

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
 Data File : BM012560.D
 Acq On : 29 Oct 2017 12:37
 Operator : SJ/JU
 Sample : I5919-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DL8

Quant Time: Oct 30 16:58:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 16:46:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	520663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1973346	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1137996	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2539686	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2927497	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3284640	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	56588	5.55	ng/uL	0.00
5) Phenol-d5	7.03	99	990346	22.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	630606	24.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	830251	25.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	592881	15.95	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	405921	32.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	445461	34.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	839315	24.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	626409	17.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2556772	25.72	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3254130	27.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	277279	18.76	ng/ul	0.00
57) Fluorene-d10	15.49	176	2234271	26.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	247278	20.12	ng/ul	0.00
70) Anthracene-d10	17.33	188	3399633	28.09	ng/ul	0.00
76) Pyrene-d10	19.63	212	3889964	28.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	4387752	28.12	ng/ul	0.00

Target Compounds

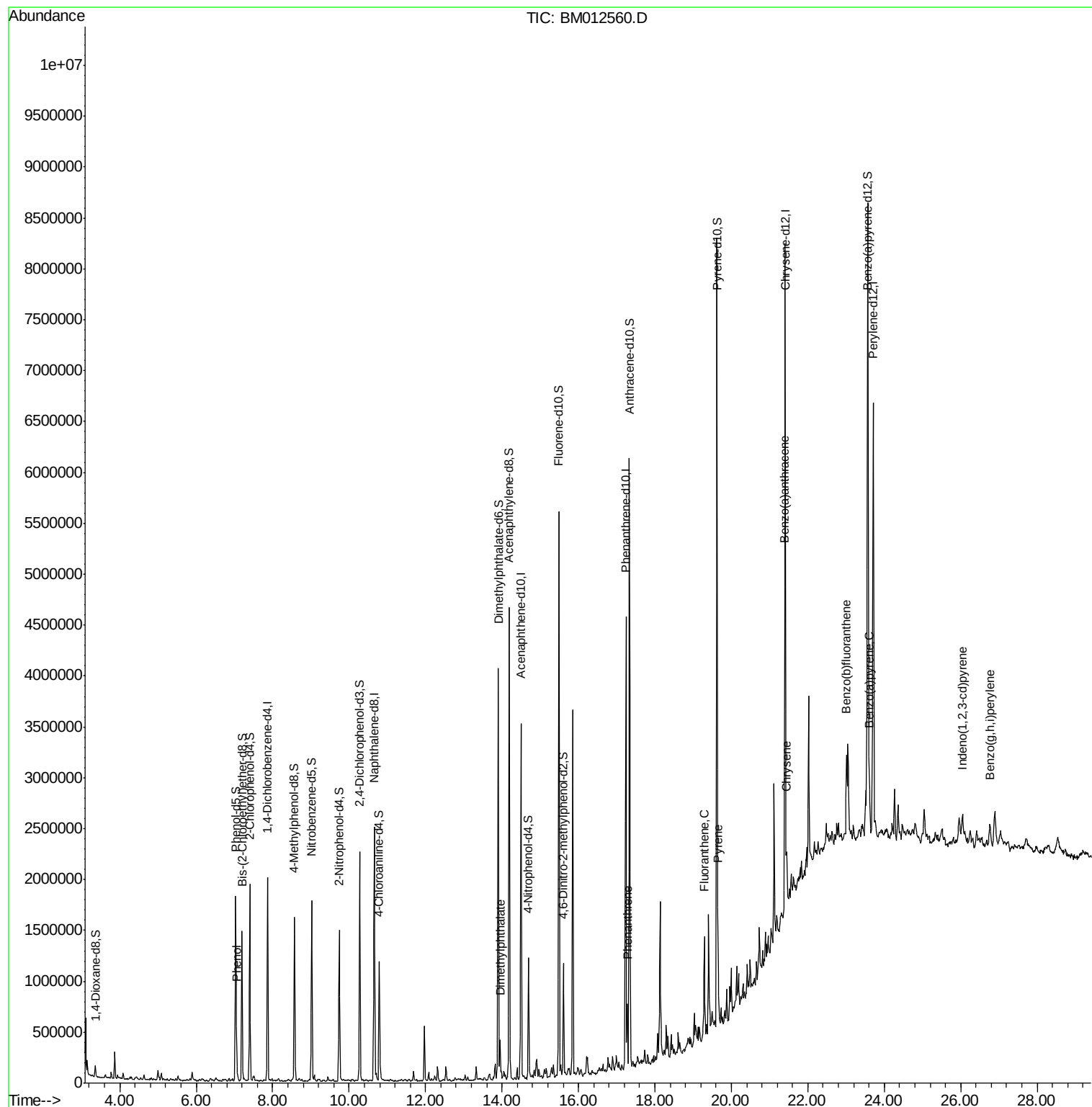
				Ovalue	
6) Phenol	7.06	94	102912	2.272	ng/ul# 81
44) Dimethylphthalate	13.95	163	227654	2.315	ng/ul 99
69) Phenanthrene	17.28	178	366668	2.670	ng/ul 100
74) Fluoranthene	19.29	202	511112	3.284	ng/ul# 92
77) Pyrene	19.65	202	530871	3.189	ng/ul# 89
80) Benzo(a)anthracene	21.39	228	285696	1.630	ng/ul# 89
82) Chrysene	21.44	228	412847	2.649	ng/ul# 94
85) Benzo(b)fluoranthene	23.02	252	496433	2.445	ng/ul# 93
88) Benzo(a)pyrene	23.61	252	336118	1.736	ng/ul# 90
89) Indeno(1,2,3-cd)pyrene	26.04	276	284645	1.249	ng/ul# 94
91) Benzo(g,h,i)perylene	26.77	276	304297	1.648	ng/ul# 89

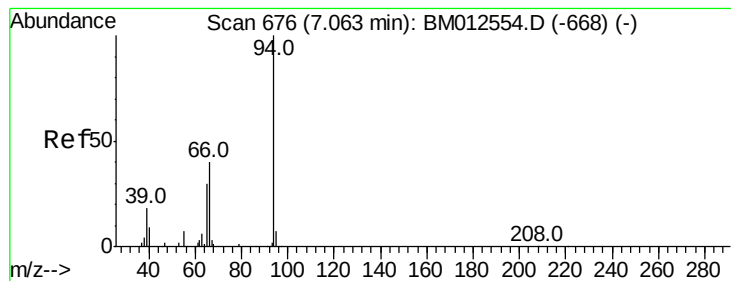
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
Data File : BM012560.D
Acq On : 29 Oct 2017 12:37
Operator : SJ/JU
Sample : I5919-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0DL8

Quant Time: Oct 30 16:58:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 16:46:58 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.272 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

Instrument :

BNA_M

ClientSampleId :

B0DL8

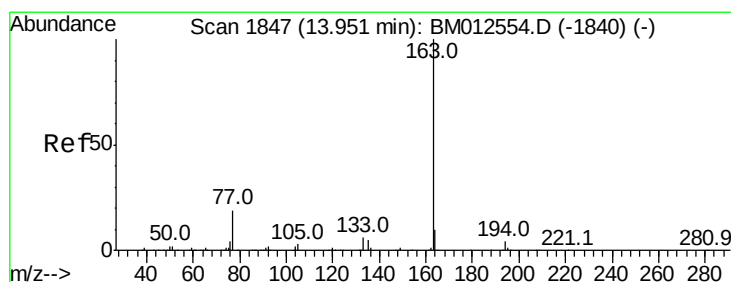
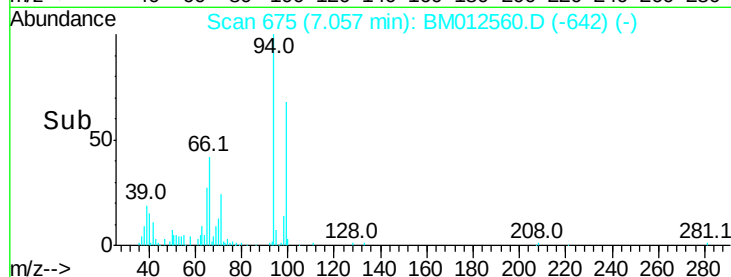
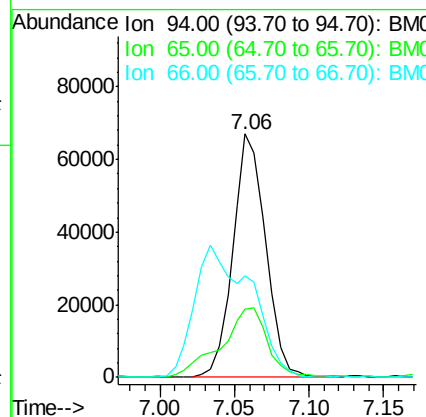
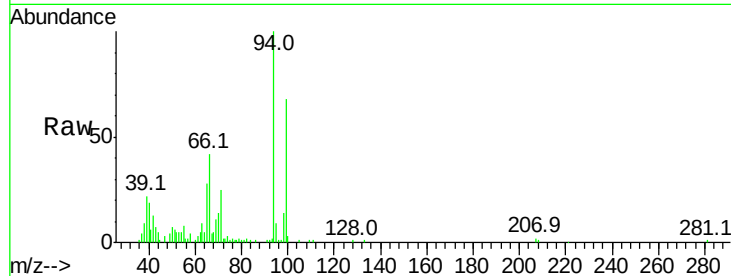
Tot Ion: 94 Resp: 102912

Ion Ratio Lower Upper

94 100

65 27.9 28.2 42.4#

66 41.9 47.2 70.8#



#44

Dimethylphthalate

Concen: 2.315 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

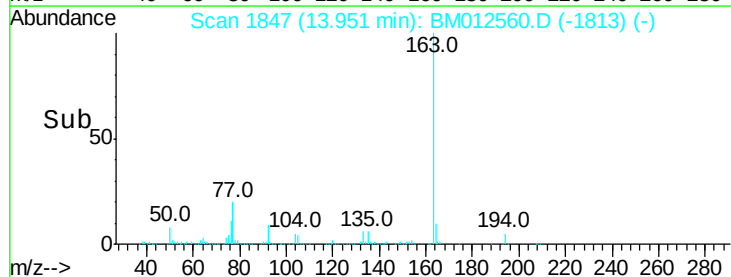
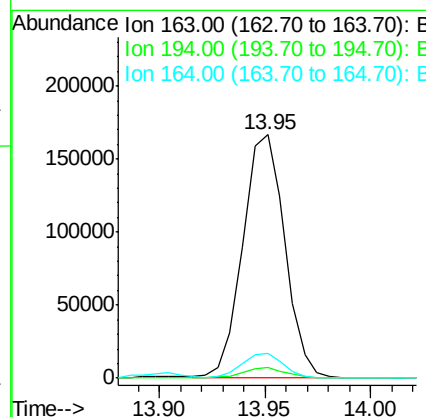
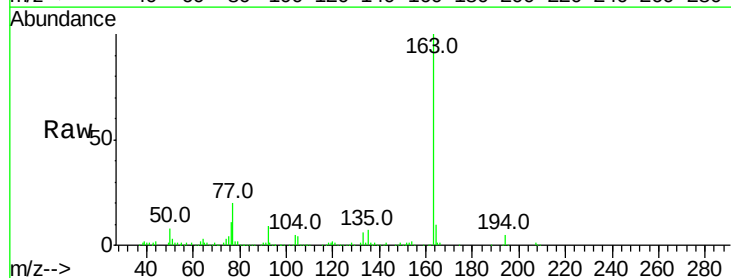
Tgt Ion:163 Resp: 227654

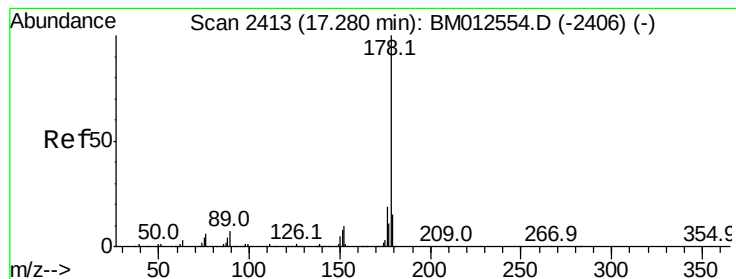
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.0 8.2 12.4





#69

Phenanthrene

Concen: 2.670 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

Instrument :

BNA_M

ClientSampleId :

B0DL8

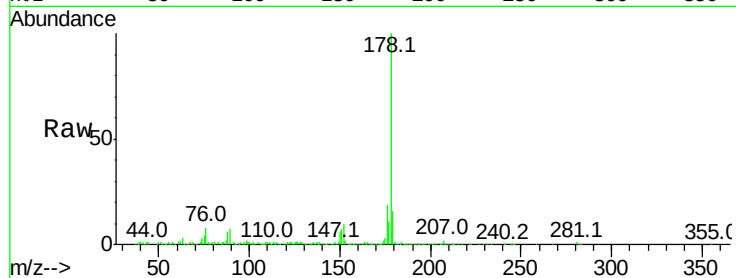
Tot Ion:178 Resp: 366668

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

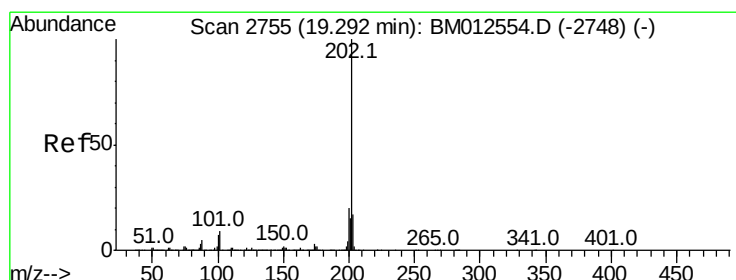
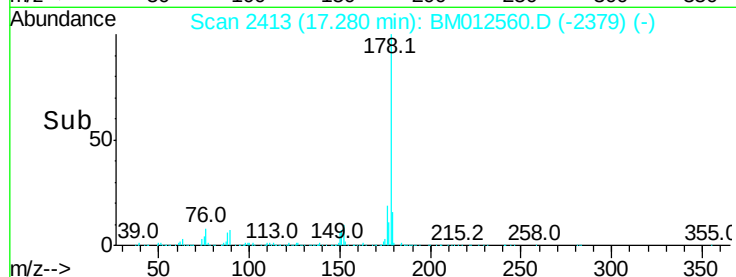
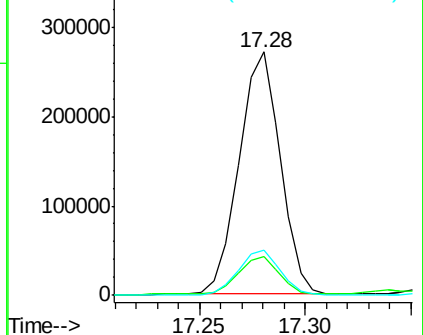
176 18.6 14.9 22.3



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



#74

Fluoranthene

Concen: 3.284 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

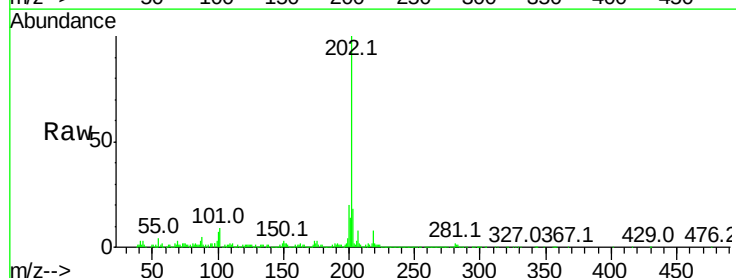
Tgt Ion:202 Resp: 511112

Ion Ratio Lower Upper

202 100

101 8.5 4.6 7.0#

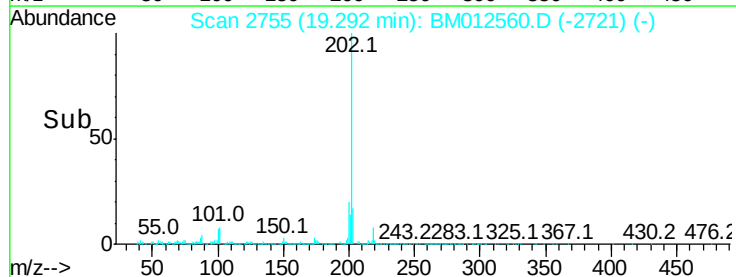
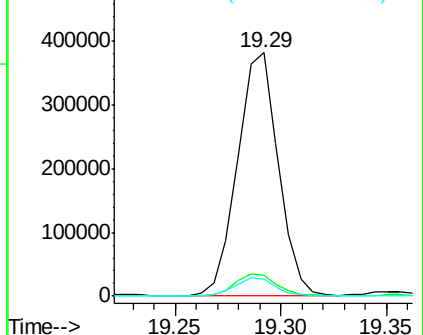
100 6.8 3.4 5.2#

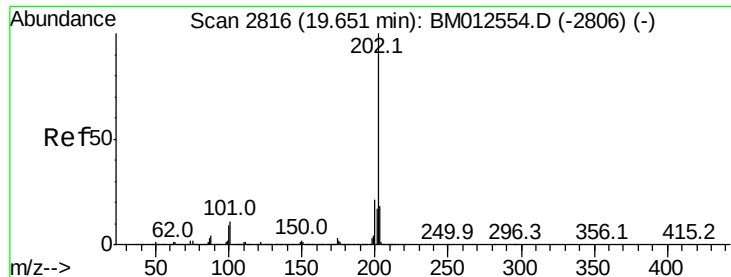


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.189 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

Instrument :

BNA_M

ClientSampled :

B0DL8

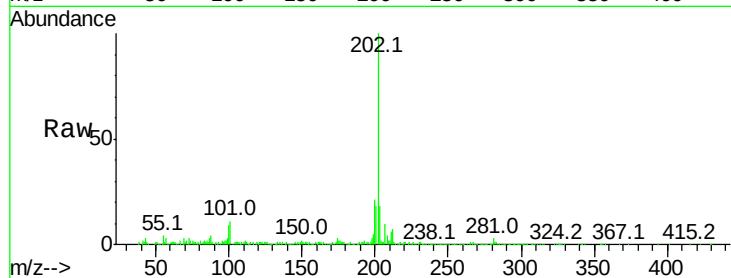
Tot Ion:202 Resp: 530871

Ion Ratio Lower Upper

202 100

101 11.0 5.1 7.7#

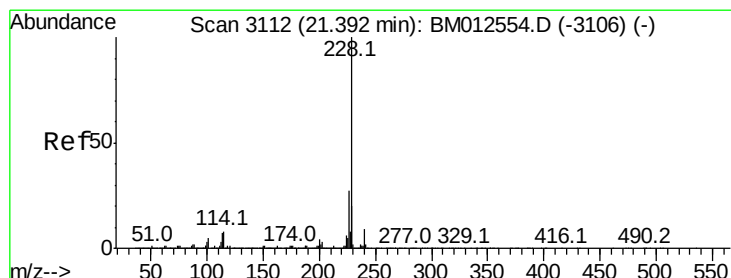
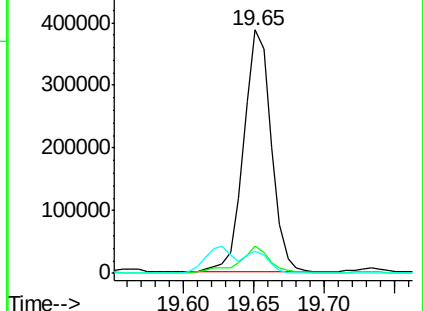
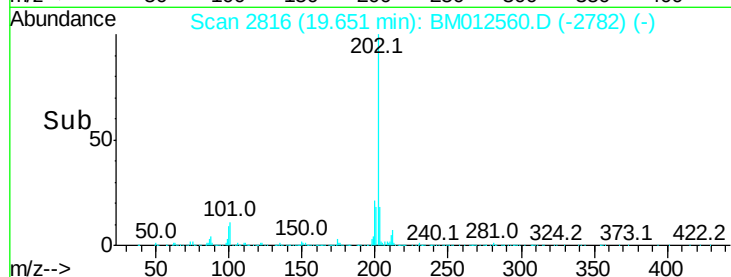
100 9.1 4.9 7.3#



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: 1.630 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

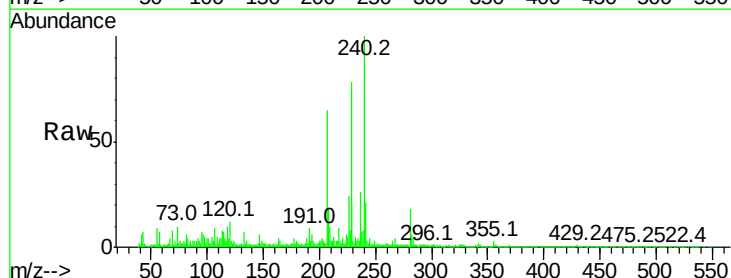
Tgt Ion:228 Resp: 285696

Ion Ratio Lower Upper

228 100

229 26.0 15.4 23.0#

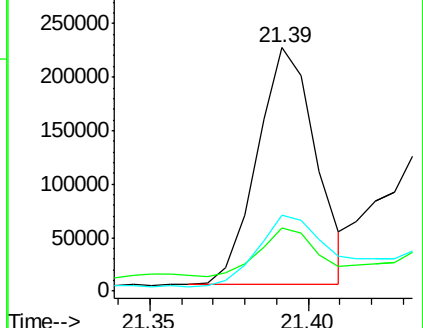
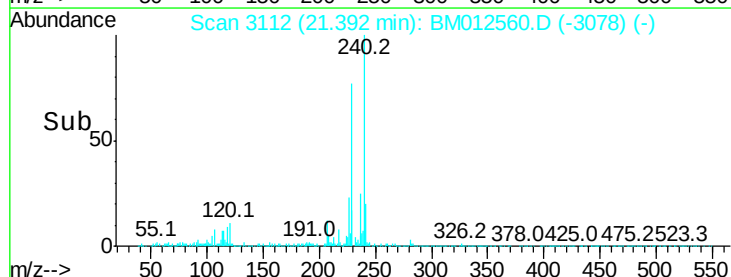
226 31.0 21.4 32.0

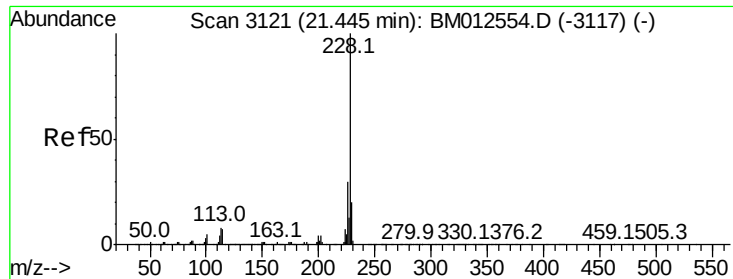


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.649 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. 0.00 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

Instrument :

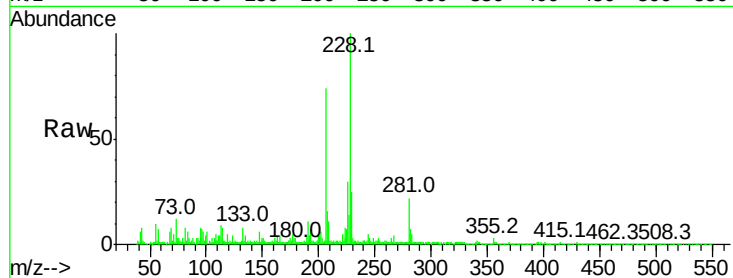
BNA_M

ClientSampleId :

B0DL8

Tot Ion:228 Resp: 412847

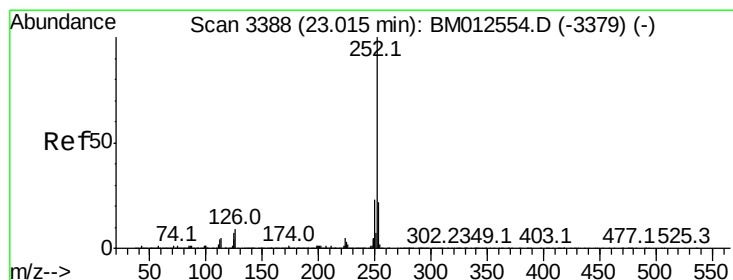
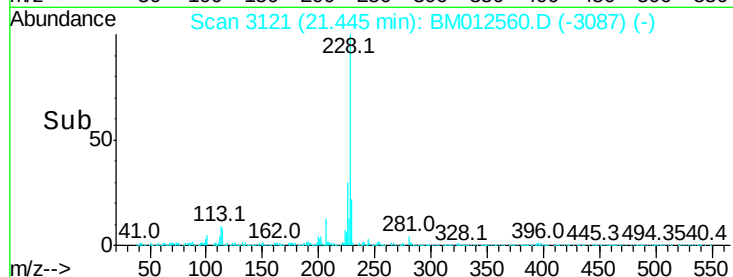
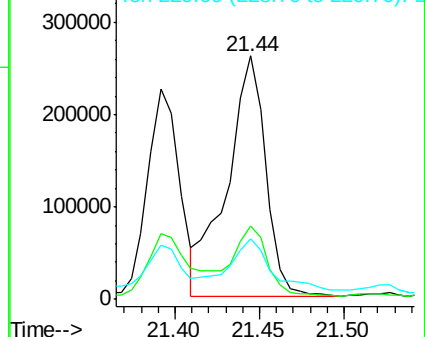
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	24.7	15.5	23.3



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: 2.445 ng/ul

RT: 23.02 min Scan# 3389

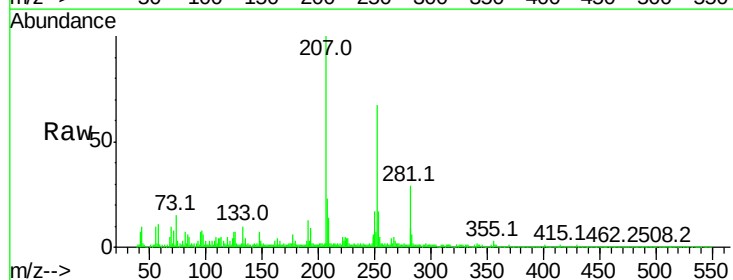
Delta R.T. 0.01 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

Tgt Ion:252 Resp: 496433

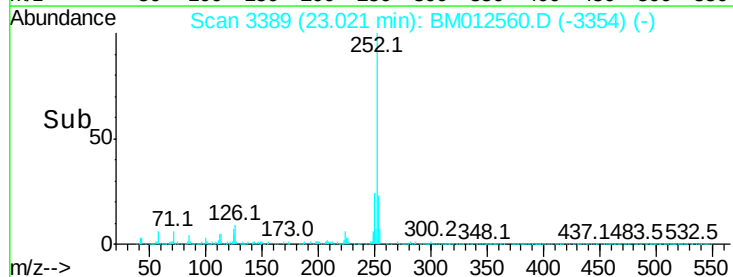
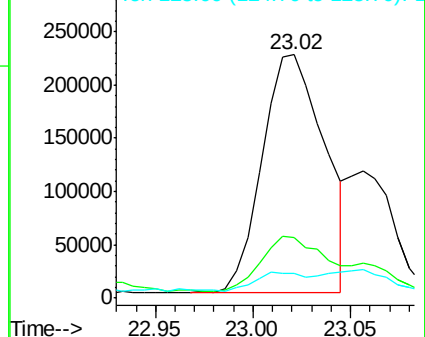
Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	9.9	3.6	5.4

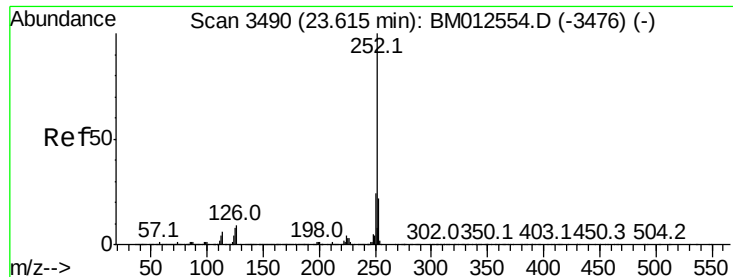


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.736 ng/ul

RT: 23.61 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

Instrument :

BNA_M

ClientSampleId :

B0DL8

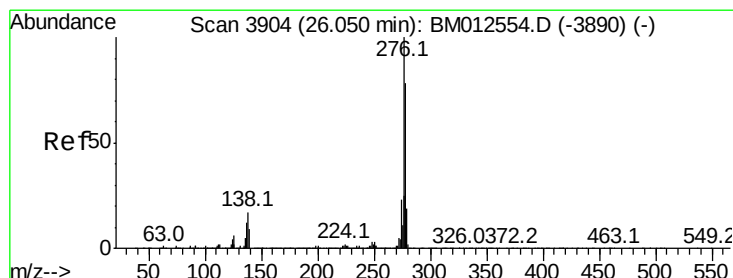
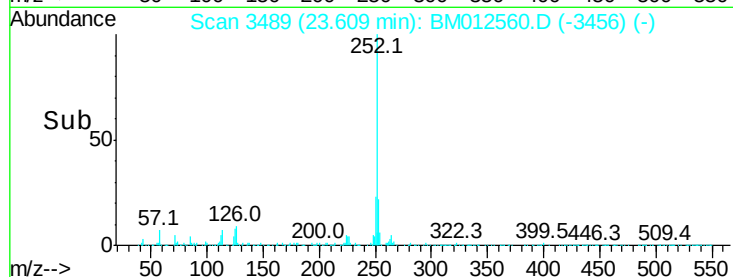
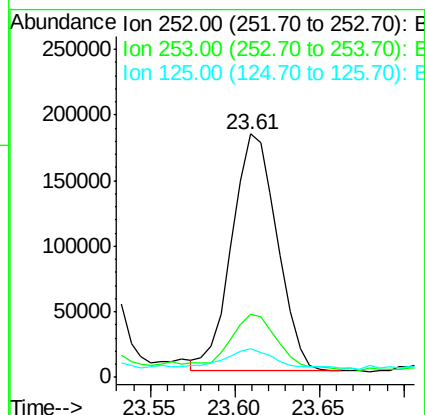
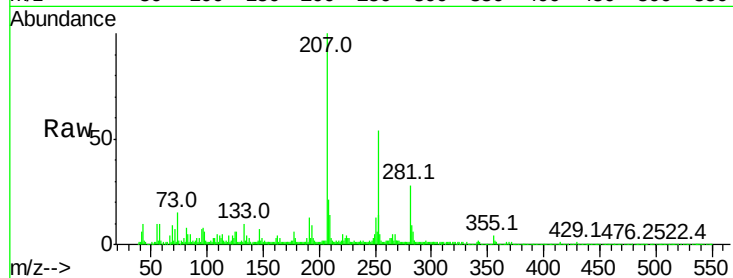
Tot Ion:252 Resp: 336118

Ion Ratio Lower Upper

252 100

253 26.2 18.2 27.2

125 11.8 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.249 ng/ul

RT: 26.04 min Scan# 3903

Delta R.T. -0.01 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

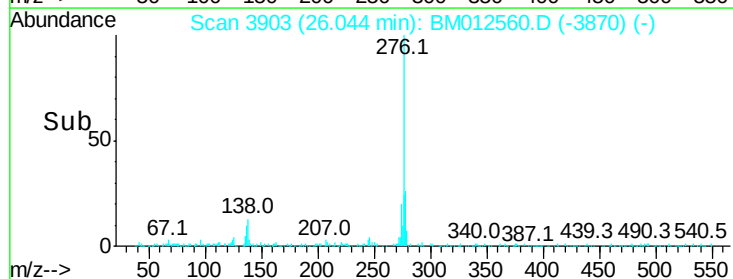
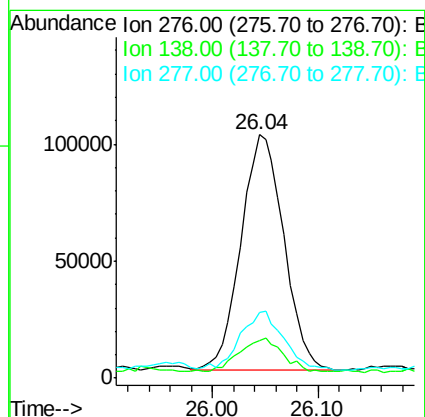
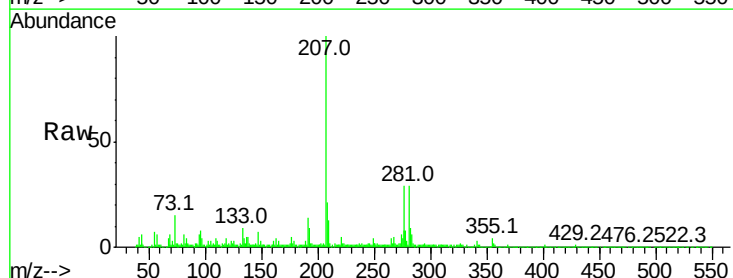
Tgt Ion:276 Resp: 284645

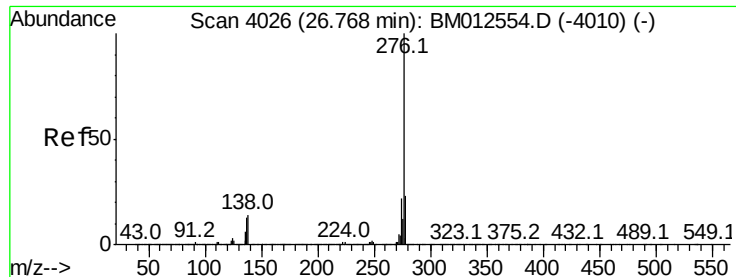
Ion Ratio Lower Upper

276 100

138 15.7 9.3 13.9#

277 27.1 19.9 29.9





#91

Benzo(a,h,i)perylene

Concen: 1.648 ng/ul

RT: 26.77 min Scan# 4026

Delta R.T. 0.00 min

Lab File: BM012560.D

Acq: 29 Oct 2017 12:37

Instrument :

BNA_M

ClientSampleId :

B0DL8

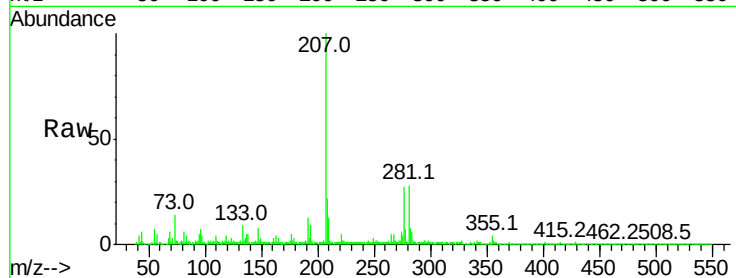
Tot Ion:276 Resp: 304297

Ion Ratio Lower Upper

276 100

138 17.1 8.5 12.7#

277 27.4 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

