

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101817\
 Data File : BM012290.D
 Acq On : 18 Oct 2017 21:49
 Operator : SJ/JU
 Sample : I5656-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 18 23:11:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 23:09:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	217089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	954401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	442982	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1050248	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	973429	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	822655	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	20448	4.48	ng/uL	0.00
5) Phenol-d5	6.95	99	613646	34.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	390988	37.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	582681	39.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	642428	42.36	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	304009	41.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	364128	42.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	659317	40.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	831711	54.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1755511	44.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2062408	43.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	176488	29.98	ng/ul	0.00
57) Fluorene-d10	15.43	176	1472672	45.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	261249	36.24	ng/ul	0.00
70) Anthracene-d10	17.28	188	2256795	43.46	ng/ul	0.00
76) Pyrene-d10	19.57	212	2587215	52.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1831610	46.18	ng/ul	0.00

Target Compounds

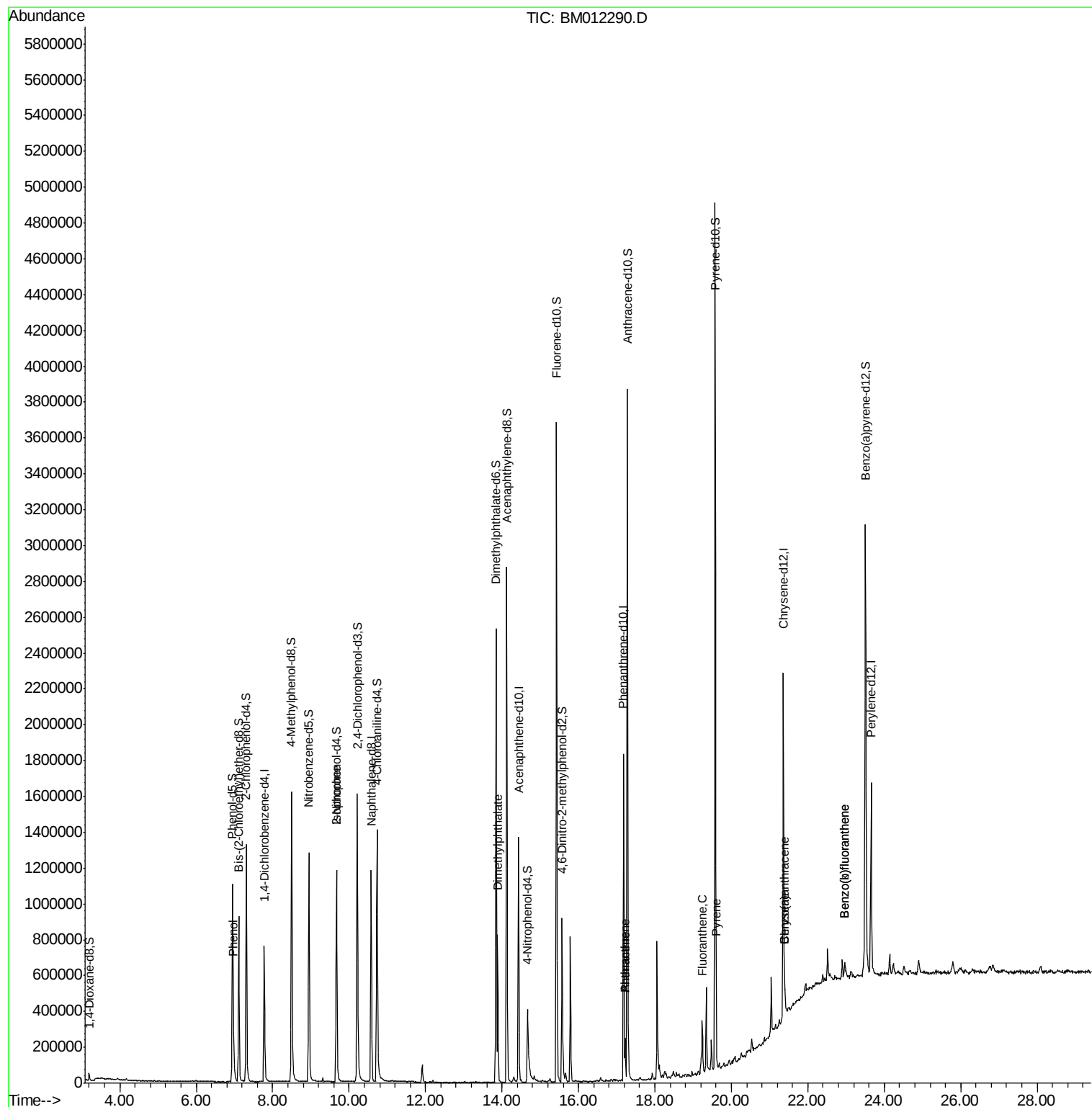
					Ovalue	
6) Phenol	6.98	94	110621	6.075	ng/ul#	90
21) Isophorone	9.67	82	34810	1.030	ng/ul#	70
44) Dimethylphthalate	13.89	163	534855	13.635	ng/ul	98
69) Phenanthrene	17.22	178	133946	2.242	ng/ul	98
71) Anthracene	17.22	178	133946	2.166	ng/ul	99
74) Fluoranthene	19.25	202	167895	2.329	ng/ul	99
77) Pyrene	19.60	202	150665	2.344	ng/ul	99
80) Benzo(a)anthracene	21.40	228	68526	1.082	ng/ul	97
82) Chrysene	21.40	228	68526	1.152	ng/ul	95
85) Benzo(b)fluoranthene	22.97	252	62928	1.172	ng/ul#	91
86) Benzo(k)fluoranthene	22.97	252	62928	1.216	ng/ul#	92

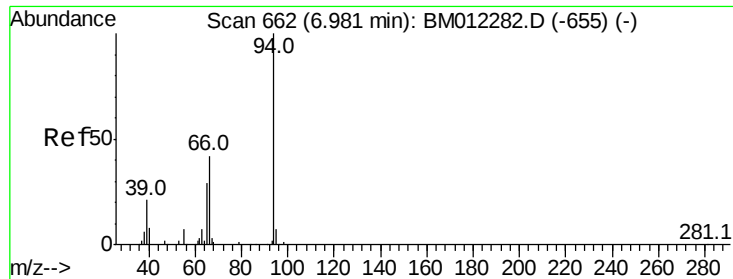
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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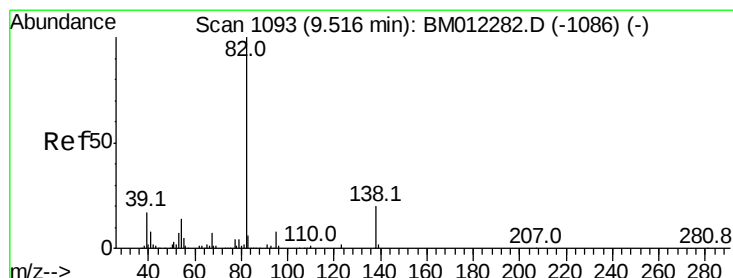
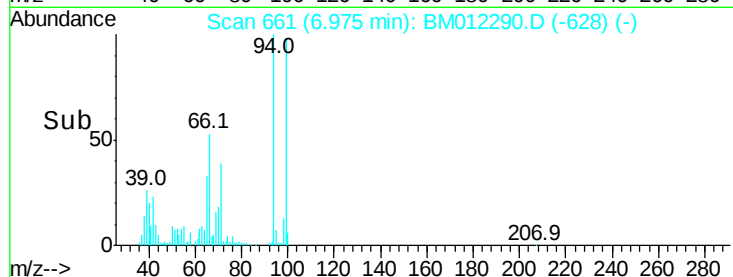
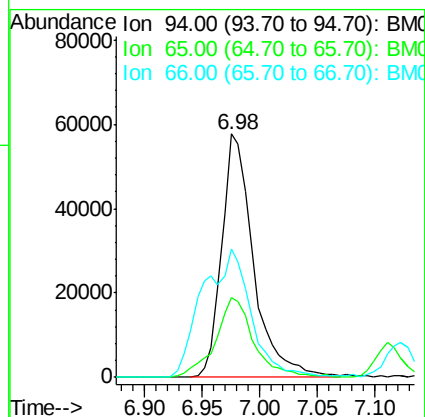
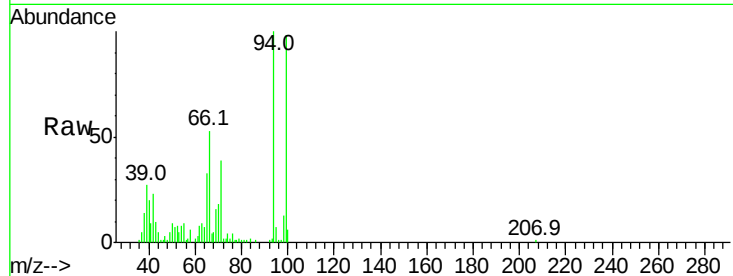
#6

Phenol

Concen: 6.075 ng/ul
 RT: 6.98 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BM012290.D
 Acq: 18 Oct 2017 21:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	94	Resp	110621
Ion Ratio	100	Lower	Upper
65	32.9	24.4	36.6
66	52.7	35.0	52.4#

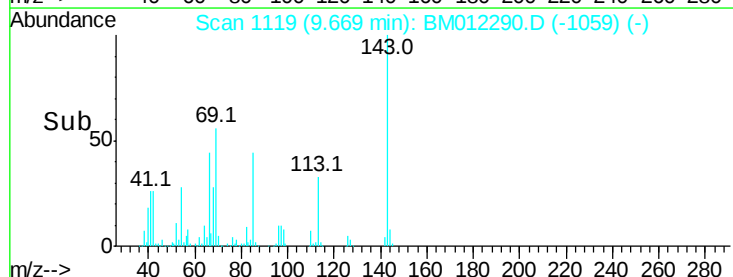
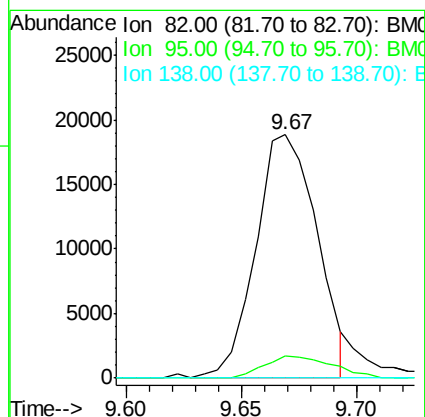
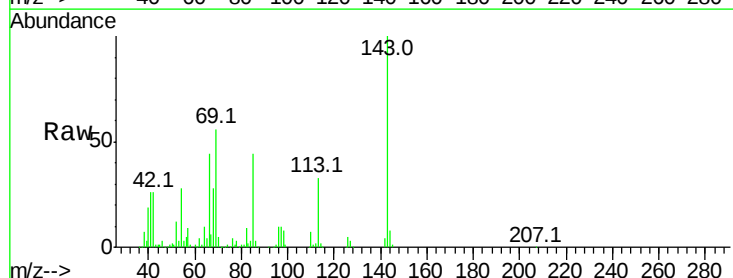


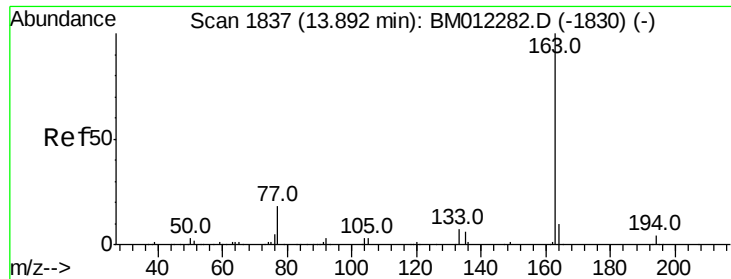
#21

Isophorone

Concen: 1.030 ng/ul
 RT: 9.67 min Scan# 1119
 Delta R.T. 0.15 min
 Lab File: BM012290.D
 Acq: 18 Oct 2017 21:49

Tgt Ion	82	Resp	34810
Ion Ratio	100	Lower	Upper
95	9.2	7.1	10.7
138	0.0	15.8	23.8#





#44

Dimethylphthalate

Concen: 13.635 ng/ul

RT: 13.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

Instrument :

BNA_M

ClientSampled :

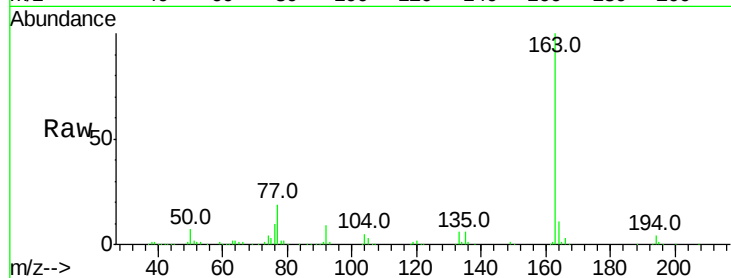
Tot Ion:163 Resp: 534855

Ion Ratio Lower Upper

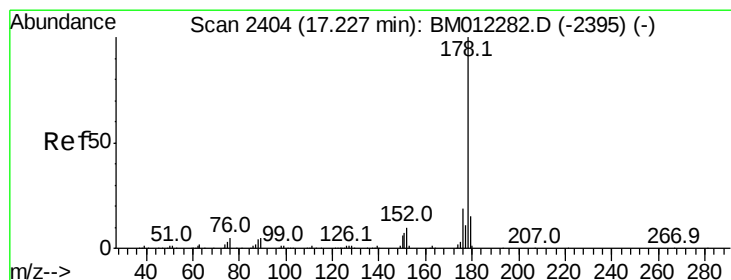
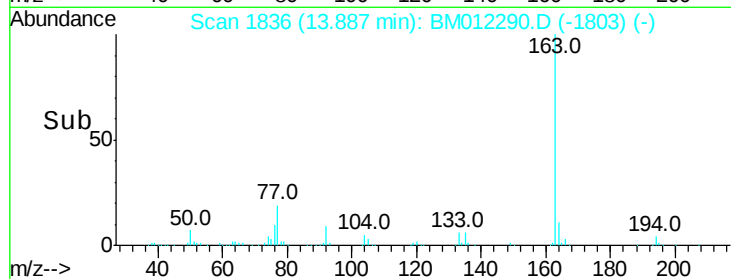
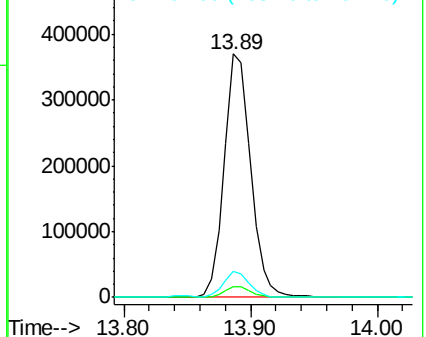
163 100

194 4.2 3.7 5.5

164 10.8 8.1 12.1



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



#69

Phenanthrene

Concen: 2.242 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

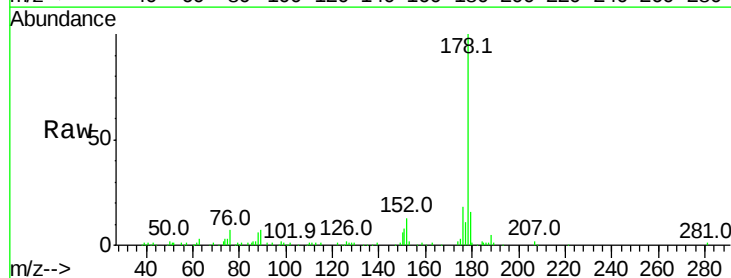
Tgt Ion:178 Resp: 133946

Ion Ratio Lower Upper

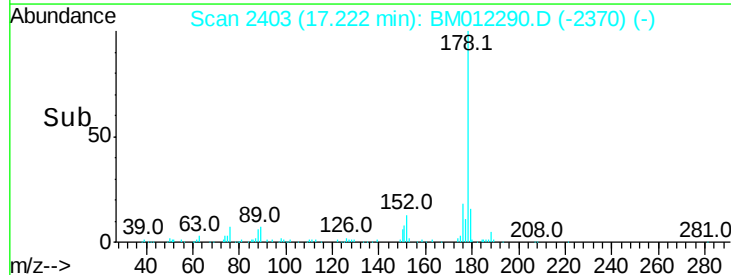
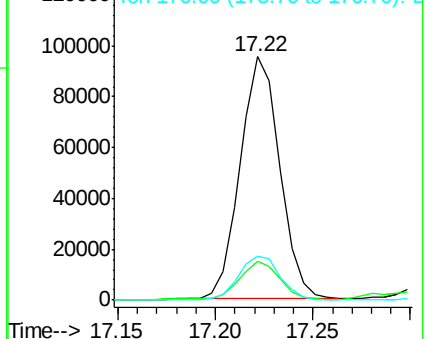
178 100

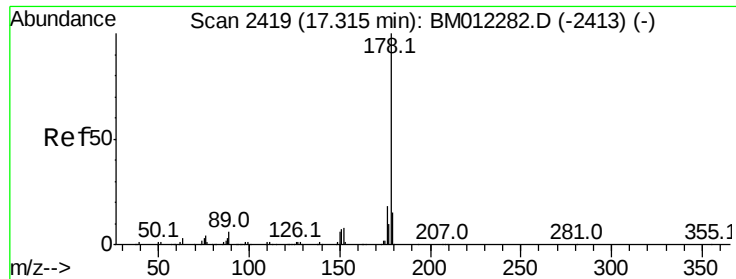
179 15.7 12.0 18.0

176 18.0 15.0 22.6



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

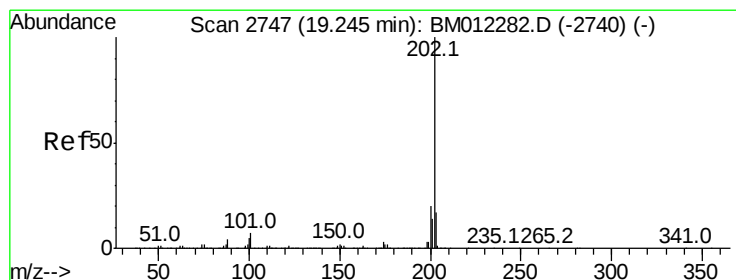
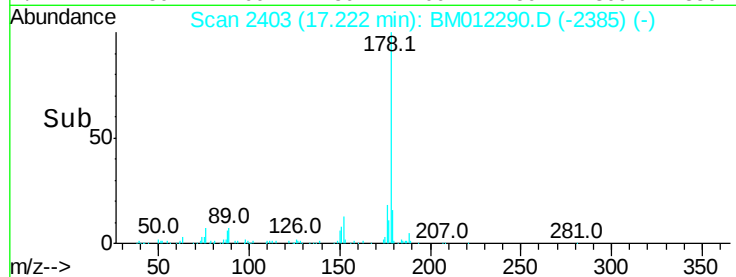
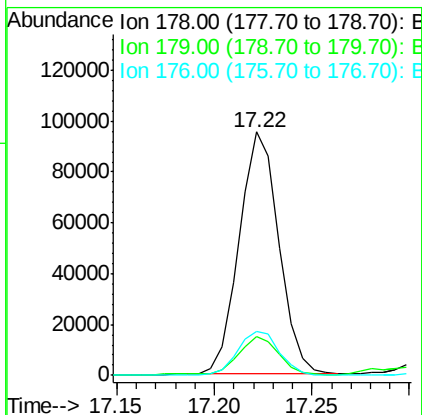
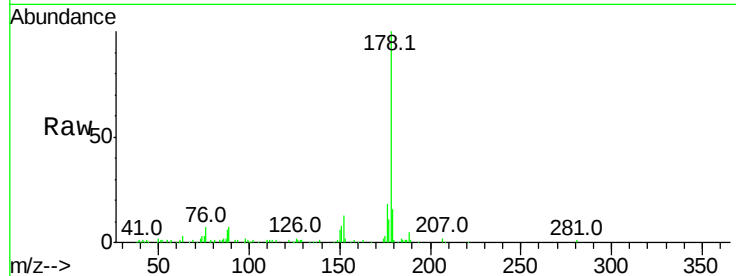




#71
 Anthracene
 Concen: 2.166 ng/ul
 RT: 17.22 min Scan# 2403
 Delta R.T. -0.09 min
 Lab File: BM012290.D
 Acq: 18 Oct 2017 21:49

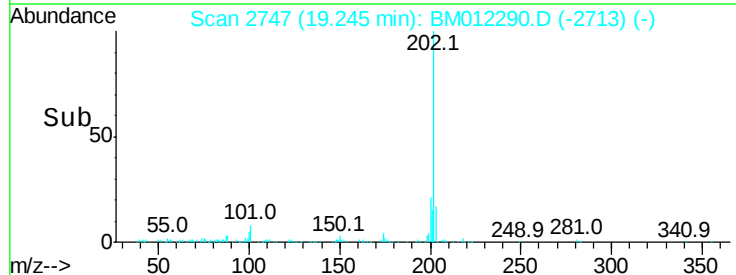
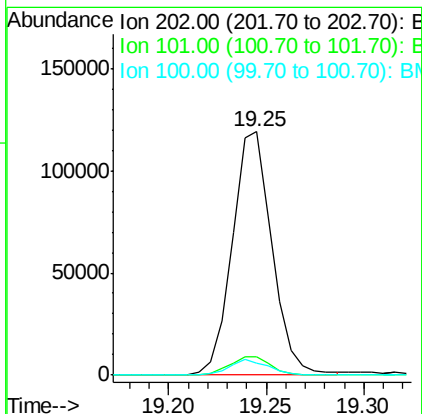
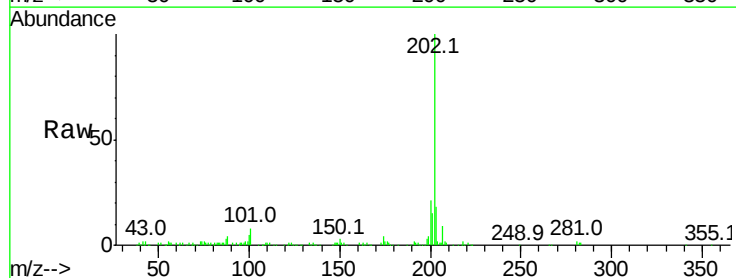
Instrument :
 BNA_M
 ClientSampleId :

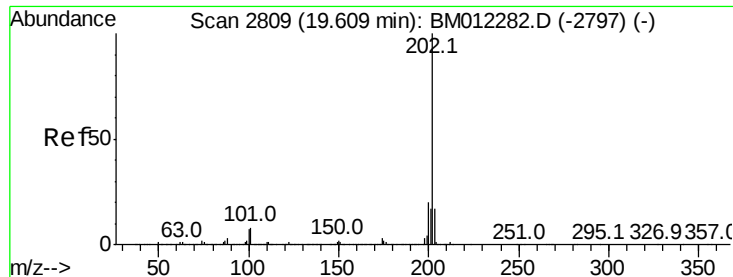
Tot Ion:178 Resp: 133946
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.2 18.4
 176 18.0 14.7 22.1



#74
 Fluoranthene
 Concen: 2.329 ng/ul
 RT: 19.25 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BM012290.D
 Acq: 18 Oct 2017 21:49

Tgt Ion:202 Resp: 167895
 Ion Ratio Lower Upper
 202 100
 101 7.8 5.8 8.6
 100 5.0 4.3 6.5





#77

Pvrene

Concen: 2.344 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012290.D

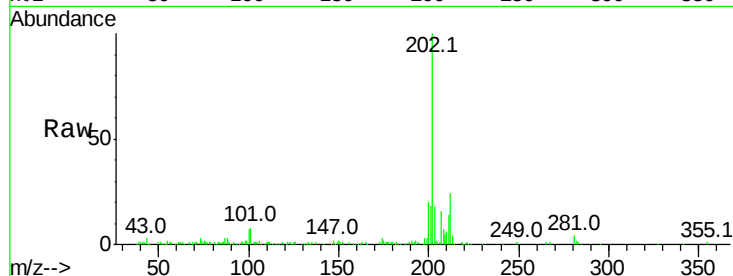
Acq: 18 Oct 2017 21:49

Instrument :

BNA_M

ClientSampled :

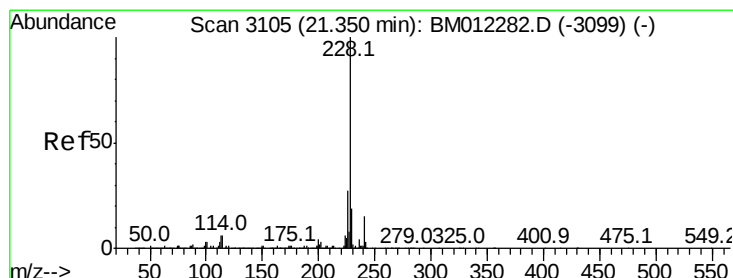
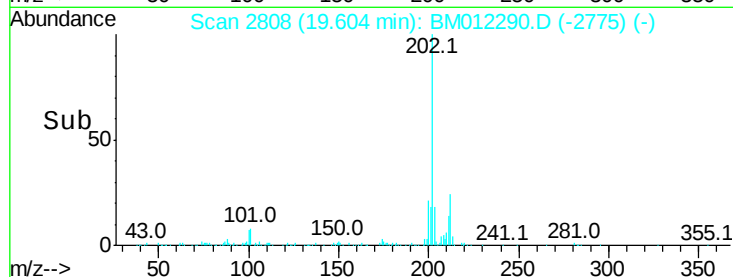
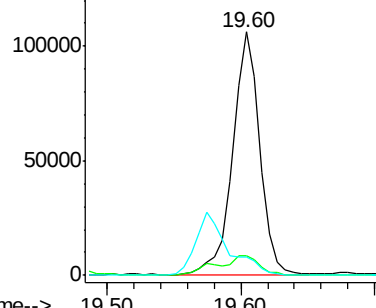
Tot Ion:	202	Resp:	150665
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.5	9.7
100	7.3	5.6	8.4



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: 1.082 ng/ul

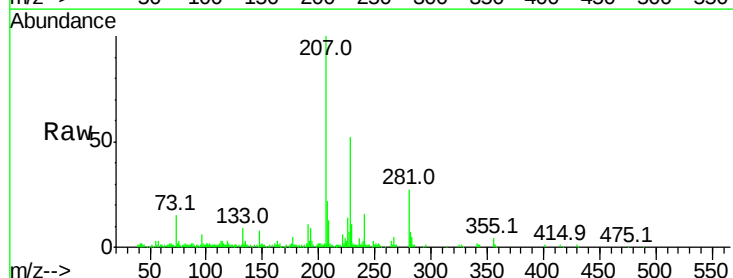
RT: 21.40 min Scan# 3114

Delta R.T. 0.05 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

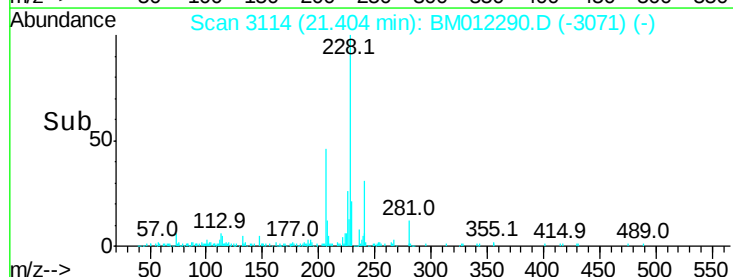
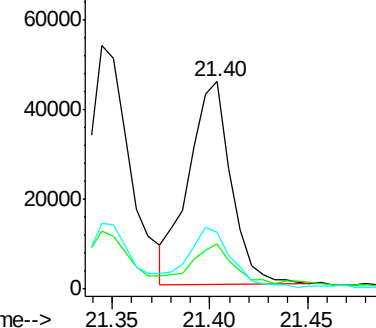
Tgt Ion:	228	Resp:	68526
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.8	23.8
226	27.6	21.4	32.2

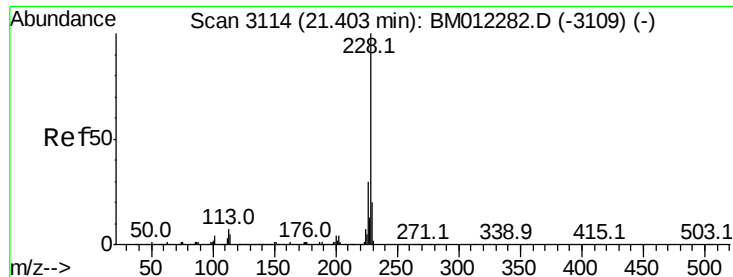


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.152 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

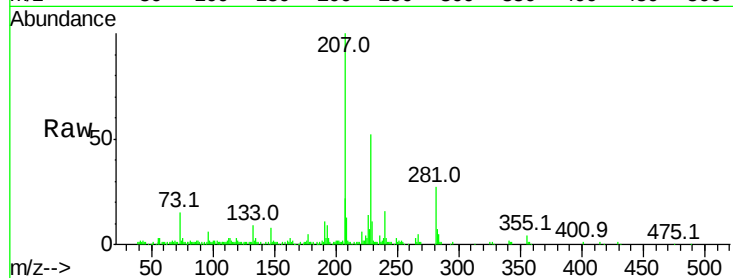
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 68526

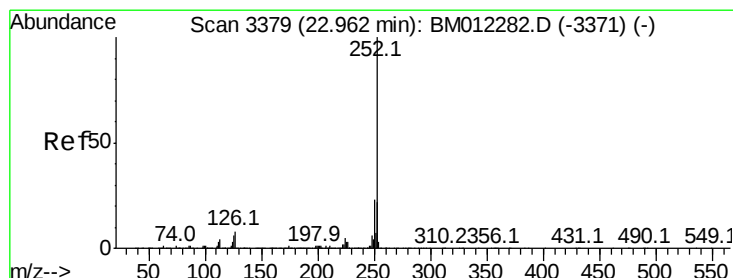
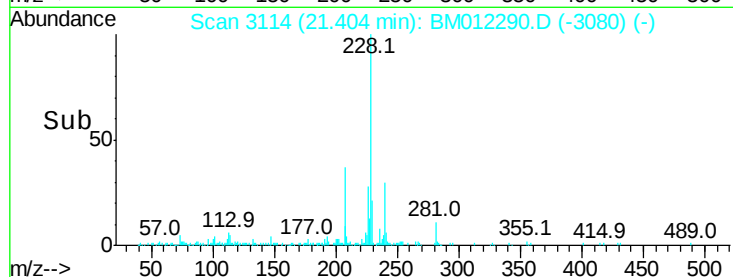
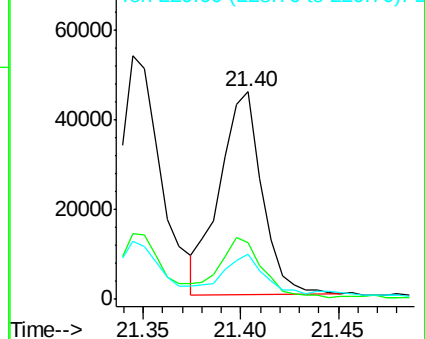
Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.0	36.0
229	22.0	15.5	23.3



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: 1.172 ng/ul

RT: 22.97 min Scan# 3380

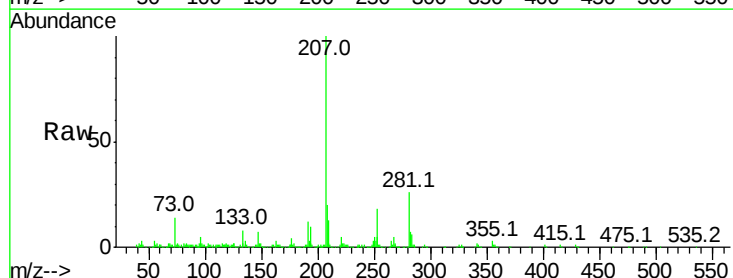
Delta R.T. 0.01 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

Tgt Ion:252 Resp: 62928

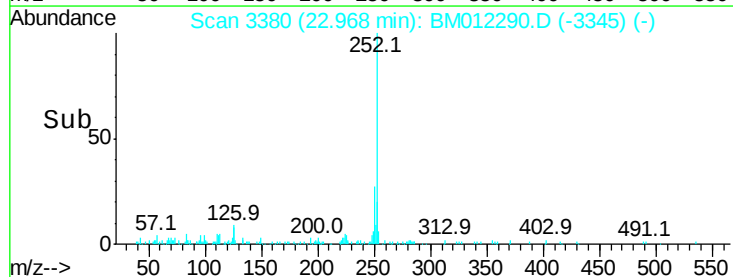
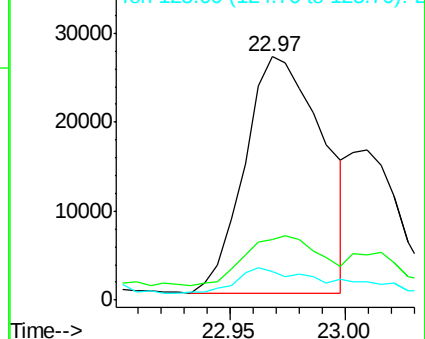
Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	11.8	5.1	7.7#

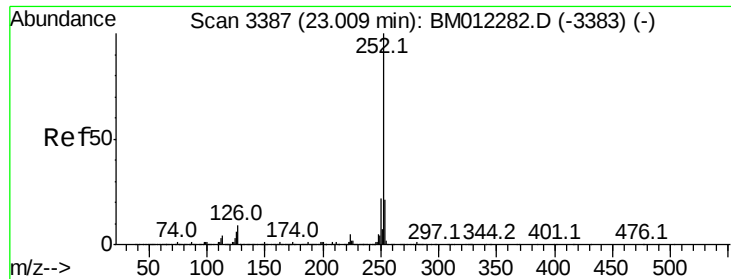


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.216 ng/ul

RT: 22.97 min Scan# 3380

Delta R.T. -0.04 min

Lab File: BM012290.D

Acq: 18 Oct 2017 21:49

Instrument :

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ClientSampleId :

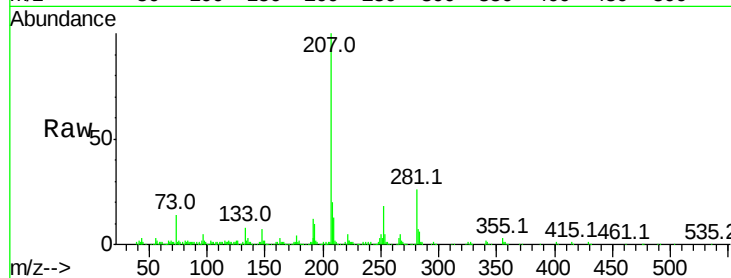
Tot Ion:252 Resp: 62928

Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.6

125 11.8 4.9 7.3#



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

