

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014961.D
 Acq On : 04 May 2018 02:20
 Operator : SJ/JU
 Sample : J2554-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 04 05:57:47 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 05:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	426978	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1735956	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	855233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1667539	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1503081	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1655690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	48218	4.93	ng/uL	0.00
5) Phenol-d5	7.62	99	902458	27.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	617085	29.15	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	762915	27.63	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	620647	23.58	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	344380	27.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	367383	29.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	634702	25.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	797347	31.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1787894	26.78	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2157763	26.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	267040	21.55	ng/ul	0.00
57) Fluorene-d10	16.07	176	1499917	25.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	166589	18.46	ng/ul	0.00
70) Anthracene-d10	17.91	188	2069822	26.63	ng/ul	0.00
76) Pyrene-d10	20.14	212	2056769	28.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	2340189	28.77	ng/ul	0.00

Target Compounds

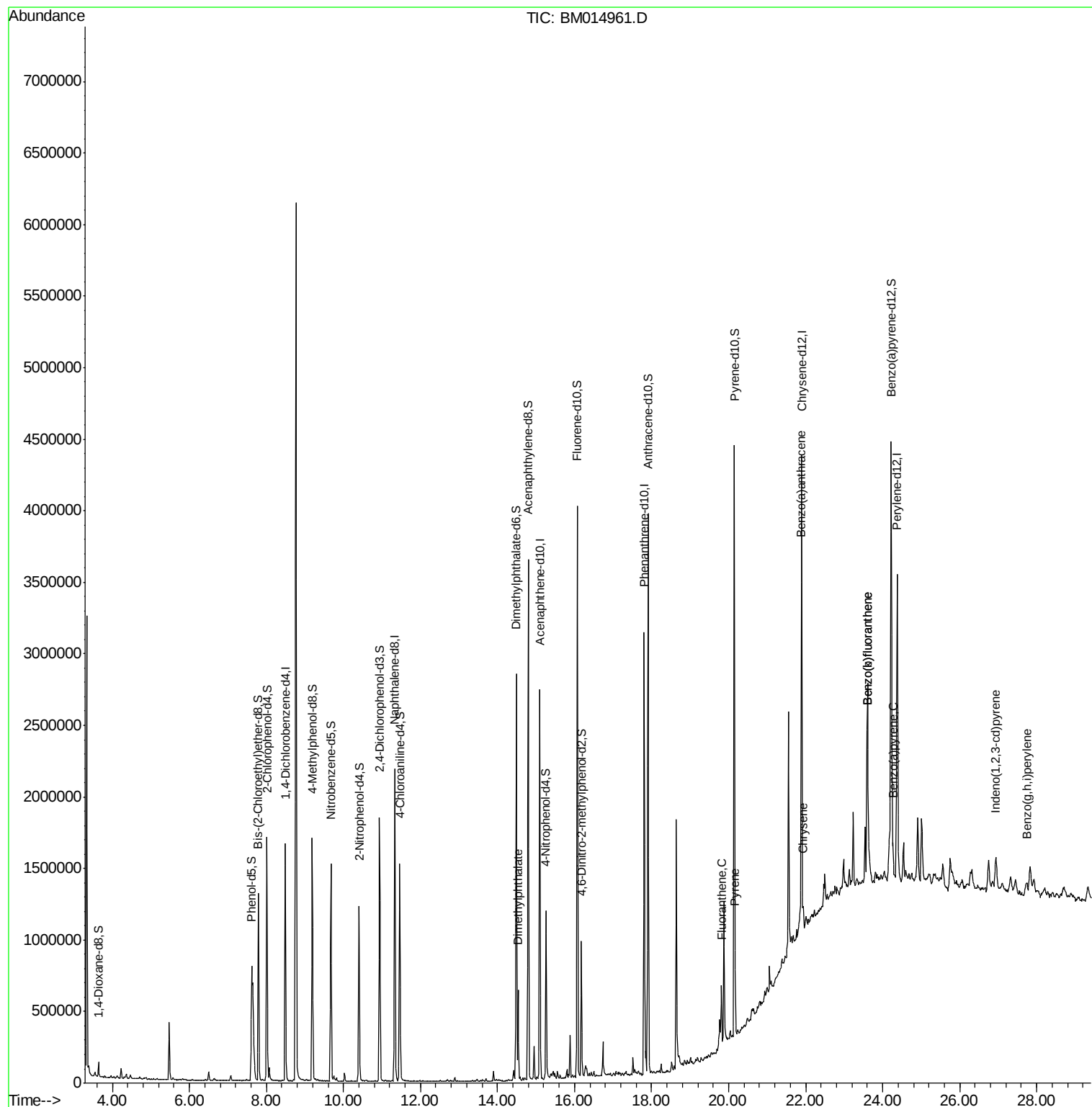
					Ovalue	
44) Dimethylphthalate	14.53	163	348497	5.400	ng/ul	99
74) Fluoranthene	19.82	202	226716	2.322	ng/ul#	81
77) Pyrene	20.17	202	219333	2.497	ng/ul#	75
80) Benzo(a)anthracene	21.89	228	117566	1.338	ng/ul	95
82) Chrysene	21.94	228	135513	1.647	ng/ul	96
85) Benzo(b)fluoranthene	23.62	252	206387	2.115	ng/ul#	80
86) Benzo(k)fluoranthene	23.62	252	206387	2.199	ng/ul#	78
88) Benzo(a)pyrene	24.27	252	132610	1.432	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	26.93	276	114603	1.023	ng/ul#	84
91) Benzo(a,h,i)perylene	27.73	276	118270	1.284	ng/ul#	85

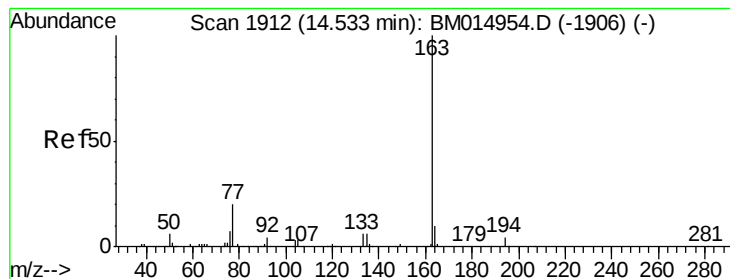
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.400 ng/ul

RT: 14.53 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BM014961.D

Acq: 04 May 2018 02:20

Instrument :

BNA_M

ClientSampleId :

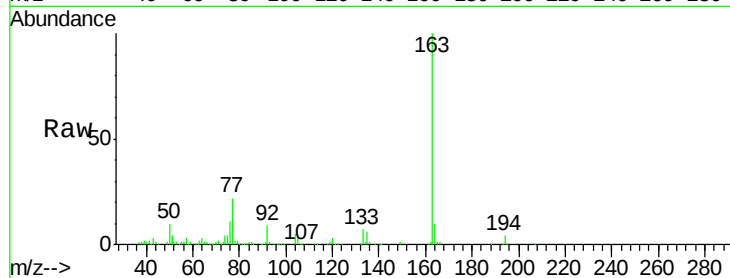
Tot Ion:163 Resp: 348497

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

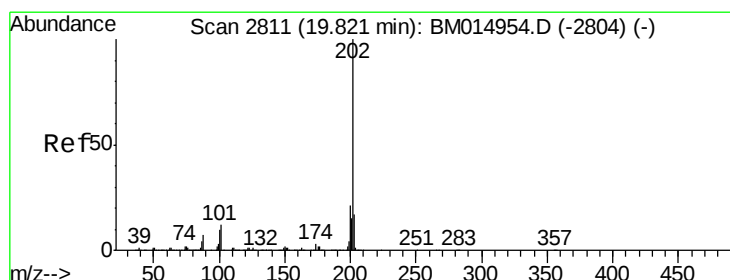
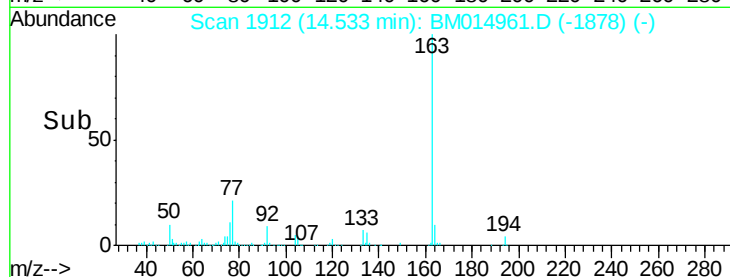
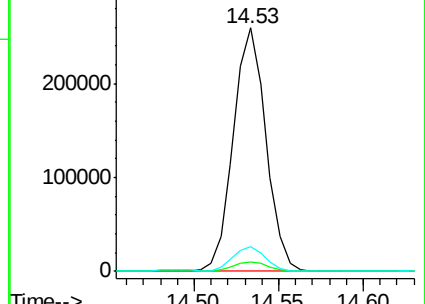
164 10.4 8.2 12.4



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



#74

Fluoranthene

Concen: 2.322 ng/ul

RT: 19.82 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BM014961.D

Acq: 04 May 2018 02:20

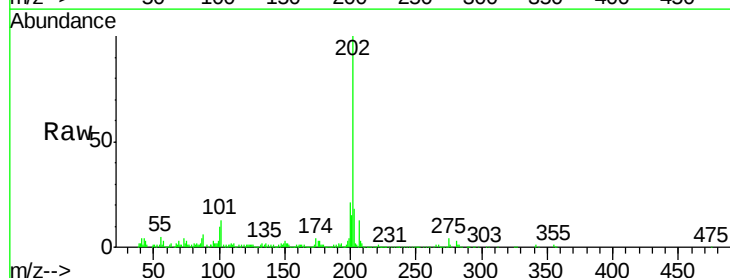
Tgt Ion:202 Resp: 226716

Ion Ratio Lower Upper

202 100

101 12.8 4.6 7.0#

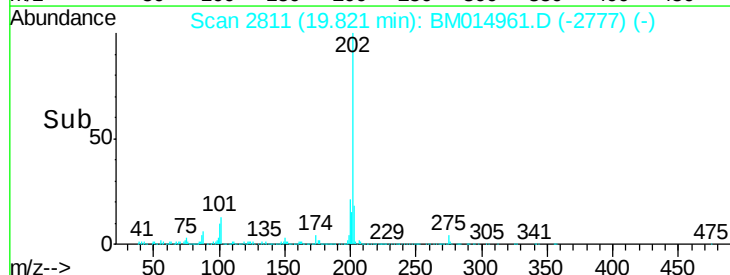
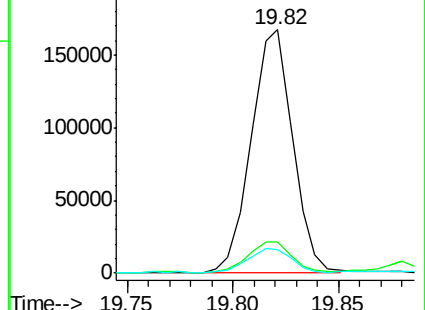
100 9.7 3.4 5.2#

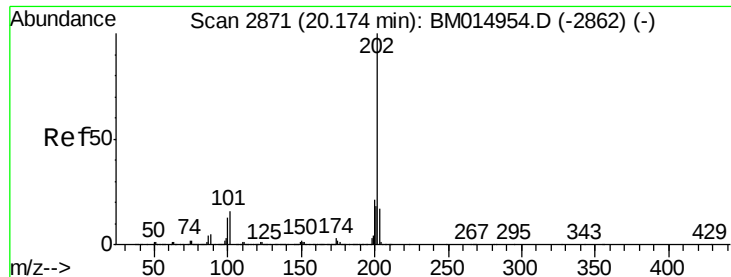


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 2.497 ng/ul

RT: 20.17 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BM014961.D

Acq: 04 May 2018 02:20

Instrument :

BNA_M

ClientSampleId :

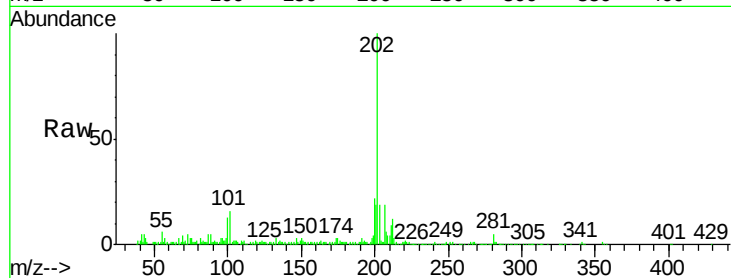
Tot Ion:202 Resp: 219333

Ion Ratio Lower Upper

202 100

101 16.1 5.1 7.7#

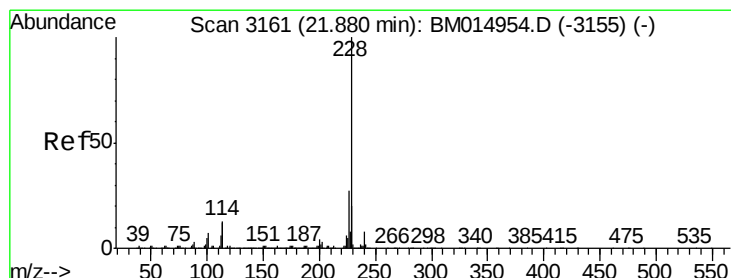
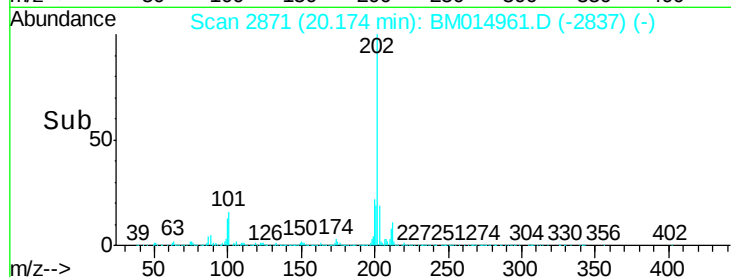
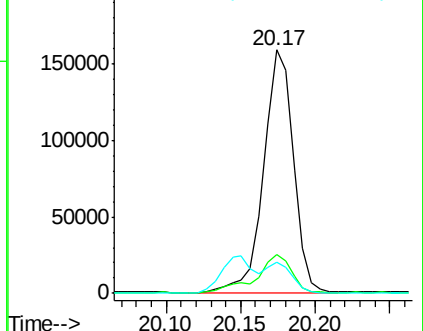
100 13.0 4.9 7.3#



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: 1.338 ng/ul

RT: 21.89 min Scan# 3162

Delta R.T. 0.01 min

Lab File: BM014961.D

Acq: 04 May 2018 02:20

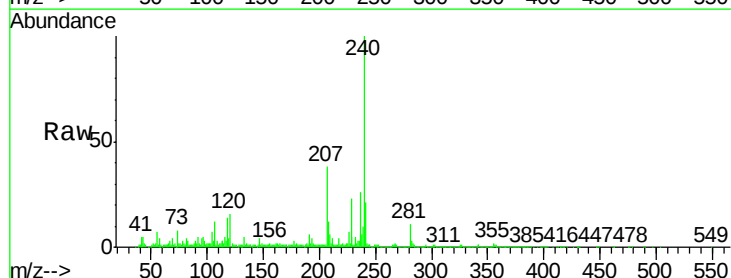
Tgt Ion:228 Resp: 117566

Ion Ratio Lower Upper

228 100

229 21.7 15.4 23.0

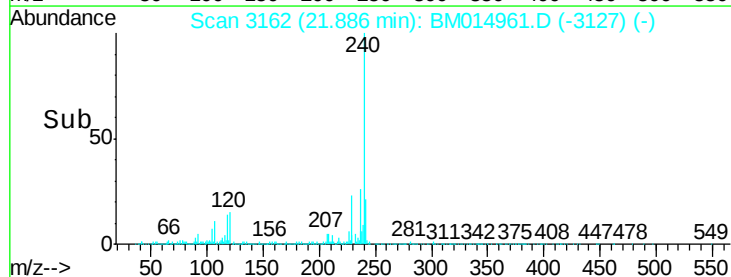
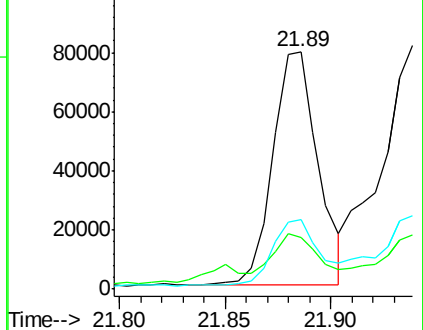
226 29.5 21.4 32.0

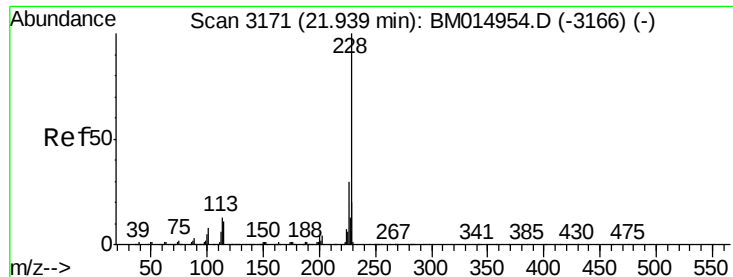


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.647 ng/ul

RT: 21.94 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BM014961.D

Acq: 04 May 2018 02:20

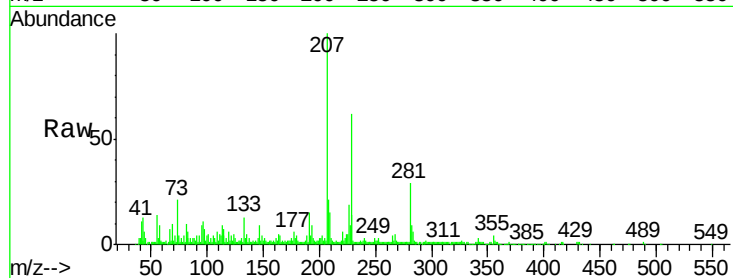
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 135513

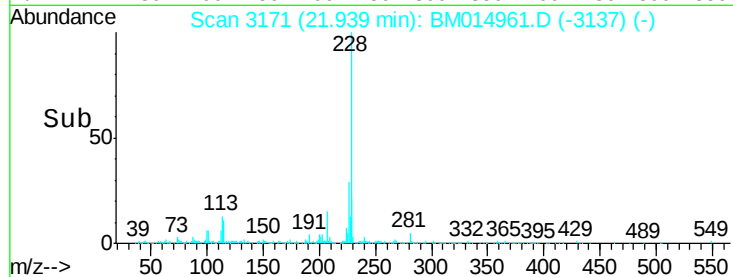
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	22.5	15.5	23.3



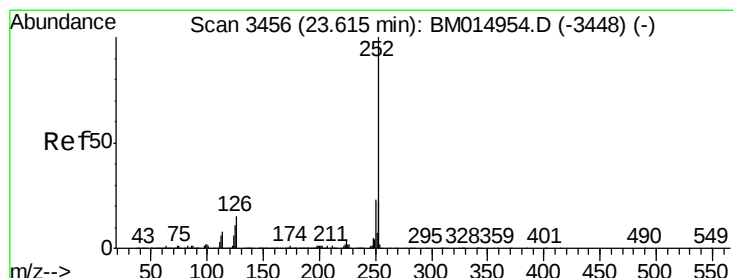
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 2.115 ng/ul

RT: 23.62 min Scan# 3457

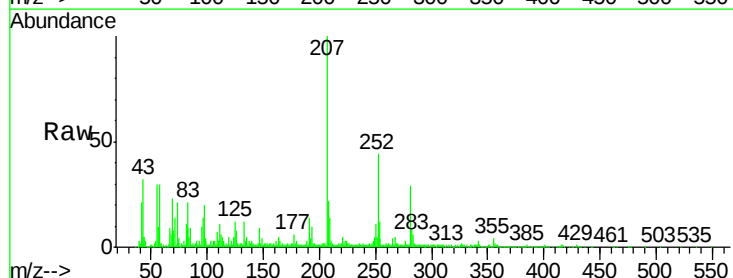
Delta R.T. 0.01 min

Lab File: BM014961.D

Acq: 04 May 2018 02:20

Tgt Ion:252 Resp: 206387

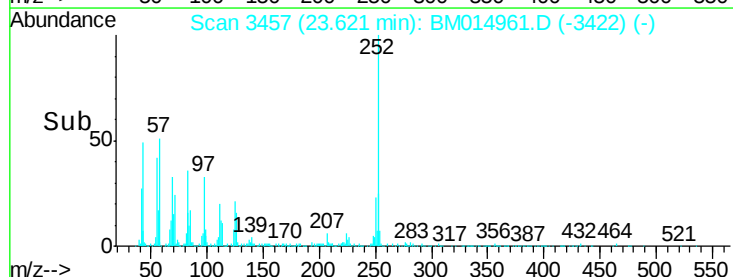
Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.9	26.9#
125	26.1	3.6	5.4#



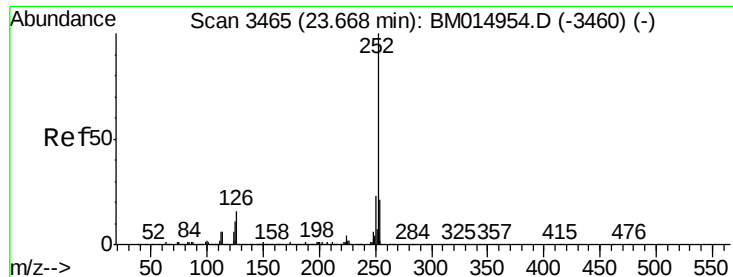
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#86

Benzo(k)fluoranthene

Concen: 2.199 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. -0.05 min

Lab File: BM014961.D

Acq: 04 May 2018 02:20

Instrument :

BNA_M

ClientSampleId :

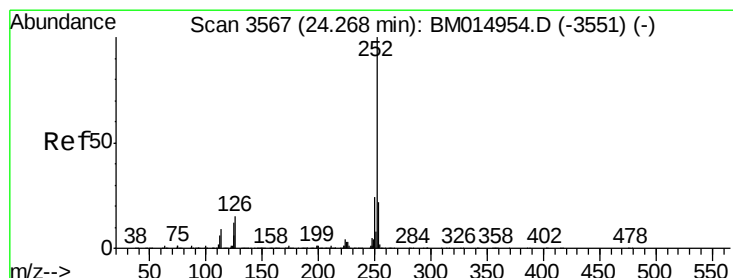
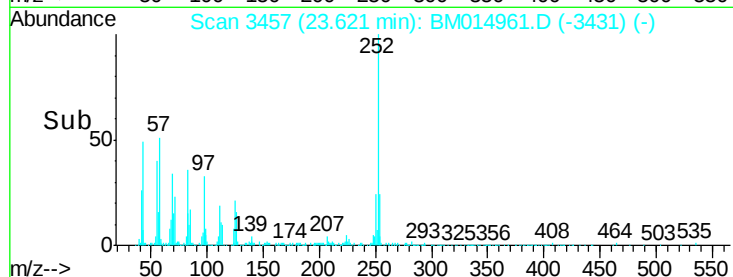
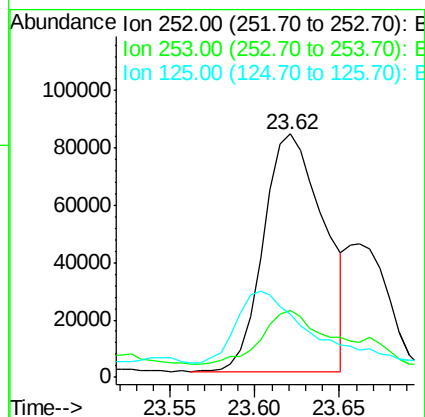
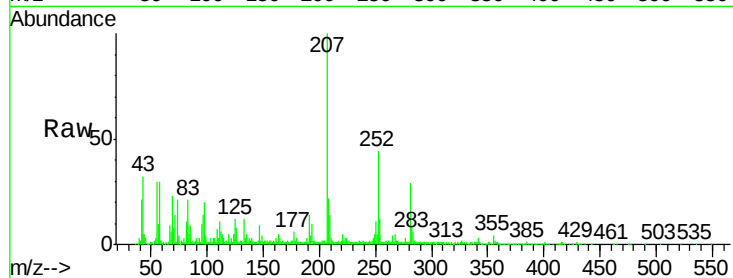
Tot Ion:252 Resp: 206387

Ion Ratio Lower Upper

252 100

253 27.6 17.1 25.7#

125 26.1 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 1.432 ng/ul

RT: 24.27 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BM014961.D

Acq: 04 May 2018 02:20

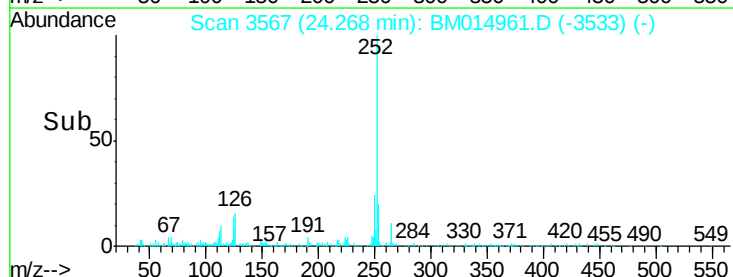
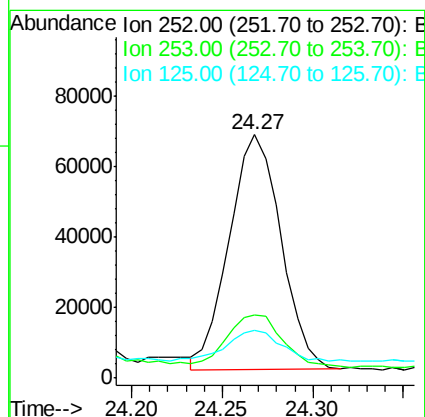
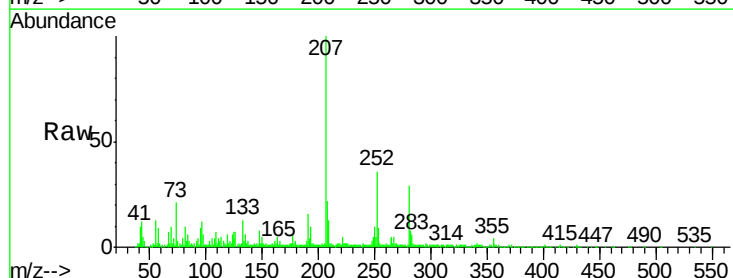
Tgt Ion:252 Resp: 132610

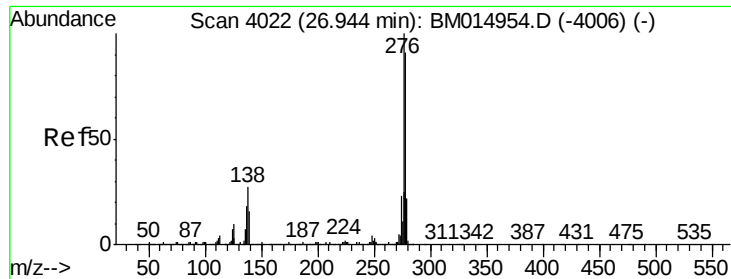
Ion Ratio Lower Upper

252 100

253 26.2 18.2 27.2

125 19.7 4.0 6.0#



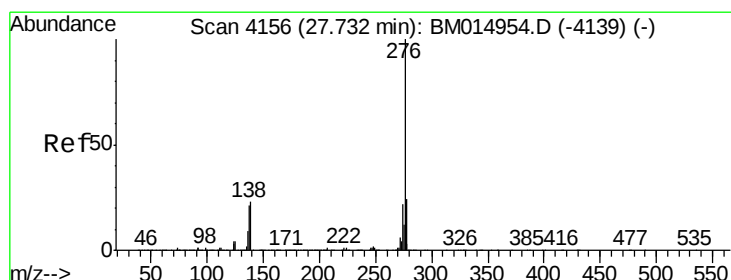
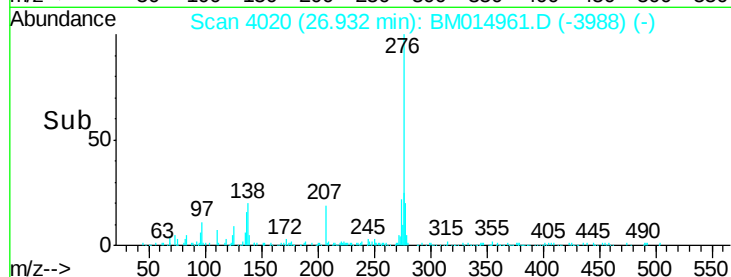
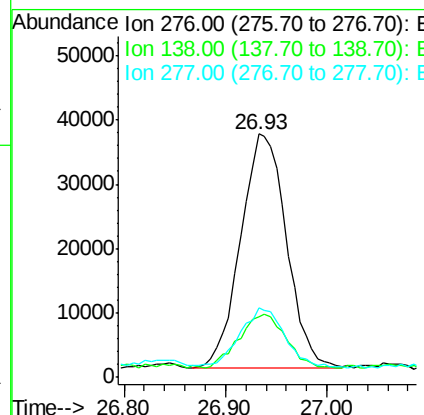
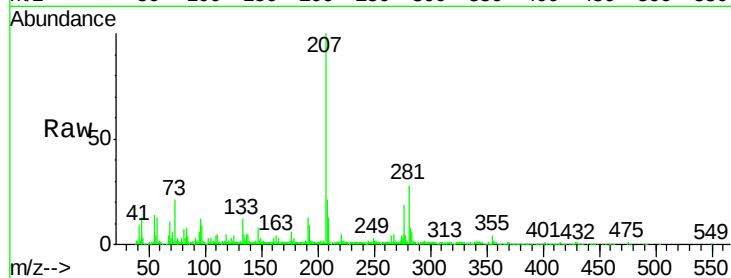


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.023 ng/ul
RT: 26.93 min Scan# 4020
Delta R.T. -0.01 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	9.3	13.9#
277	28.5	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 1.284 ng/ul
RT: 27.73 min Scan# 4156
Delta R.T. 0.00 min
Lab File: BM014961.D
Acq: 04 May 2018 02:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	8.5	12.7#
277	25.3	18.6	28.0

