

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014744.D
 Acq On : 19 Apr 2018 21:30
 Operator : SJ/JU
 Sample : J2434-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Quant Time: Apr 20 02:20:44 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 01:26:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	308601	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1327258	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	704331	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1473055	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1418972	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1441244	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	34246	4.85	ng/uL	0.00
5) Phenol-d5	7.66	99	634358	26.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	433291	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	536072	26.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	508706	26.74	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	250028	26.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	243932	25.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	493826	25.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	668057	34.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1502161	27.32	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	1897816	27.95	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	196167	19.22	ng/ul	0.00
57) Fluorene-d10	16.12	176	1301530	27.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	142738	17.91	ng/ul	0.00
70) Anthracene-d10	17.96	188	1879534	27.38	ng/ul	0.00
76) Pyrene-d10	20.19	212	2019069	30.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1960218	27.68	ng/ul	0.00

Target Compounds

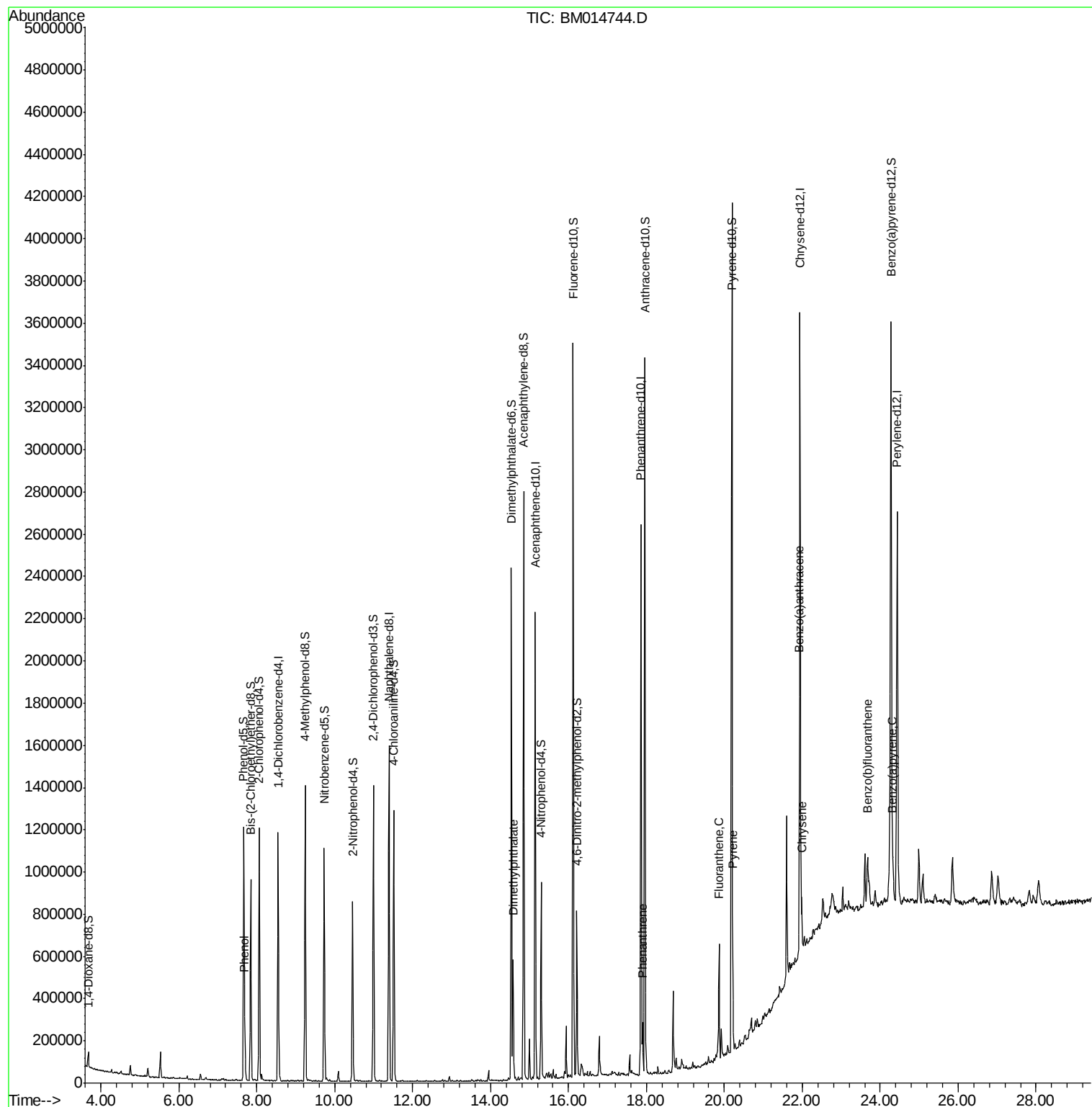
				Ovalue	
6) Phenol	7.69	94	98698	4.205	ng/ul# 80
44) Dimethylphthalate	14.58	163	333105	6.267	ng/ul 100
69) Phenanthrene	17.90	178	136387	1.724	ng/ul 99
74) Fluoranthene	19.86	202	313666	3.637	ng/ul# 82
77) Pyrene	20.22	202	272071	3.282	ng/ul# 76
80) Benzo(a)anthracene	21.92	228	157072	1.893	ng/ul 98
82) Chrysene	21.98	228	144366	1.858	ng/ul 97
85) Benzo(b)fluoranthene	23.67	252	198425	2.335	ng/ul# 93
88) Benzo(a)pyrene	24.33	252	134494	1.669	ng/ul# 93

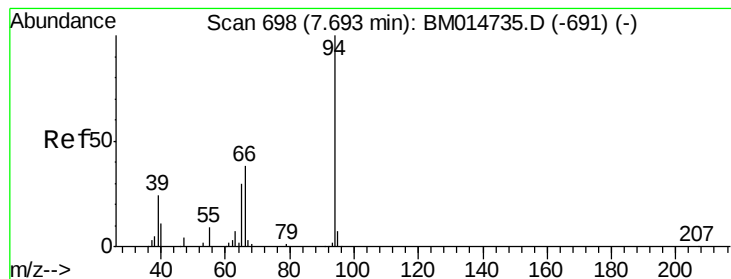
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.205 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM014744.D

Acq: 19 Apr 2018 21:30

Instrument :

BNA_M

ClientSampleId :

C0AC9

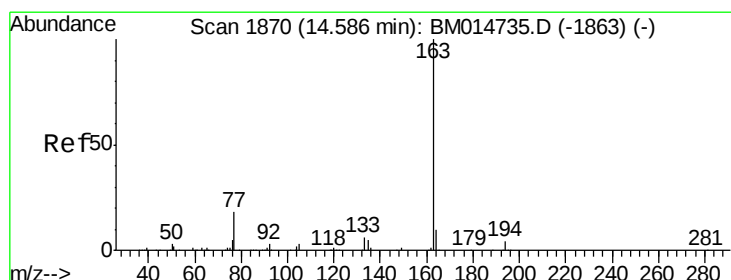
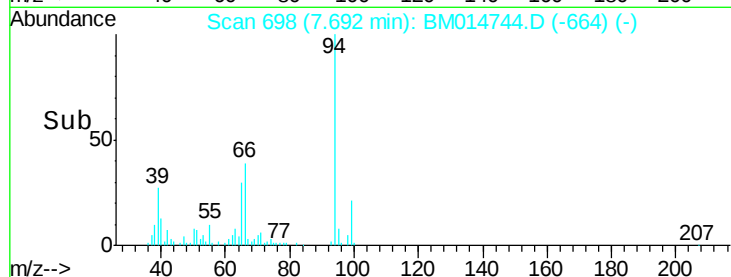
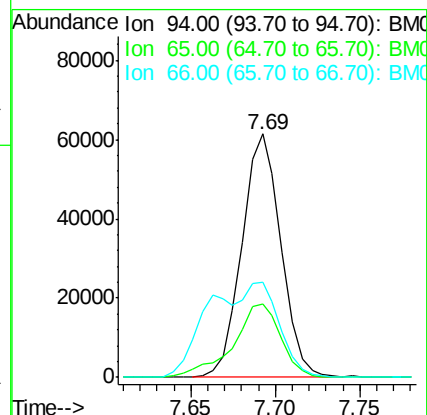
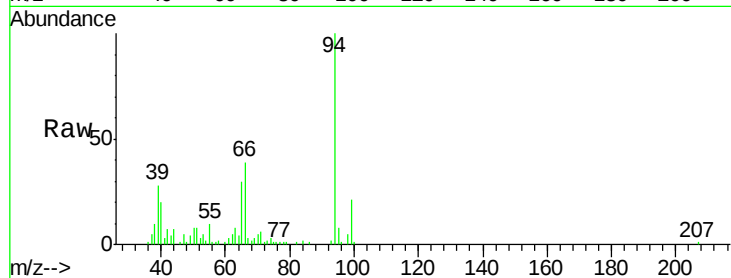
Tot Ion: 94 Resp: 98698

Ion Ratio Lower Upper

94 100

65 30.4 28.2 42.4

66 39.0 47.2 70.8#



#44

Dimethylphthalate

Concen: 6.267 ng/ul

RT: 14.58 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM014744.D

Acq: 19 Apr 2018 21:30

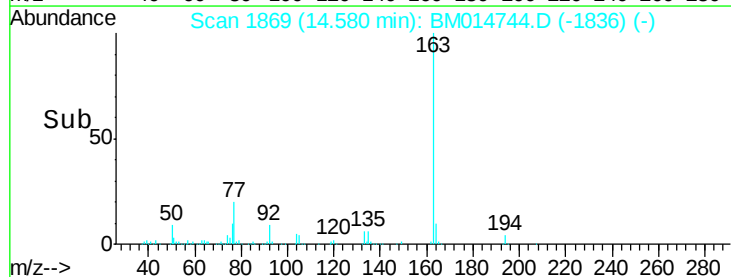
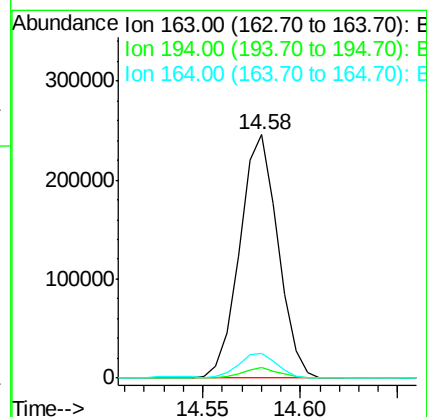
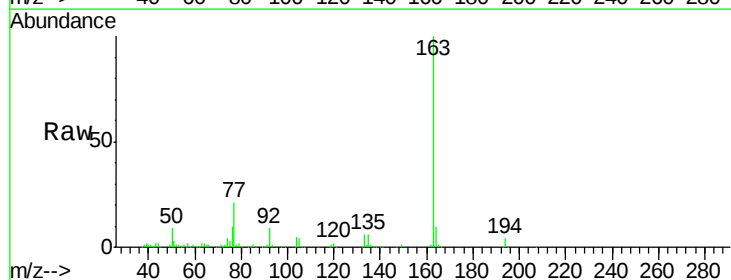
Tgt Ion: 163 Resp: 333105

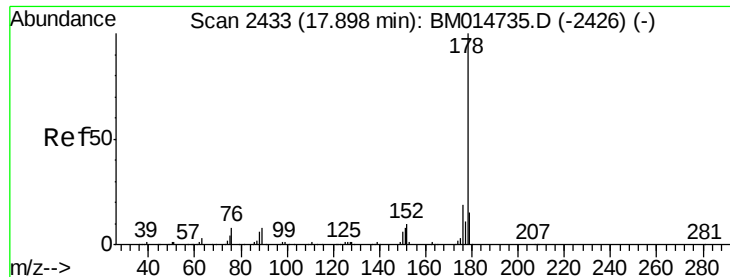
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.3 8.2 12.4





#69

Phenanthrene

Concen: 1.724 ng/ul

RT: 17.90 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BM014744.D

Acq: 19 Apr 2018 21:30

Instrument :

BNA_M

ClientSampleId :

C0AC9

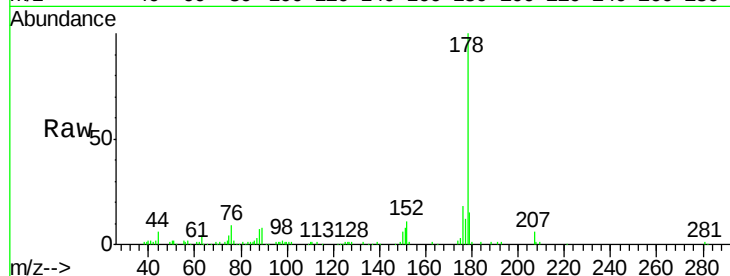
Tot Ion:178 Resp: 136387

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

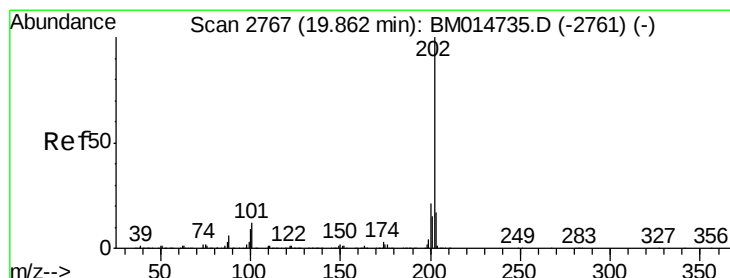
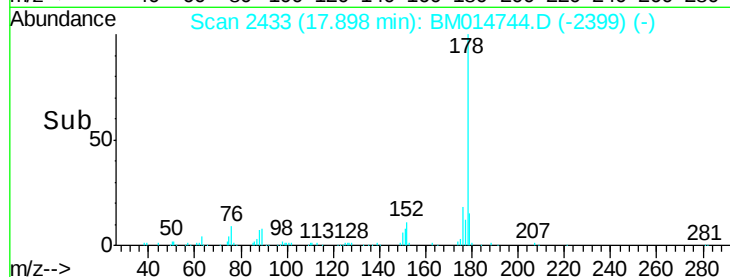
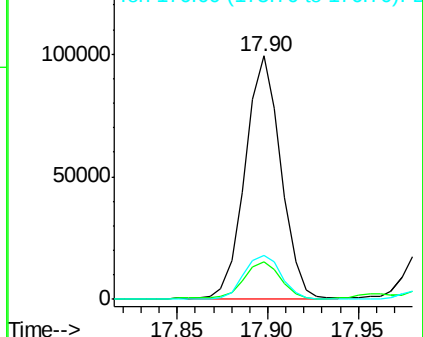
176 18.0 14.9 22.3



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



#74

Fluoranthene

Concen: 3.637 ng/ul

RT: 19.86 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BM014744.D

Acq: 19 Apr 2018 21:30

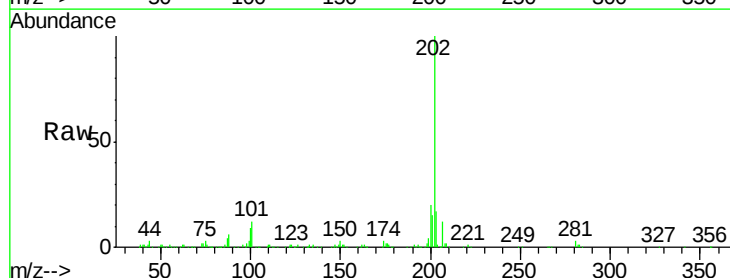
Tgt Ion:202 Resp: 313666

Ion Ratio Lower Upper

202 100

101 12.3 4.6 7.0#

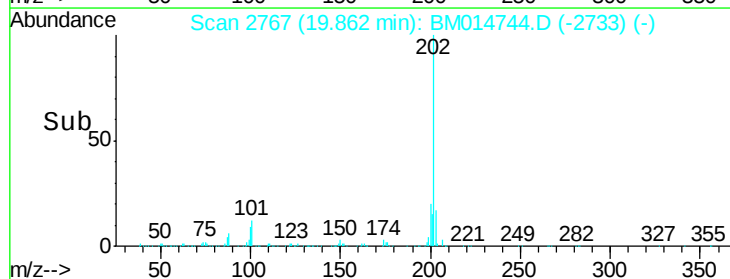
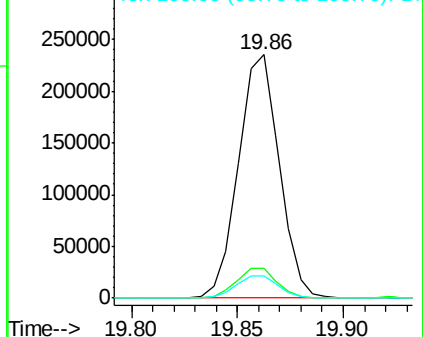
100 9.3 3.4 5.2#

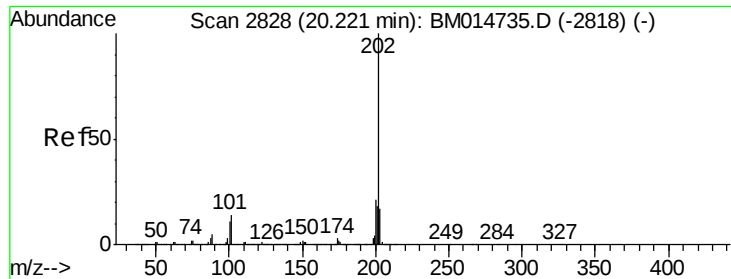


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.282 ng/ul

RT: 20.22 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM014744.D

Acq: 19 Apr 2018 21:30

Instrument :

BNA_M

ClientSampleId :

C0AC9

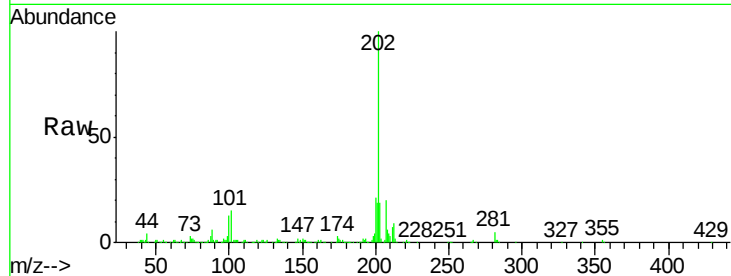
Tot Ion:202 Resp: 272071

Ion Ratio Lower Upper

202 100

101 15.5 5.1 7.7#

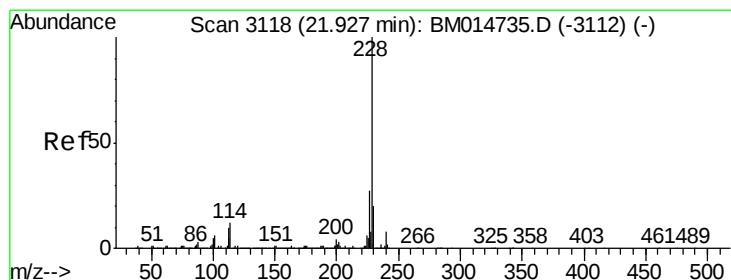
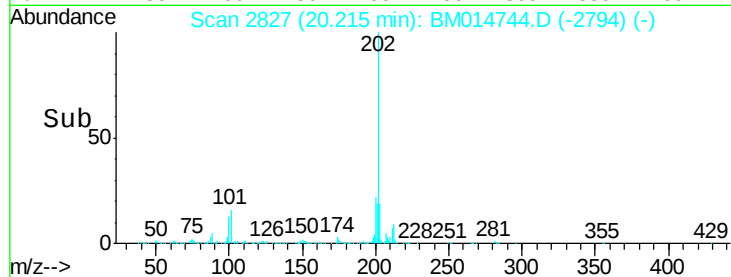
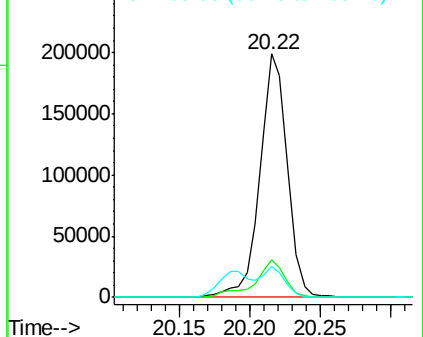
100 13.0 4.9 7.3#



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: 1.893 ng/ul

RT: 21.92 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM014744.D

Acq: 19 Apr 2018 21:30

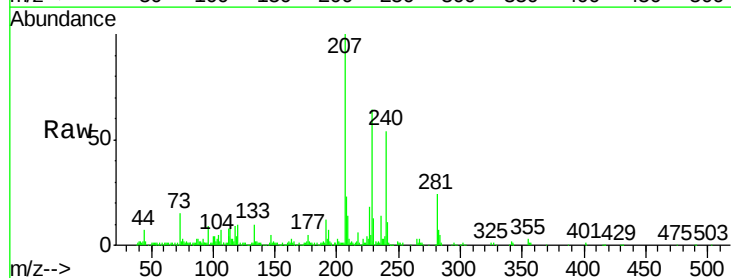
Tgt Ion:228 Resp: 157072

Ion Ratio Lower Upper

228 100

229 20.5 15.4 23.0

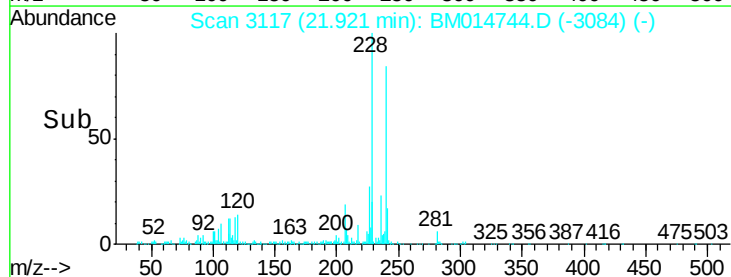
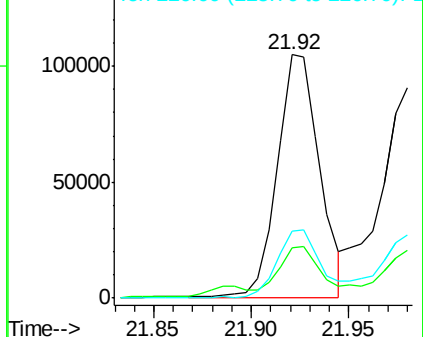
226 27.3 21.4 32.0

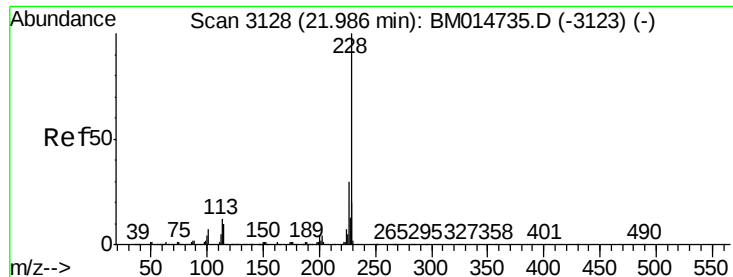


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.858 ng/ul

RT: 21.98 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM014744.D

Acq: 19 Apr 2018 21:30

Instrument :

BNA_M

ClientSampleId :

C0AC9

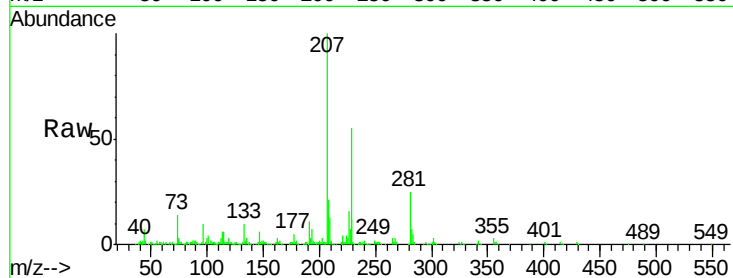
Tot Ion:228 Resp: 144366

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

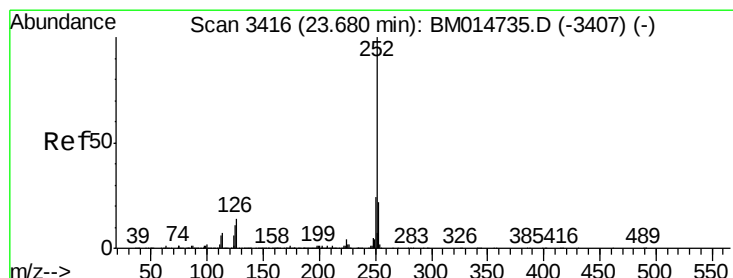
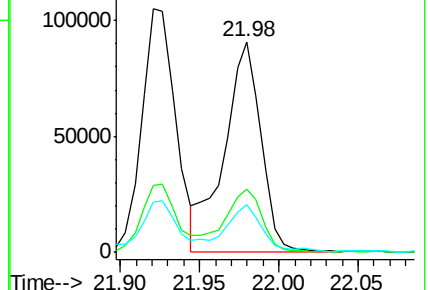
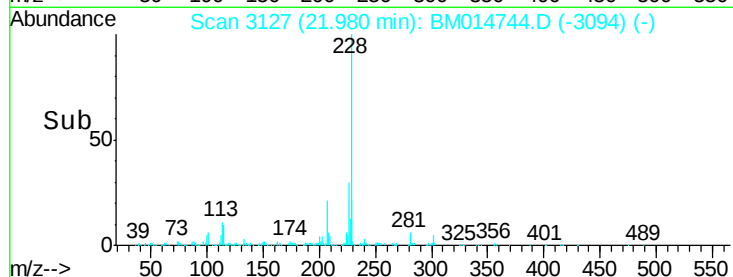
229 22.5 15.5 23.3



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: 2.335 ng/ul

RT: 23.67 min Scan# 3415

Delta R.T. -0.01 min

Lab File: BM014744.D

Acq: 19 Apr 2018 21:30

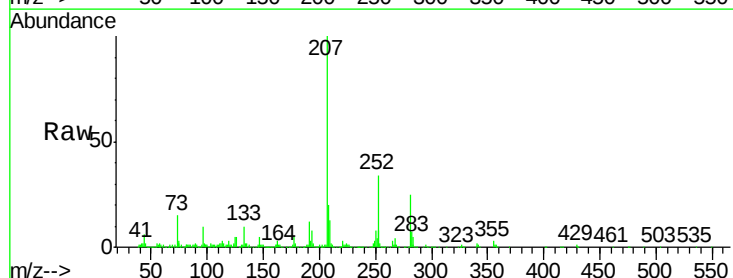
Tgt Ion:252 Resp: 198425

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

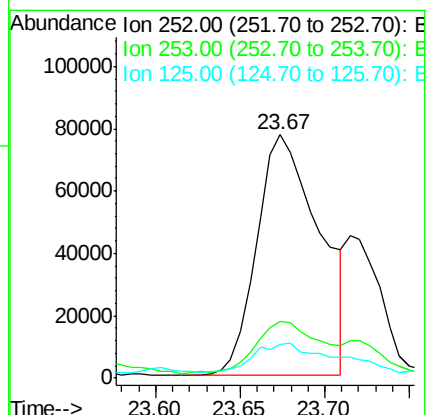
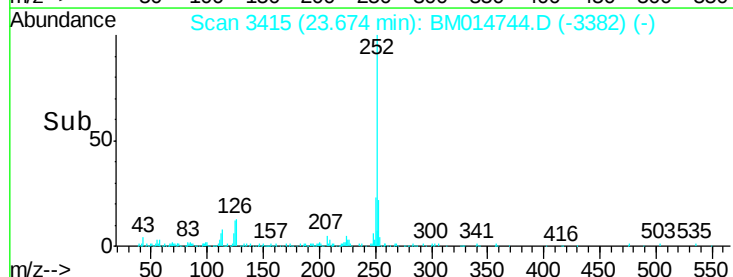
125 13.7 3.6 5.4#

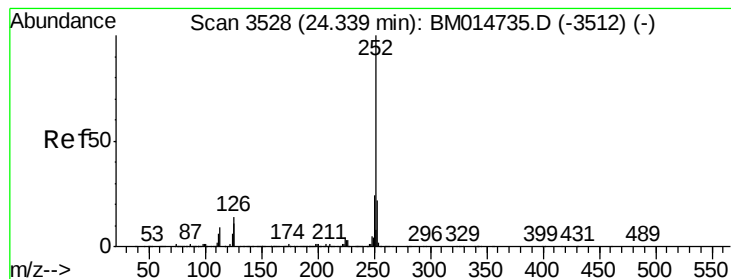


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.669 ng/ul

RT: 24.33 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BM014744.D

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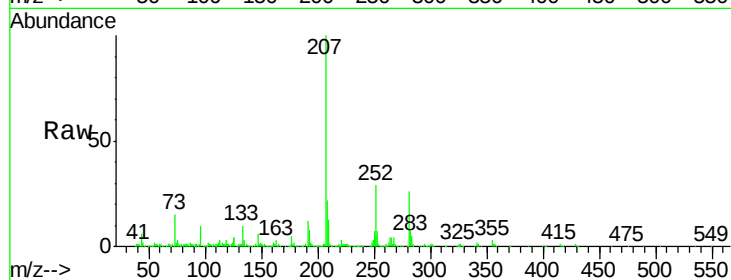
Tot Ion:252 Resp: 134494

Ion Ratio Lower Upper

252 100

253 24.1 18.2 27.2

125 13.1 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

