

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014949.D
 Acq On : 03 May 2018 18:51
 Operator : SJ/JU
 Sample : J2554-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 04 05:09:08 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	332093	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1351854	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	659118	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1293526	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1227118	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	1327582	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	35435	4.66	ng/uL	0.00
5) Phenol-d5	7.62	99	744770	29.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	508841	30.91	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	601323	28.00	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	564752	27.58	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	287923	29.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	299693	30.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	564661	28.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	703292	36.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1697110	32.98	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2013783	31.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	267471	28.01	ng/ul	0.00
57) Fluorene-d10	16.07	176	1460117	32.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	188829	26.98	ng/ul	0.00
70) Anthracene-d10	17.91	188	2092309	34.71	ng/ul	0.00
76) Pyrene-d10	20.15	212	2187391	37.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	2499444	38.32	ng/ul	0.00

Target Compounds

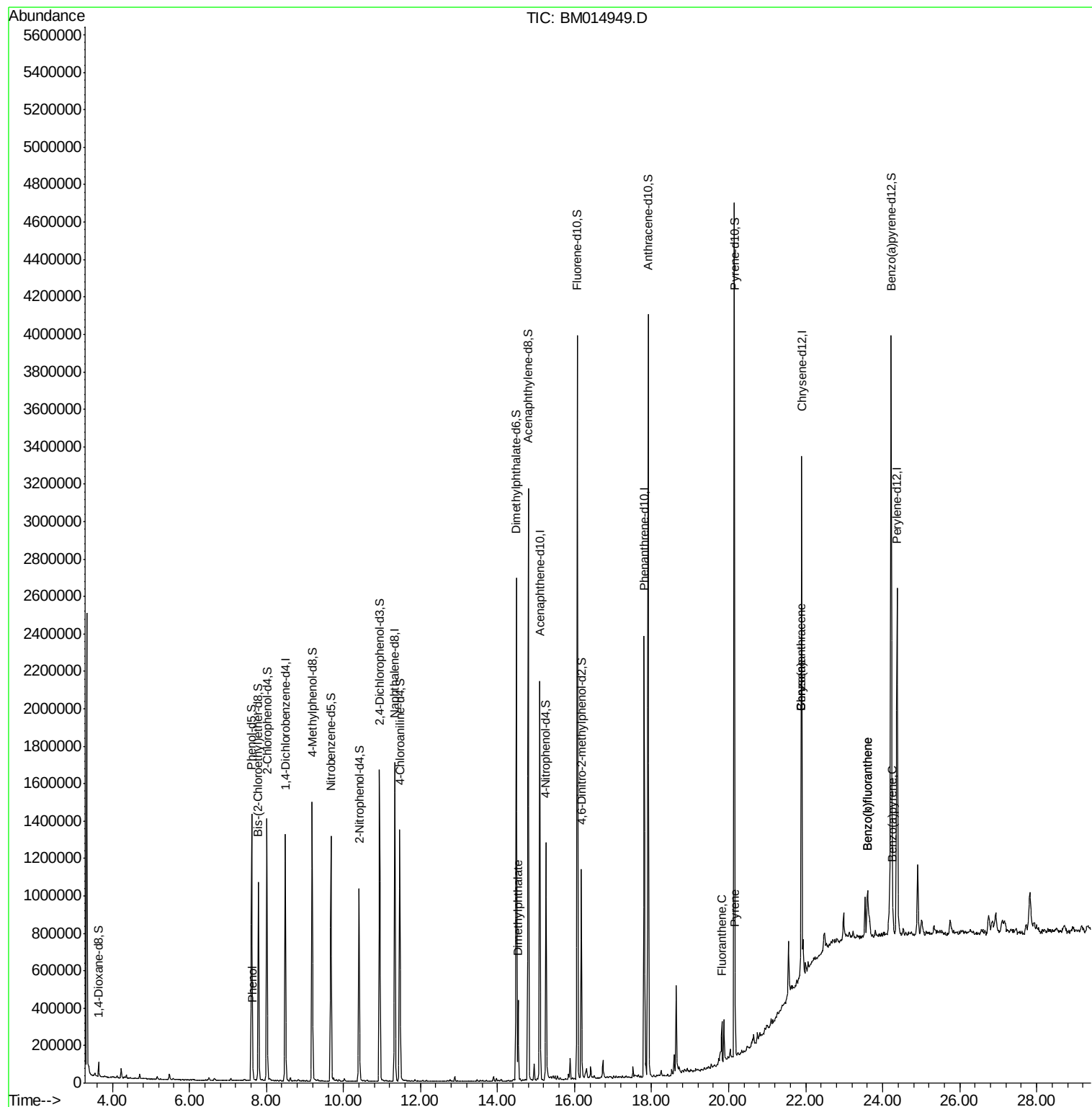
					Ovalue	
6) Phenol	7.65	94	28694	1.136	ng/ul#	88
44) Dimethylphthalate	14.53	163	239444	4.814	ng/ul	99
74) Fluoranthene	19.82	202	124313	1.641	ng/ul#	81
77) Pyrene	20.17	202	118221	1.649	ng/ul#	73
80) Benzo(a)anthracene	21.88	228	101606	1.416	ng/ul	97
82) Chrysene	21.88	228	101606	1.512	ng/ul	98
85) Benzo(b)fluoranthene	23.62	252	123757	1.581	ng/ul#	90
86) Benzo(k)fluoranthene	23.62	252	123757	1.645	ng/ul#	88
88) Benzo(a)pyrene	24.27	252	89282	1.203	ng/ul#	90

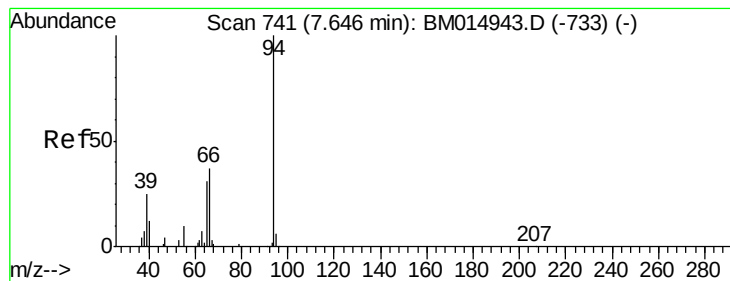
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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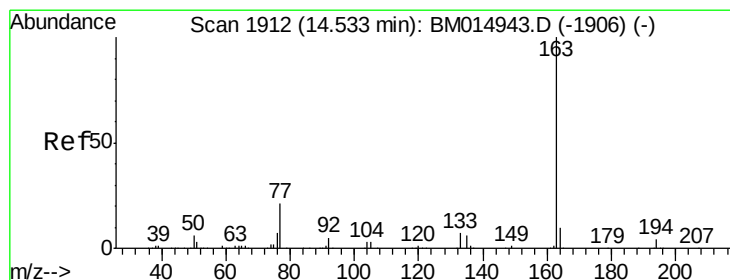
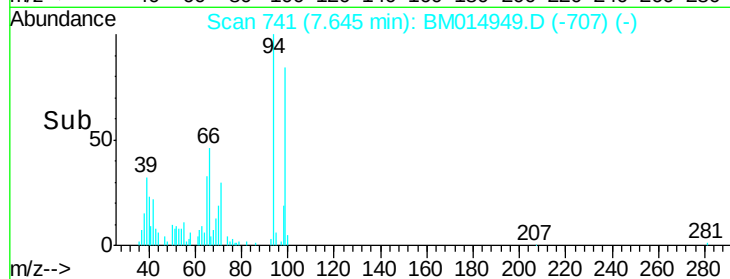
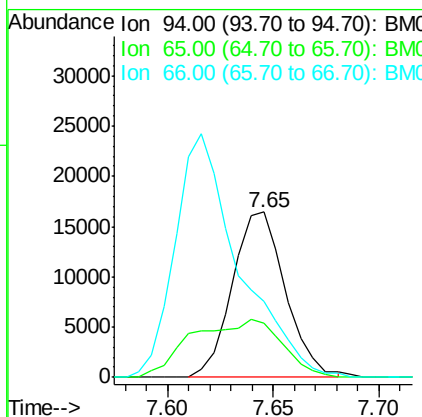
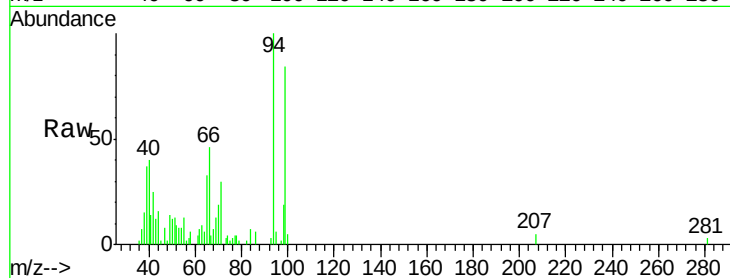
#6

Phenol

Concen: 1.136 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BM014949.D
 Acq: 03 May 2018 18:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 28694
 Ion Ratio Lower Upper
 94 100
 65 32.9 28.2 42.4
 66 46.0 47.2 70.8#

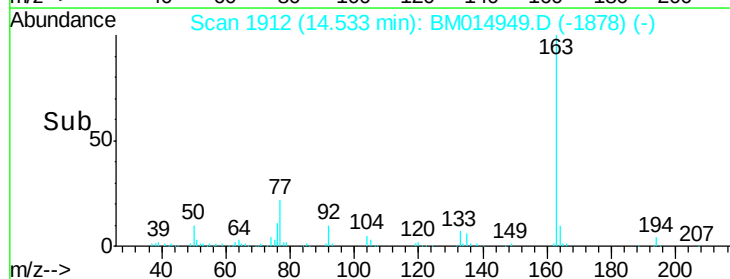
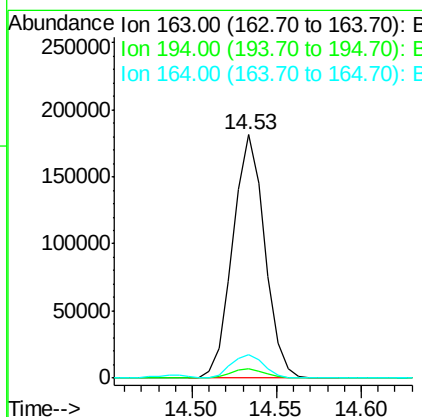
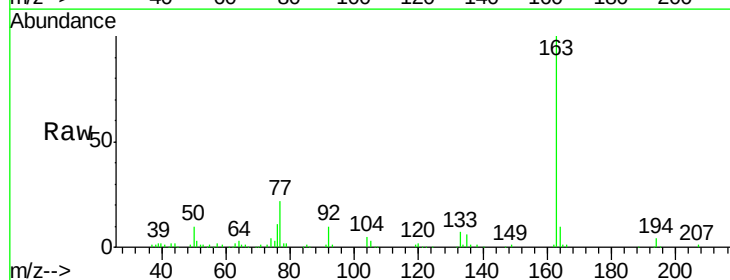


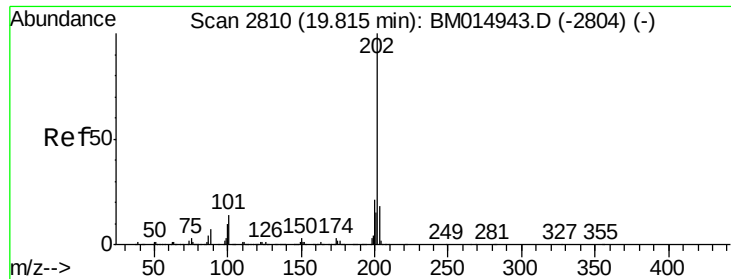
#44

Dimethylphthalate

Concen: 4.814 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM014949.D
 Acq: 03 May 2018 18:51

Tgt Ion: 163 Resp: 239444
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.5 5.3
 164 9.9 8.2 12.4

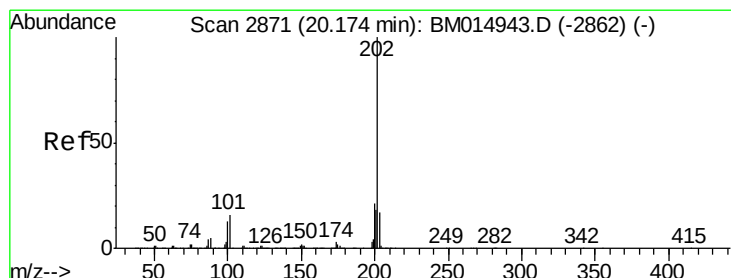
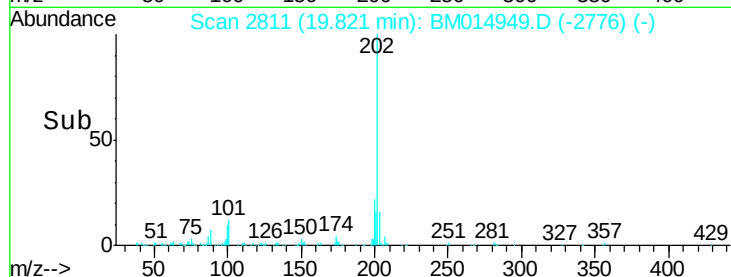
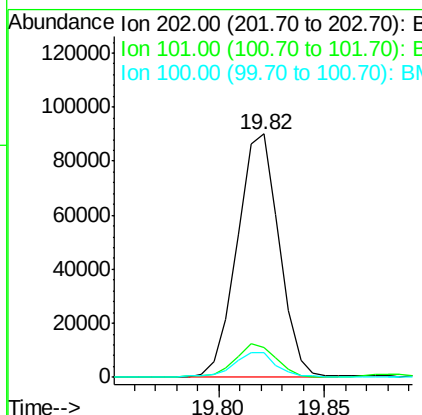
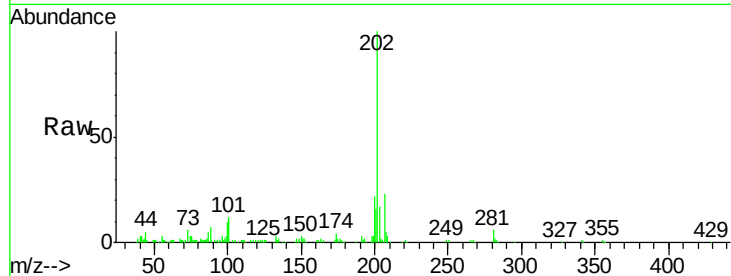




#74
 Fluoranthene
 Concen: 1.641 ng/ul
 RT: 19.82 min Scan# 2811
 Delta R.T. 0.01 min
 Lab File: BM014949.D
 Acq: 03 May 2018 18:51

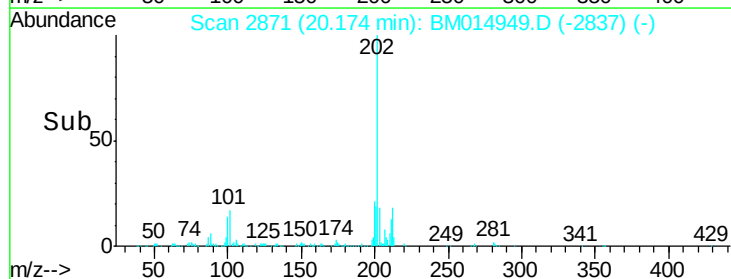
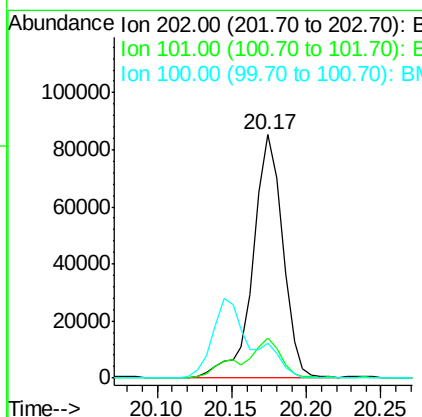
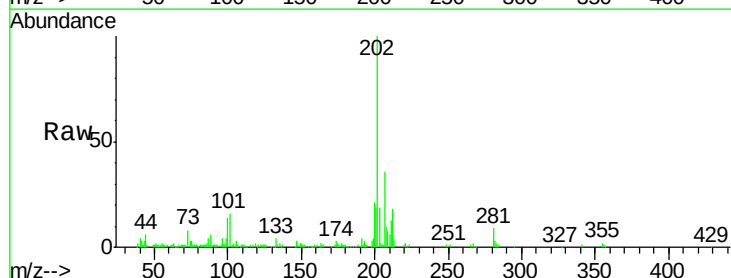
Instrument :
 BNA_M
 ClientSampleId :

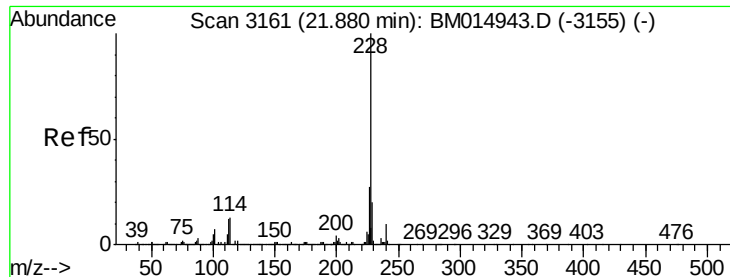
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	4.6	7.0#
100	10.0	3.4	5.2#



#77
 Pyrene
 Concen: 1.649 ng/ul
 RT: 20.17 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BM014949.D
 Acq: 03 May 2018 18:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	5.1	7.7#
100	14.2	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 1.416 ng/ul

RT: 21.88 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BM014949.D

Acq: 03 May 2018 18:51

Instrument :

BNA_M

ClientSampleId :

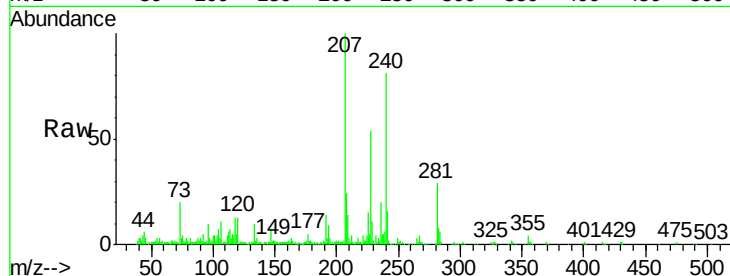
Tot Ion:228 Resp: 101606

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.0

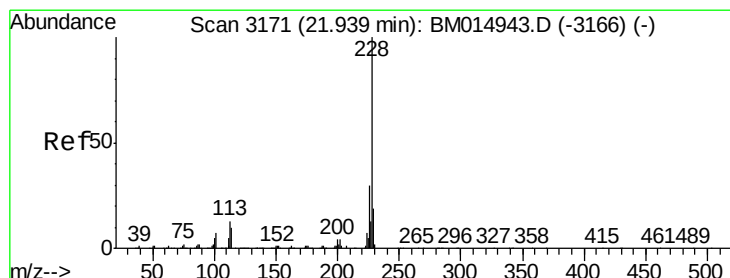
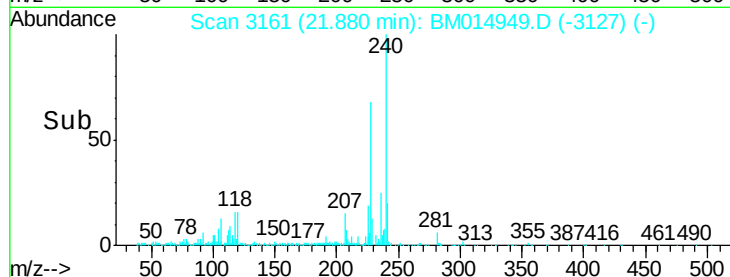
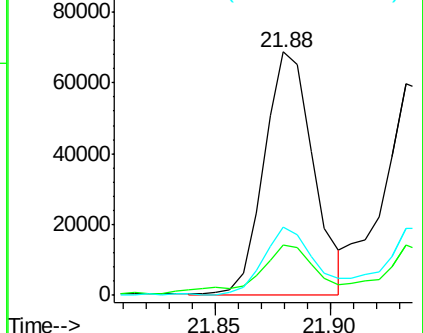
226 28.3 21.4 32.0



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: 1.512 ng/ul

RT: 21.88 min Scan# 3161

Delta R.T. -0.06 min

Lab File: BM014949.D

Acq: 03 May 2018 18:51

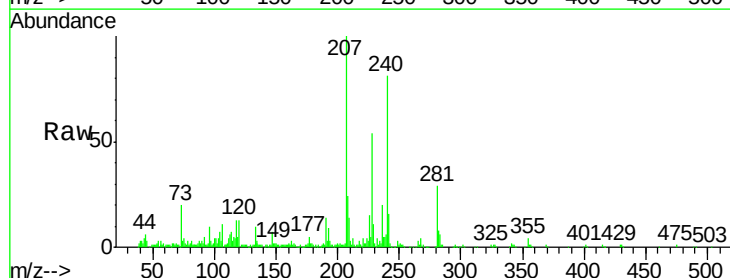
Tgt Ion:228 Resp: 101606

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

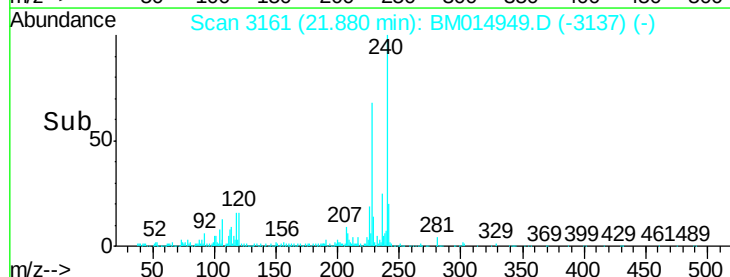
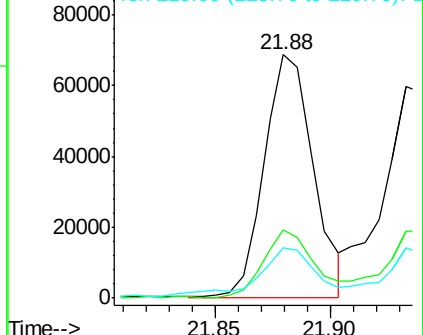
229 20.6 15.5 23.3

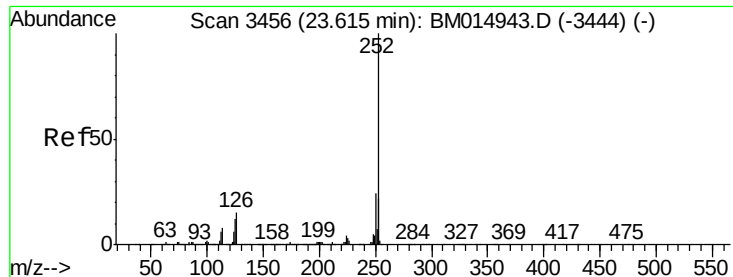


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.581 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BM014949.D

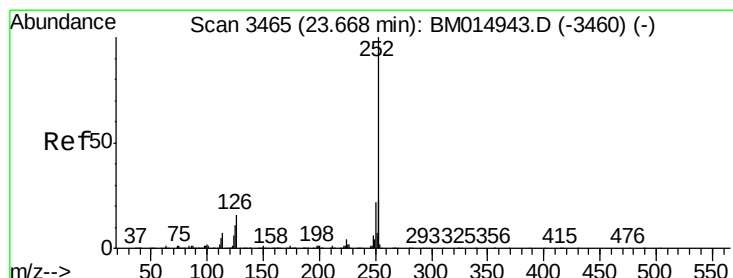
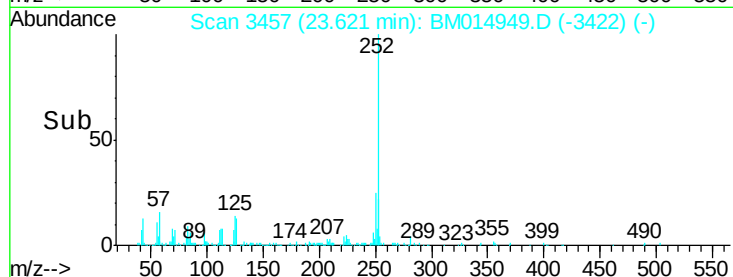
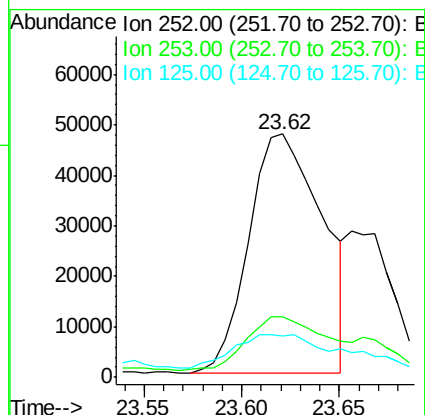
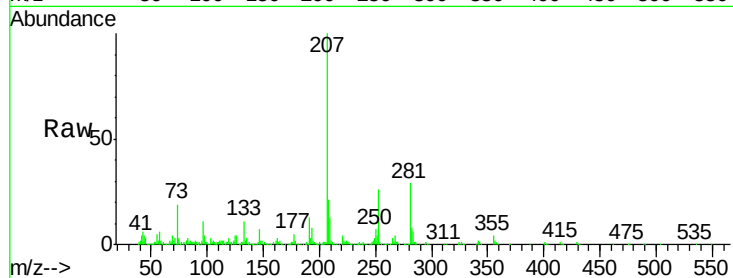
Acq: 03 May 2018 18:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	123757
Ion Ratio	Lower	Upper
252	100	
253	24.7	17.9 26.9
125	16.9	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.645 ng/ul

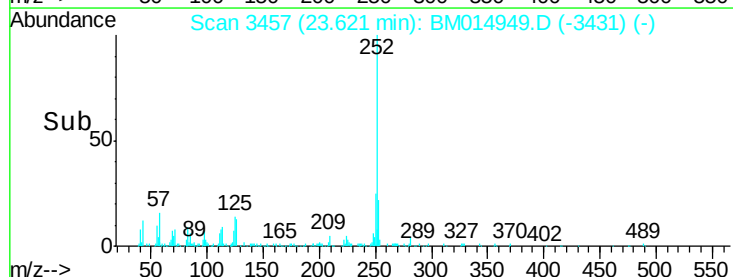
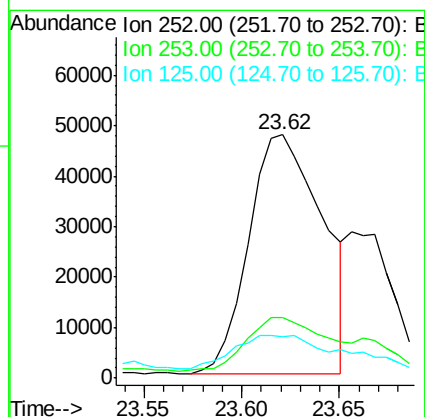
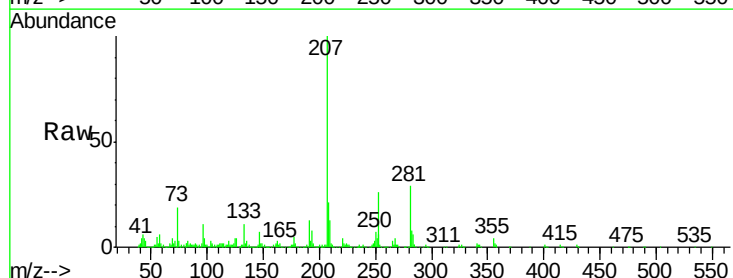
RT: 23.62 min Scan# 3457

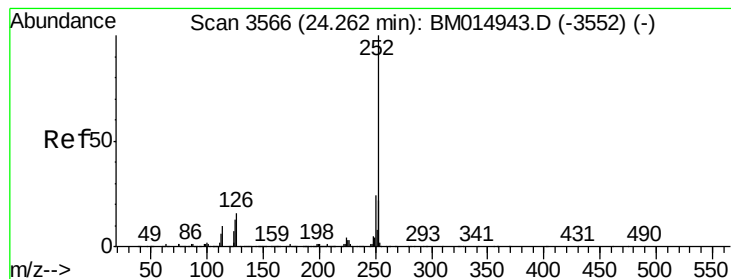
Delta R.T. -0.05 min

Lab File: BM014949.D

Acq: 03 May 2018 18:51

Tgt Ion:252	Resp:	123757
Ion Ratio	Lower	Upper
252	100	
253	24.7	17.1 25.7
125	16.9	3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.203 ng/ul

RT: 24.27 min Scan# 3567

Delta R.T. 0.01 min

Lab File: BM014949.D

Acq: 03 May 2018 18:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 89282

Ion Ratio Lower Upper

252 100

253 25.1 18.2 27.2

125 16.5 4.0 6.0#

