

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014953.D
 Acq On : 03 May 2018 21:21
 Operator : SJ/JU
 Sample : J2554-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG1

Quant Time: May 04 05:45:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 05:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	371325	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1503398	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	730647	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1424828	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1364233	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1469303	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	32998	3.88	ng/uL	0.00
5) Phenol-d5	7.62	99	830966	28.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	547417	29.74	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	665009	27.69	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	556875	24.33	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	316946	29.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	331602	30.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	610512	27.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	692595	31.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1915670	33.59	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2239888	31.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	307463	29.05	ng/ul	0.00
57) Fluorene-d10	16.07	176	1624646	32.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.17	200	218423	28.33	ng/ul	0.00
70) Anthracene-d10	17.91	188	2337811	35.21	ng/ul	0.00
76) Pyrene-d10	20.15	212	2437593	37.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	2778589	38.49	ng/ul	0.00

Target Compounds

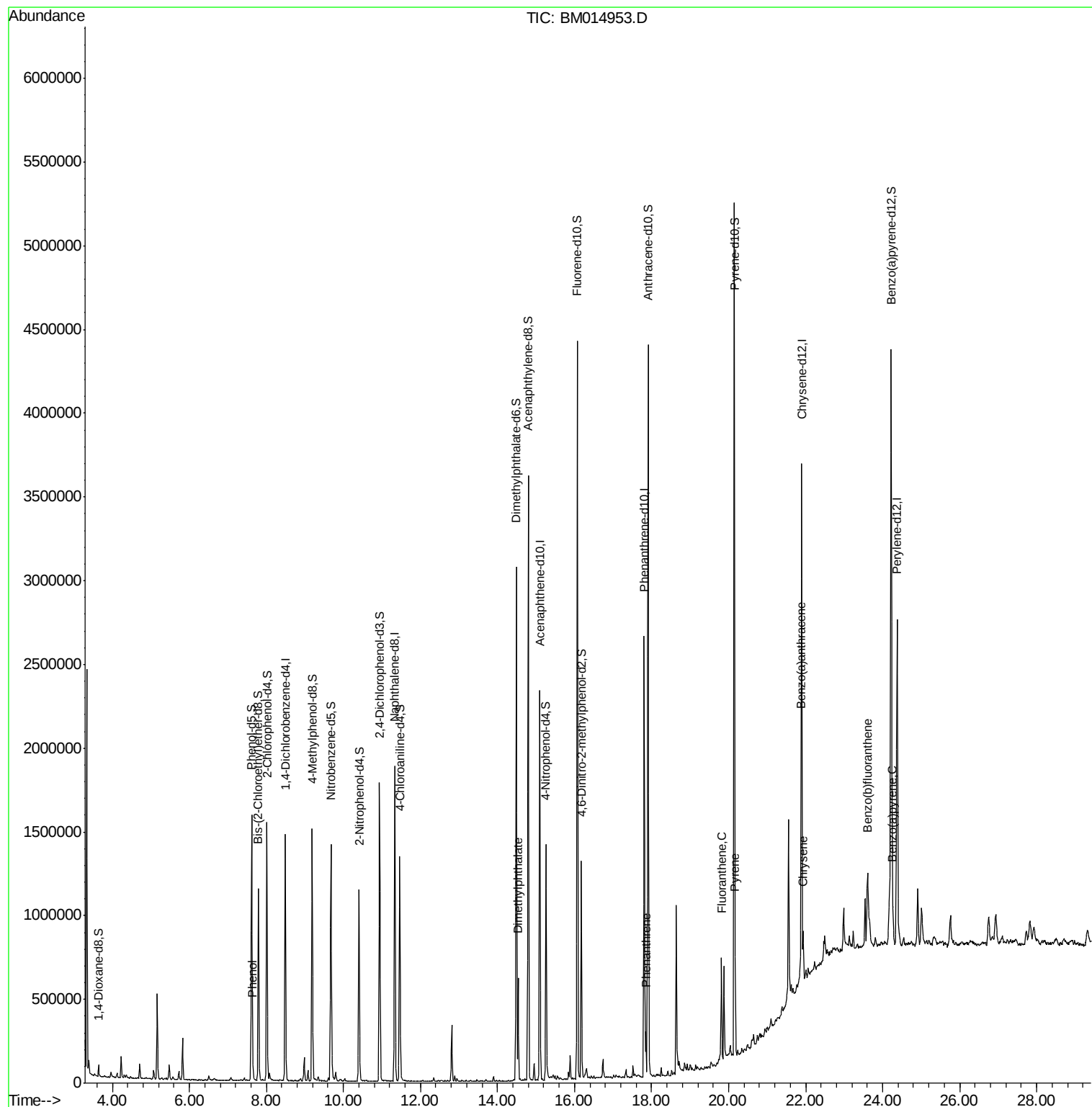
					Ovalue	
6) Phenol	7.65	94	44205	1.565	ng/ul#	83
44) Dimethylphthalate	14.53	163	348209	6.316	ng/ul	99
69) Phenanthrene	17.85	178	141192	1.845	ng/ul	99
74) Fluoranthene	19.82	202	345465	4.141	ng/ul#	80
77) Pyrene	20.17	202	289743	3.635	ng/ul#	74
80) Benzo(a)anthracene	21.88	228	160814	2.016	ng/ul	98
82) Chrysene	21.94	228	163719	2.192	ng/ul	96
85) Benzo(b)fluoranthene	23.62	252	222332	2.567	ng/ul#	92
88) Benzo(a)pyrene	24.27	252	147367	1.794	ng/ul#	94

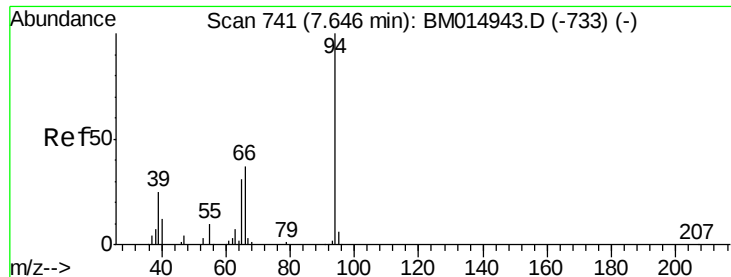
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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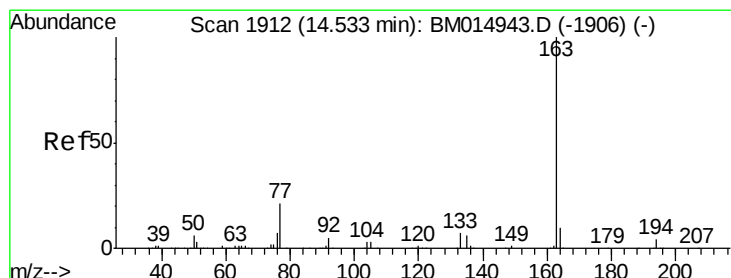
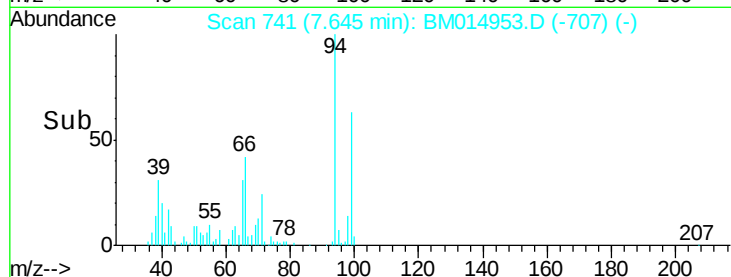
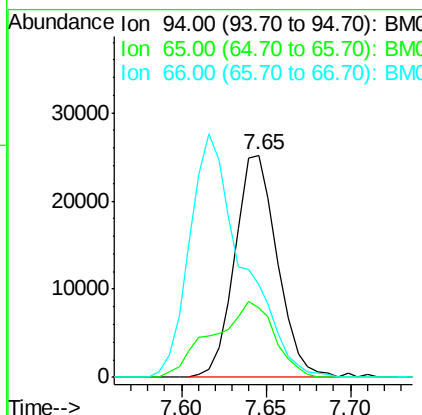
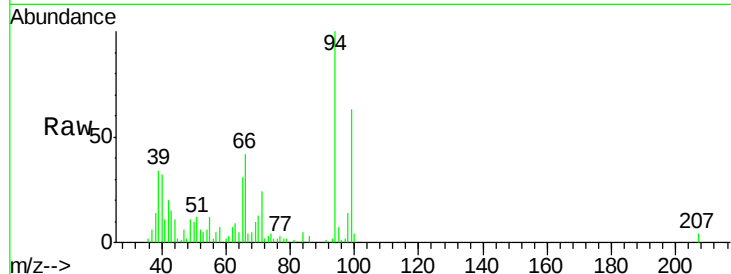
#6

Phenol

Concen: 1.565 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BM014953.D
 Acq: 03 May 2018 21:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AG1

Tot Ion	94	Resp	44205
Ion Ratio	Lower	Upper	
94	100		
65	31.2	28.2	42.4
66	41.7	47.2	70.8#

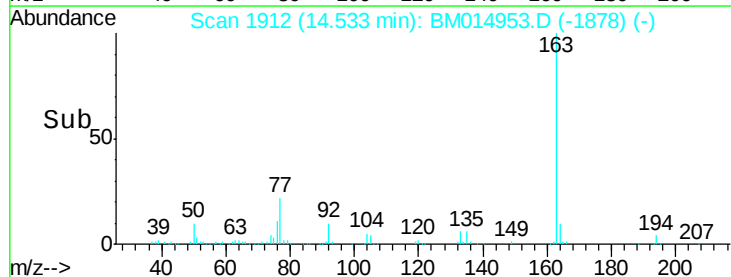
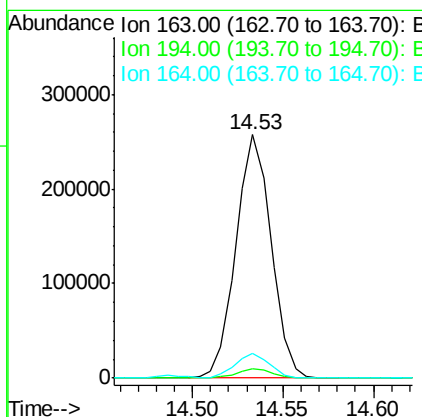
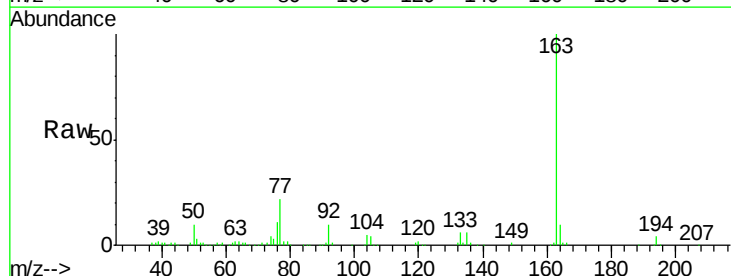


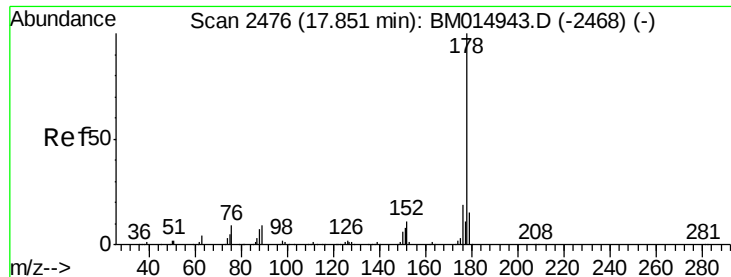
#44

Dimethylphthalate

Concen: 6.316 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM014953.D
 Acq: 03 May 2018 21:21

Tgt Ion	163	Resp	348209
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	10.2	8.2	12.4





#69

Phenanthrene

Concen: 1.845 ng/ul

RT: 17.85 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BM014953.D

Acq: 03 May 2018 21:21

Instrument :

BNA_M

ClientSampleId :

C0AG1

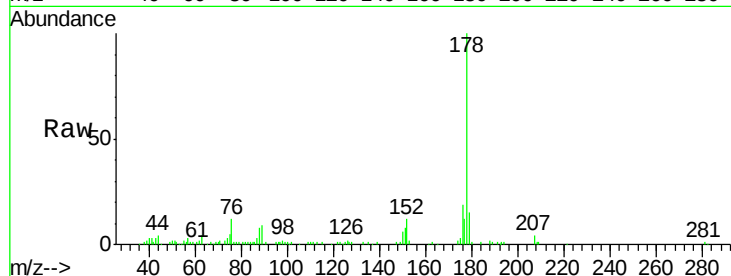
Tot Ion:178 Resp: 141192

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

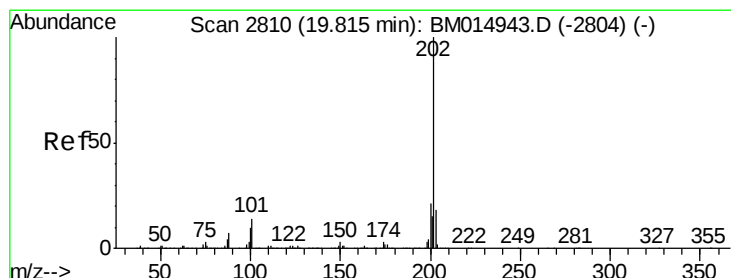
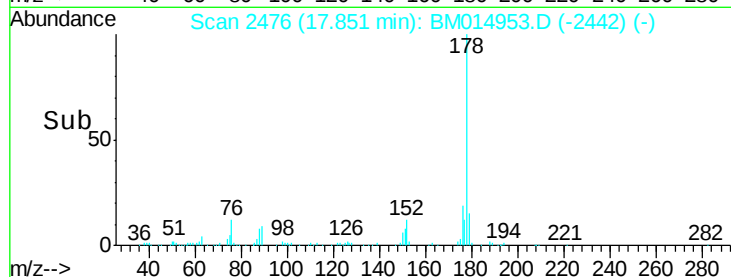
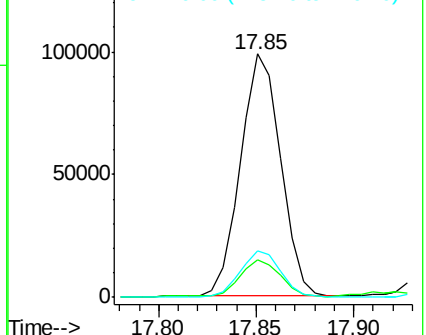
176 19.3 14.9 22.3



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: 4.141 ng/ul

RT: 19.82 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BM014953.D

Acq: 03 May 2018 21:21

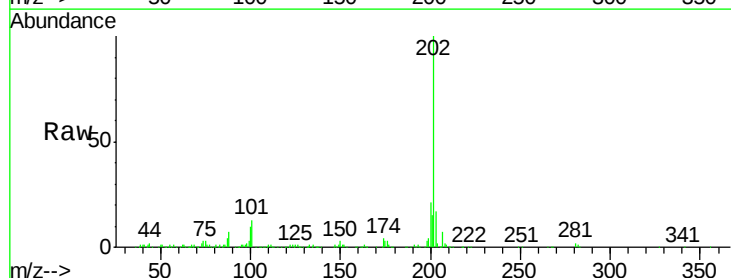
Tgt Ion:202 Resp: 345465

Ion Ratio Lower Upper

202 100

101 12.6 4.6 7.0#

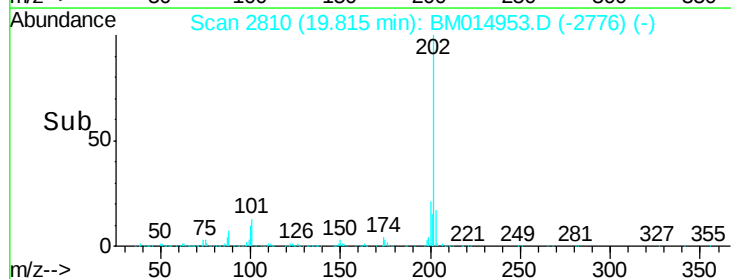
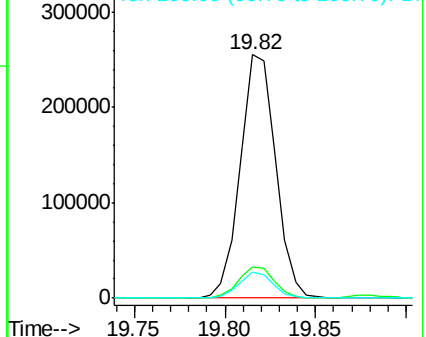
100 10.4 3.4 5.2#

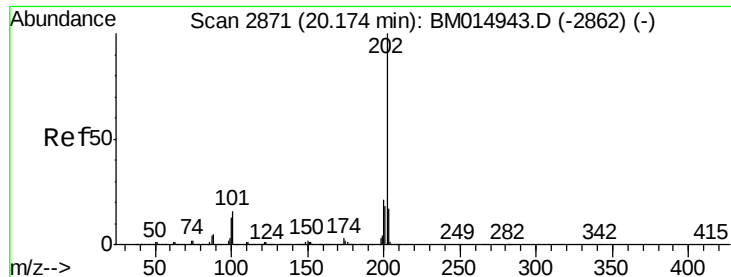


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.635 ng/ul

RT: 20.17 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BM014953.D

Acq: 03 May 2018 21:21

Instrument :

BNA_M

ClientSampleId :

C0AG1

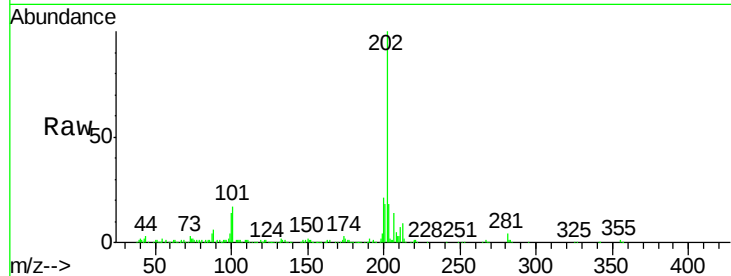
Tot Ion:202 Resp: 289743

Ion Ratio Lower Upper

202 100

101 16.6 5.1 7.7#

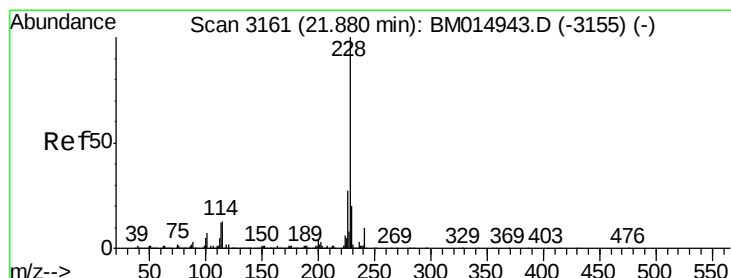
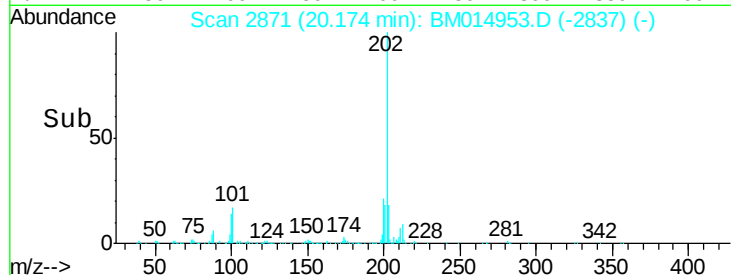
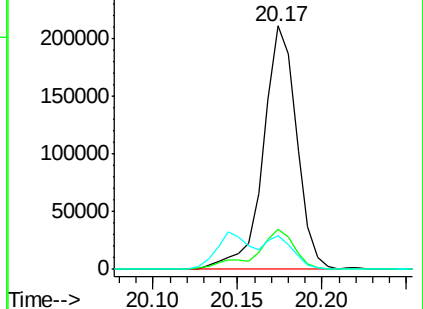
100 13.6 4.9 7.3#



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: 2.016 ng/ul

RT: 21.88 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BM014953.D

Acq: 03 May 2018 21:21

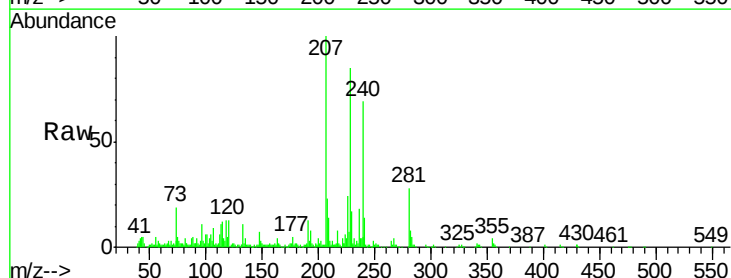
Tgt Ion:228 Resp: 160814

Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

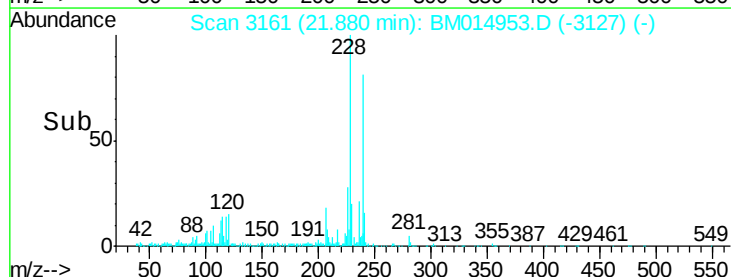
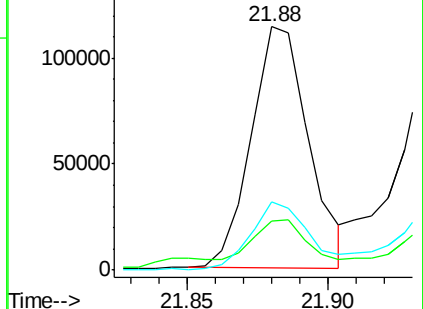
226 27.9 21.4 32.0

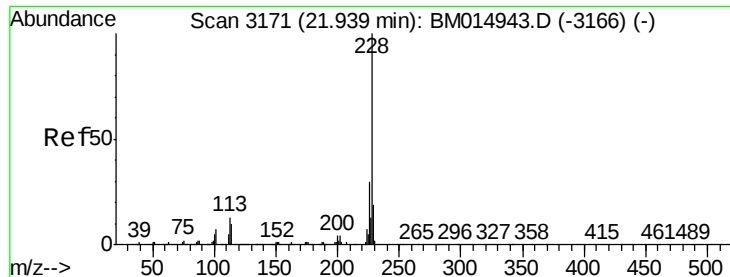


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.192 ng/u1

RT: 21.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BM014953.D

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BNA_M

ClientSampleId :

C0AG1

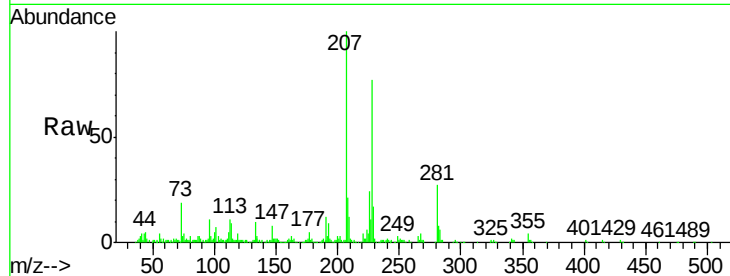
Tot Ion:228 Resp: 163719

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

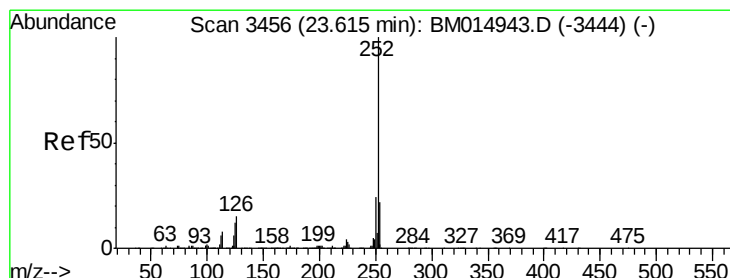
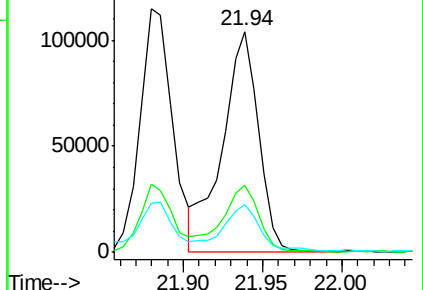
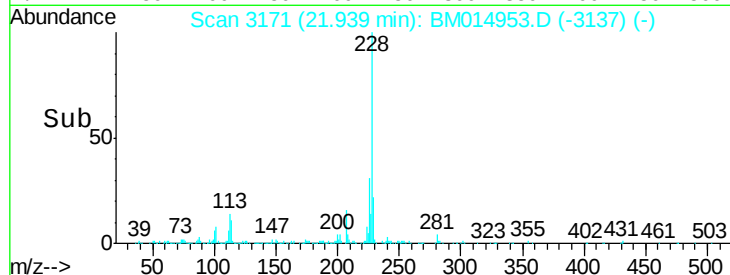
229 21.9 15.5 23.3



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: 2.567 ng/u1

RT: 23.62 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BM014953.D

Acq: 03 May 2018 21:21

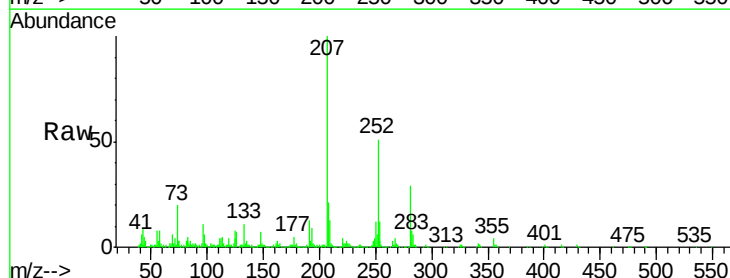
Tgt Ion:252 Resp: 222332

Ion Ratio Lower Upper

252 100

253 23.9 17.9 26.9

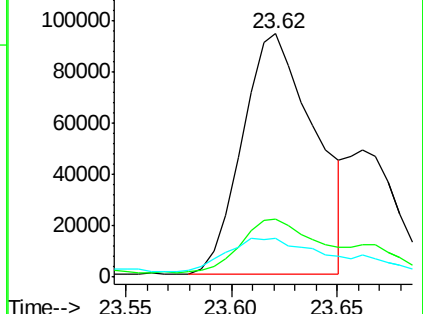
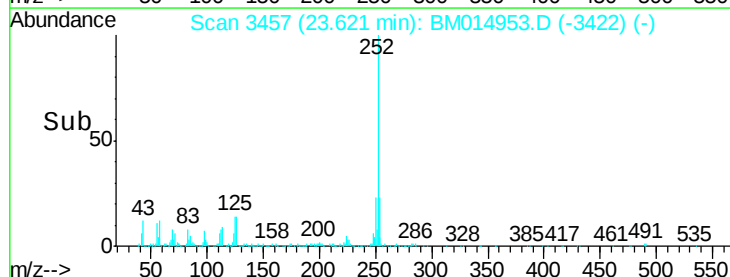
125 15.8 3.6 5.4#

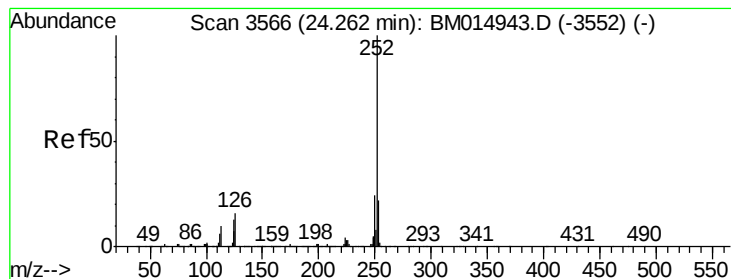


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.794 ng/ul

RT: 24.27 min Scan# 3567

Delta R.T. 0.01 min

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BNA_M

ClientSampleId :

C0AG1

Tot Ion:252 Resp: 147367

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 15.2 4.0 6.0#

