

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023269.D
 Acq On : 18 Oct 2019 21:59
 Operator : JU
 Sample : K5345-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOK5

Quant Time: Oct 30 03:39:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 01:30:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	385537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1503158	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	927596	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1939406	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2041664	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2425378	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	28294	3.23	ng/uL	0.00
5) Phenol-d5	6.83	99	536791	15.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	322193	16.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	443649	17.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	430298	15.95	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	207236	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	219510	22.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	435069	17.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	517347	17.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1287314	18.11	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1532096	18.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	173579	15.08	ng/ul	0.00
58) Fluorene-d10	15.30	176	1146332	18.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	146010	18.99	ng/ul	0.00
71) Anthracene-d10	17.14	188	1846943	19.75	ng/ul	0.00
79) Pyrene-d10	19.44	212	2325168	23.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2836568	23.07	ng/ul	0.00

Target Compounds

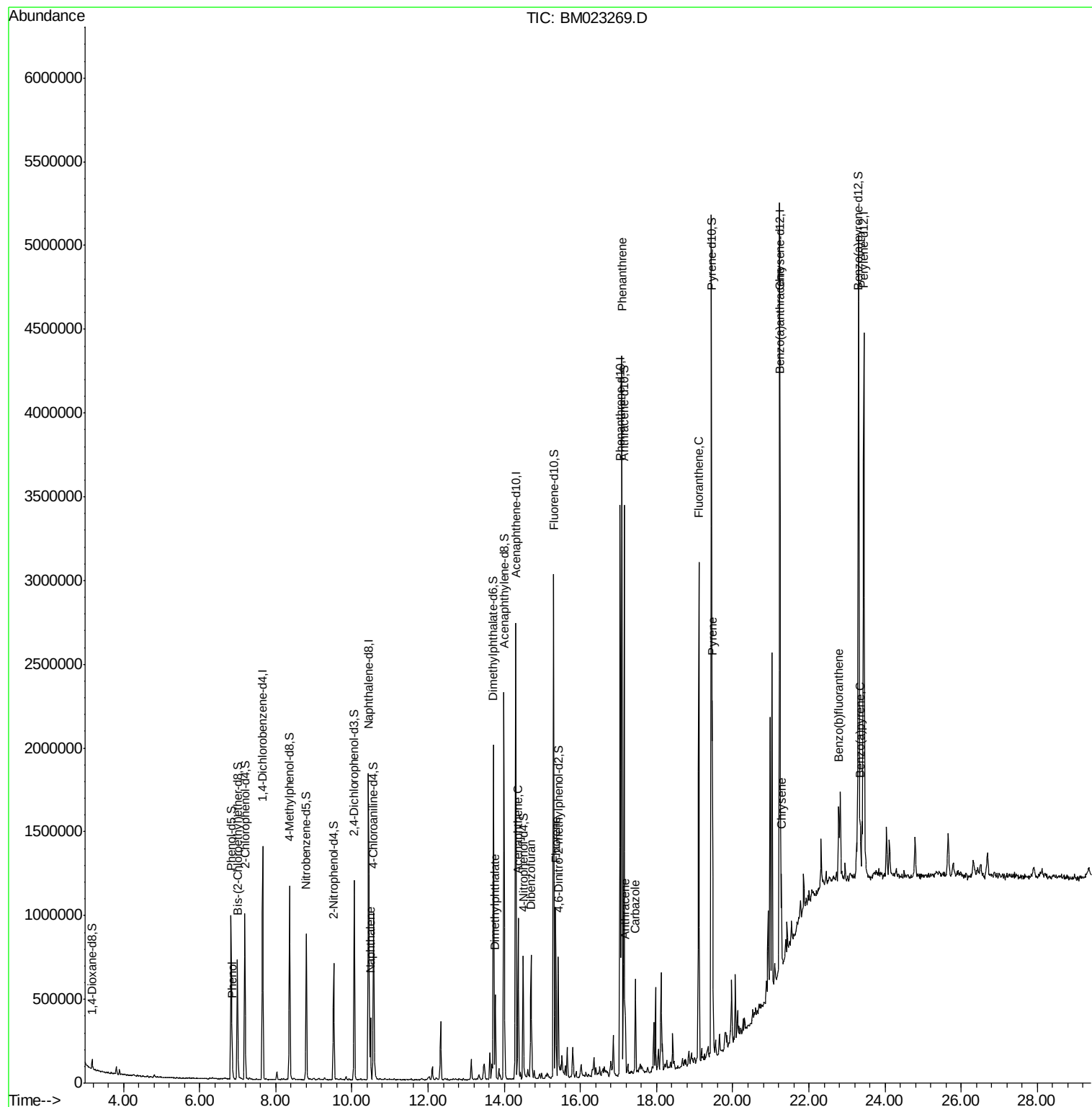
					Ovalue
6) Phenol	6.86	94	74198	2.143	ng/ul 98
28) Naphthalene	10.49	128	286589	3.689	ng/ul 99
45) Dimethylphthalate	13.76	163	315108	4.429	ng/ul 99
50) Acenaphthene	14.36	153	381324	6.424	ng/ul 99
54) Dibenzofuran	14.70	168	449304	5.332	ng/ul 98
59) Fluorene	15.35	166	435988	6.306	ng/ul 99
70) Phenanthrene	17.09	178	2546139	23.393	ng/ul 99
72) Anthracene	17.18	178	324152	2.882	ng/ul 98
75) Carbazole	17.44	167	334357	3.328	ng/ul 99
77) Fluoranthene	19.11	202	1791591	13.841	ng/ul 100
80) Pyrene	19.47	202	1293615	10.114	ng/ul 98
83) Benzo(a)anthracene	21.22	228	406449	2.938	ng/ul 98
85) Chrysene	21.27	228	318135	2.477	ng/ul 98
88) Benzo(b)fluoranthene	22.79	252	348715	2.371	ng/ul# 98
91) Benzo(a)pyrene	23.34	252	242798	1.721	ng/ul# 98

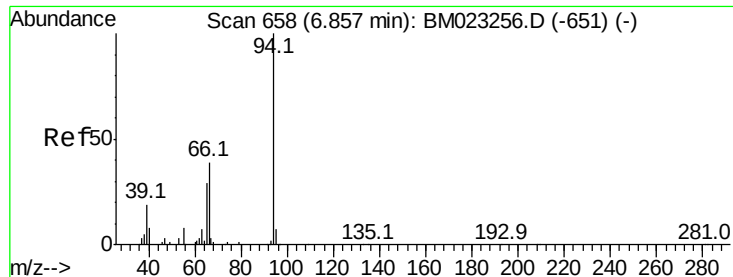
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.143 ng/ul

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM023269.D

Acq: 18 Oct 2019 21:59

Instrument :

BNA_M

ClientSampleId :

ETOK5

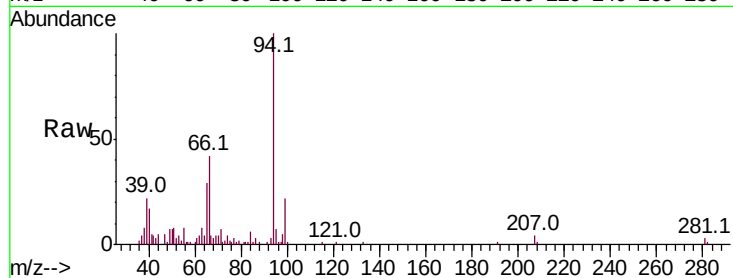
Tot Ion: 94 Resp: 74198

Ion Ratio Lower Upper

94 100

65 29.1 23.7 35.5

66 42.4 32.9 49.3

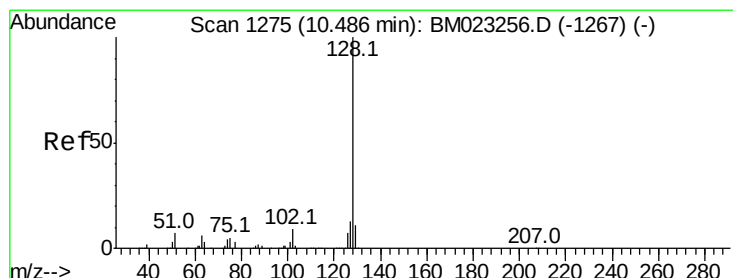
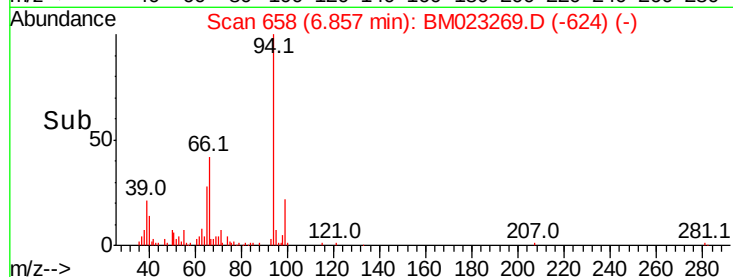
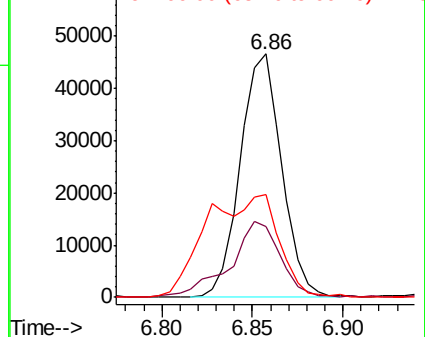


Abundance

Ion 94.00 (93.70 to 94.70): BM023256.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM023256.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM023256.D (-651) (-)



#28

Naphthalene

Concen: 3.689 ng/ul

RT: 10.49 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BM023269.D

Acq: 18 Oct 2019 21:59

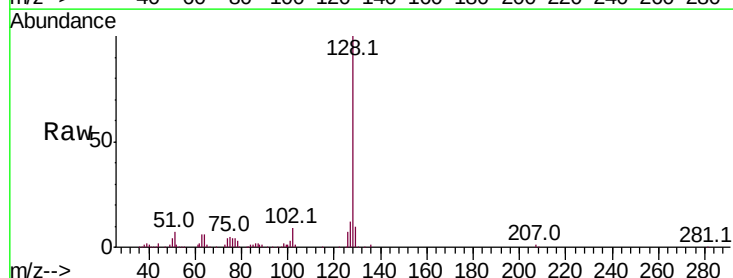
Tgt Ion: 128 Resp: 286589

Ion Ratio Lower Upper

128 100

129 10.3 8.3 12.5

127 12.3 10.2 15.4

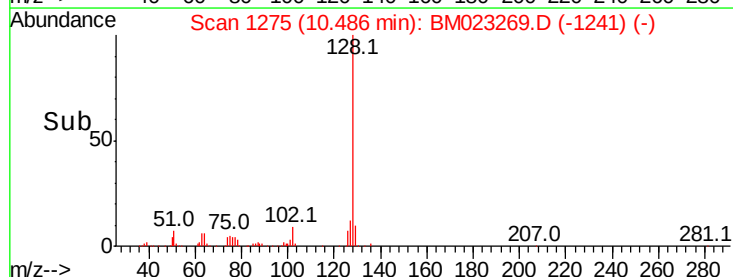
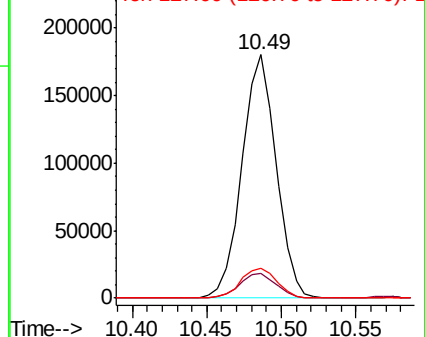


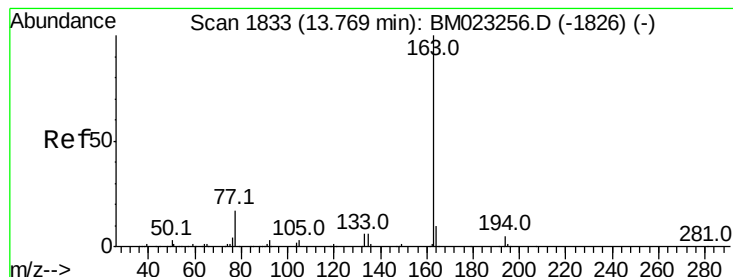
Abundance

Ion 128.00 (127.70 to 128.70): BM023256.D (-1267) (-)

Ion 129.00 (128.70 to 129.70): BM023256.D (-1267) (-)

Ion 127.00 (126.70 to 127.70): BM023256.D (-1267) (-)





#45

Dimethylphthalate

Concen: 4.429 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM023269.D

Acq: 18 Oct 2019 21:59

Instrument :

BNA_M

ClientSampleId :

ETOK5

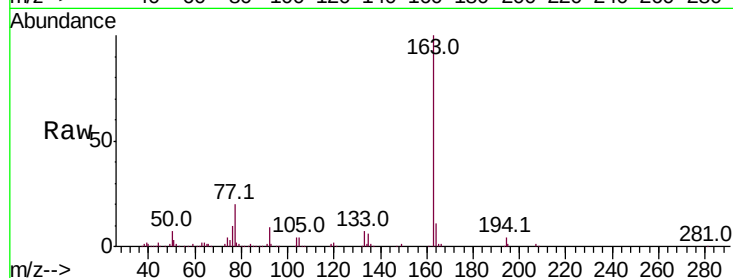
Tot Ion:163 Resp: 315108

Ion Ratio Lower Upper

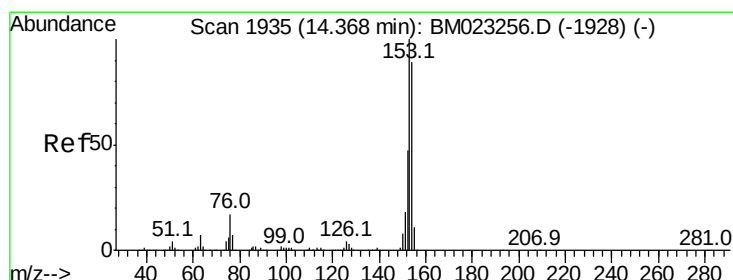
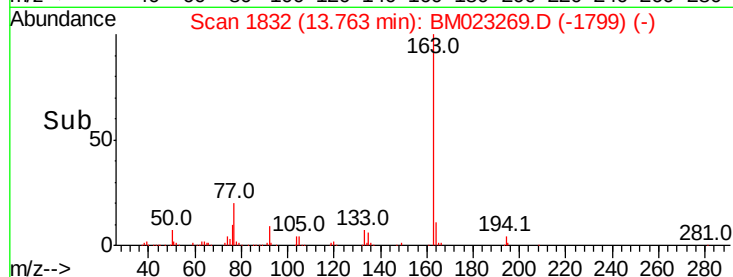
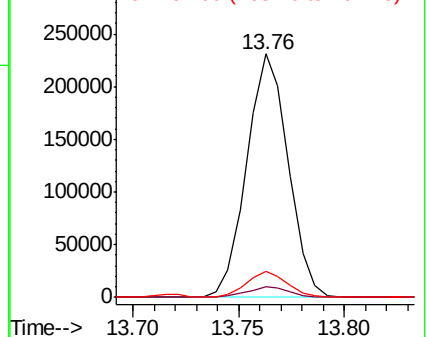
163 100

194 4.3 3.5 5.3

164 10.7 8.0 12.0



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



#50

Acenaphthene

Concen: 6.424 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM023269.D

Acq: 18 Oct 2019 21:59

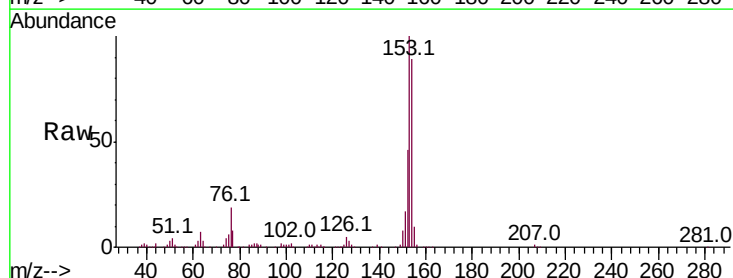
Tgt Ion:153 Resp: 381324

Ion Ratio Lower Upper

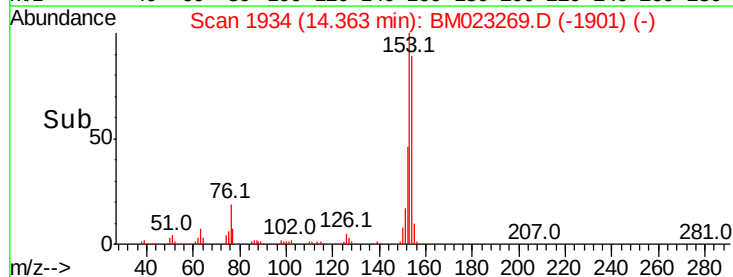
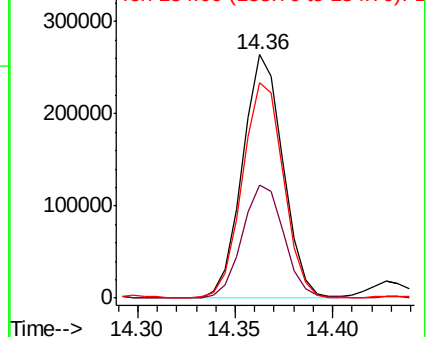
153 100

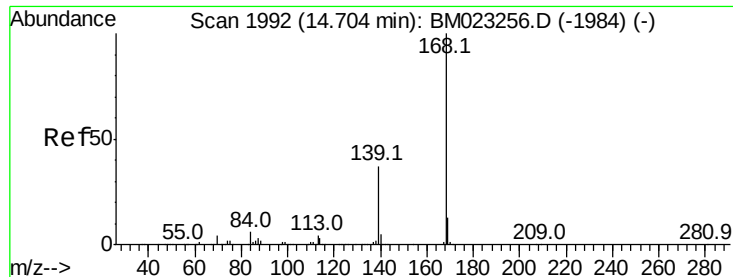
152 46.4 38.0 57.0

154 88.5 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





#54

Dibenzenofuran

Concen: 5.332 ng/ul

RT: 14.70 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BM023269.D

Acq: 18 Oct 2019 21:59

Instrument :

BNA_M

ClientSampleId :

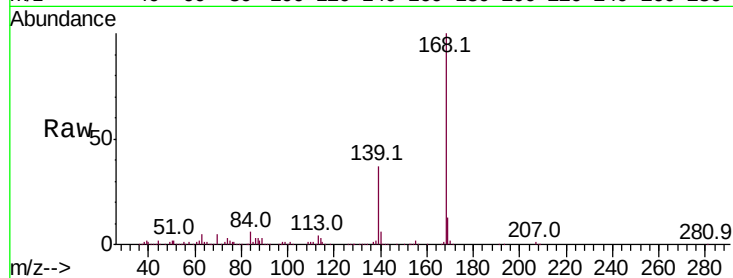
ETOK5

Tot Ion:168 Resp: 449304

Ion Ratio Lower Upper

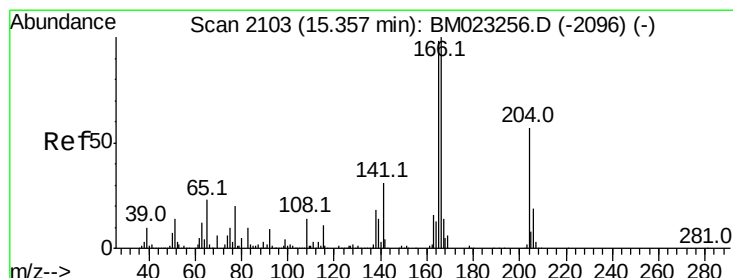
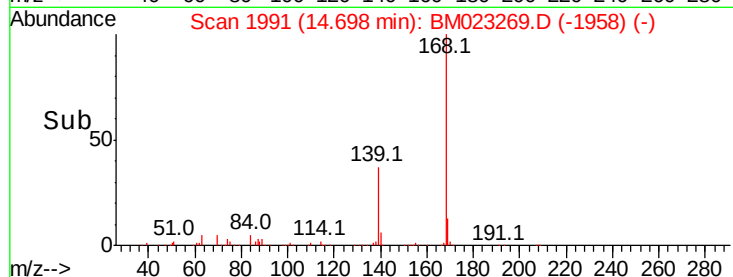
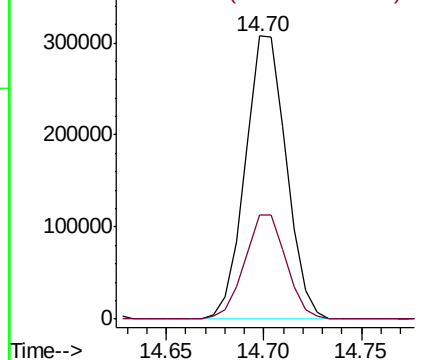
168 100

139 36.7 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 6.306 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BM023269.D

Acq: 18 Oct 2019 21:59

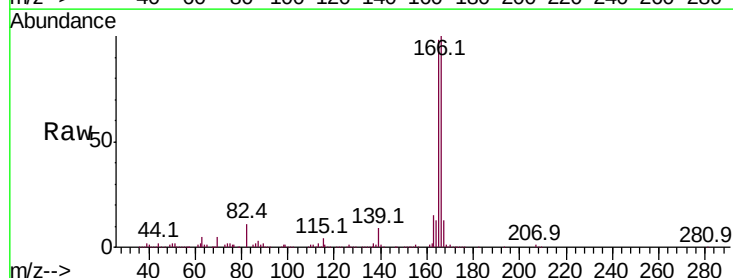
Tgt Ion:166 Resp: 435988

Ion Ratio Lower Upper

166 100

165 97.8 77.4 116.0

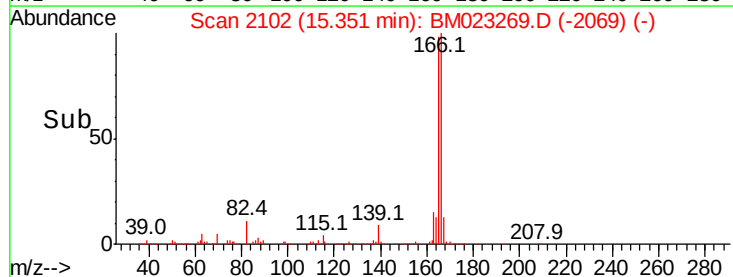
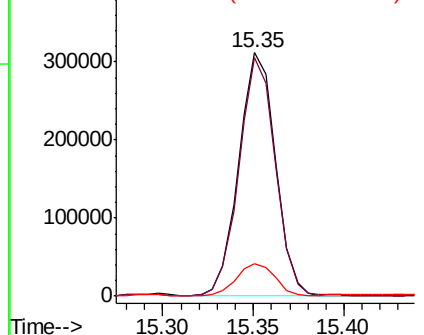
167 13.5 10.8 16.2

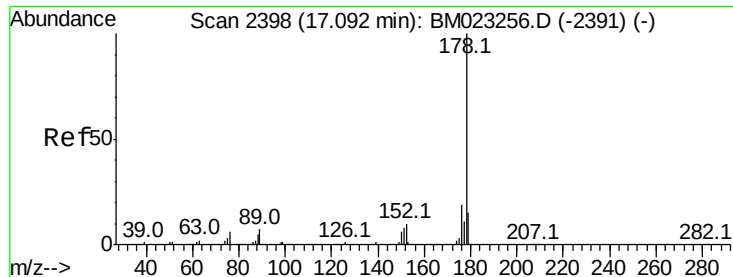


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

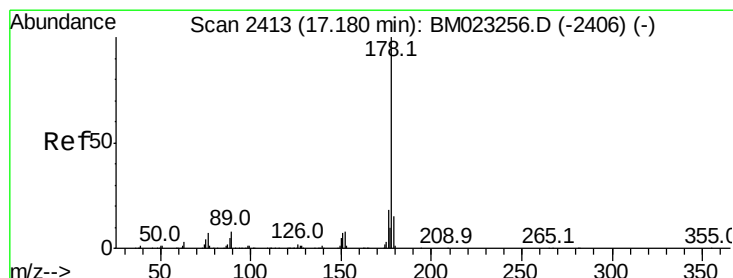
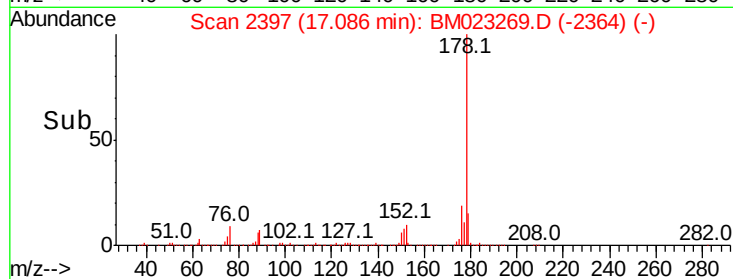
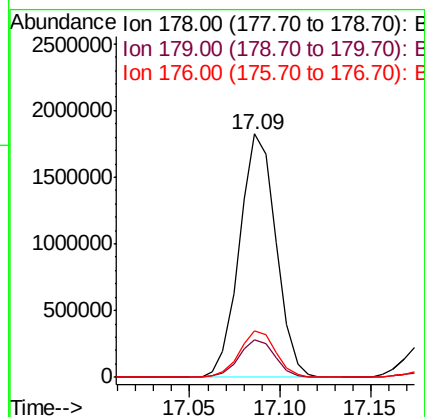
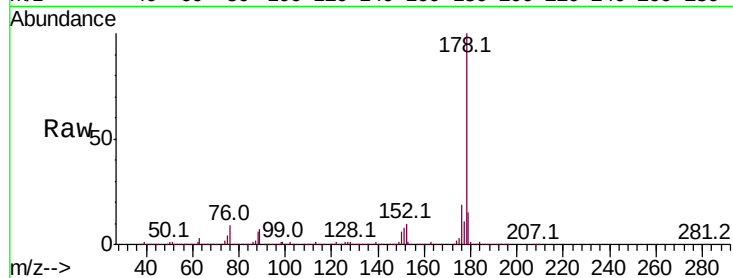




#70
Phenanthrene
Concen: 23.393 ng/ul
RT: 17.09 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM023269.D
Acq: 18 Oct 2019 21:59

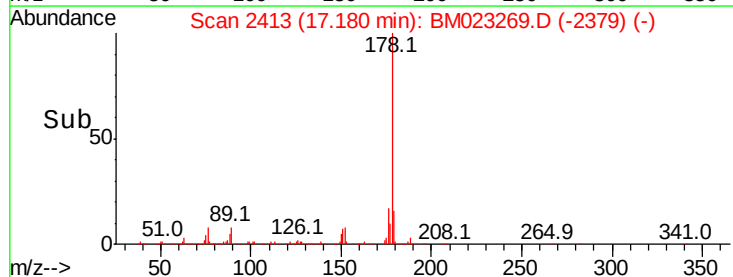
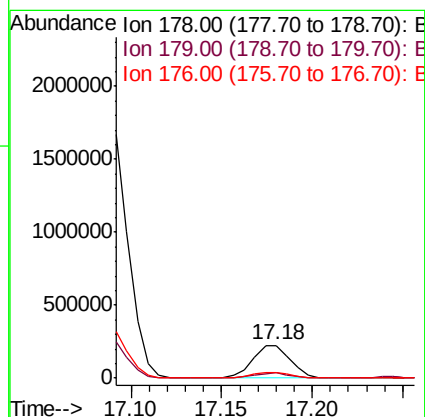
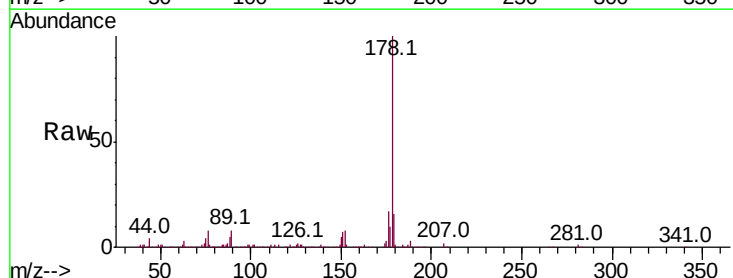
Instrument :
BNA_M
ClientSampleId :
ETOK5

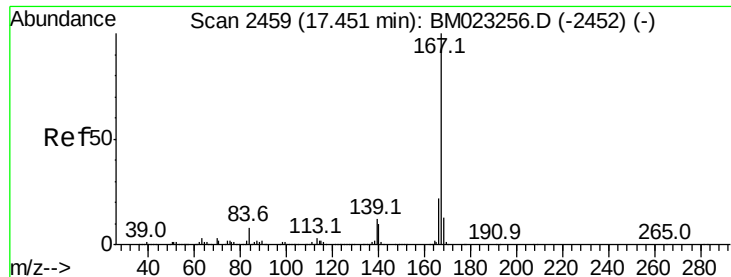
Tot Ion:178 Resp: 2546139
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.0 15.5 23.3



#72
Anthracene
Concen: 2.882 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM023269.D
Acq: 18 Oct 2019 21:59

Tgt Ion:178 Resp: 324152
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 17.1 15.0 22.4

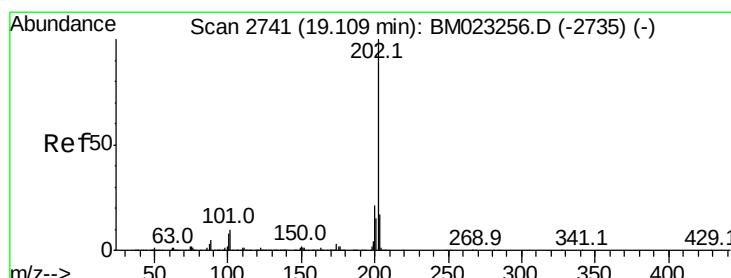
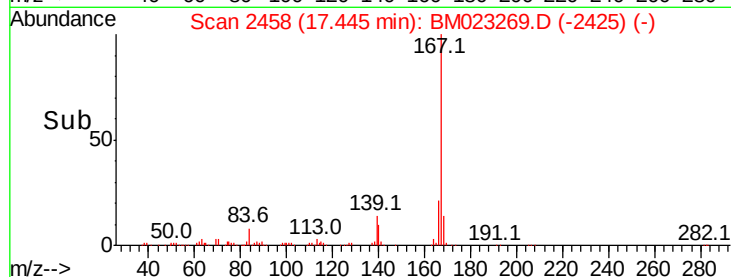
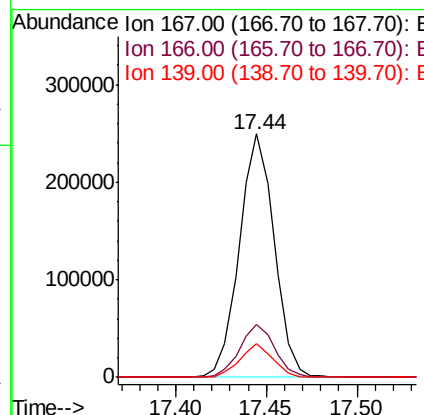
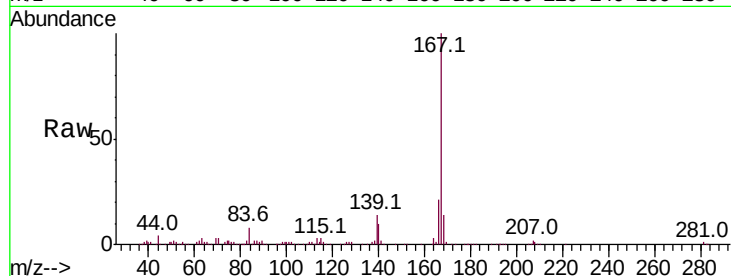




#75
 Carbazole
 Concen: 3.328 ng/ul
 RT: 17.44 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BM023269.D
 Acq: 18 Oct 2019 21:59

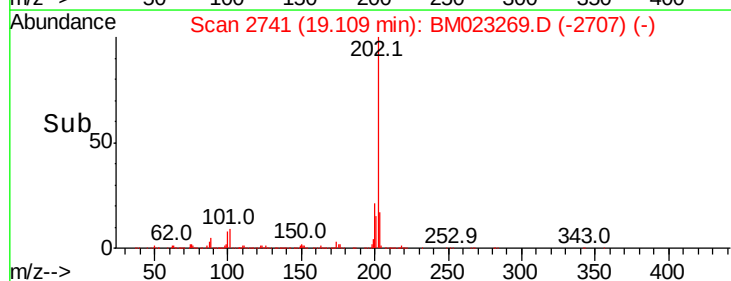
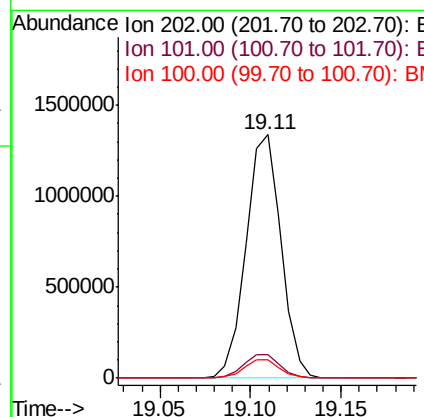
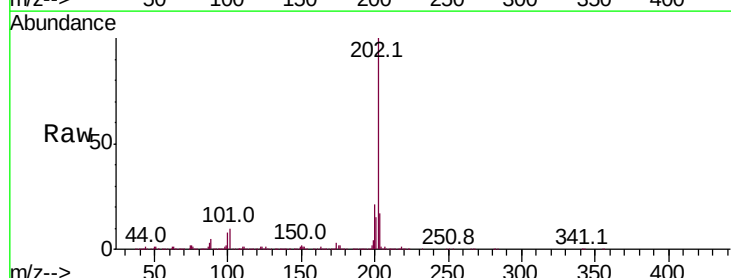
Instrument :
 BNA_M
 ClientSampleId :
 ETOK5

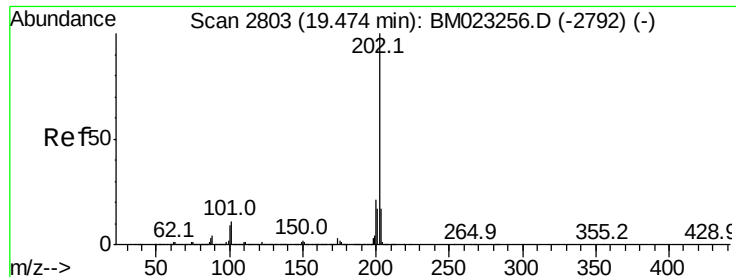
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	13.9	10.2	15.2



#77
 Fluoranthene
 Concen: 13.841 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.00 min
 Lab File: BM023269.D
 Acq: 18 Oct 2019 21:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.8	11.8
100	7.5	6.1	9.1

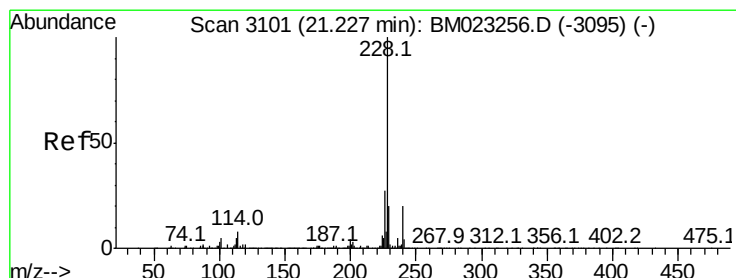
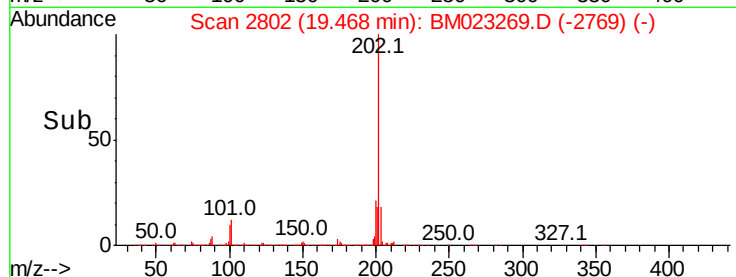
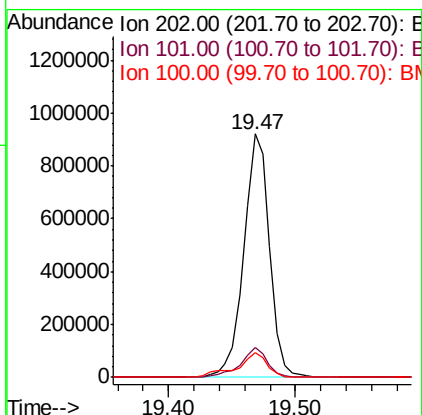
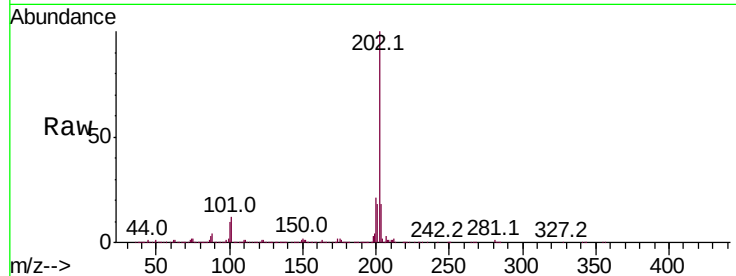




#80
Pvrene
Concen: 10.114 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BM023269.D
Acq: 18 Oct 2019 21:59

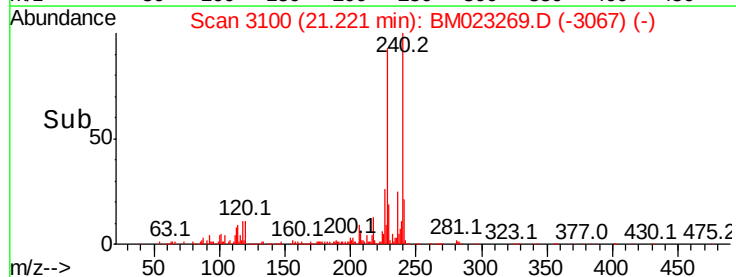
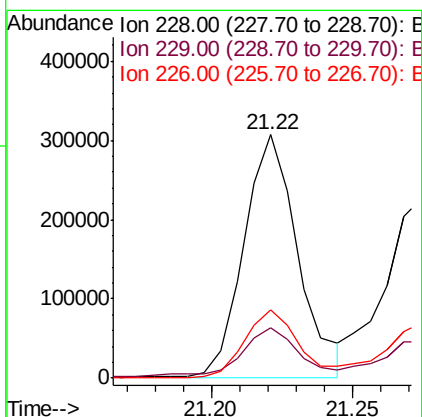
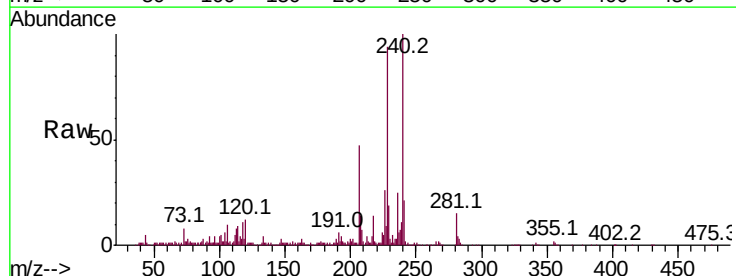
Instrument :
BNA_M
ClientSampleId :
ETOK5

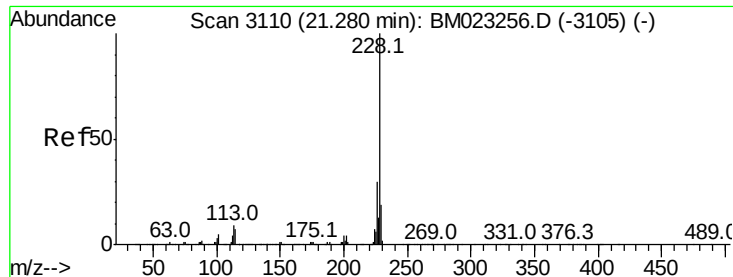
Tot Ion:202 Resp: 1293615
Ion Ratio Lower Upper
202 100
101 12.1 9.1 13.7
100 10.0 7.5 11.3



#83
Benzo(a)anthracene
Concen: 2.938 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM023269.D
Acq: 18 Oct 2019 21:59

Tgt Ion:228 Resp: 406449
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.8 21.6 32.4





#85

Chrysene

Concen: 2.477 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM023269.D

Acq: 18 Oct 2019 21:59

Instrument :

BNA_M

ClientSampled :

ETOK5

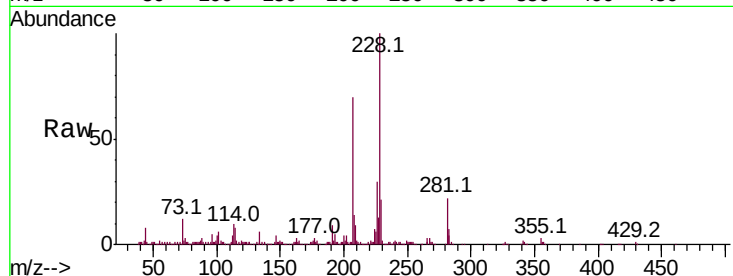
Tot Ion:228 Resp: 318135

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 20.9 15.5 23.3

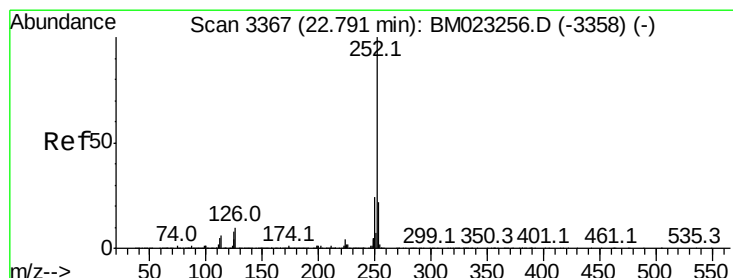
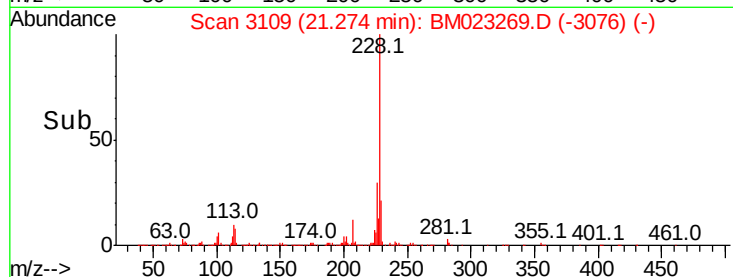
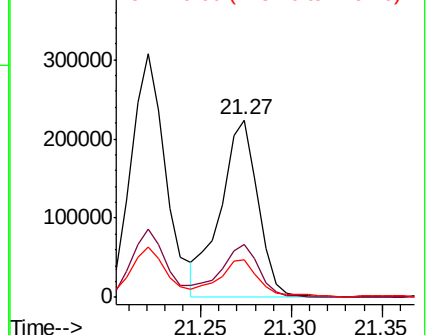


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 2.371 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BM023269.D

Acq: 18 Oct 2019 21:59

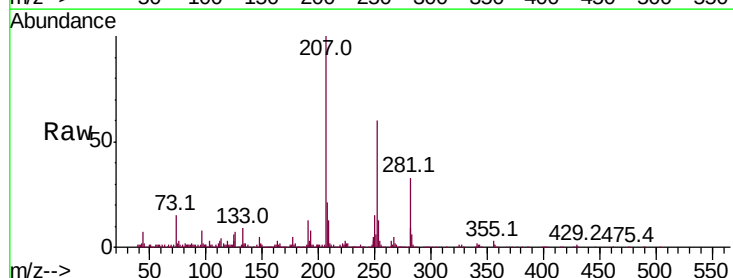
Tgt Ion:252 Resp: 348715

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 10.1 6.4 9.6#

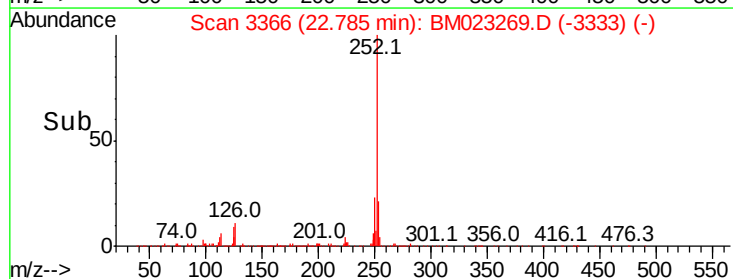
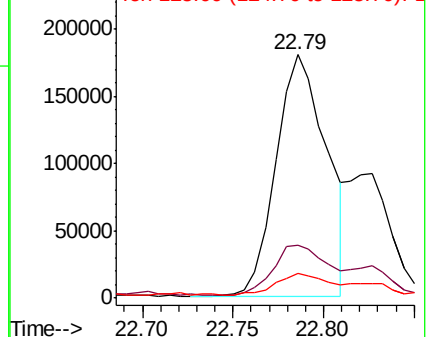


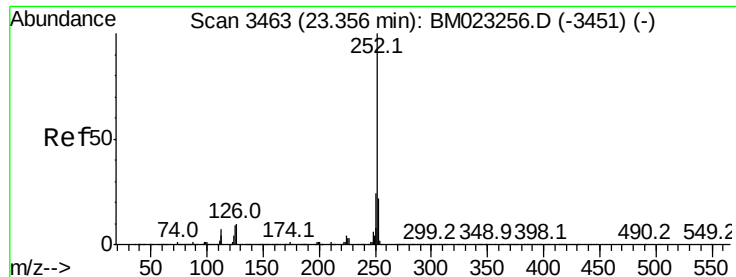
Abundance

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





#91

Benzo(a)pyrene

Concen: 1.721 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM023269.D

Acq: 18 Oct 2019 21:59

Instrument :

BNA_M

ClientSampleId :

ETOK5

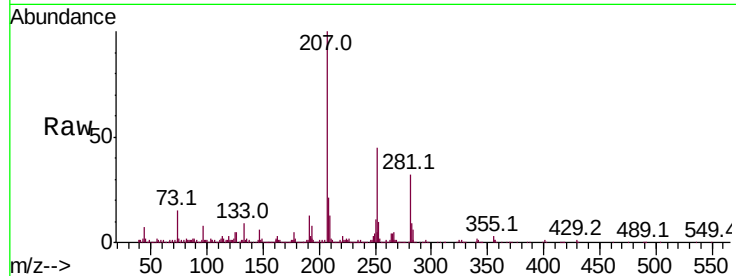
Tot Ion:252 Resp: 242798

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 11.1 7.4 11.0#



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

