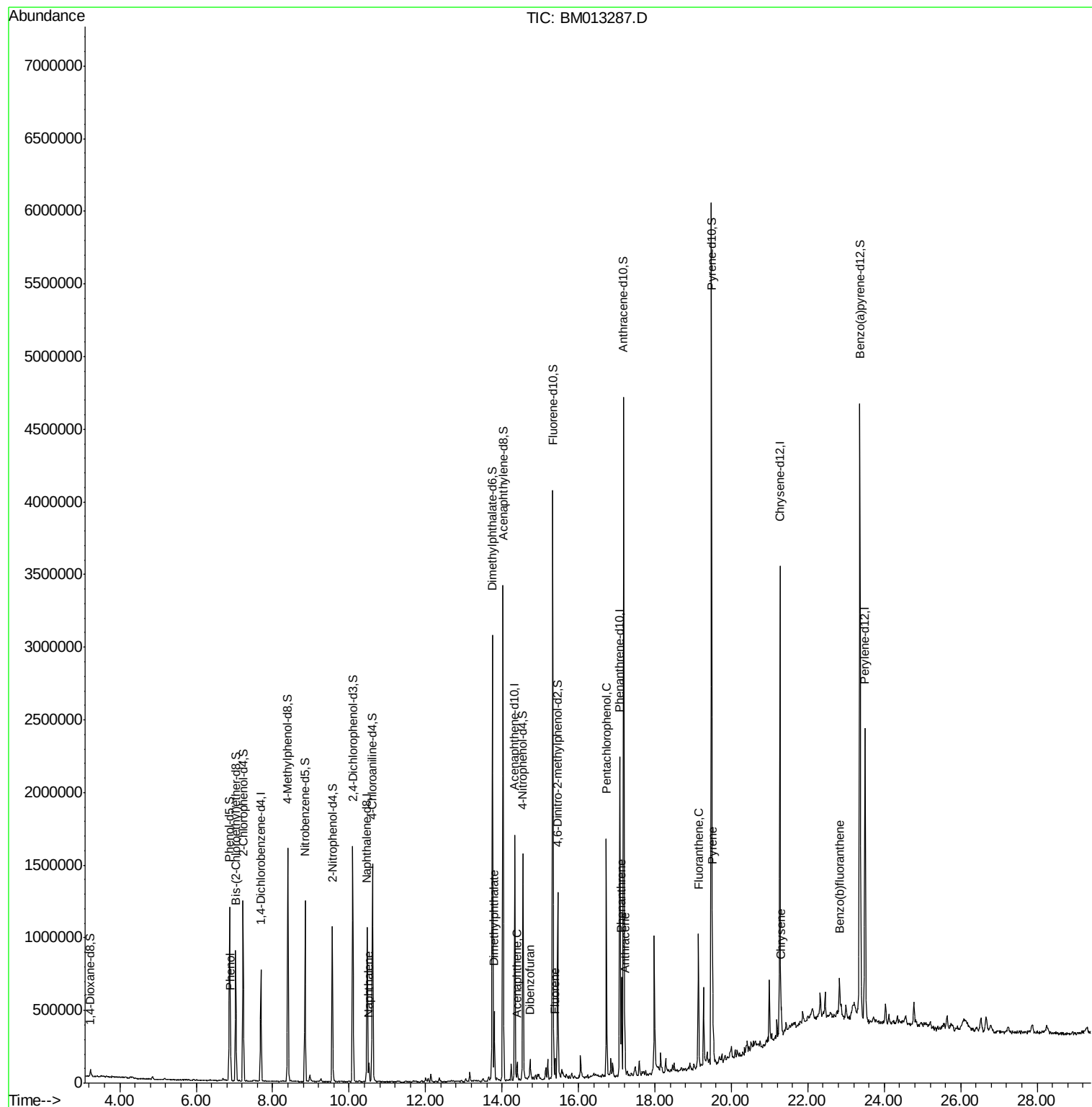
					Ovalue	
6) Phenol	6.90	94	101746	6.377	ng/ul#	81
28) Naphthalene	10.52	128	99524	2.267	ng/ul	98
44) Dimethylphthalate	13.79	163	277027	6.208	ng/ul	99
49) Acenaphthene	14.40	153	47010	1.295	ng/ul#	94
53) Dibenzofuran	14.73	168	70192	1.310	ng/ul	98
58) Fluorene	15.39	166	57224	1.291	ng/ul	90
68) Pentachlorophenol	16.73	266	252741	26.795	ng/ul	97
69) Phenanthrene	17.12	178	393973	5.512	ng/ul	99
71) Anthracene	17.22	178	235148	3.219	ng/ul	98
74) Fluoranthene	19.14	202	517092	5.904	ng/ul#	94
77) Pyrene	19.50	202	442555	4.887	ng/ul#	90
82) Chrysene	21.30	228	119290	1.360	ng/ul	95
85) Benzo(b)fluoranthene	22.83	252	122788	1.278	ng/ul#	88

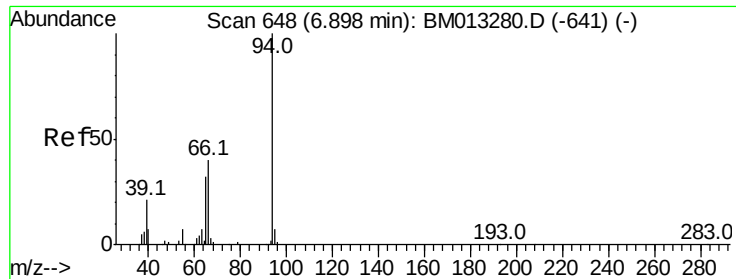
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 6.377 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

Instrument :

BNA_M

ClientSampleId :

F9A28

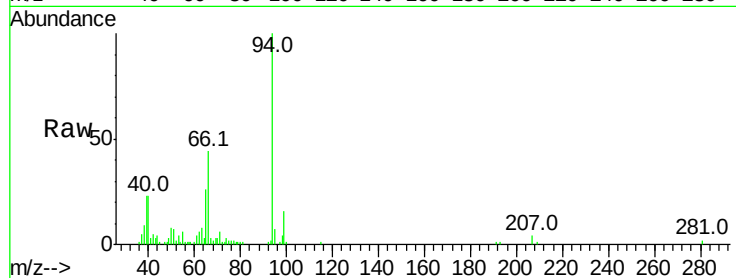
Tot Ion: 94 Resp: 101746

Ion Ratio Lower Upper

94 100

65 26.2 28.2 42.4#

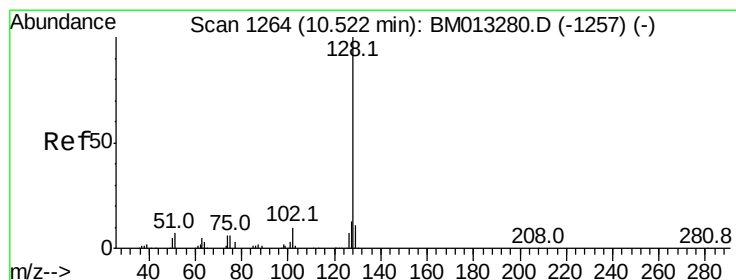
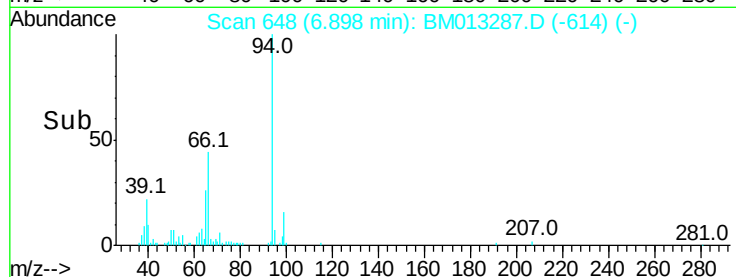
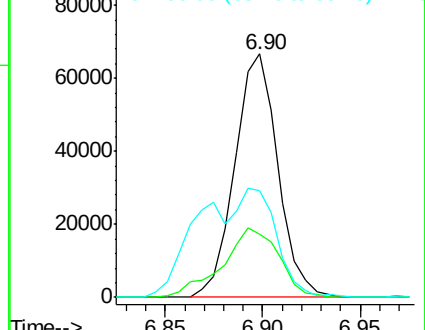
66 43.7 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013287.D (-614) (-)

Ion 65.00 (64.70 to 65.70): BM013287.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BM013287.D (-614) (-)



#28

Naphthalene

Concen: 2.267 ng/ul

RT: 10.52 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

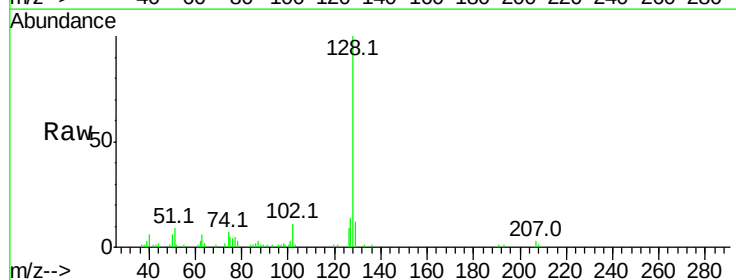
Tgt Ion: 128 Resp: 99524

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

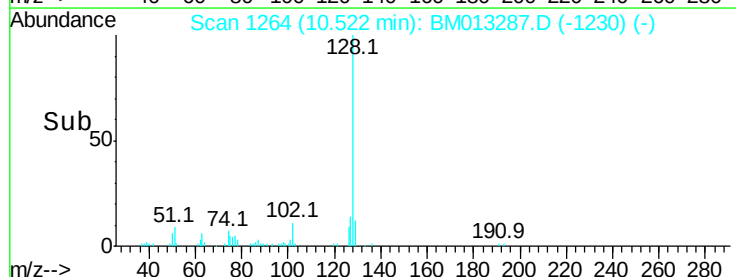
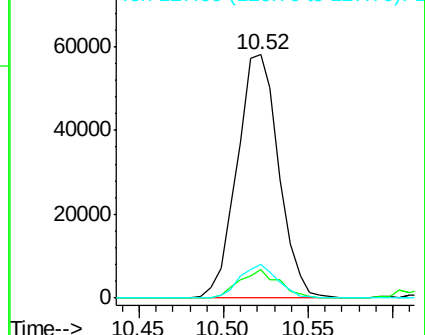
127 14.1 10.6 16.0

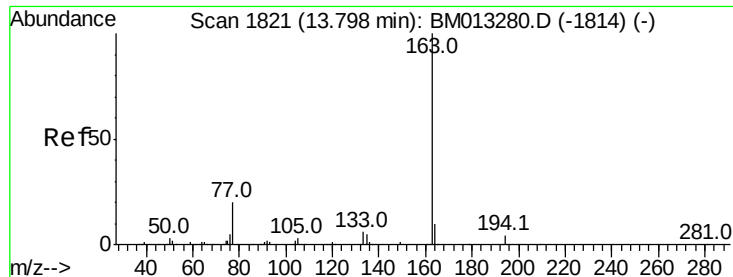


Abundance Ion 128.00 (127.70 to 128.70): BM013287.D (-1230) (-)

Ion 129.00 (128.70 to 129.70): BM013287.D (-1230) (-)

Ion 127.00 (126.70 to 127.70): BM013287.D (-1230) (-)





#44

Dimethylphthalate

Concen: 6.208 ng/ul

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

Instrument :

BNA_M

ClientSampleId :

F9A28

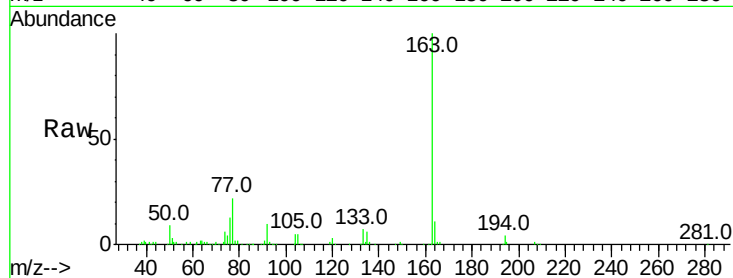
Tot Ion:163 Resp: 277027

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

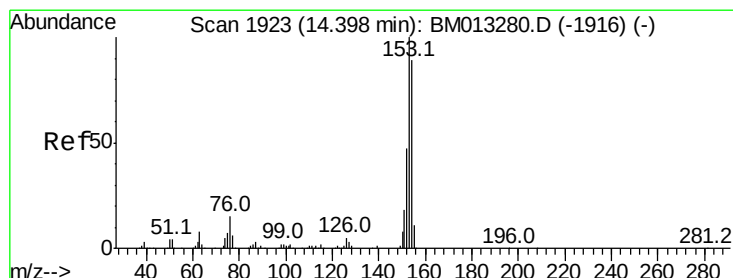
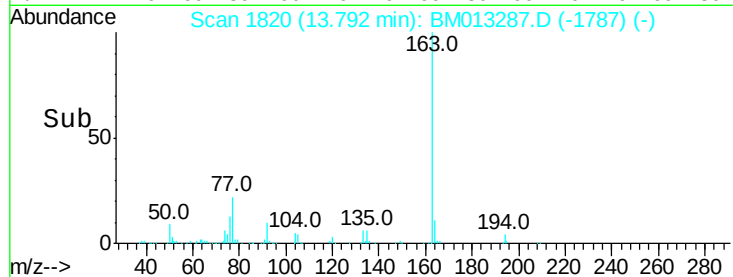
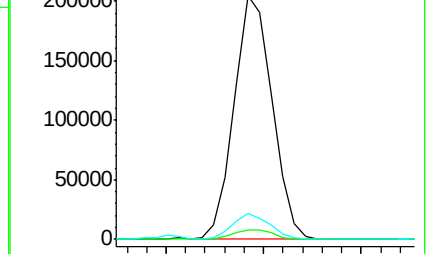
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 1.295 ng/ul

RT: 14.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

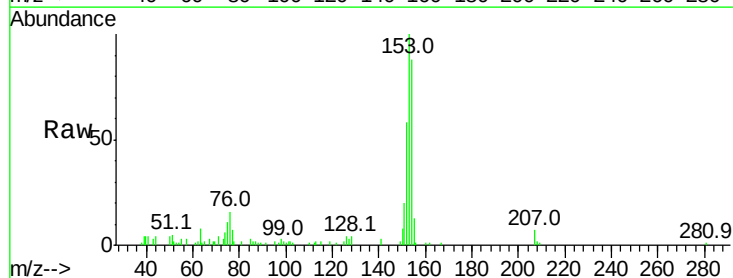
Tgt Ion:153 Resp: 47010

Ion Ratio Lower Upper

153 100

152 58.3 37.6 56.4#

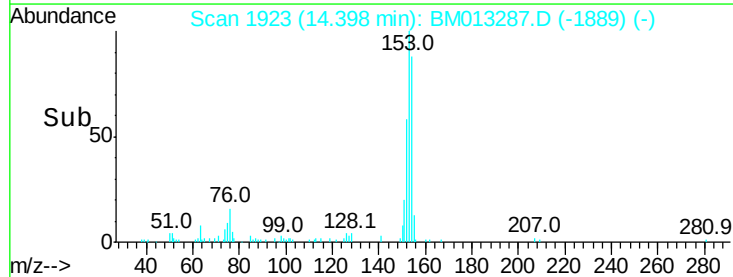
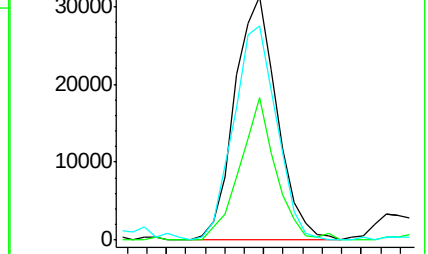
154 88.1 70.4 105.6

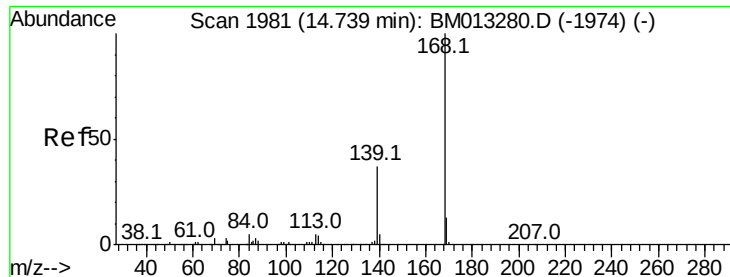


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 1.310 ng/ul

RT: 14.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

Instrument :

BNA_M

ClientSampled :

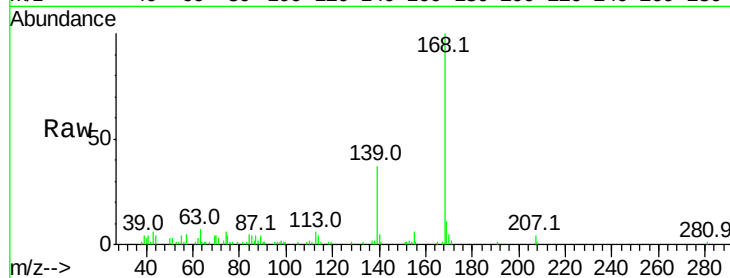
F9A28

Tot Ion:168 Resp: 70192

Ion Ratio Lower Upper

168 100

139 37.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

60000

50000

40000

30000

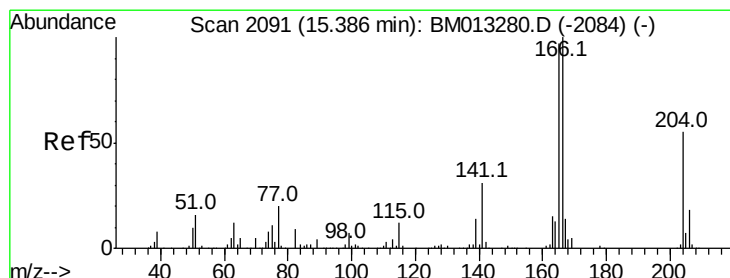
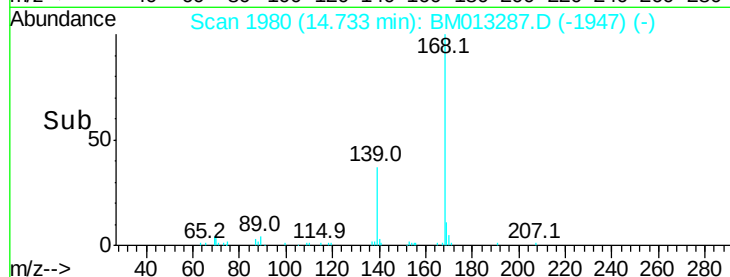
20000

10000

0

14.70 14.75

Time-->



#58

Fluorene

Concen: 1.291 ng/ul

RT: 15.39 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

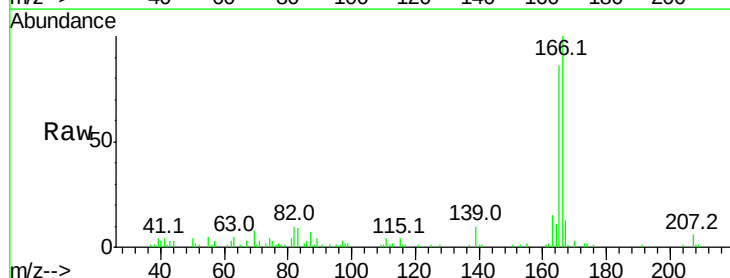
Tgt Ion:166 Resp: 57224

Ion Ratio Lower Upper

166 100

165 86.1 77.9 116.9

167 13.5 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

50000

40000

30000

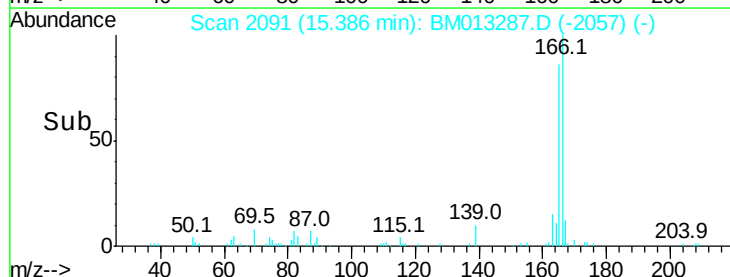
20000

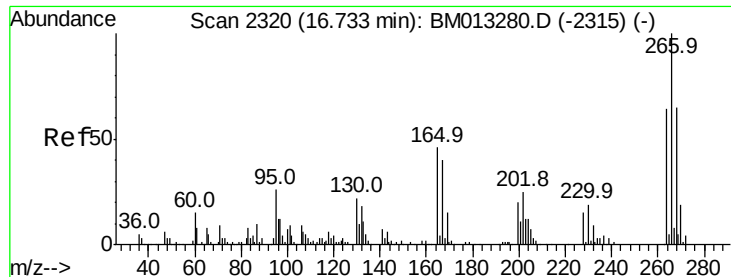
10000

0

15.35 15.40

Time-->

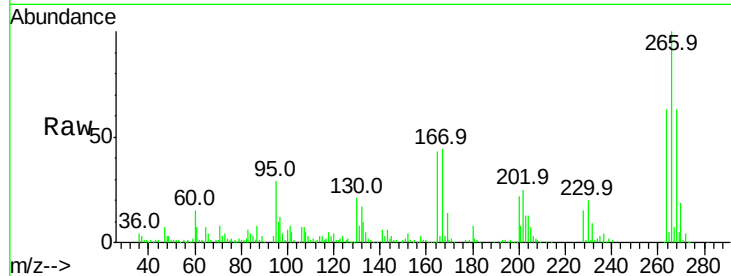




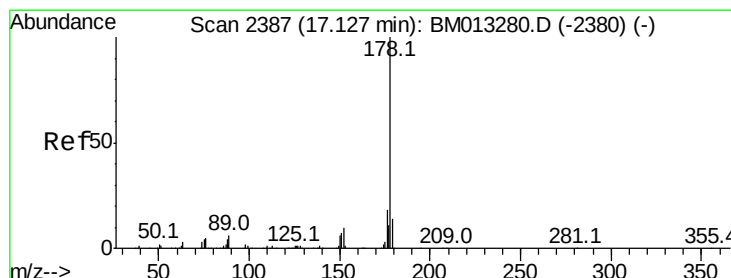
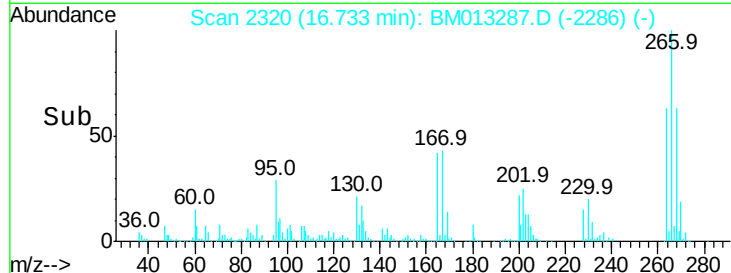
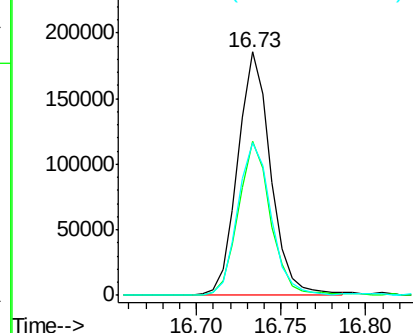
#68
 Pentachlorophenol
 Concen: 26.795 ng/ul
 RT: 16.73 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BM013287.D
 Acq: 09 Dec 2017 02:21

Instrument :
 BNA_M
 ClientSampled :
 F9A28

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.3	73.9
268	62.6	52.6	78.8

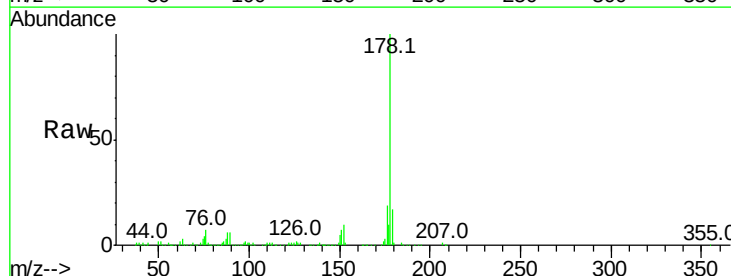


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

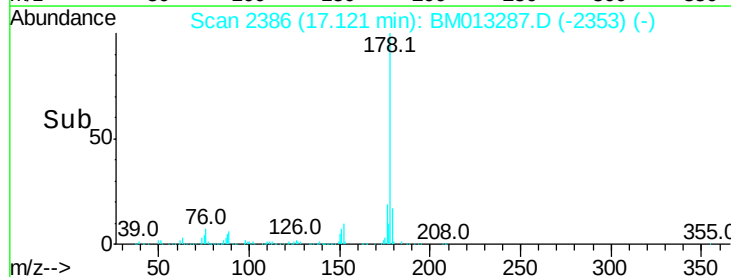
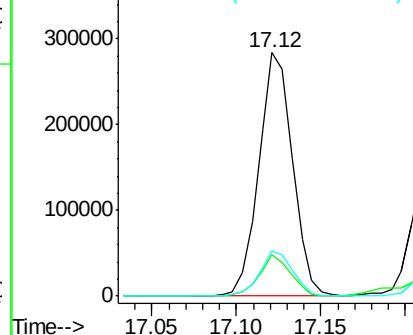


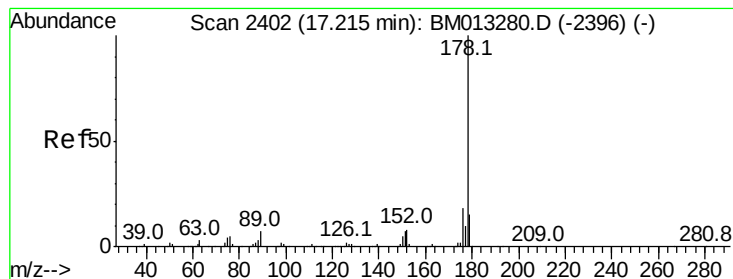
#69
 Phenanthrene
 Concen: 5.512 ng/ul
 RT: 17.12 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BM013287.D
 Acq: 09 Dec 2017 02:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	18.7	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: 3.219 ng/ul

RT: 17.22 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

Instrument :

BNA_M

ClientSampleId :

F9A28

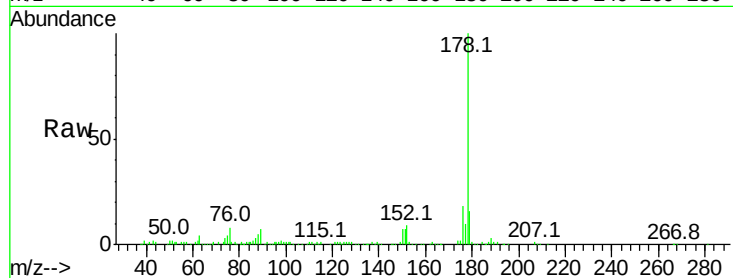
Tot Ion:178 Resp: 235148

Ion Ratio Lower Upper

178 100

179 16.0 11.7 17.5

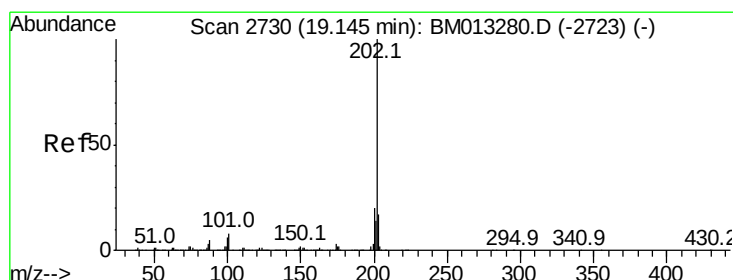
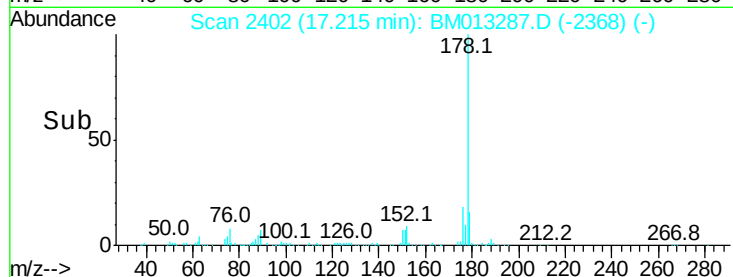
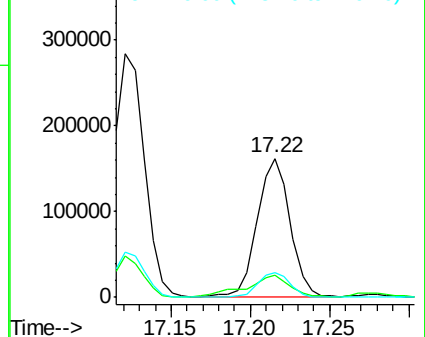
176 18.0 14.6 21.8



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: 5.904 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

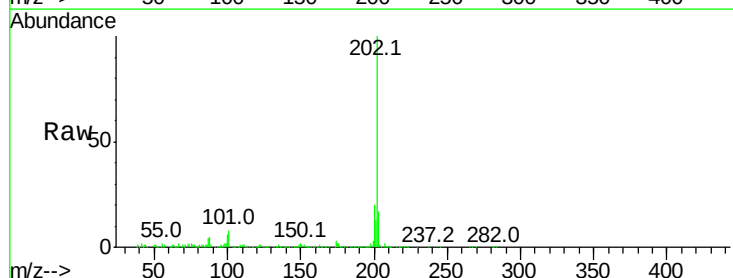
Tgt Ion:202 Resp: 517092

Ion Ratio Lower Upper

202 100

101 7.9 4.6 7.0#

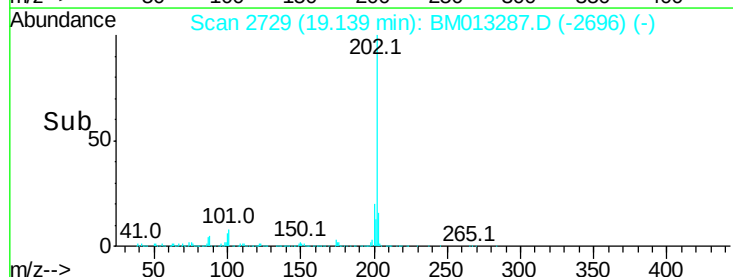
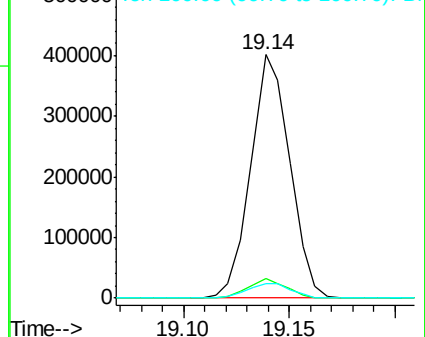
100 6.1 3.4 5.2#

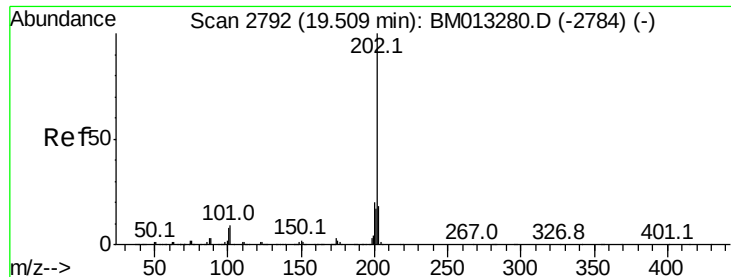


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.887 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

Instrument :

BNA_M

ClientSampleId :

F9A28

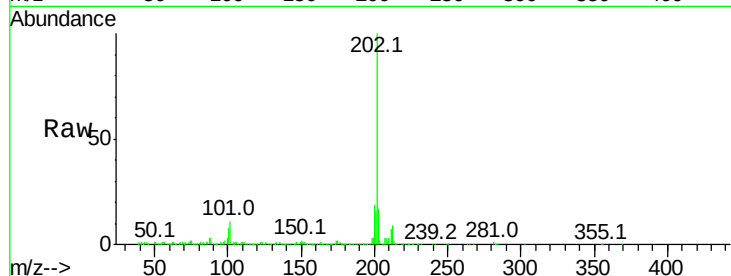
Tot Ion:202 Resp: 442555

Ion Ratio Lower Upper

202 100

101 10.9 5.1 7.7#

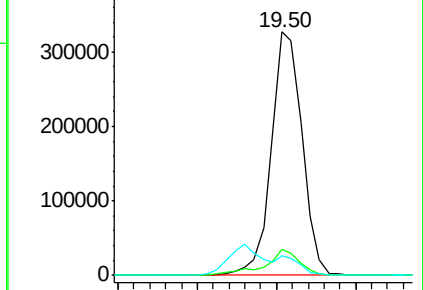
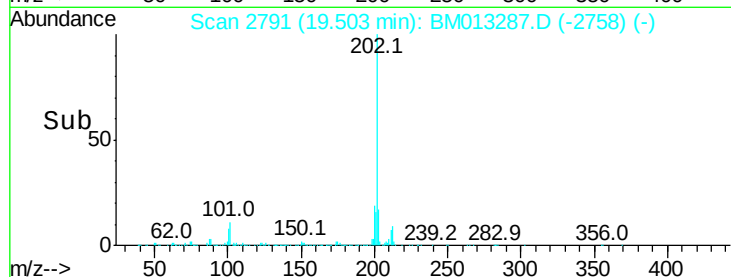
100 8.3 4.9 7.3#



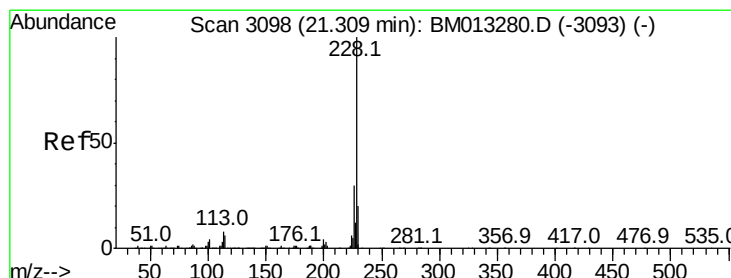
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#82

Chrysene

Concen: 1.360 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

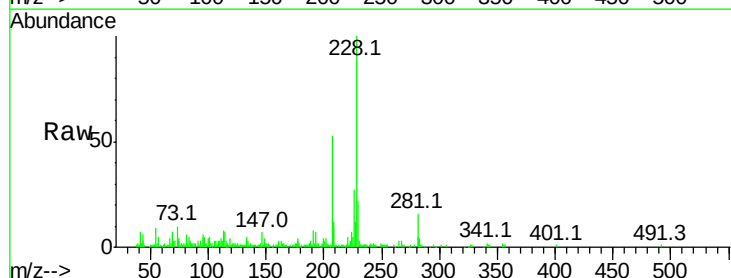
Tgt Ion:228 Resp: 119290

Ion Ratio Lower Upper

228 100

226 27.1 23.4 35.2

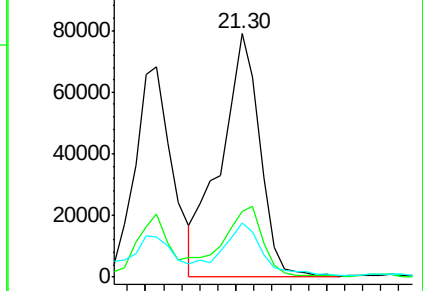
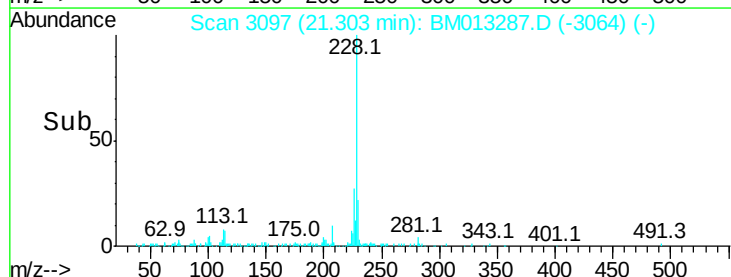
229 22.2 15.5 23.3



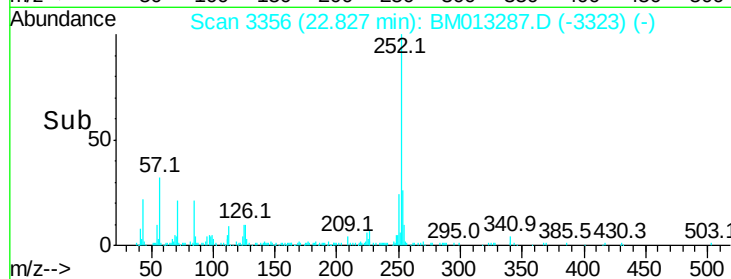
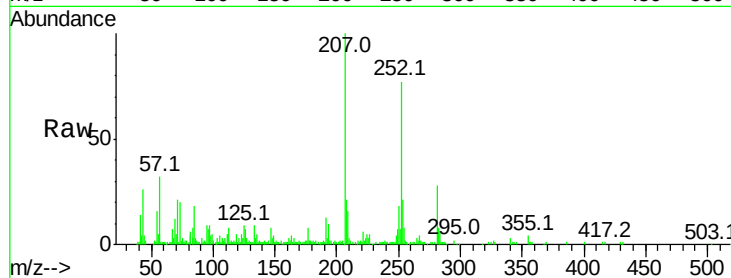
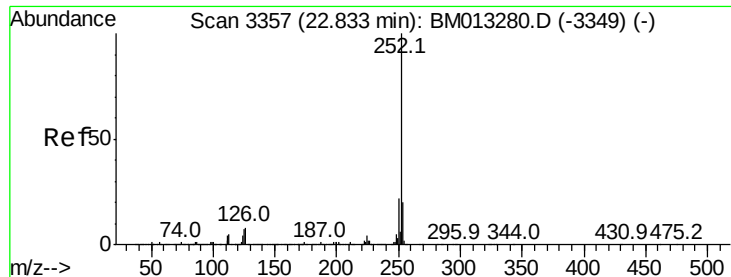
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 1.278 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM013287.D

Acq: 09 Dec 2017 02:21

Instrument :

BNA_M

ClientSampleId :

F9A28

Tot Ion:252 Resp: 122788

Ion Ratio Lower Upper

252 100

253 27.1 17.9 26.9#

125 11.8 3.6 5.4#

