

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
 Data File : BM017065.D
 Acq On : 08 Oct 2018 14:14
 Operator : MJ/SJ
 Sample : J5230-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 09 02:37:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 09 02:36:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	192312	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	862193	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	464423	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1015805	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1108706	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1159997	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	12195	3.15	ng/uL	0.00
5) Phenol-d5	6.87	99	286418	17.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	191771	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	250248	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	212173	16.84	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	119819	19.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	110787	17.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	235022	17.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	280838	17.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	722320	19.60	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	948232	20.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	39868	5.73	ng/ul	0.00
58) Fluorene-d10	15.33	176	669646	20.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	37762	6.30	ng/ul	0.00
71) Anthracene-d10	17.18	188	975172	20.10	ng/ul	0.00
79) Pyrene-d10	19.47	212	1103721	22.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1268700	21.36	ng/ul	0.00

Target Compounds

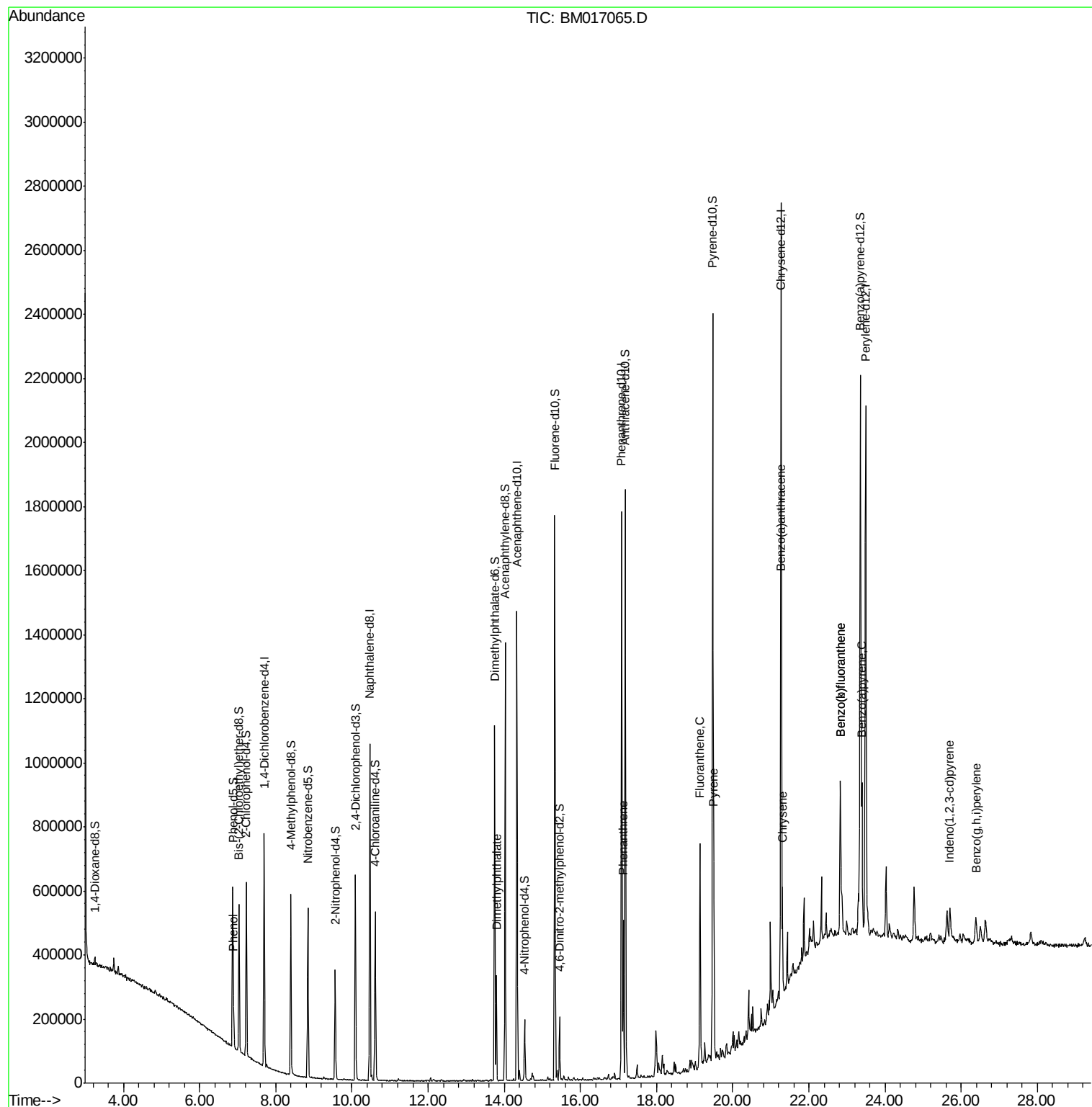
				Ovalue	
6) Phenol	6.89	94	55577	3.456	ng/ul 99
45) Dimethylphthalate	13.79	163	202604	5.553	ng/ul 100
70) Phenanthrene	17.12	178	277510	4.872	ng/ul 100
77) Fluoranthene	19.14	202	377371	5.720	ng/ul 99
80) Pyrene	19.50	202	344721	5.366	ng/ul 98
83) Benzo(a)anthracene	21.25	228	170685	2.566	ng/ul 98
85) Chrysene	21.30	228	172068	2.675	ng/ul 98
88) Benzo(b)fluoranthene	22.83	252	216219	3.130	ng/ul# 96
89) Benzo(k)fluoranthene	22.83	252	216219	3.258	ng/ul# 96
91) Benzo(a)pyrene	23.39	252	151809	2.281	ng/ul# 93
92) Indeno(1,2,3-cd)pyrene	25.71	276	95789	1.219	ng/ul# 94
94) Benzo(g,h,i)perylene	26.39	276	93486	1.429	ng/ul 99

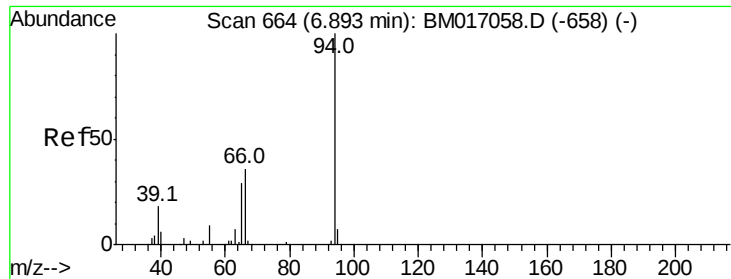
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
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Misc :
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Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 09 02:37:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 09 02:36:15 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.456 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM017065.D

Acq: 08 Oct 2018 14:14

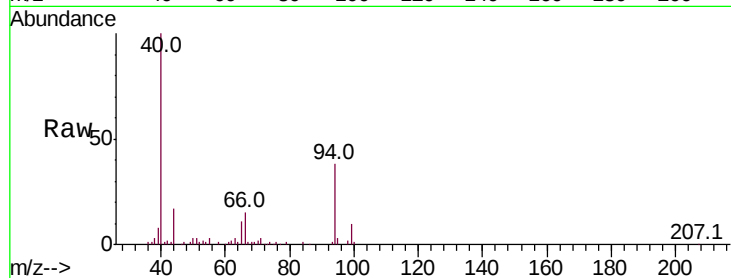
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 55577

Ion	Ratio	Lower	Upper
94	100		
65	28.8	22.8	34.2
66	38.0	29.5	44.3

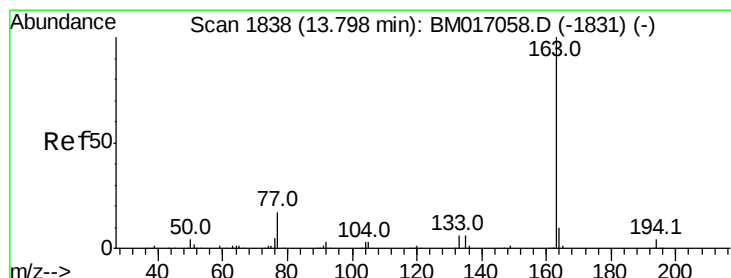
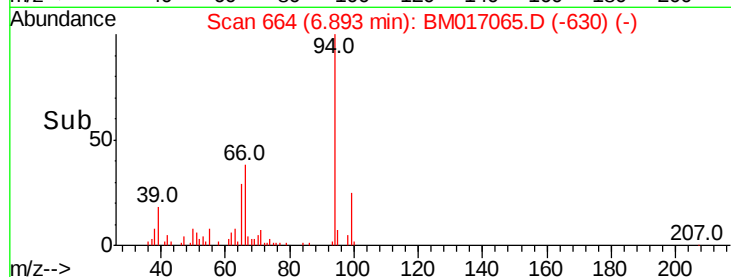
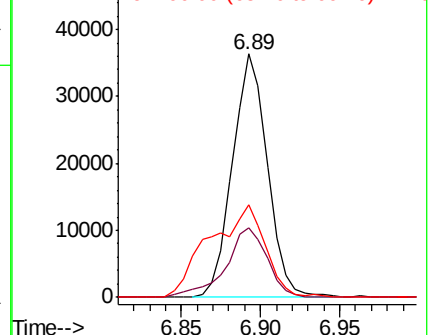


Abundance

Ion 94.00 (93.70 to 94.70): BM017058.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BM017058.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BM017058.D (-658) (-)



#45

Dimethylphthalate

Concen: 5.553 ng/ul

RT: 13.79 min Scan# 1837

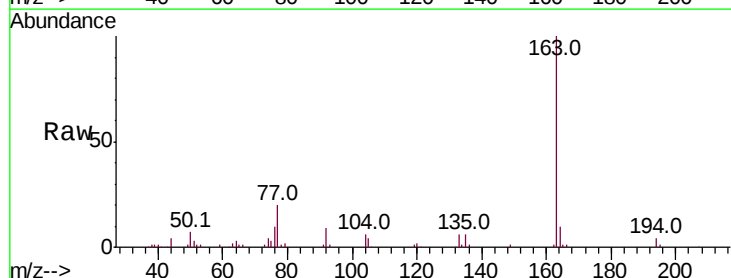
Delta R.T. -0.01 min

Lab File: BM017065.D

Acq: 08 Oct 2018 14:14

Tgt Ion: 163 Resp: 202604

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.0	12.0

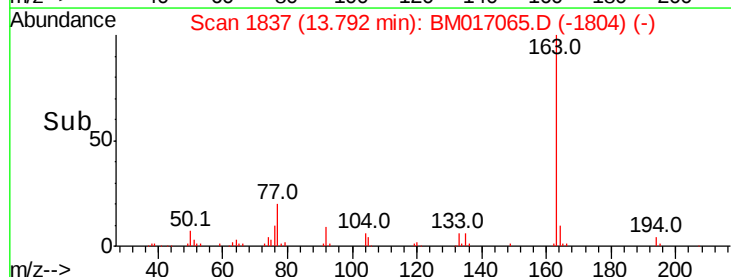
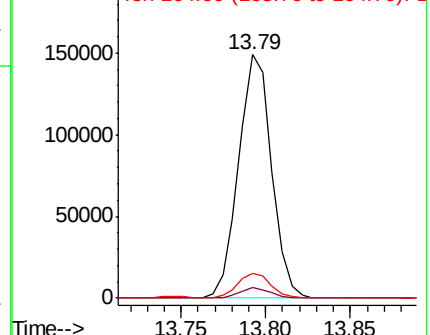


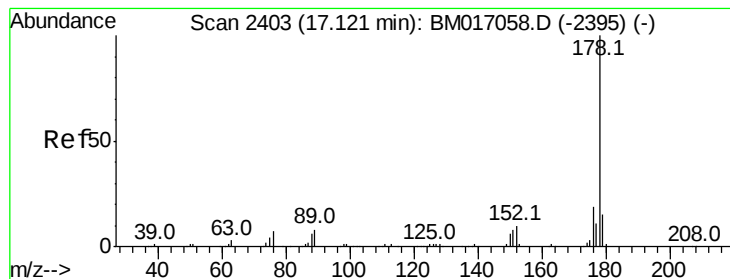
Abundance

Ion 163.00 (162.70 to 163.70): BM017058.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BM017058.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BM017058.D (-1831) (-)





#70

Phenanthrene

Concen: 4.872 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM017065.D

Acq: 08 Oct 2018 14:14

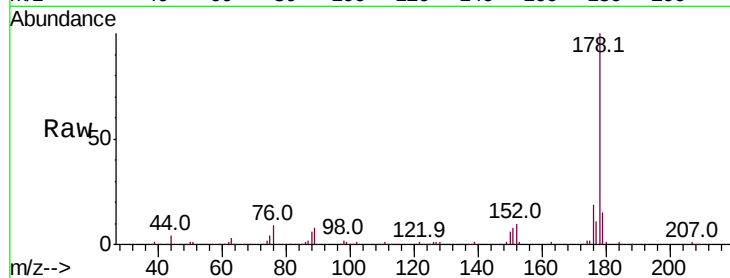
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 277510

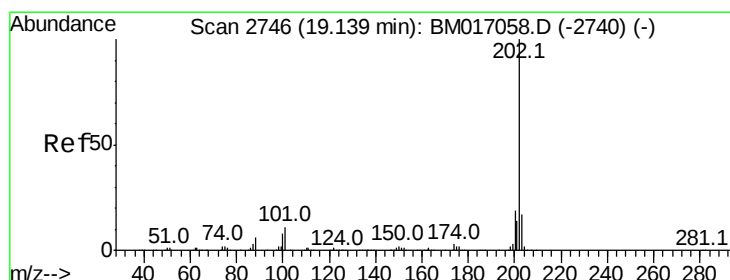
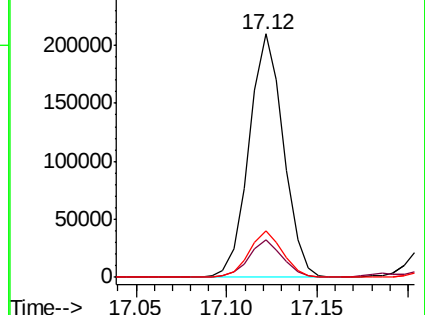
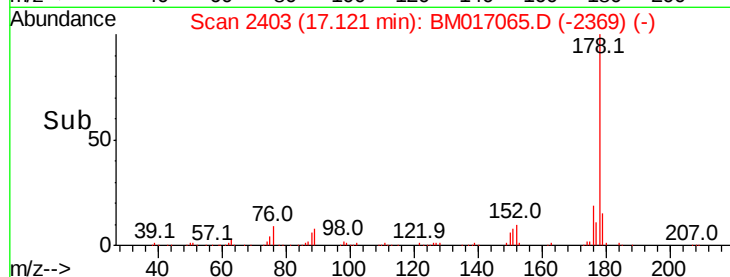
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.0	15.0	22.4



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



#77

Fluoranthene

Concen: 5.720 ng/ul

RT: 19.14 min Scan# 2746

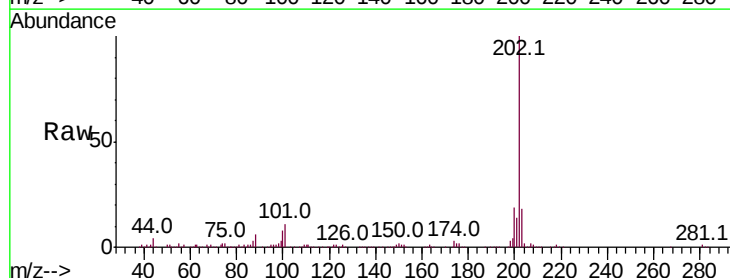
Delta R.T. 0.00 min

Lab File: BM017065.D

Acq: 08 Oct 2018 14:14

Tgt Ion:202 Resp: 377371

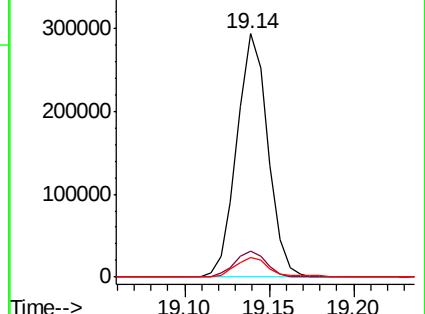
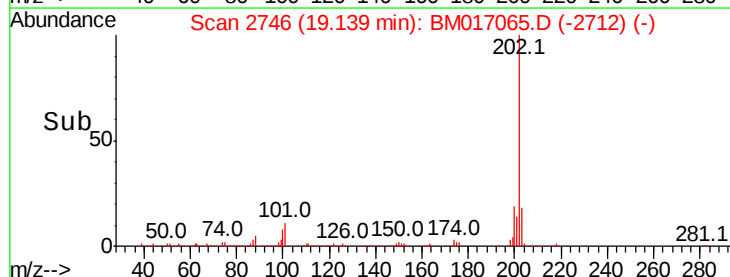
Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.3	12.5
100	7.9	6.6	9.8

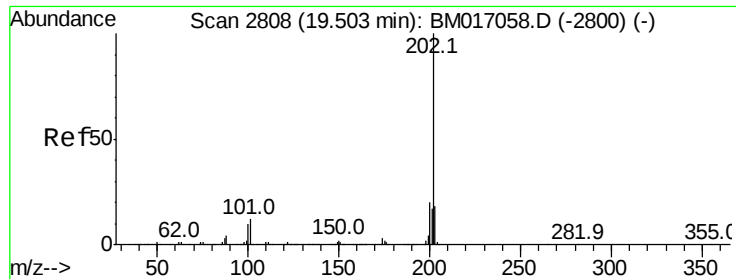


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

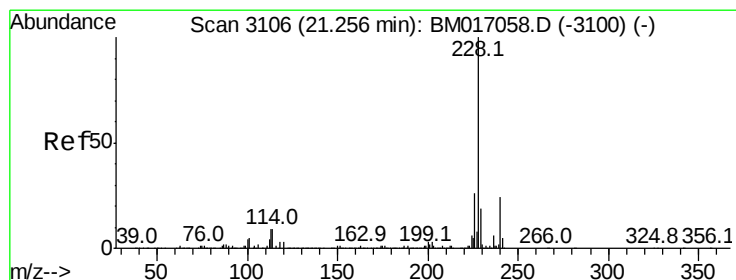
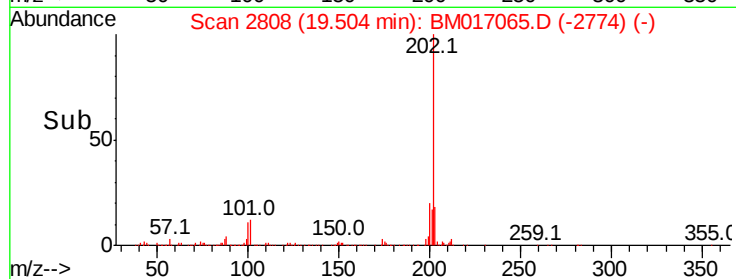
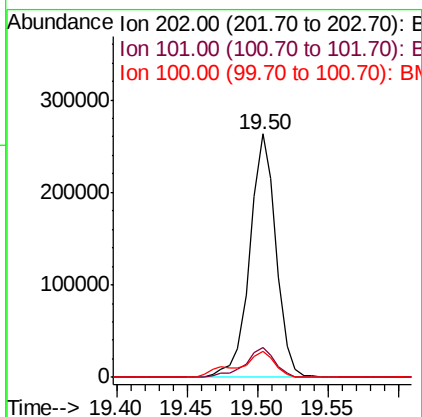
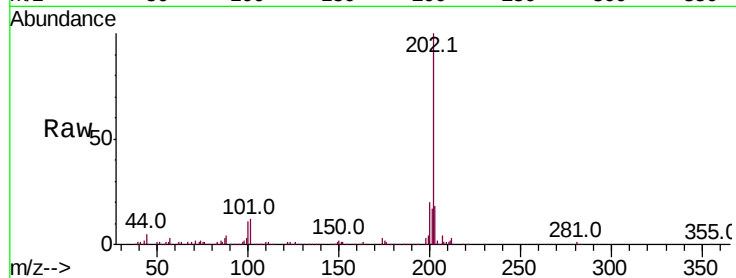




#80
Pvrene
Concen: 5.366 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BM017065.D
Acq: 08 Oct 2018 14:14

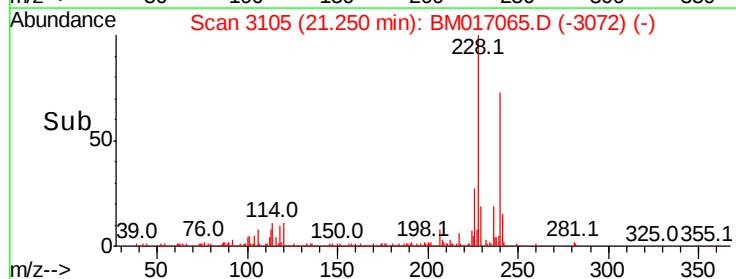
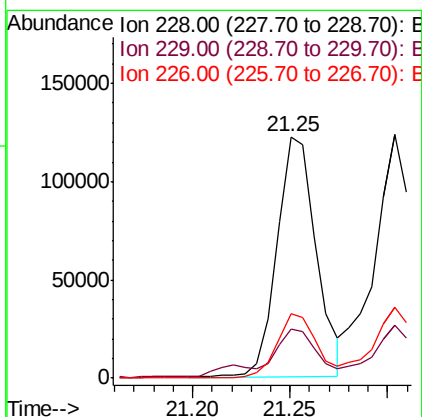
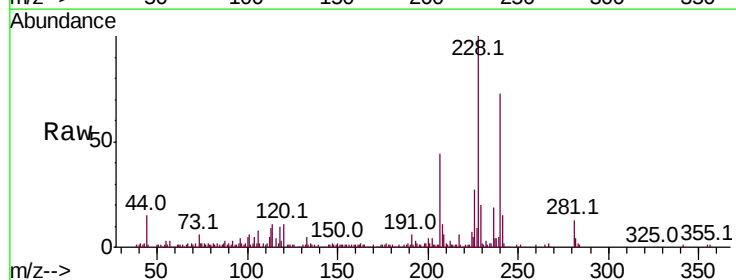
Instrument :
BNA_M
ClientSampleId :

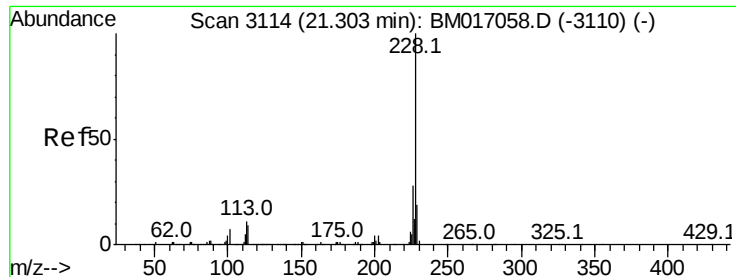
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.8	16.2
100	10.7	8.9	13.3



#83
Benzo(a)anthracene
Concen: 2.566 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017065.D
Acq: 08 Oct 2018 14:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	26.9	20.9	31.3





#85

Chrysene

Concen: 2.675 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM017065.D

Acq: 08 Oct 2018 14:14

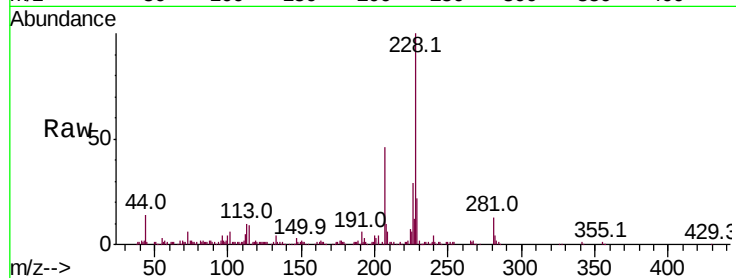
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 172068

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	21.6	15.6	23.4

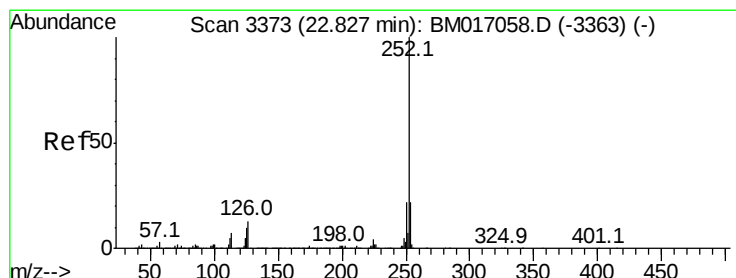
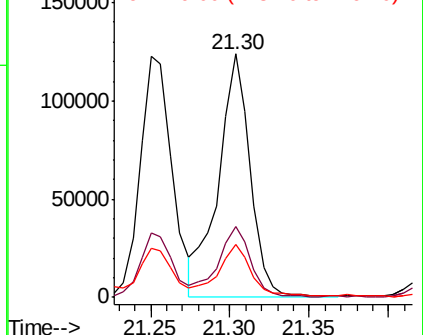
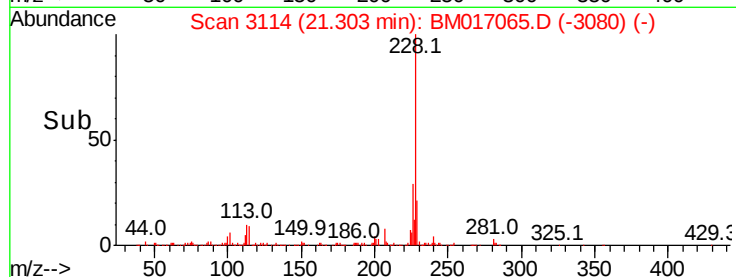


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 3.130 ng/ul

RT: 22.83 min Scan# 3373

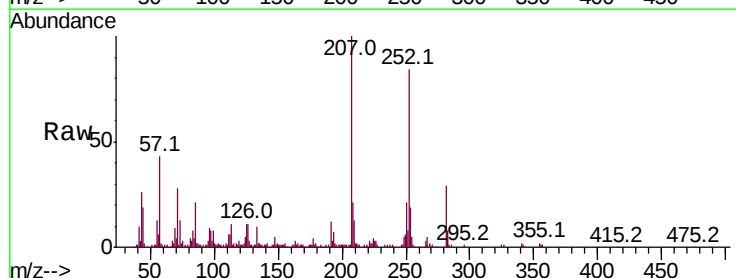
Delta R.T. 0.00 min

Lab File: BM017065.D

Acq: 08 Oct 2018 14:14

Tgt Ion:252 Resp: 216219

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	12.9	8.2	12.4

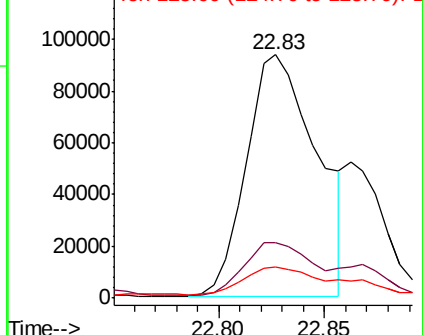
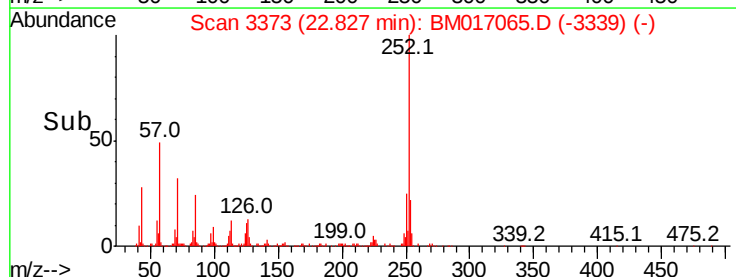


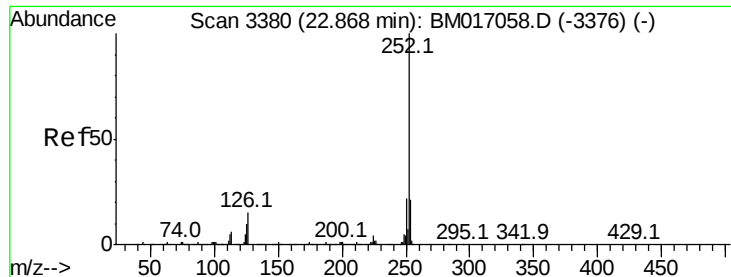
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 3.258 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.04 min

Lab File: BM017065.D

Acq: 08 Oct 2018 14:14

Instrument :

BNA_M

ClientSampleId :

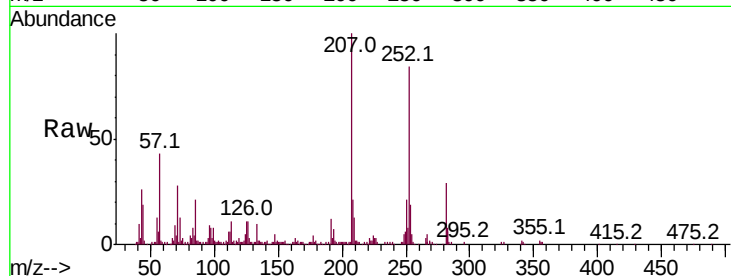
Tot Ion:252 Resp: 216219

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

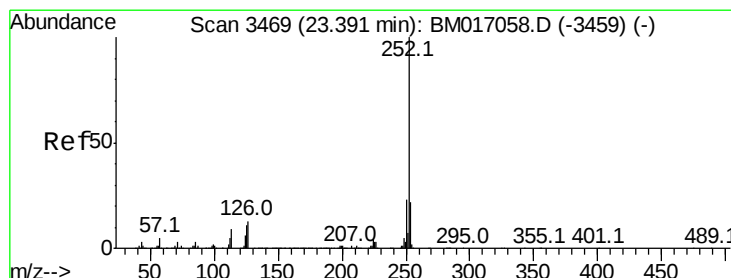
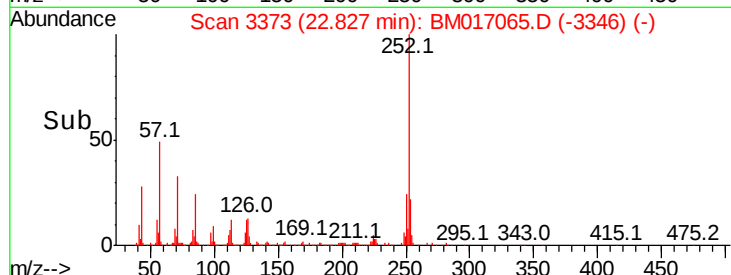
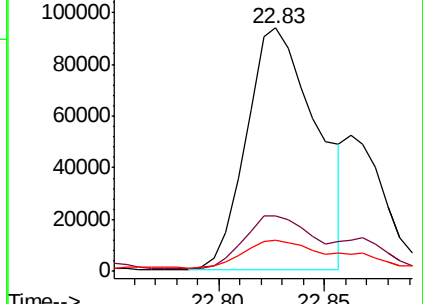
125 12.9 8.2 12.4#



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



#91

Benzo(a)pyrene

Concen: 2.281 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. 0.00 min

Lab File: BM017065.D

Acq: 08 Oct 2018 14:14

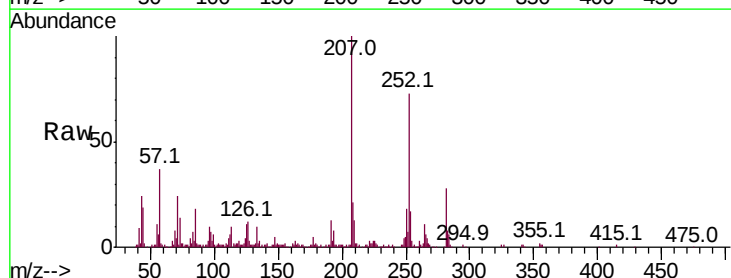
Tgt Ion:252 Resp: 151809

Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.4

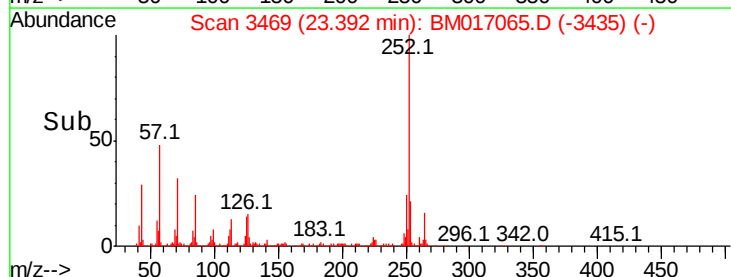
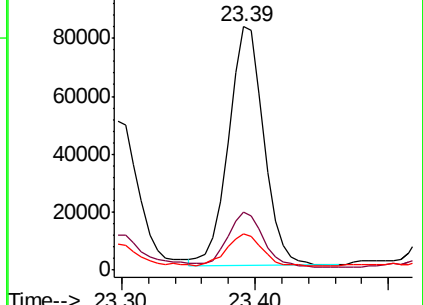
125 15.1 9.0 13.6#

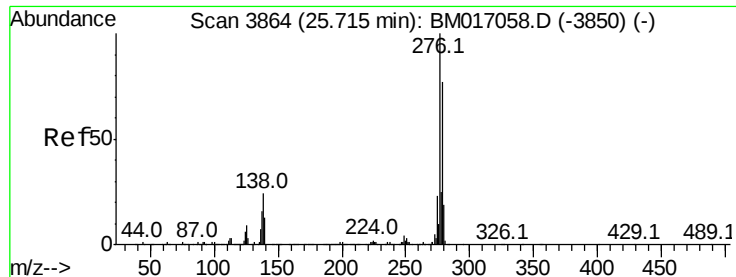


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



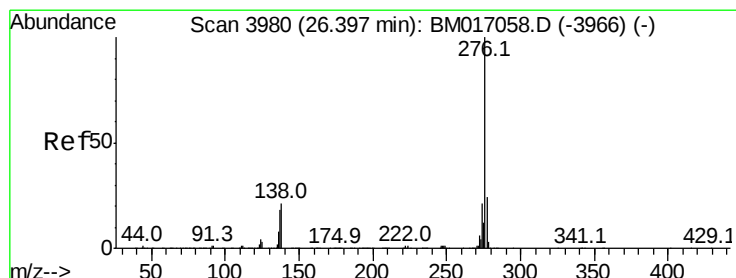
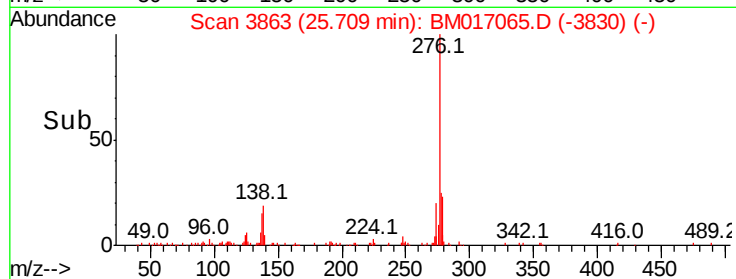
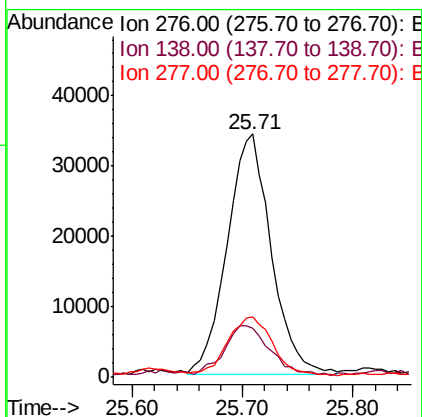
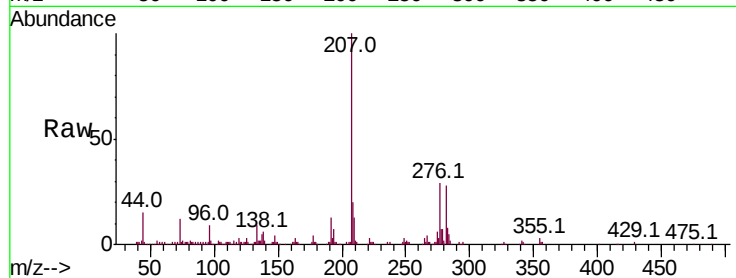


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.219 ng/ul
RT: 25.71 min Scan# 3863
Delta R.T. -0.01 min
Lab File: BM017065.D
Acq: 08 Oct 2018 14:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	20.3	30.5#
277	24.8	20.2	30.2



#94

Benzo(g,h,i)perylene
Concen: 1.429 ng/ul
RT: 26.39 min Scan# 3978
Delta R.T. -0.01 min
Lab File: BM017065.D
Acq: 08 Oct 2018 14:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.5	26.3
277	23.0	18.5	27.7

