

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
 Data File : BM013176.D
 Acq On : 04 Dec 2017 20:46
 Operator : SJ/JU
 Sample : I6646-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0259

Quant Time: Dec 05 04:59:37 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 05 04:53:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	280771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1231948	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	726079	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1568648	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1157623	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	917441	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	15407	2.72	ng/uL	0.00
5) Phenol-d5	6.88	99	417210	17.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	253974	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	354300	18.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	332452	16.02	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	181057	18.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	197071	18.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	365321	16.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	402388	20.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1196125	18.51	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1482793	18.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	165398	14.73	ng/ul	0.00
57) Fluorene-d10	15.34	176	1036039	18.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	141177	14.31	ng/ul	0.00
70) Anthracene-d10	17.19	188	1546051	19.68	ng/ul	0.00
76) Pyrene-d10	19.48	212	1508517	26.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	929078	19.88	ng/ul	0.00

Target Compounds

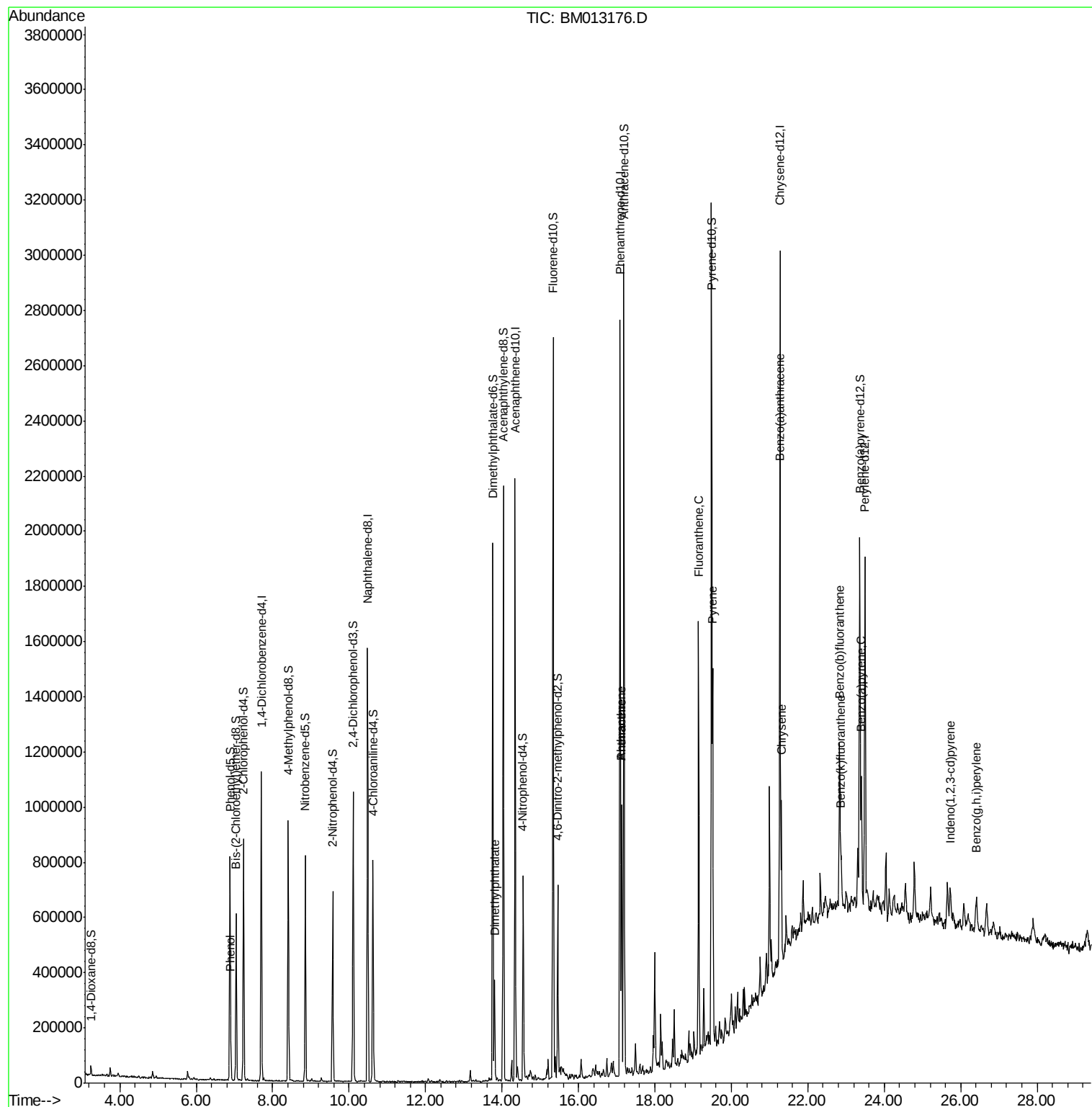
						Ovalue
6) Phenol	6.90	94	44322	1.85	ng/ul	88
44) Dimethylphthalate	13.80	163	214782	3.48	ng/ul	99
69) Phenanthrene	17.13	178	569266	6.39	ng/ul	97
71) Anthracene	17.13	178	569266	6.25	ng/ul	99
74) Fluoranthene	19.14	202	930481	8.52	ng/ul#	92
77) Pyrene	19.51	202	782349	11.12	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	246896	3.36	ng/ul	97
82) Chrysene	21.31	228	336835	4.94	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	323717	5.23	ng/ul#	90
86) Benzo(k)fluoranthene	22.87	252	123210	2.12	ng/ul#	88
88) Benzo(a)pyrene	23.40	252	175941	3.17	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	147133	2.67	ng/ul#	96
91) Benzo(g,h,i)perylene	26.42	276	127313	2.93	ng/ul#	93

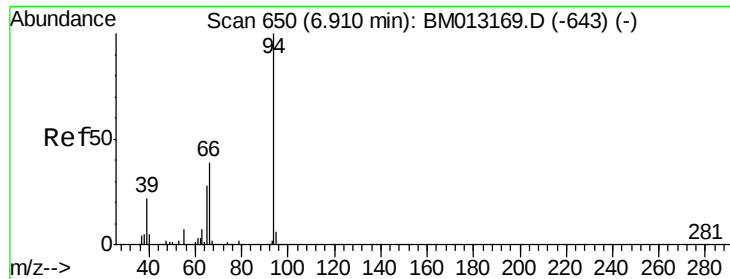
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.85 ng/ul

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

ClientSampleId :

C0259

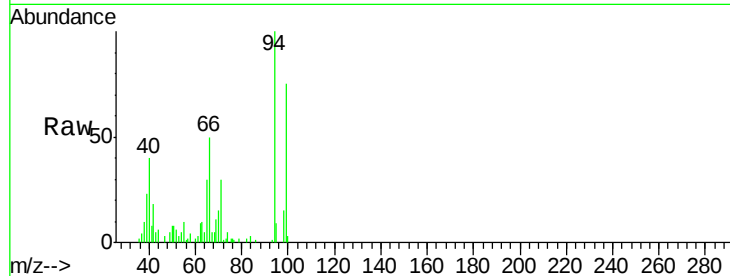
Tot Ion: 94 Resp: 44322

Ion Ratio Lower Upper

94 100

65 29.6 28.2 42.4

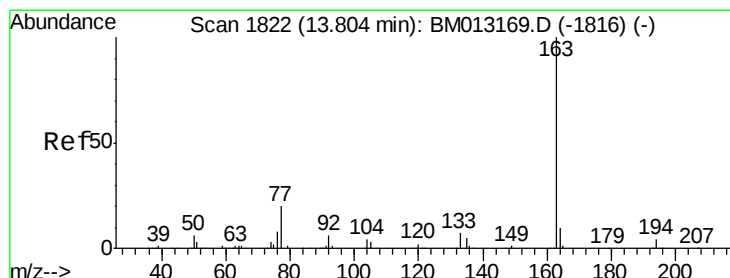
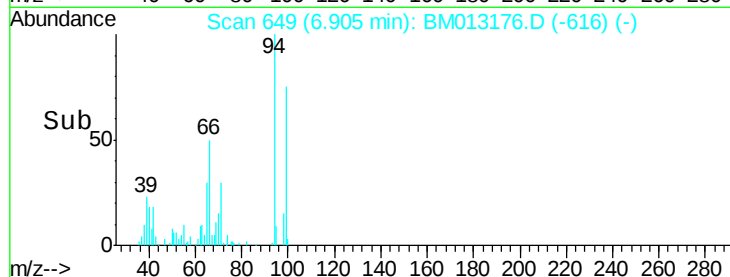
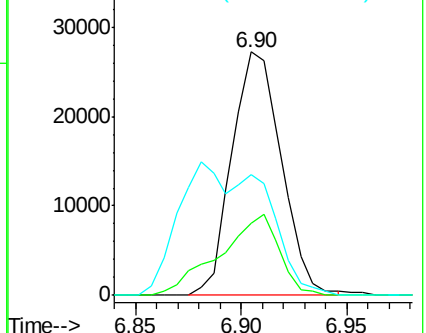
66 49.5 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013169.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013169.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013169.D (-643) (-)



#44

Dimethylphthalate

Concen: 3.48 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

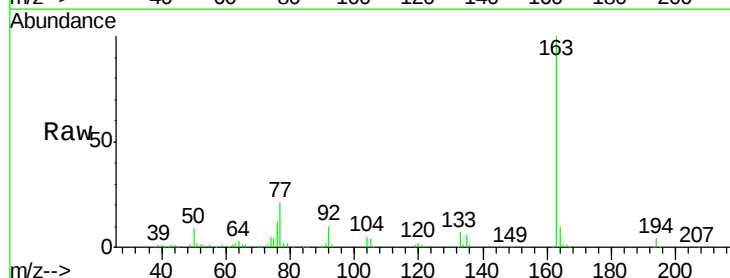
Tgt Ion: 163 Resp: 214782

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

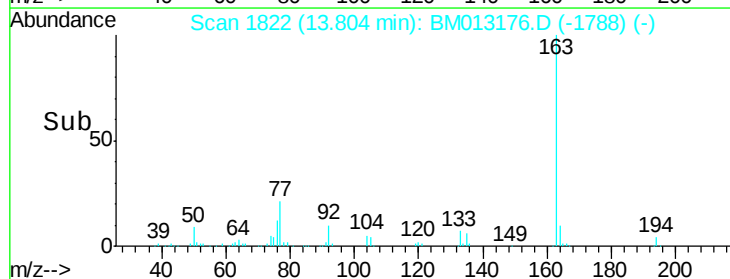
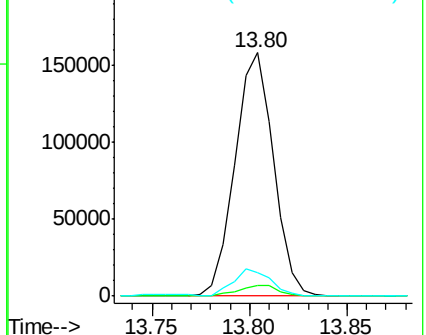
164 9.9 8.2 12.4

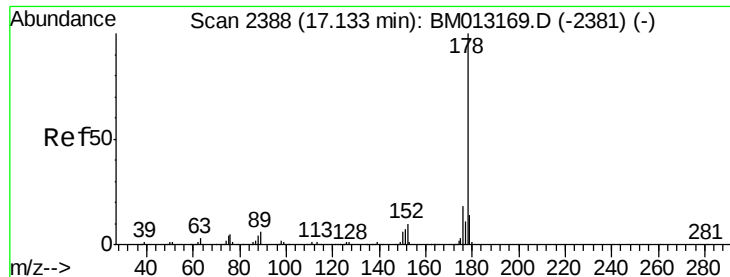


Abundance Ion 163.00 (162.70 to 163.70): BM013169.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM013169.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM013169.D (-1816) (-)





#69

Phenanthrene

Concen: 6.39 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

ClientSampled :

C0259

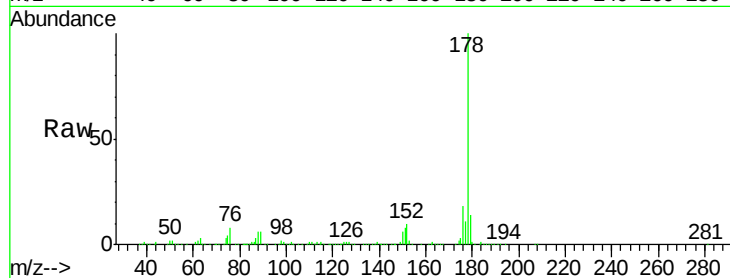
Tot Ion:178 Resp: 569266

Ion Ratio Lower Upper

178 100

179 14.3 12.6 19.0

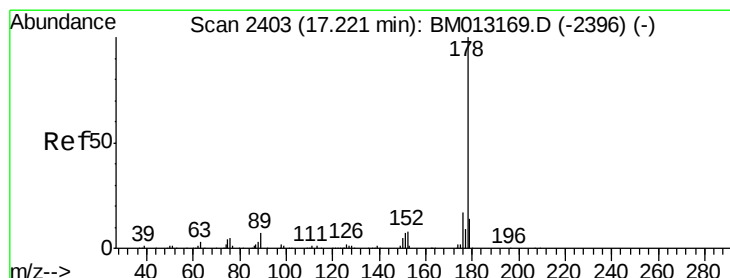
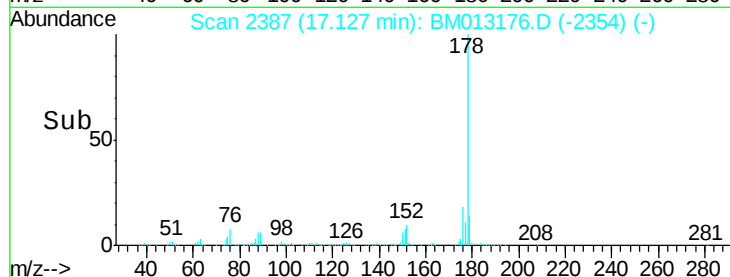
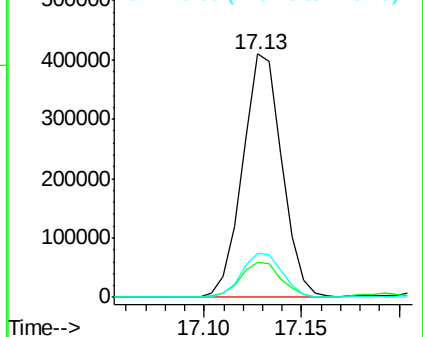
176 17.8 14.9 22.3



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: 6.25 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.09 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

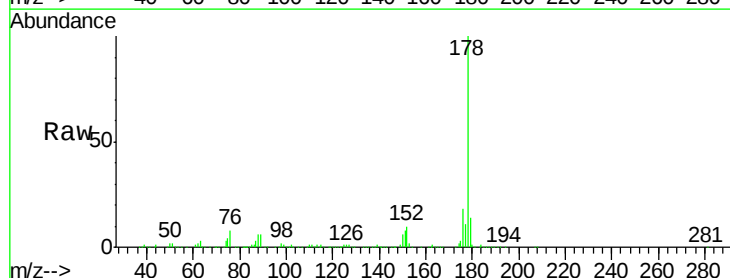
Tgt Ion:178 Resp: 569266

Ion Ratio Lower Upper

178 100

179 14.3 11.7 17.5

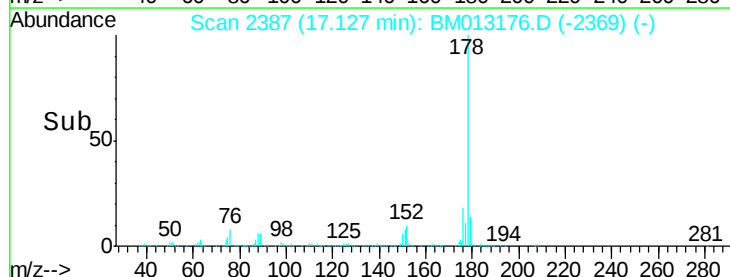
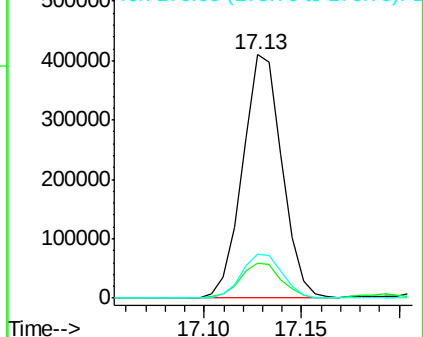
176 17.8 14.6 21.8

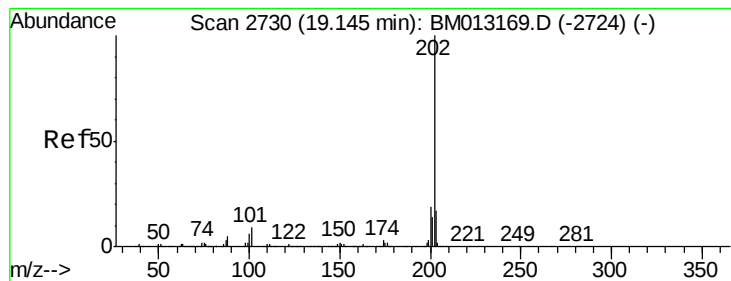


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 8.52 ng/ul

RT: 19.14 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

ClientSampleId :

C0259

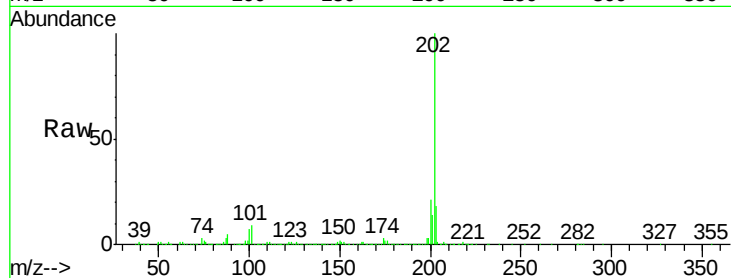
Tot Ion:202 Resp: 930481

Ion Ratio Lower Upper

202 100

101 8.5 4.6 7.0#

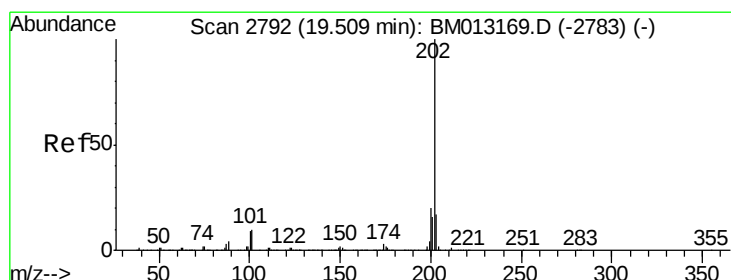
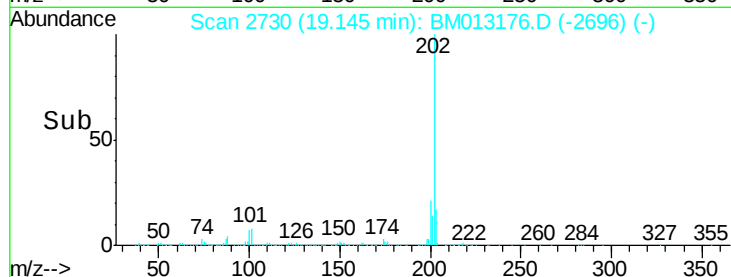
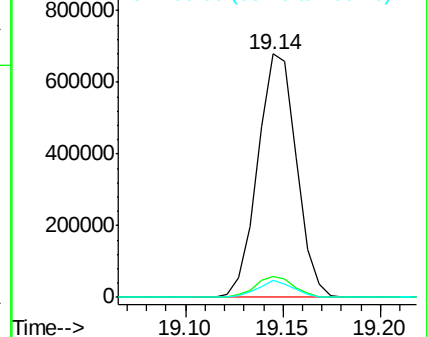
100 6.9 3.4 5.2#



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

Pyrene

Concen: 11.12 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

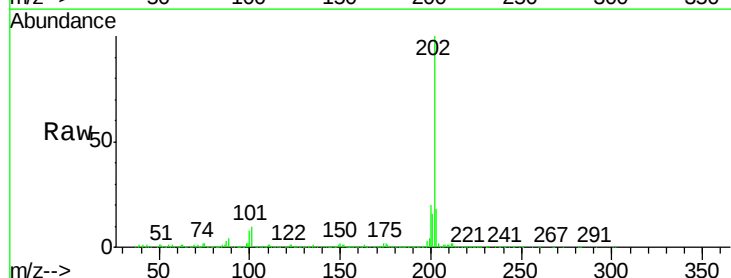
Tgt Ion:202 Resp: 782349

Ion Ratio Lower Upper

202 100

101 9.7 5.1 7.7#

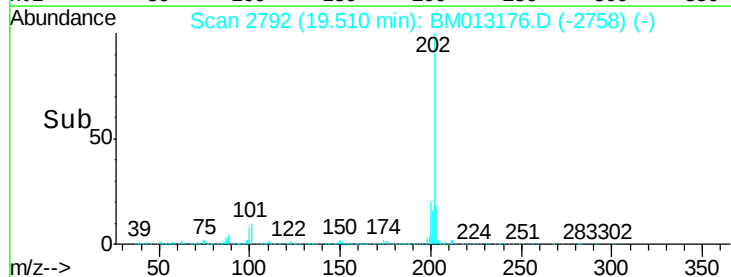
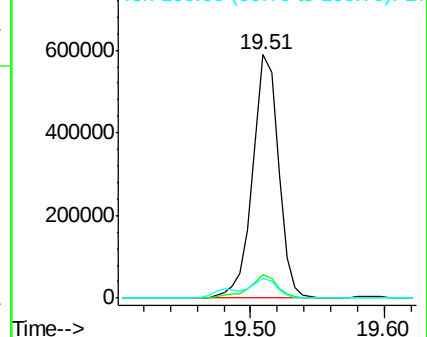
100 8.0 4.9 7.3#

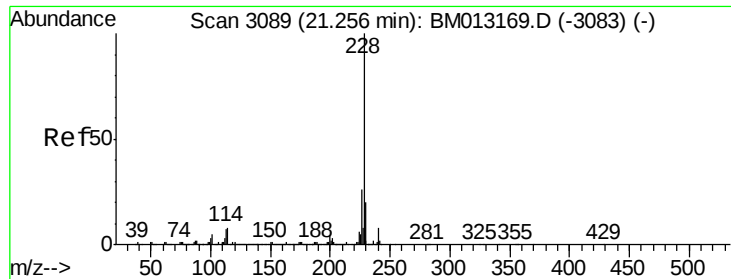


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.36 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

ClientSampleId :

C0259

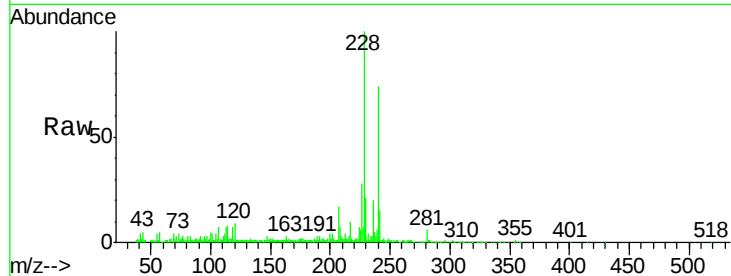
Tot Ion:228 Resp: 246896

Ion Ratio Lower Upper

228 100

229 21.1 15.4 23.0

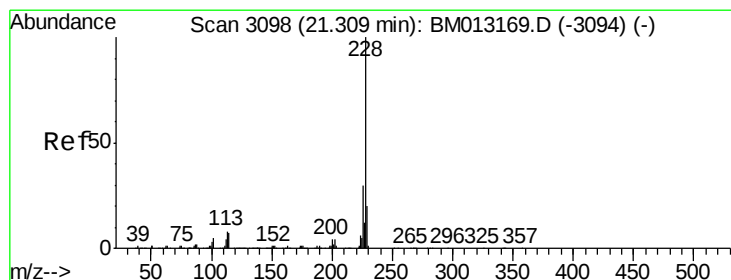
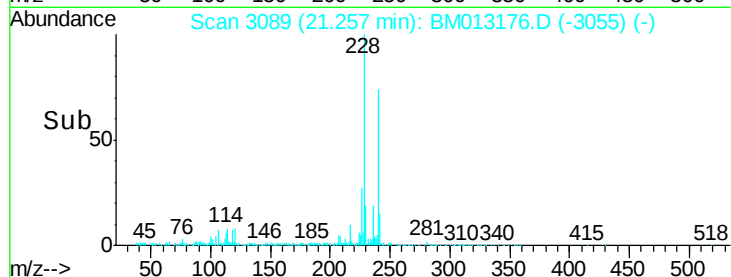
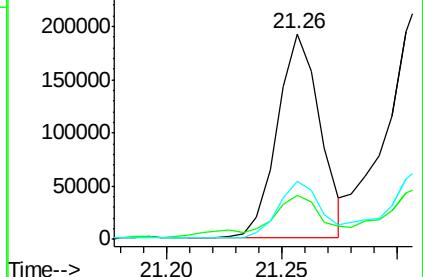
226 28.0 21.4 32.0



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: 4.94 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

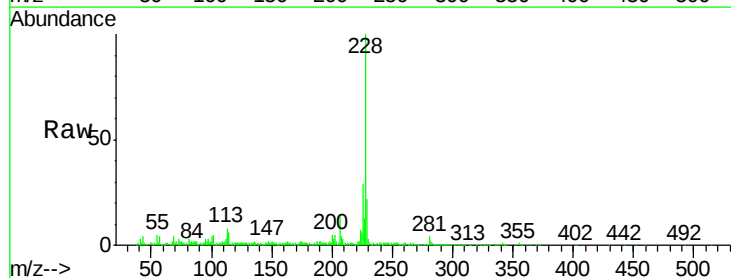
Tgt Ion:228 Resp: 336835

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.2

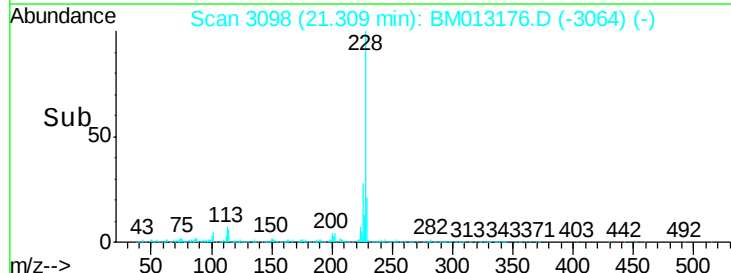
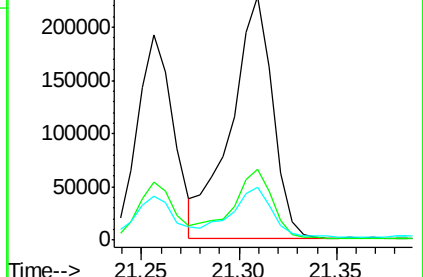
229 21.6 15.5 23.3

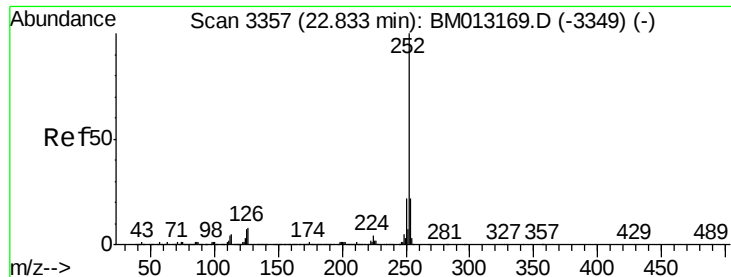


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 5.23 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

ClientSampleId :

C0259

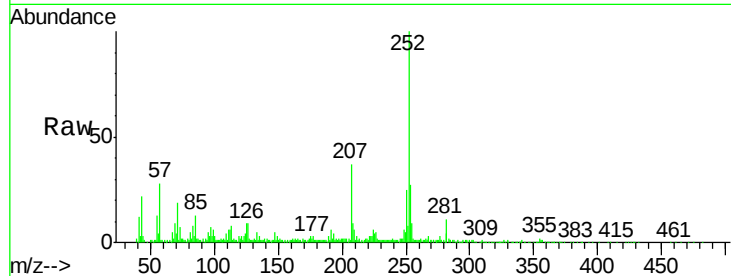
Tot Ion:252 Resp: 323717

Ion Ratio Lower Upper

252 100

253 27.1 17.9 26.9#

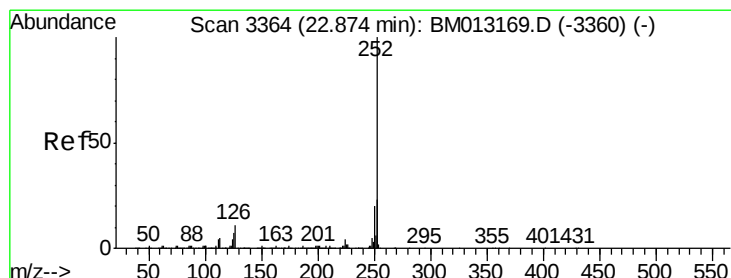
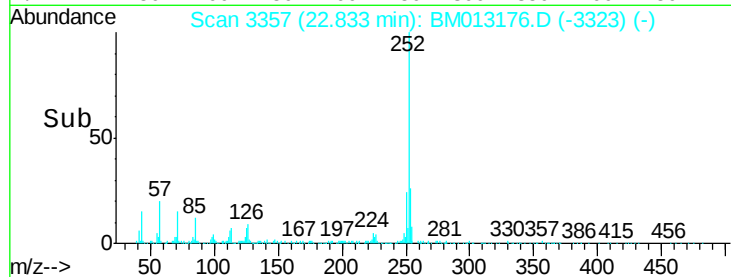
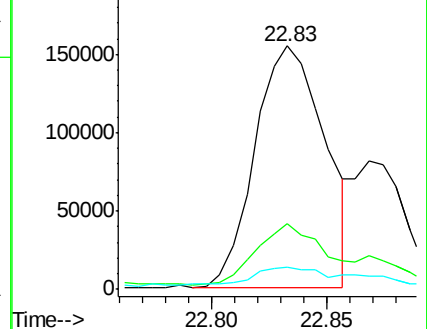
125 9.2 3.6 5.4#



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: 2.12 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

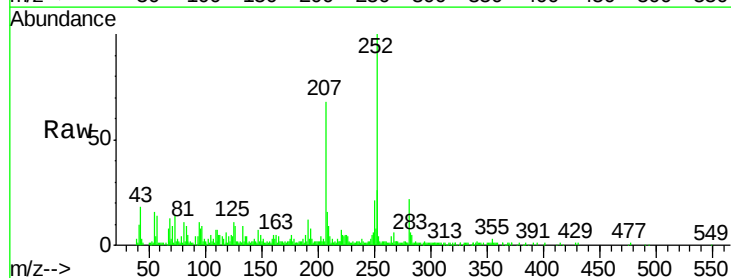
Tgt Ion:252 Resp: 123210

Ion Ratio Lower Upper

252 100

253 26.3 17.1 25.7#

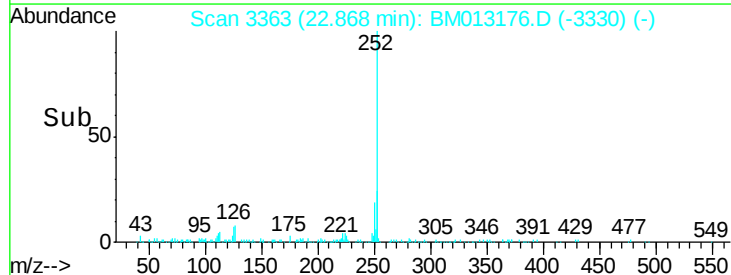
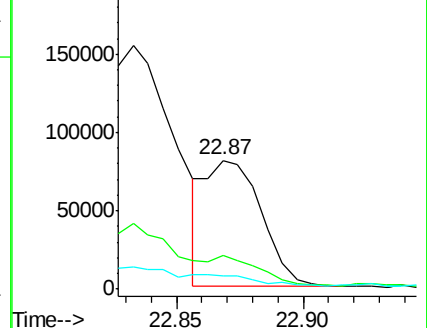
125 10.6 3.4 5.2#

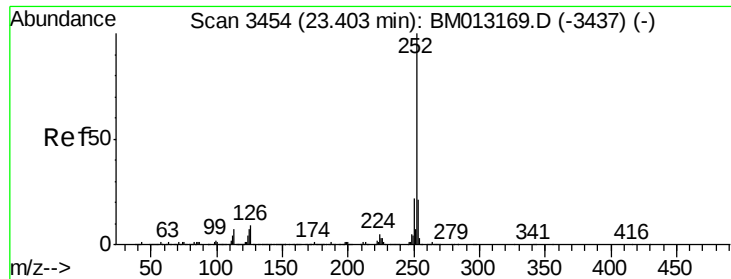


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.17 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

ClientSampleId :

C0259

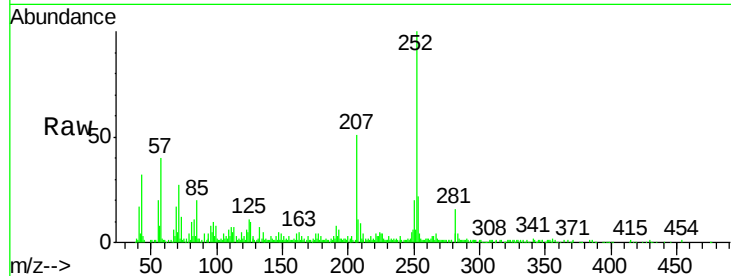
Tot Ion:252 Resp: 175941

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

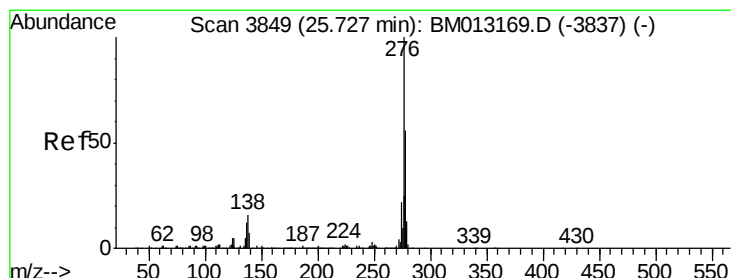
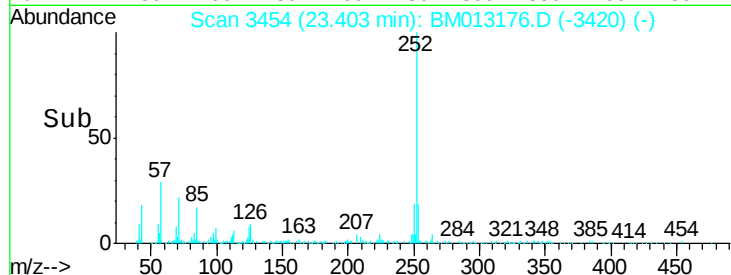
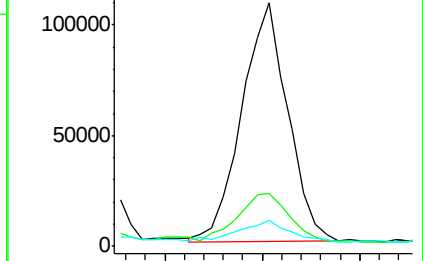
125 10.5 4.0 6.0#



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: 2.67 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

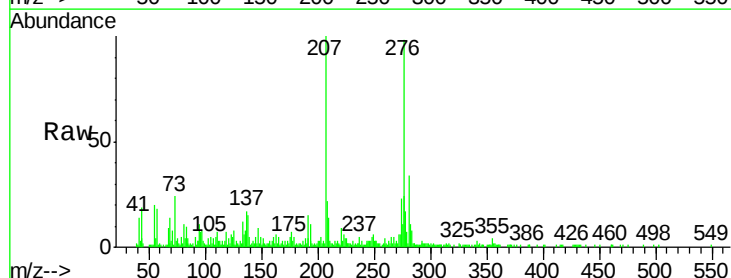
Tgt Ion:276 Resp: 147133

Ion Ratio Lower Upper

276 100

138 15.4 9.3 13.9#

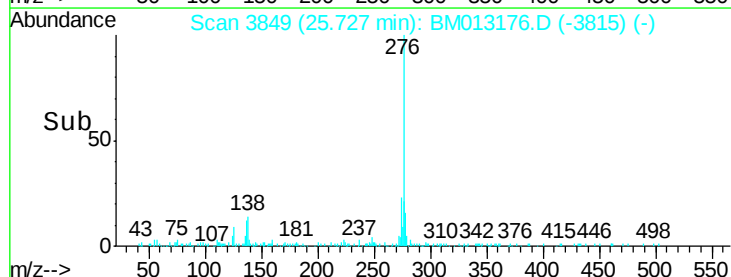
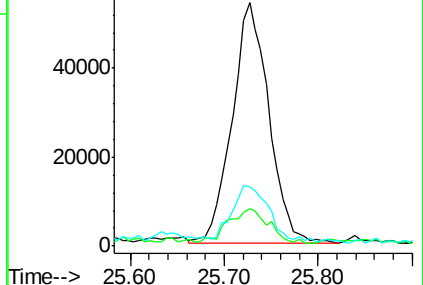
277 24.2 19.9 29.9

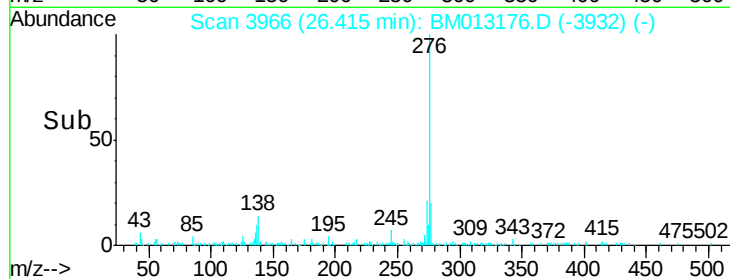
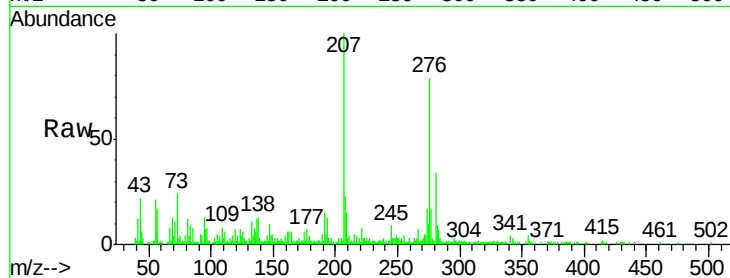
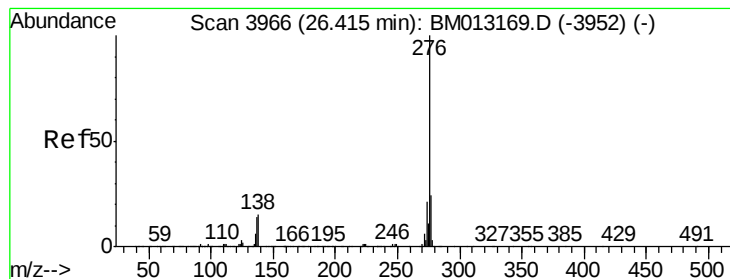


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.93 ng/ul

RT: 26.42 min Scan# 3966

Delta R.T. 0.00 min

Lab File: BM013176.D

Acq: 04 Dec 2017 20:46

Instrument :

BNA_M

ClientSampleId :

C0259

Tot Ion:276 Resp: 127313

Ion Ratio Lower Upper

276 100

138 15.9 8.5 12.7#

277 21.5 18.6 28.0

