

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013985.D
 Acq On : 30 Jan 2018 07:28
 Operator : SJ/JU
 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B28DL

Quant Time: Jan 30 08:31:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	106530	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	413770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	250389	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	612817	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	839397	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	846780	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1253	0.46	ng/uL	0.00
5) Phenol-d5	6.76	99	11698	1.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	10480	2.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	15544	2.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	10671	1.70	ng/ul	0.03
19) Nitrobenzene-d5	8.74	128	4976	1.55	ng/ul	0.01
22) 2-Nitrophenol-d4	9.46	143	7158	2.11	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.01	165	7586	1.16	ng/ul	0.04
29) 4-Chloroaniline-d4	10.53	131	2244	0.39	ng/ul	0.04
43) Dimethylphthalate-d6	13.65	166	64171	3.11	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	76965	2.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1723	0.51	ng/ul	0.05
57) Fluorene-d10	15.23	176	58074	3.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	3339	0.91	ng/ul	0.01
70) Anthracene-d10	17.07	188	93476	3.13	ng/ul	0.00
76) Pyrene-d10	19.38	212	124531	3.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	129885	3.34	ng/ul	0.00

Target Compounds

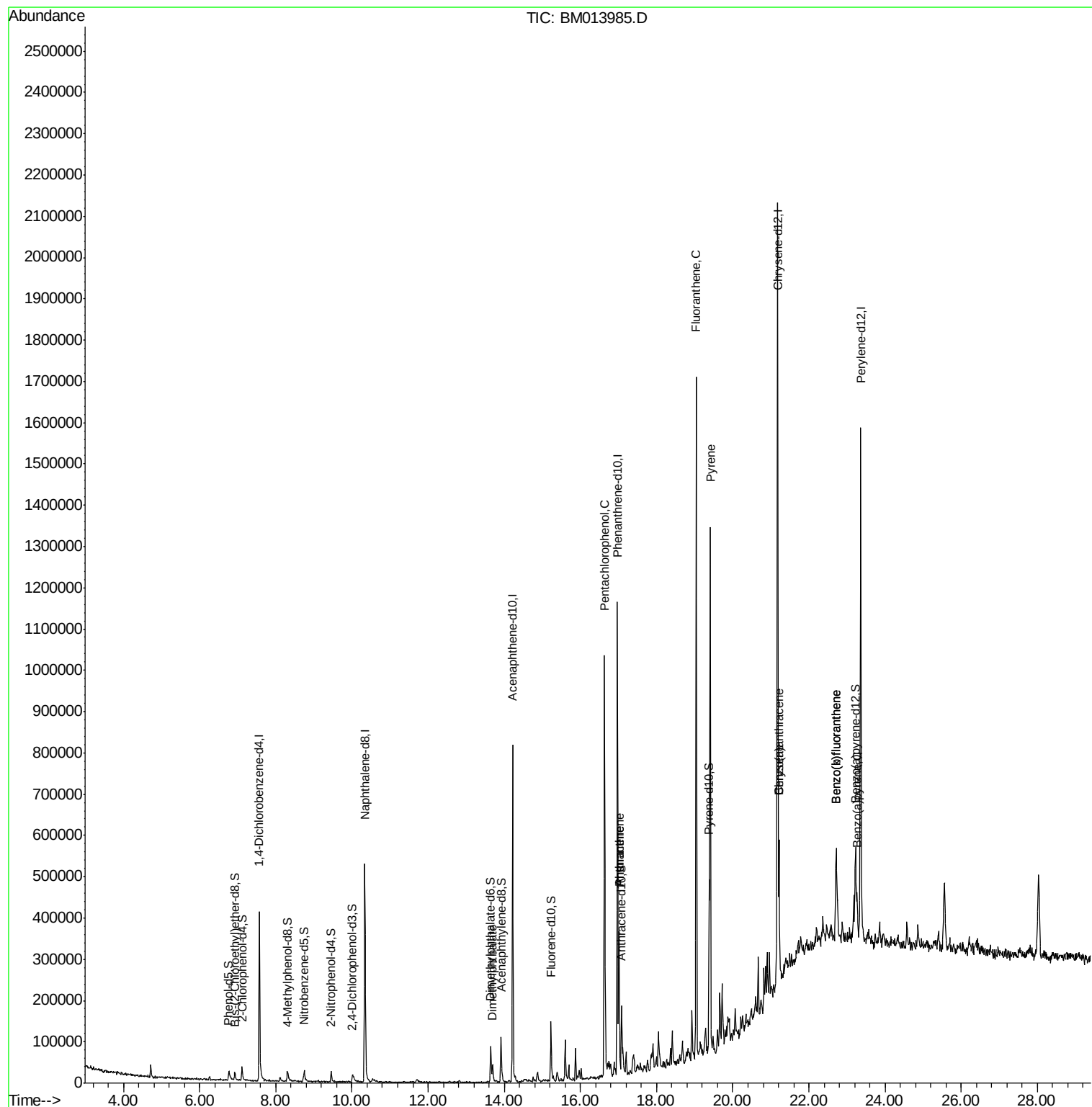
				Ovalue	
44) Dimethylphthalate	13.70	163	25786	1.271	ng/ul# 95
68) Pentachlorophenol	16.63	266	171271	41.369	ng/ul 98
69) Phenanthrene	17.02	178	206279	6.056	ng/ul 97
71) Anthracene	17.02	178	206279	5.871	ng/ul 99
74) Fluoranthene	19.04	202	924669	22.741	ng/ul 97
77) Pyrene	19.41	202	771756	15.124	ng/ul 98
80) Benzo(a)anthracene	21.22	228	209960	4.140	ng/ul 96
82) Chrysene	21.22	228	211766	4.551	ng/ul 93
85) Benzo(b)fluoranthene	22.72	252	169183	3.253	ng/ul# 99
86) Benzo(k)fluoranthene	22.72	252	169183	3.366	ng/ul# 98
88) Benzo(a)pyrene	23.26	252	61092	1.244	ng/ul# 95

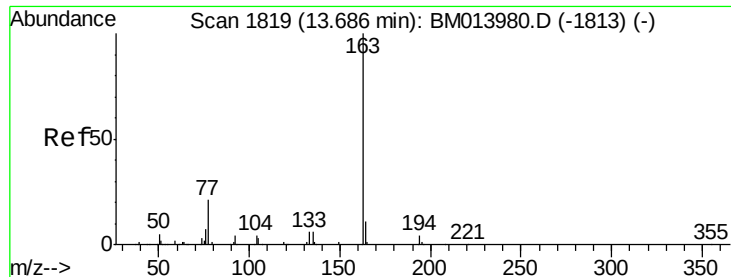
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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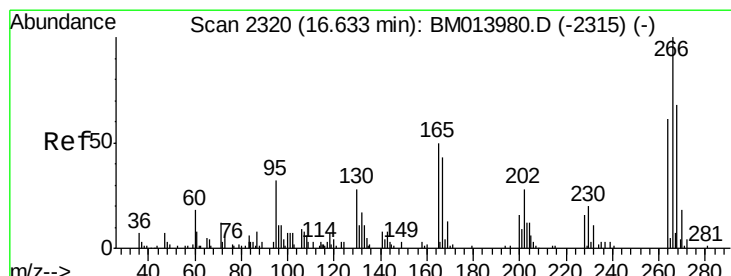
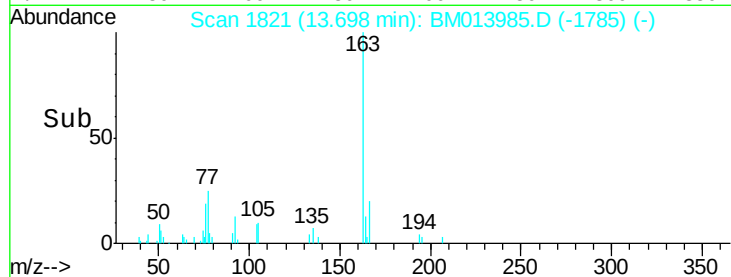
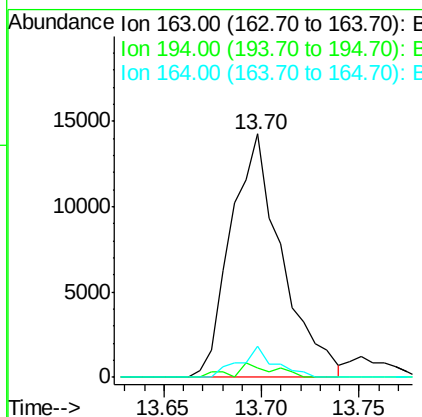
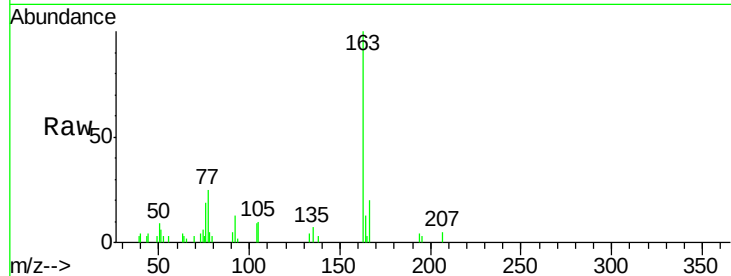




#44
Dimethylphthalate
Concen: 1.271 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BM013985.D
Acq: 30 Jan 2018 07:28

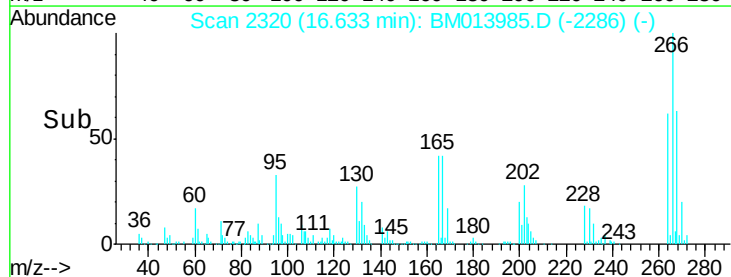
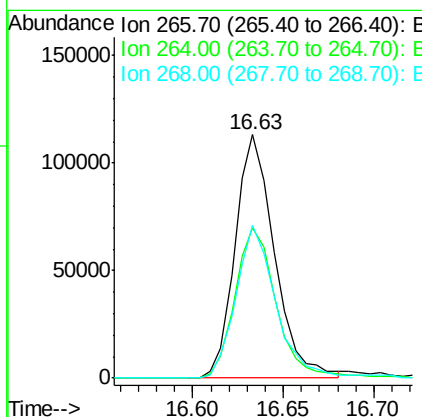
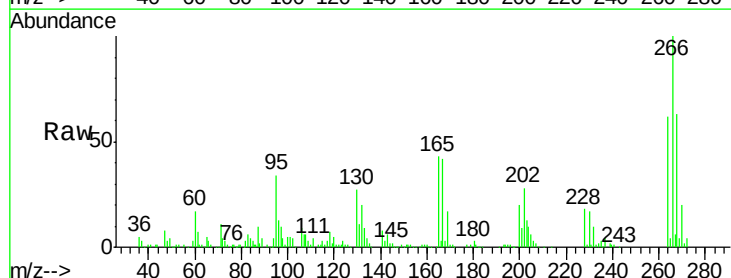
Instrument :
BNA_M
ClientSampleId :
F6B28DL

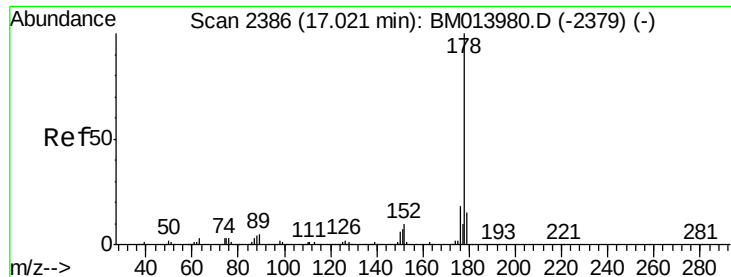
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	12.7	8.2	12.4



#68
Pentachlorophenol
Concen: 41.369 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BM013985.D
Acq: 30 Jan 2018 07:28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.5	49.3	73.9
268	63.0	52.6	78.8





#69

Phenanthrene

Concen: 6.056 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

Instrument :

BNA_M

ClientSampleId :

F6B28DL

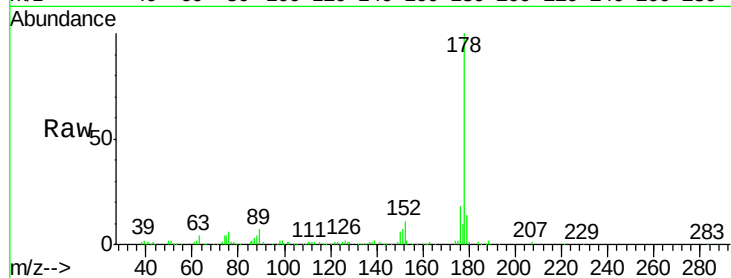
Tot Ion:178 Resp: 206279

Ion Ratio Lower Upper

178 100

179 14.0 12.6 19.0

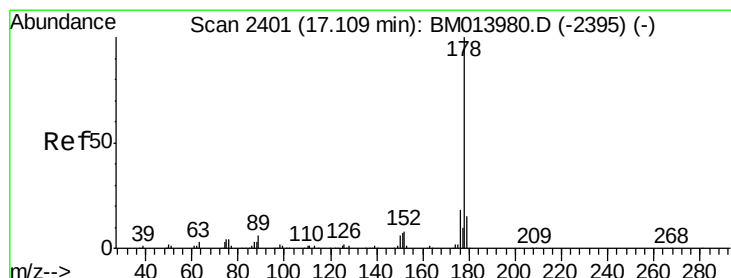
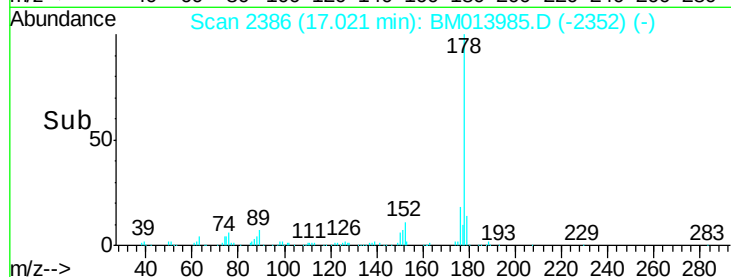
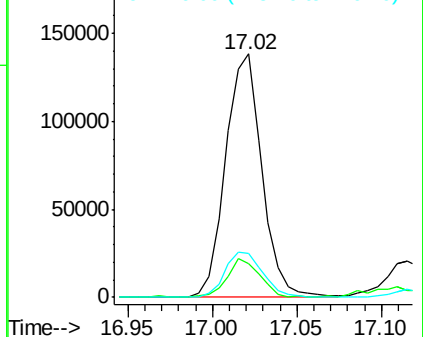
176 18.1 14.9 22.3



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



#71

Anthracene

Concen: 5.871 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.09 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

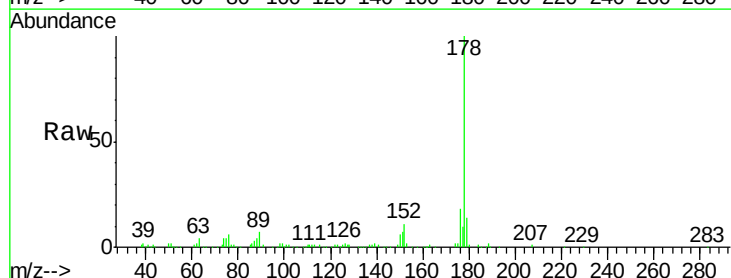
Tgt Ion:178 Resp: 206279

Ion Ratio Lower Upper

178 100

179 14.0 11.7 17.5

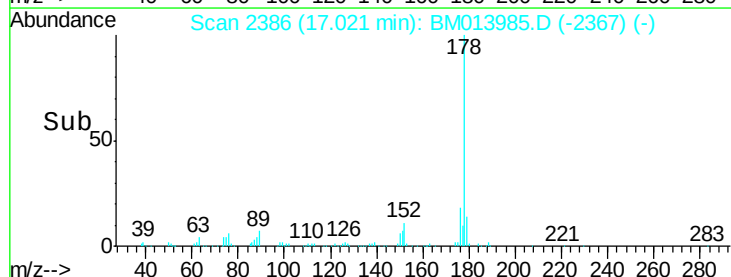
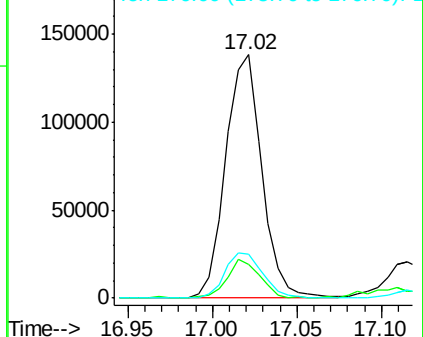
176 18.1 14.6 21.8

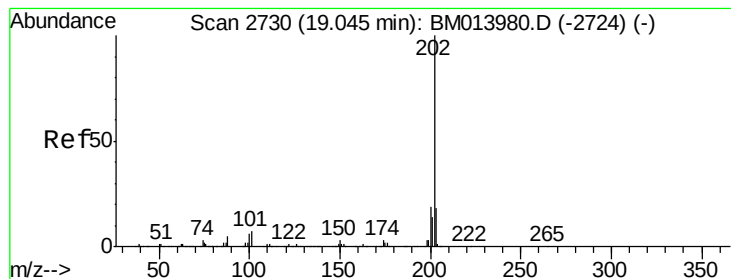


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 22.741 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

Instrument :

BNA_M

ClientSampleId :

F6B28DL

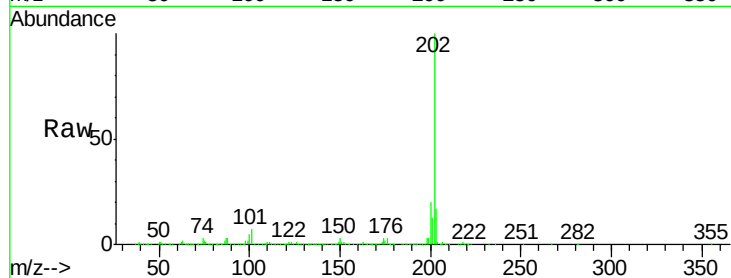
Tot Ion:202 Resp: 924669

Ion Ratio Lower Upper

202 100

101 6.7 4.6 7.0

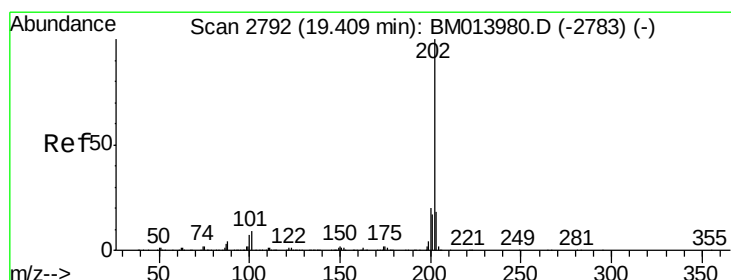
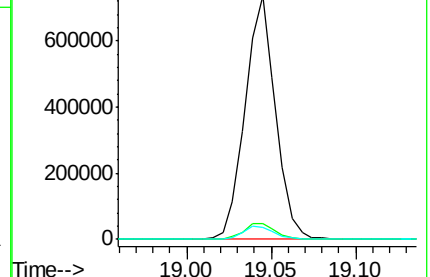
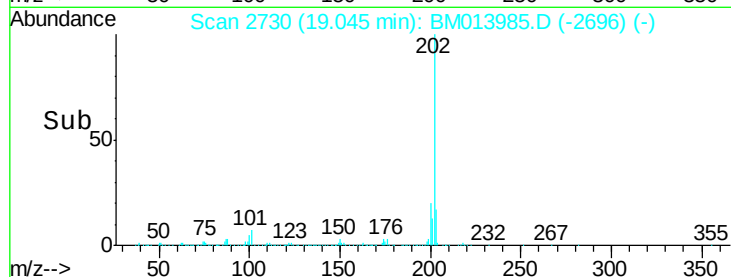
100 5.2 3.4 5.2



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

Pyrene

Concen: 15.124 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

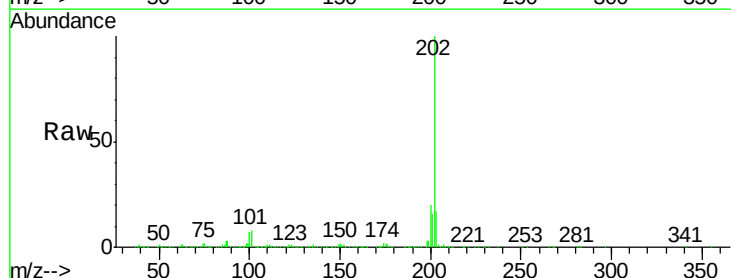
Tgt Ion:202 Resp: 771756

Ion Ratio Lower Upper

202 100

101 7.5 5.1 7.7

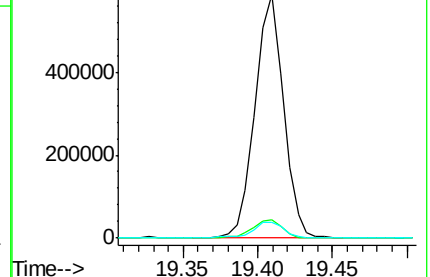
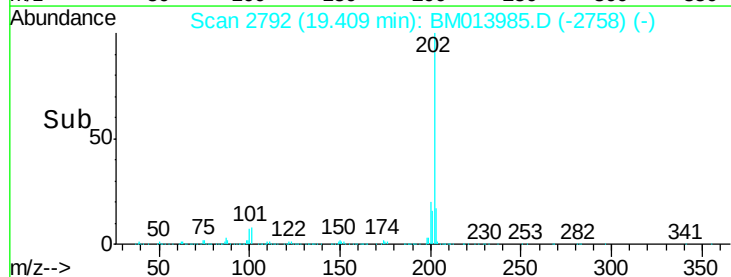
100 6.7 4.9 7.3

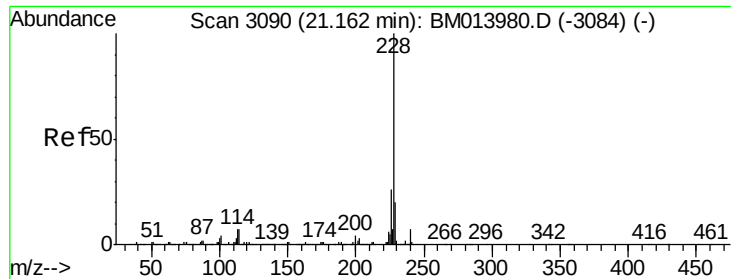


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 4.140 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.05 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

Instrument :

BNA_M

ClientSampleId :

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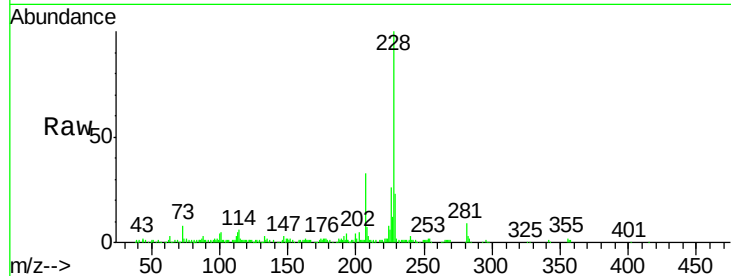
Tot Ion:228 Resp: 209960

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.4	23.0
226	26.1	21.4	32.0

228 100

229 22.8 15.4 23.0

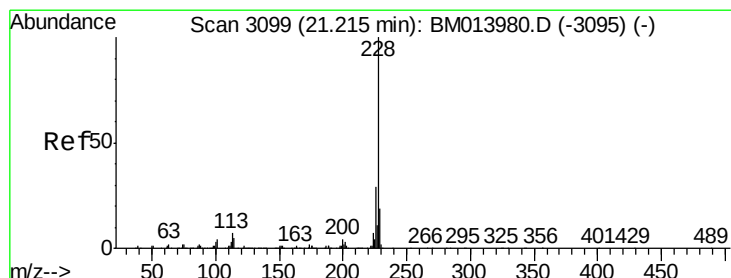
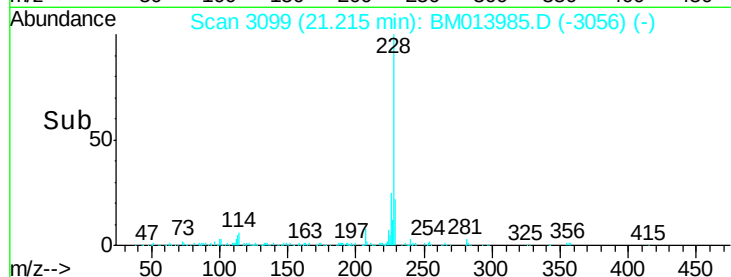
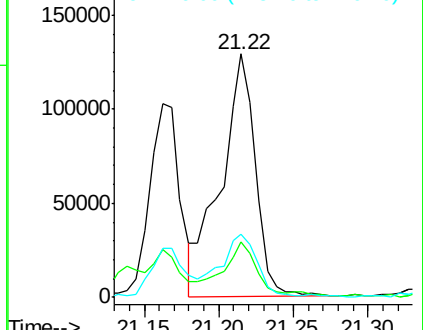
226 26.1 21.4 32.0



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: 4.551 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

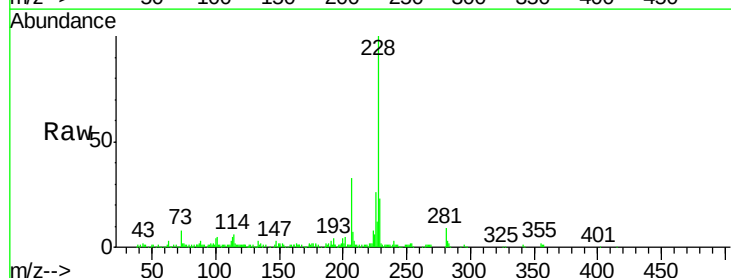
Tgt Ion:228 Resp: 211766

Ion	Ratio	Lower	Upper
228	100		
226	26.1	23.4	35.2
229	22.8	15.5	23.3

228 100

226 26.1 23.4 35.2

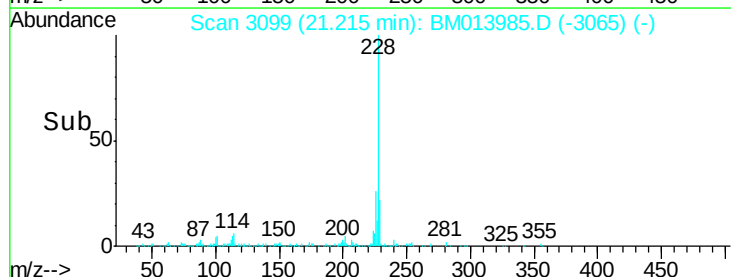
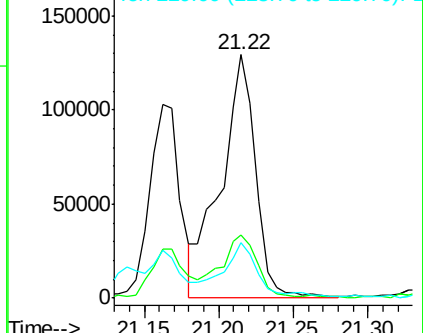
229 22.8 15.5 23.3

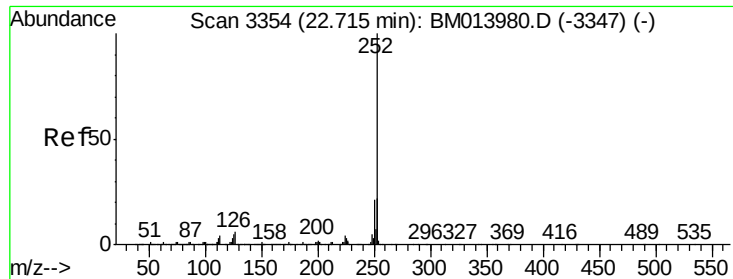


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 3.253 ng/ul

RT: 22.72 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

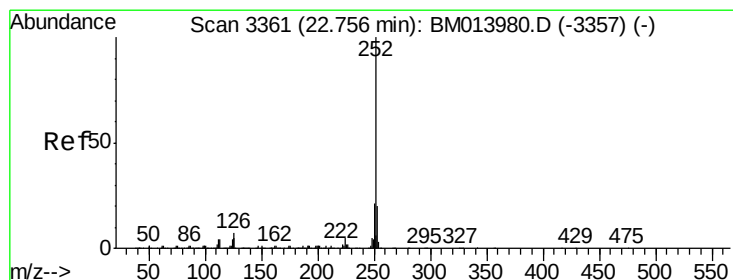
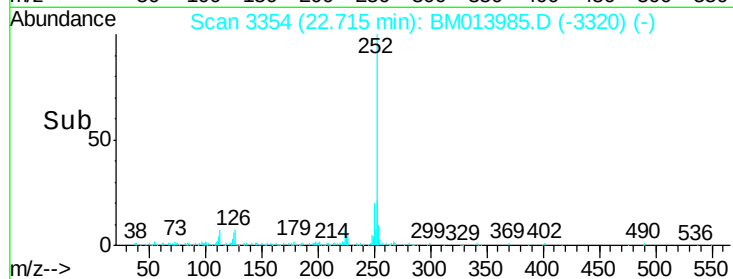
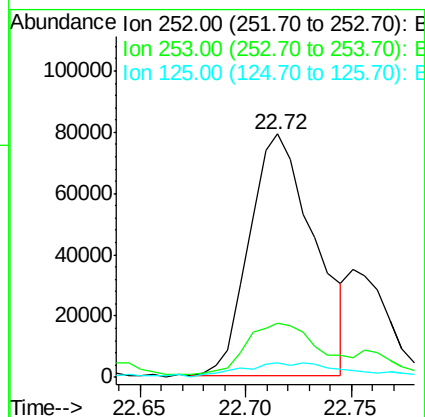
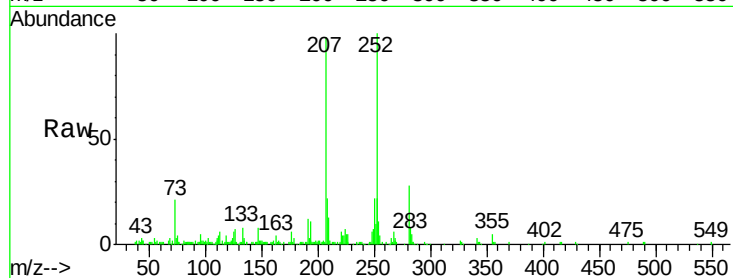
Instrument :

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Tot Ion:252	Resp:	169183
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.9 26.9
125	6.1	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 3.366 ng/ul

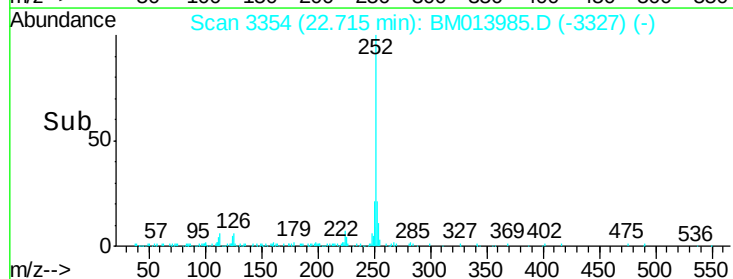
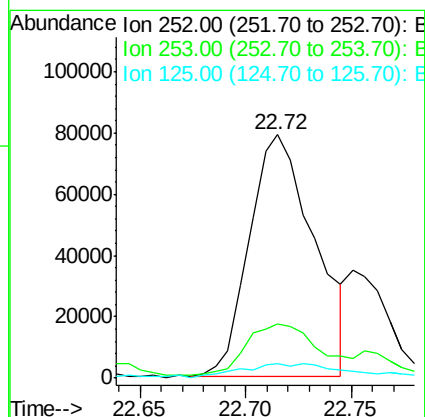
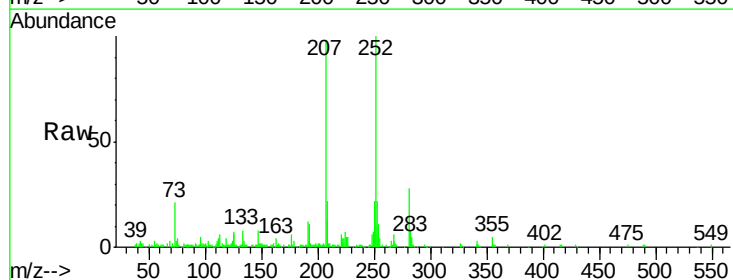
RT: 22.72 min Scan# 3354

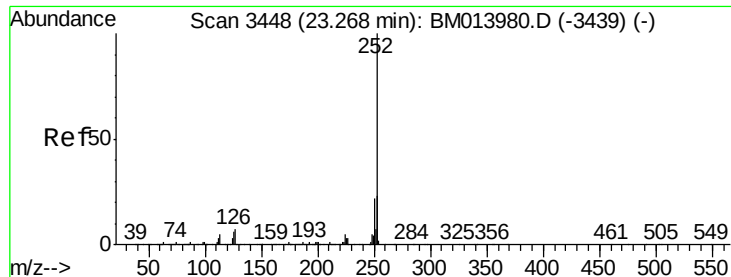
Delta R.T. -0.04 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

Tgt Ion:252	Resp:	169183
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.1 25.7
125	6.1	3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.244 ng/ul

RT: 23.26 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BM013985.D

Acq: 30 Jan 2018 07:28

Instrument :

BNA_M

ClientSampleId :

F6B28DL

Tot Ion:252 Resp: 61092

Ion Ratio Lower Upper

252 100

253 25.0 18.2 27.2

125 6.3 4.0 6.0#

