

Data File : BM013447.D
Acq On : 15 Dec 2017 20:22
Operator : SJ/JU
Sample : I6801-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A32

Quant Time: Dec 16 00:23:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	210439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	871246	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	506471	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1076367	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	857075	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	777695	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	19124	4.50	ng/uL	0.00
5) Phenol-d5	6.86	99	497553	27.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	289302	27.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	394002	27.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	393701	25.31	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	205348	29.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	225128	30.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	415413	27.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	361003	25.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1386635	30.77	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1682361	30.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	173339	22.14	ng/ul	0.00
57) Fluorene-d10	15.32	176	1134950	29.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	167004	24.66	ng/ul	0.00
70) Anthracene-d10	17.17	188	1625585	30.16	ng/ul	0.00
76) Pyrene-d10	19.47	212	1583062	37.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1209366	30.53	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	6.88	94	54260	3.01	ng/ul#	88
44) Dimethylphthalate	13.78	163	370500	8.59	ng/ul#	98
68) Pentachlorophenol	16.72	266	9796	1.21	ng/ul	91
71) Anthracene	17.20	178	63203	1.01	ng/ul	95
74) Fluoranthene	19.13	202	512522	6.84	ng/ul#	93
77) Pyrene	19.49	202	661987	12.71	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	250829	4.61	ng/ul	96
82) Chrysene	21.30	228	387358	7.68	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	546925	10.43	ng/ul#	98
86) Benzo(k)fluoranthene	22.82	252	546925	11.09	ng/ul#	96
88) Benzo(a)pyrene	23.38	252	186413	3.96	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.70	276	148965	3.19	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.71	278	39818	1.00	ng/ul#	86
91) Benzo(g,h,i)perylene	26.39	276	128355	3.48	ng/ul#	93

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

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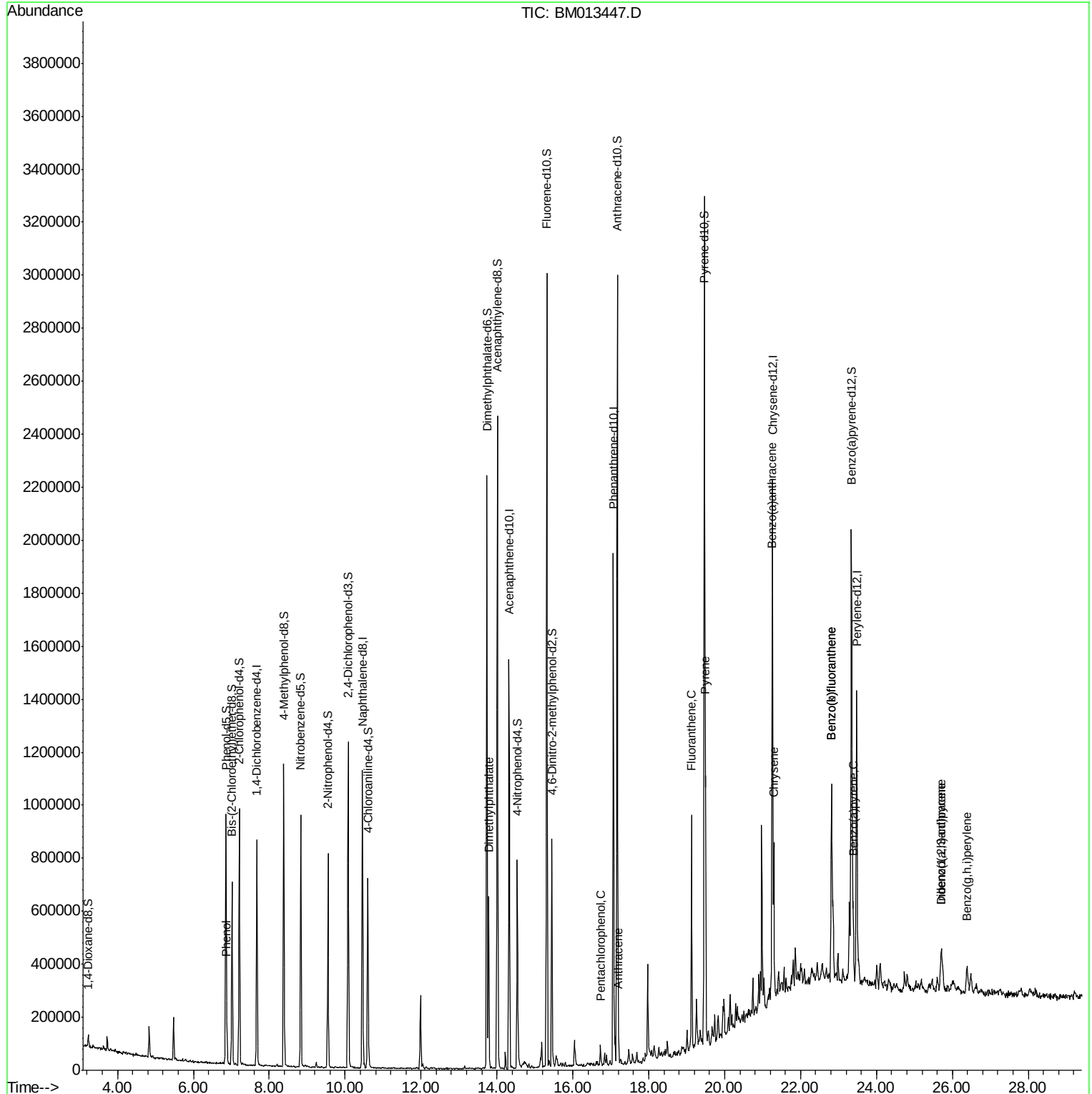
Quant Time: Dec 16 00:23:09 2017

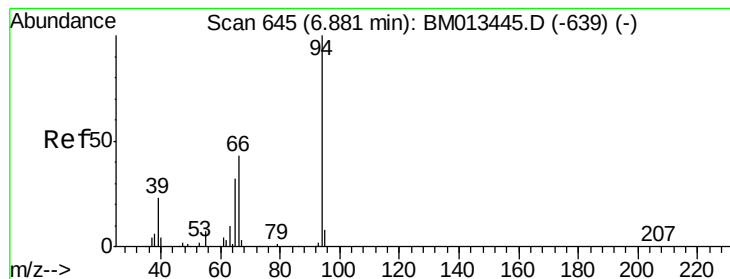
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration





#6

Phenol

Concen: 3.01 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013447.D

Acq: 15 Dec 2017 20:22

Instrument :

BNA_M

ClientSampleId :

F9A32

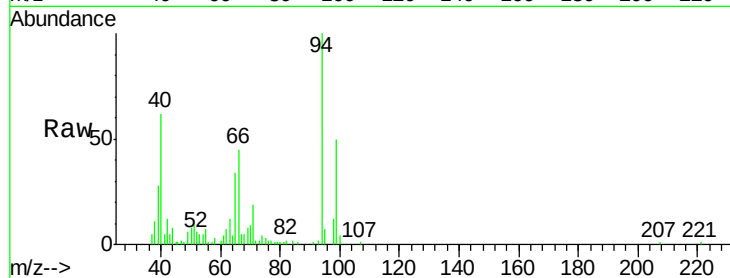
Tgt Ion: 94 Resp: 54260

Ion Ratio Lower Upper

94 100

65 33.6 28.2 42.4

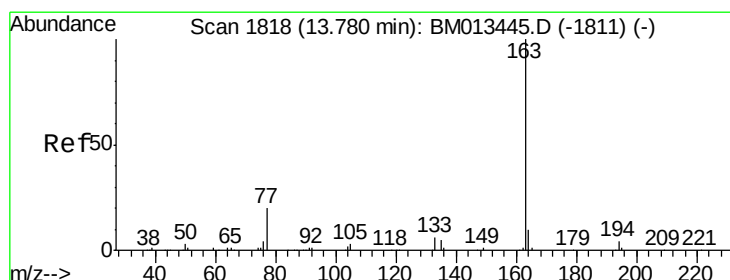
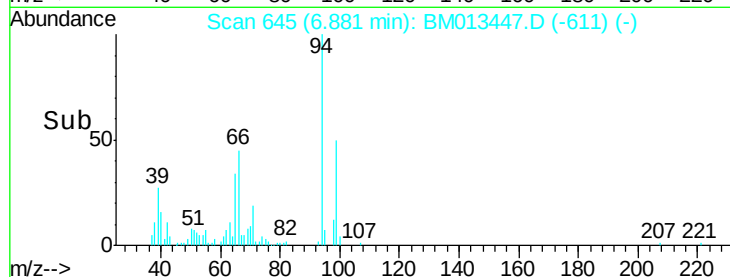
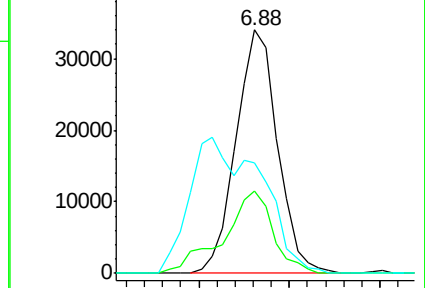
66 45.4 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013447.D (-611) (-)

Ion 65.00 (64.70 to 65.70): BM013447.D (-611) (-)

Ion 66.00 (65.70 to 66.70): BM013447.D (-611) (-)



#44

Dimethylphthalate

Concen: 8.59 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013447.D

Acq: 15 Dec 2017 20:22

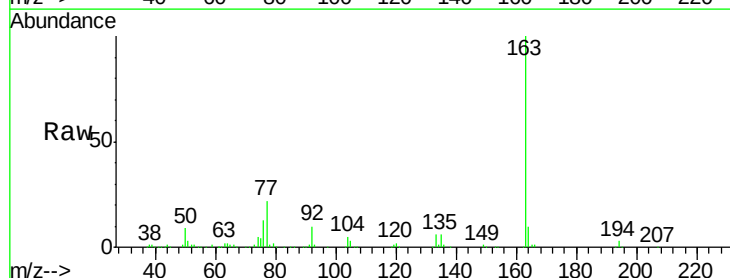
Tgt Ion: 163 Resp: 370500

Ion Ratio Lower Upper

163 100

194 3.4 3.5 5.3#

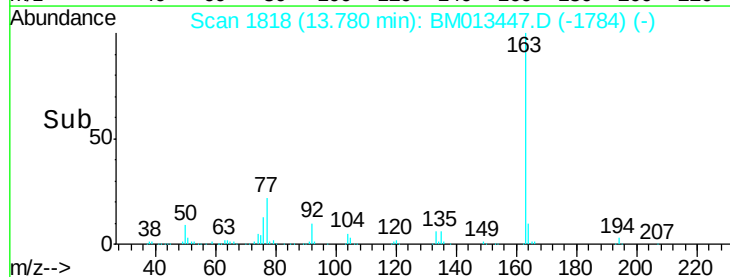
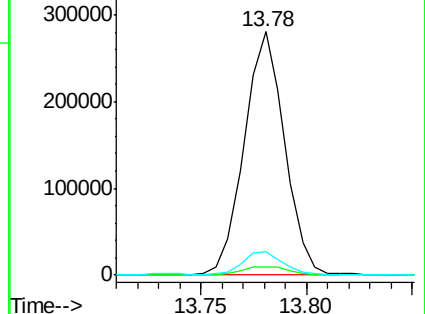
164 9.7 8.2 12.4

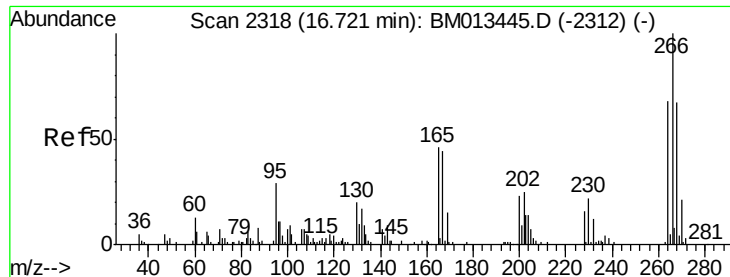


Abundance Ion 163.00 (162.70 to 163.70): BM013447.D (-1784) (-)

Ion 194.00 (193.70 to 194.70): BM013447.D (-1784) (-)

Ion 164.00 (163.70 to 164.70): BM013447.D (-1784) (-)

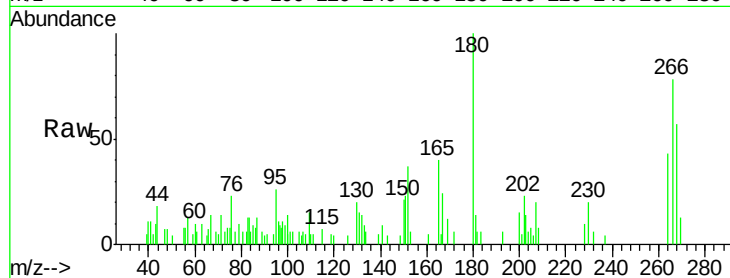




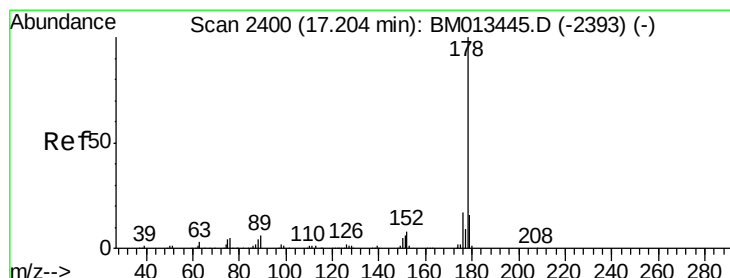
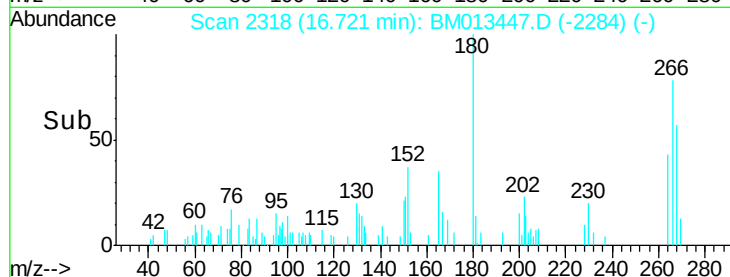
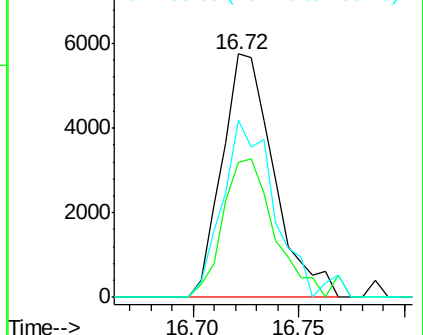
#68
 Pentachlorophenol
 Concen: 1.21 ng/ul
 RT: 16.72 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM013447.D
 Acq: 15 Dec 2017 20:22

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Tgt Ion:266 Resp: 9796
 Ion Ratio Lower Upper
 266 100
 264 55.3 49.3 73.9
 268 73.0 52.6 78.8

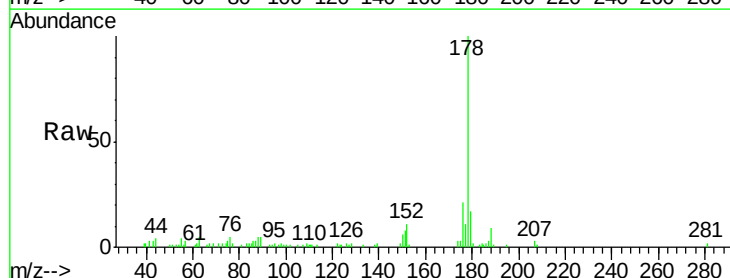


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

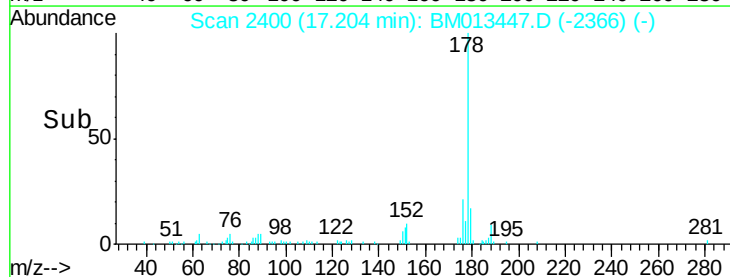
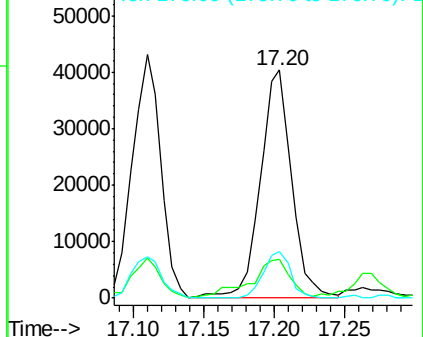


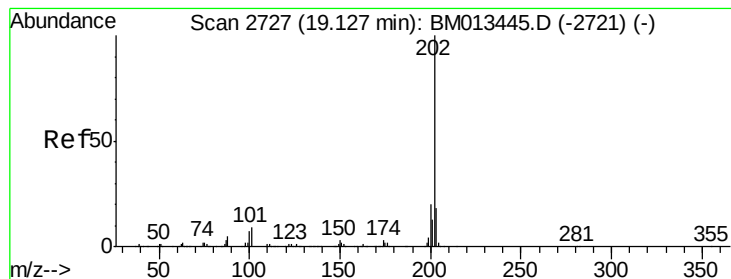
#71
 Anthracene
 Concen: 1.01 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BM013447.D
 Acq: 15 Dec 2017 20:22

Tgt Ion:178 Resp: 63203
 Ion Ratio Lower Upper
 178 100
 179 16.9 11.7 17.5
 176 20.5 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: 6.84 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013447.D

Acq: 15 Dec 2017 20:22

Instrument :

BNA_M

ClientSampleId :

F9A32

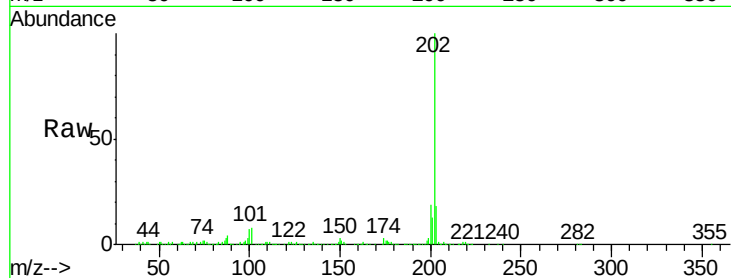
Tgt Ion:202 Resp: 512522

Ion Ratio Lower Upper

202 100

101 8.2 4.6 7.0#

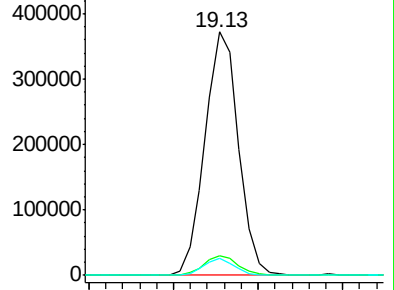
100 6.8 3.4 5.2#



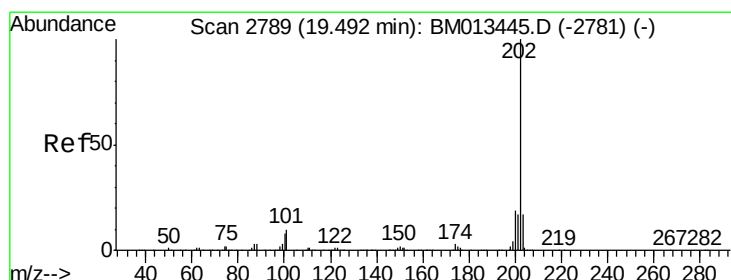
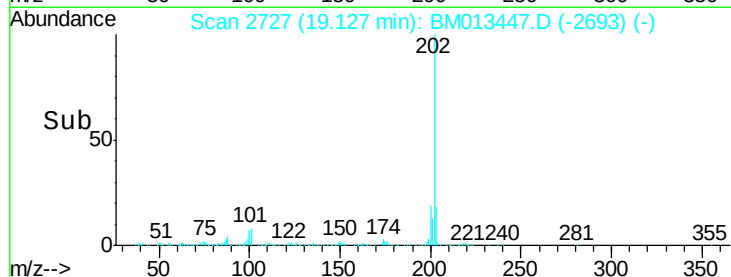
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.05 19.10 19.15 19.20



#77

Pyrene

Concen: 12.71 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013447.D

Acq: 15 Dec 2017 20:22

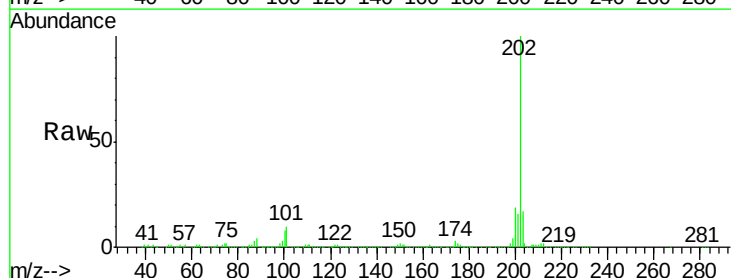
Tgt Ion:202 Resp: 661987

Ion Ratio Lower Upper

202 100

101 10.1 5.1 7.7#

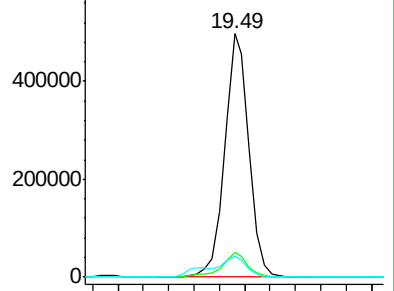
100 8.5 4.9 7.3#



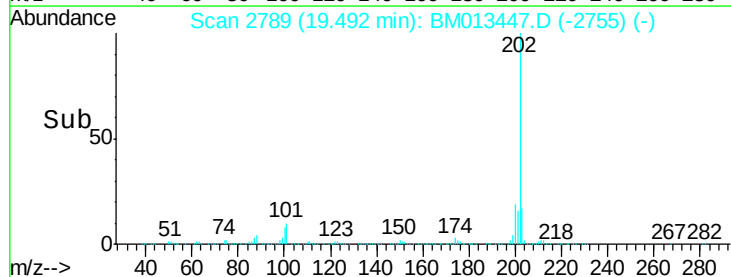
Abundance Ion 202.00 (201.70 to 202.70): E

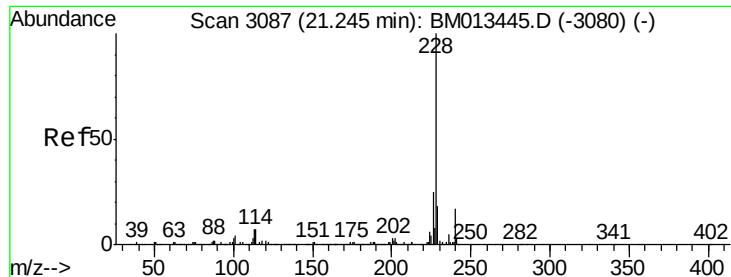
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.40 19.50





#80

Benzo(a)anthracene

Concen: 4.61 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013447.D

Acq: 15 Dec 2017 20:22

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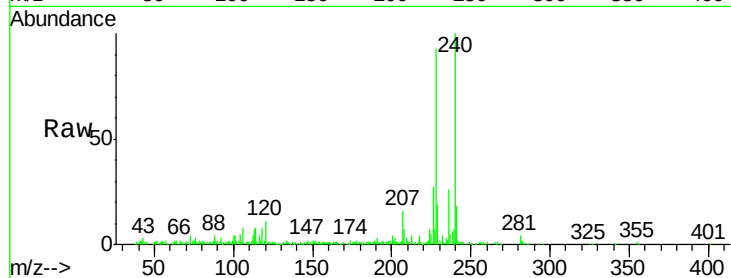
Tgt Ion:228 Resp: 250829

Ion Ratio Lower Upper

228 100

229 20.5 15.4 23.0

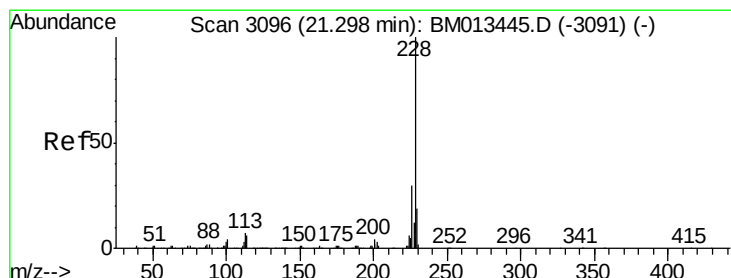
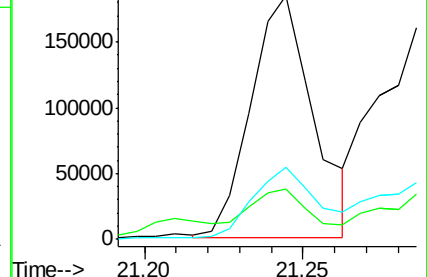
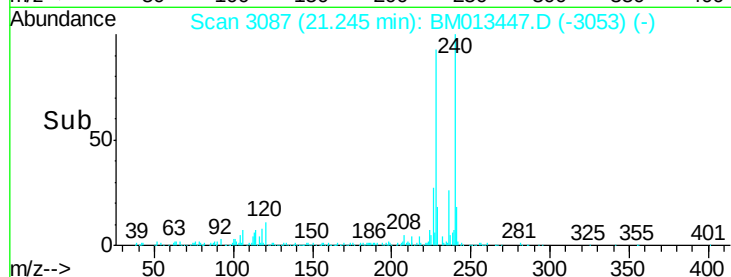
226 29.5 21.4 32.0



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: 7.68 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013447.D

Acq: 15 Dec 2017 20:22

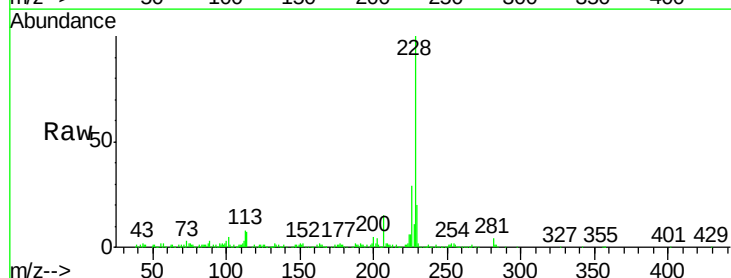
Tgt Ion:228 Resp: 387358

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

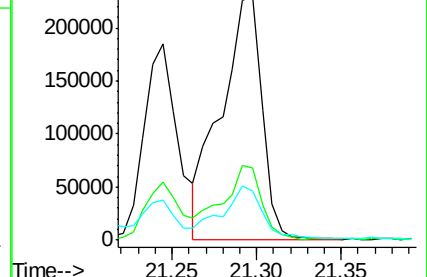
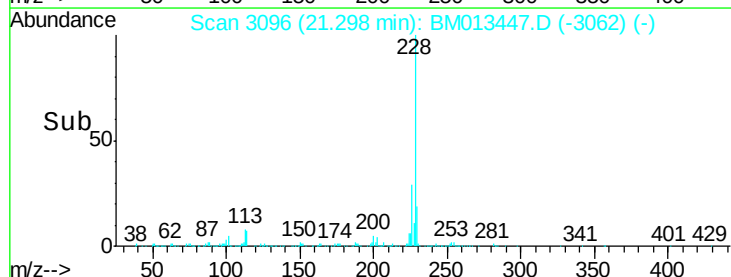
229 19.9 15.5 23.3

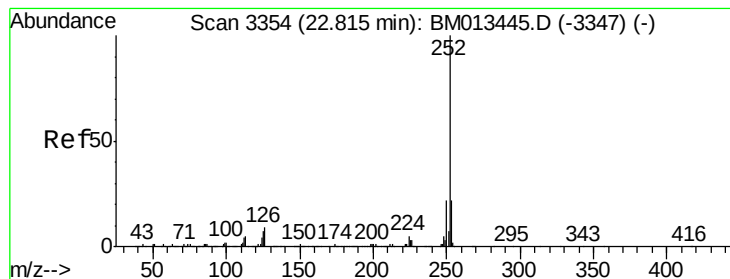


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 10.43 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013447.D

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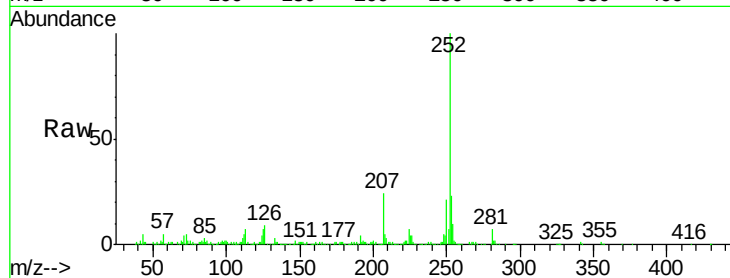
Tgt Ion:252 Resp: 546925

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

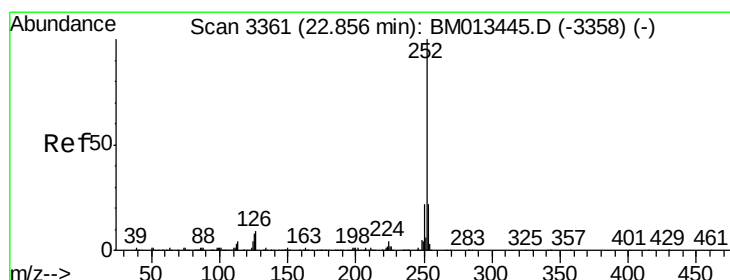
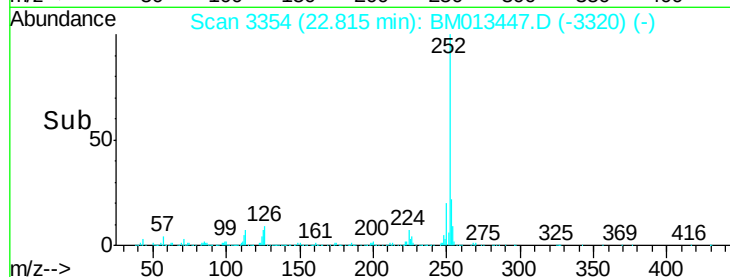
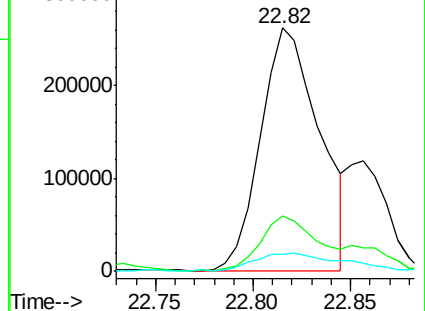
125 7.1 3.6 5.4#



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: 11.09 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BM013447.D

Acq: 15 Dec 2017 20:22

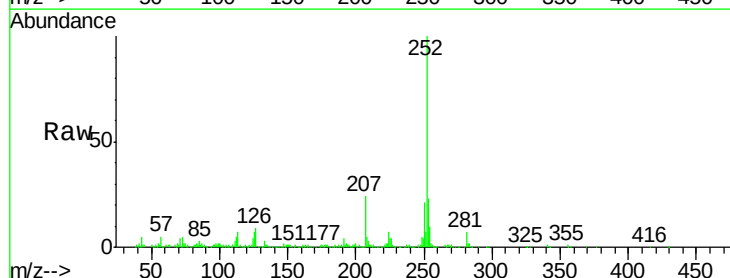
Tgt Ion:252 Resp: 546925

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

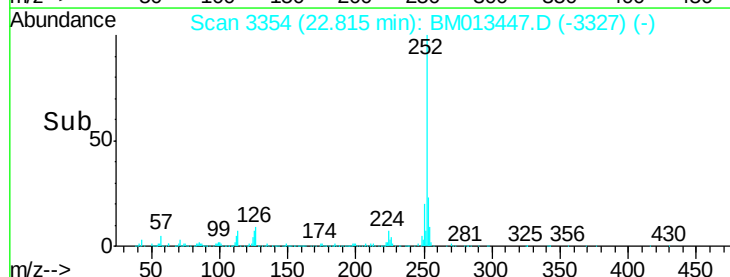
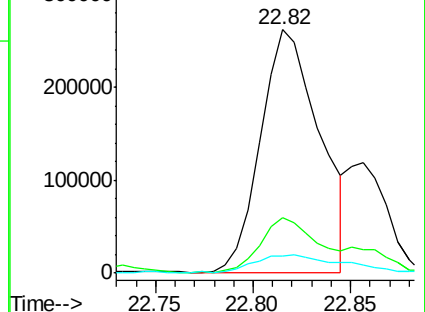
125 7.1 3.4 5.2#

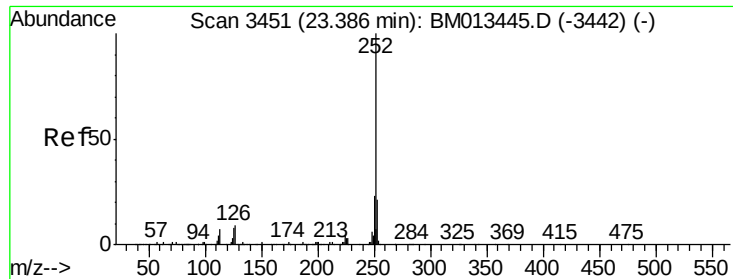


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.96 ng/ul

RT: 23.38 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM013447.D

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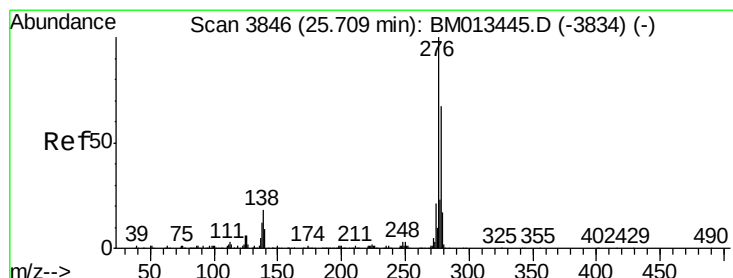
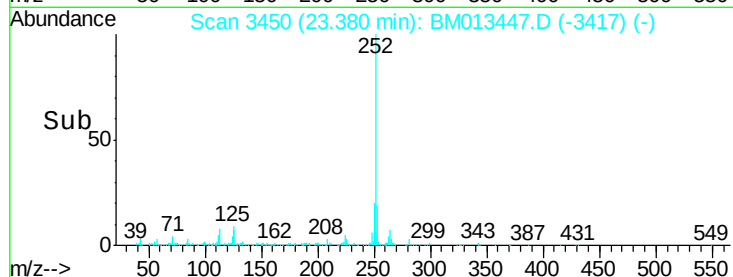
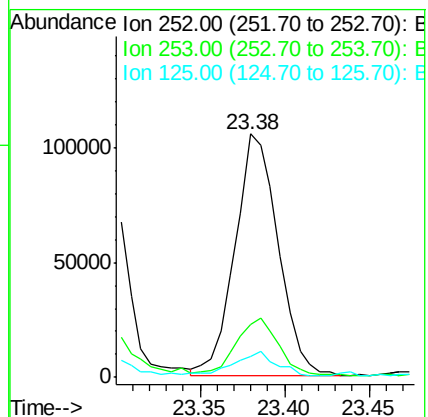
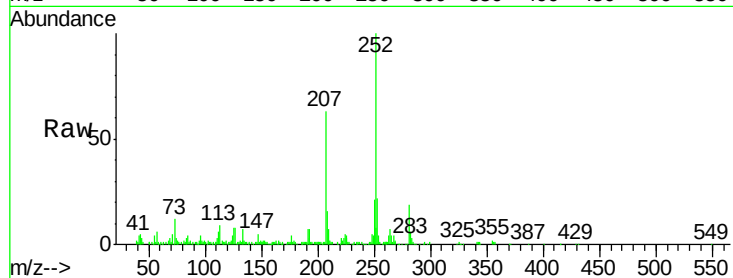
Tgt Ion:252 Resp: 186413

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 8.4 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.19 ng/ul

RT: 25.70 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM013447.D

Acq: 15 Dec 2017 20:22

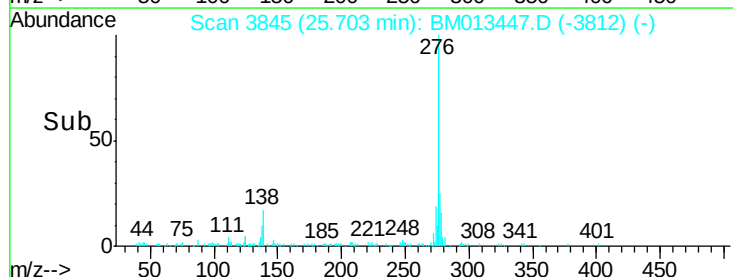
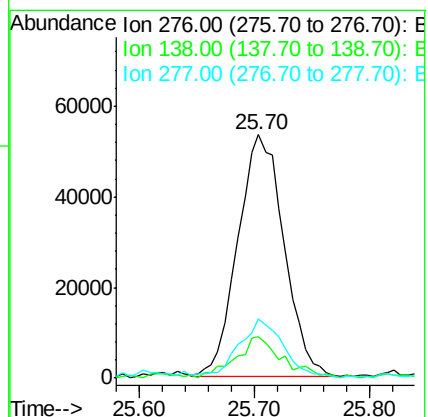
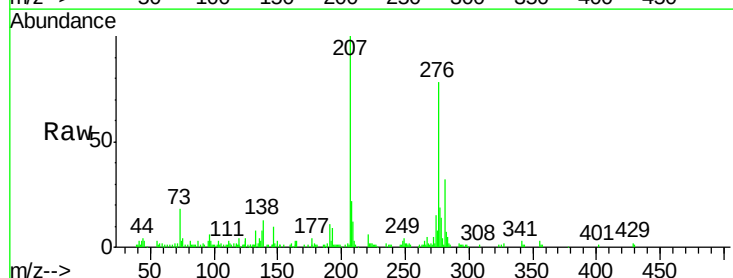
Tgt Ion:276 Resp: 148965

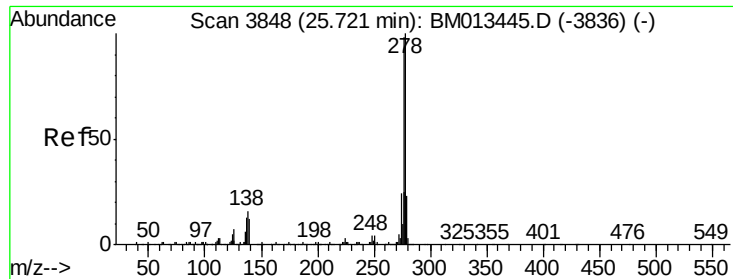
Ion Ratio Lower Upper

276 100

138 17.0 9.3 13.9#

277 24.1 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.00 ng/ul

RT: 25.71 min Scan# 3846

Delta R.T. -0.01 min

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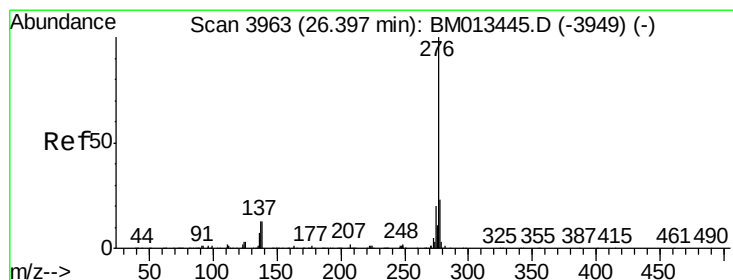
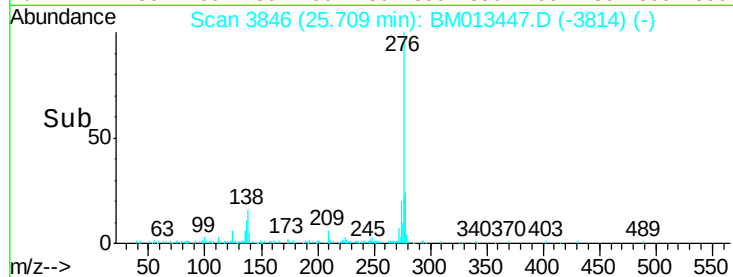
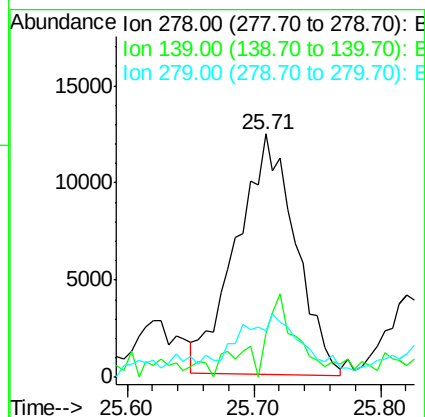
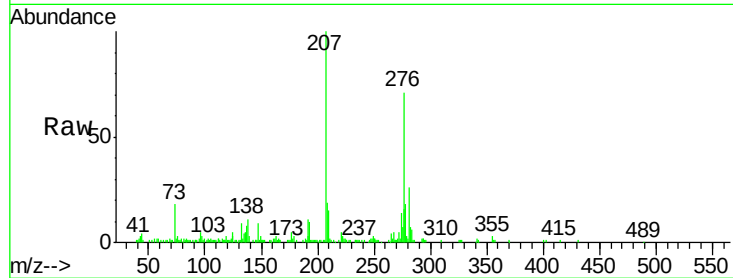
Tgt Ion:278 Resp: 39818

Ion Ratio Lower Upper

278 100

139 18.1 5.8 8.8#

279 19.2 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 3.48 ng/ul

RT: 26.39 min Scan# 3962

Delta R.T. -0.01 min

Lab File: BM013447.D

Acq: 15 Dec 2017 20:22

Tgt Ion:276 Resp: 128355

Ion Ratio Lower Upper

276 100

138 14.9 8.5 12.7#

277 25.4 18.6 28.0

