

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014805.D
 Acq On : 24 Apr 2018 08:39
 Operator : SJ/JU
 Sample : J2434-13DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 12:42:18 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	428522	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1801387	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	926641	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1951502	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1944216	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	2077724	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	9218	0.94	ng/uL	0.00
5) Phenol-d5	7.65	99	144947	4.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	102193	4.81	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	122465	4.42	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	107475	4.07	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	57135	4.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	52833	4.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	111823	4.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	116915	4.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	343020	4.74	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	423671	4.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	30096	2.24	ng/ul	0.00
57) Fluorene-d10	16.10	176	303192	4.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	12803	1.21	ng/ul	0.00
70) Anthracene-d10	17.93	188	445531	4.90	ng/ul	0.00
76) Pyrene-d10	20.17	212	479554	5.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	482686	4.73	ng/ul	0.00

Target Compounds

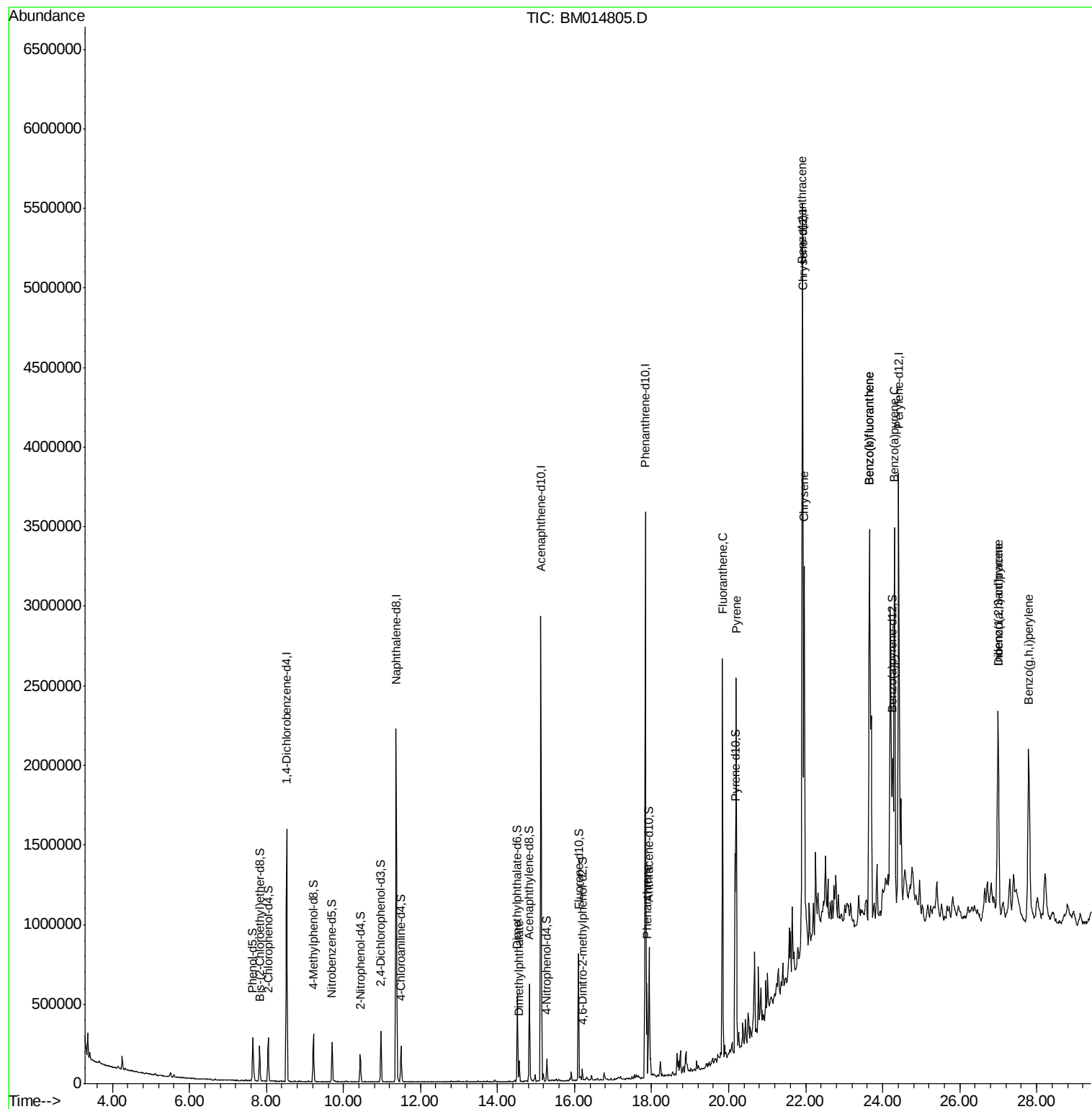
					Ovalue	
44) Dimethylphthalate	14.56	163	76128	1.089	ng/ul#	99
69) Phenanthrene	17.88	178	338853	3.233	ng/ul	99
74) Fluoranthene	19.84	202	1372307	12.010	ng/ul#	82
77) Pyrene	20.20	202	1432416	12.610	ng/ul#	80
80) Benzo(a)anthracene	21.91	228	1188149	10.450	ng/ul	99
82) Chrysene	21.96	228	1271703	11.948	ng/ul	97
85) Benzo(b)fluoranthene	23.66	252	2385760	19.479	ng/ul#	95
86) Benzo(k)fluoranthene	23.66	252	2385760	20.257	ng/ul#	93
88) Benzo(a)pyrene	24.31	252	1771879	15.251	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.00	276	1315642	9.361	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.00	278	343832	2.905	ng/ul#	93
91) Benzo(g,h,i)perylene	27.80	276	1346867	11.648	ng/ul#	90

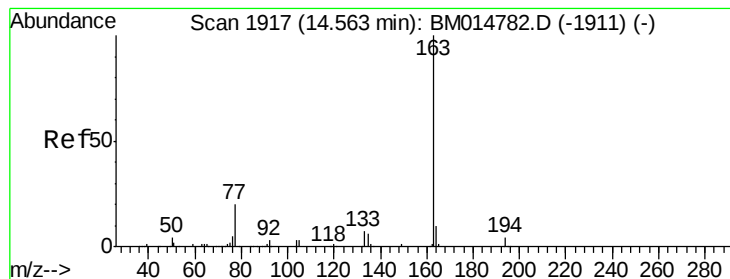
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014805.D
Acq On : 24 Apr 2018 08:39
Operator : SJ/JU
Sample : J2434-13DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 24 12:42:18 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.089 ng/ul

RT: 14.56 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

Instrument :

BNA_M

ClientSampleId :

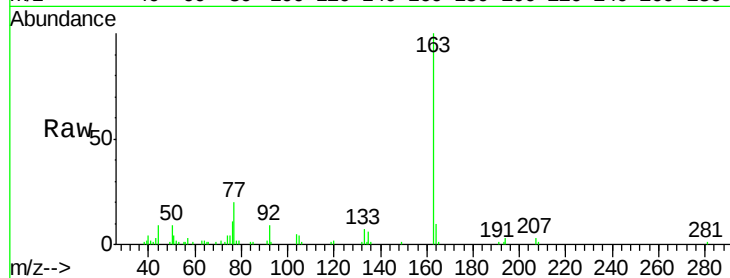
Tot Ion:163 Resp: 76128

Ion Ratio Lower Upper

163 100

194 3.3 3.5 5.3#

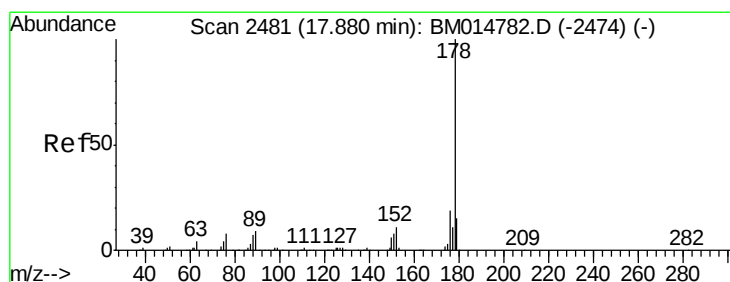
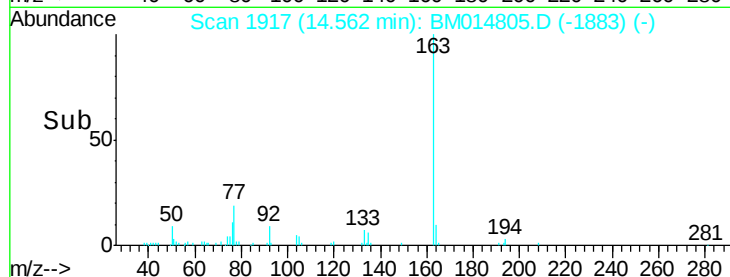
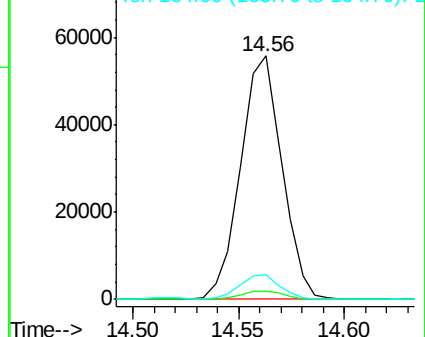
164 10.4 8.2 12.4



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: 3.233 ng/ul

RT: 17.88 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

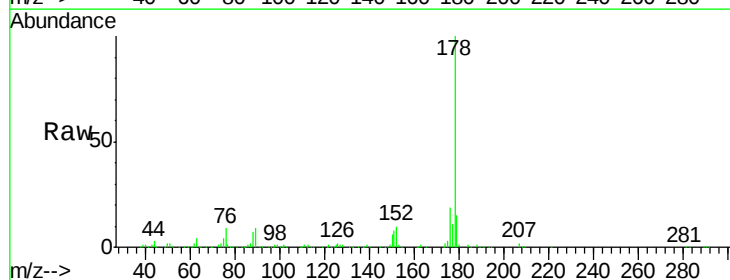
Tgt Ion:178 Resp: 338853

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

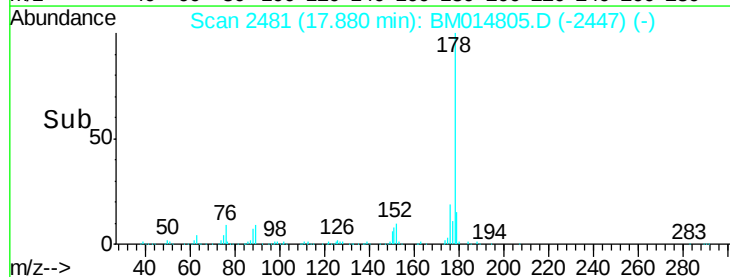
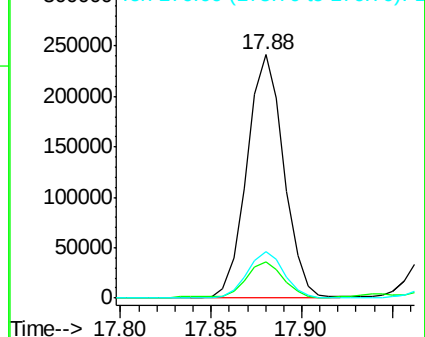
176 18.9 14.9 22.3

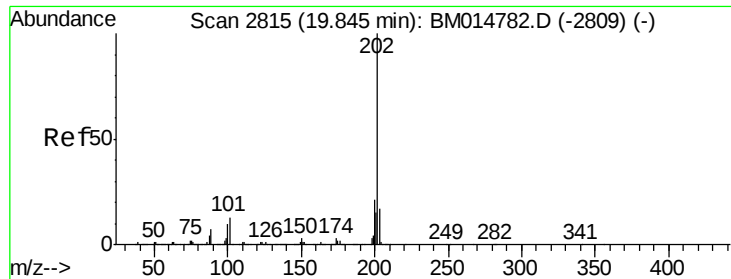


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 12.010 ng/ul

RT: 19.84 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

Instrument :

BNA_M

ClientSampled :

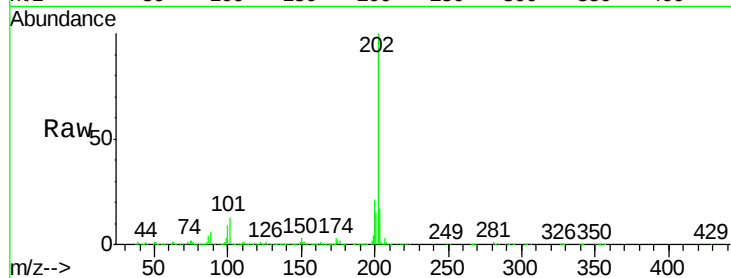
Tot Ion:202 Resp: 1372307

Ion Ratio Lower Upper

202 100

101 12.6 4.6 7.0#

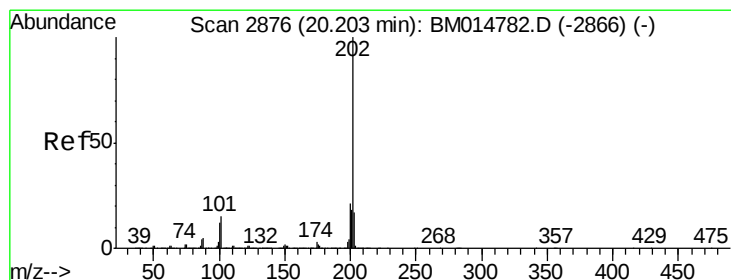
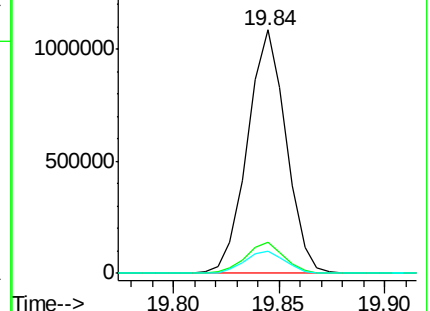
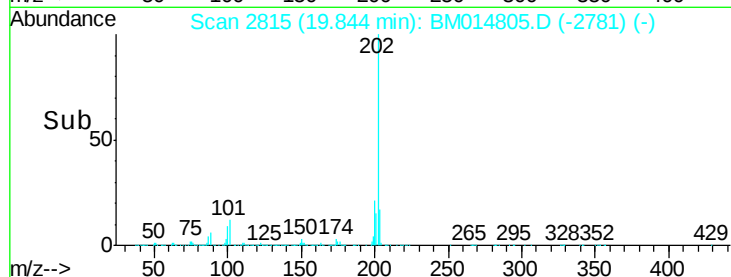
100 9.3 3.4 5.2#



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: 12.610 ng/ul

RT: 20.20 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

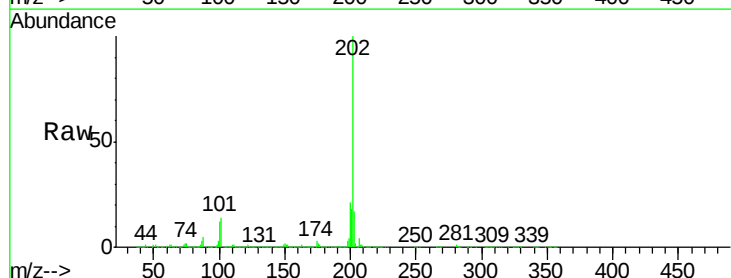
Tgt Ion:202 Resp: 1432416

Ion Ratio Lower Upper

202 100

101 14.3 5.1 7.7#

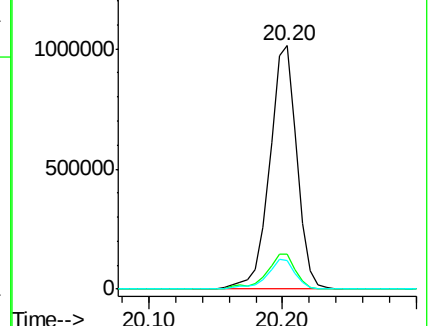
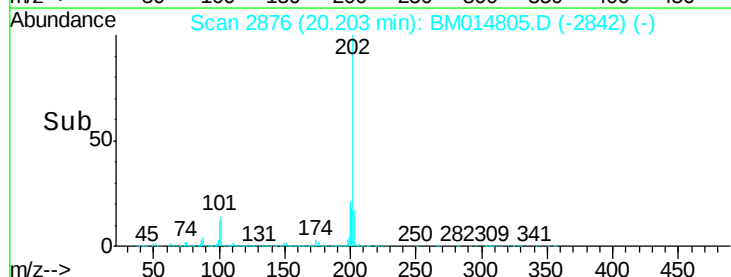
100 11.5 4.9 7.3#

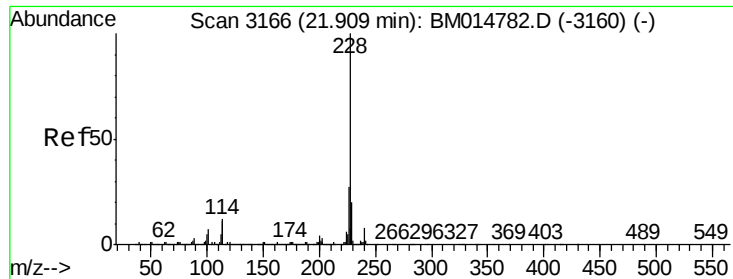


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 10.450 ng/ul

RT: 21.91 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

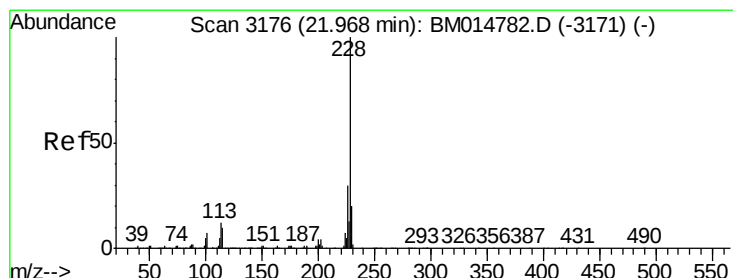
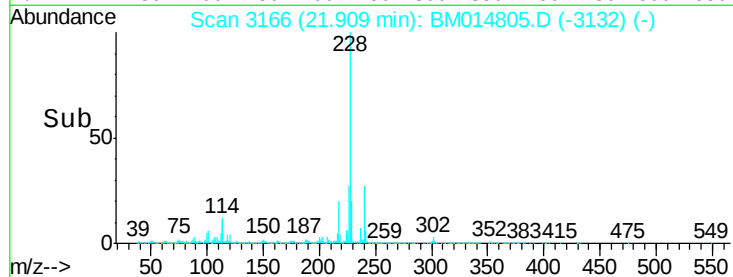
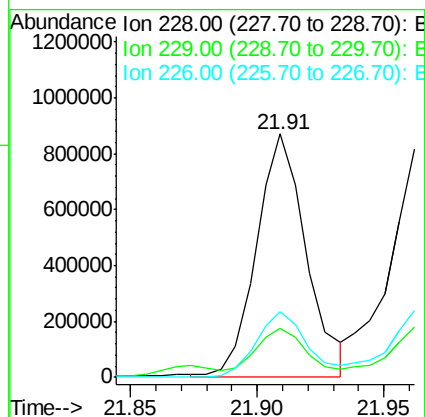
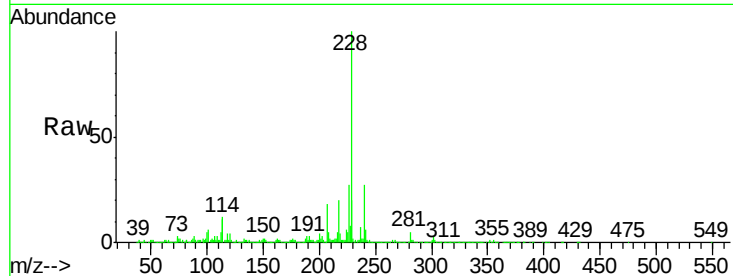
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1188149

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.0
226	27.1	21.4	32.0



#82

Chrysene

Concen: 11.948 ng/ul

RT: 21.96 min Scan# 3175

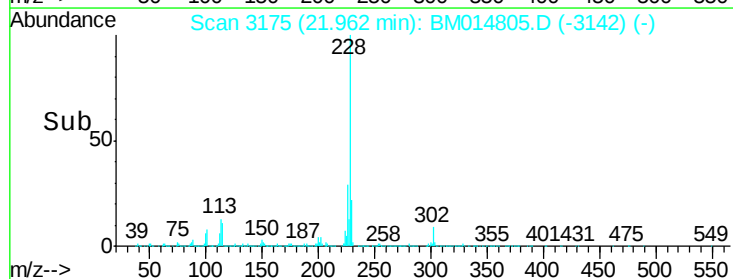
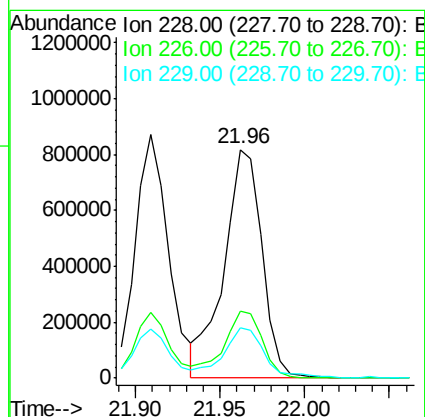
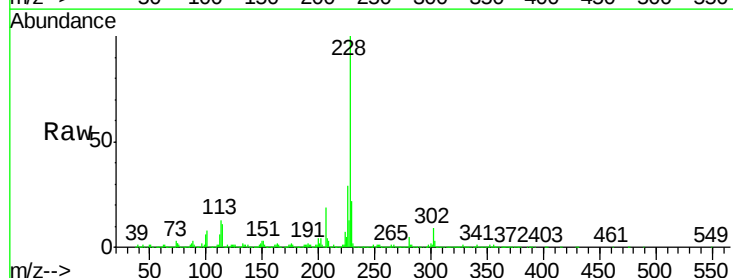
Delta R.T. -0.01 min

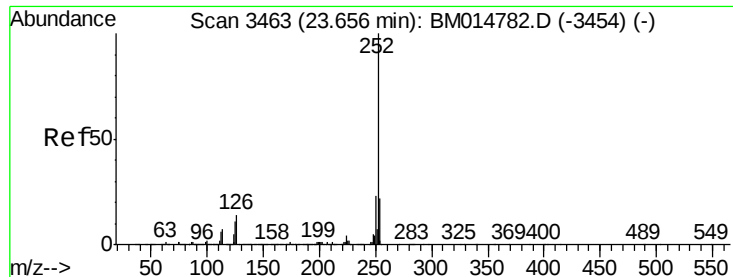
Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

Tgt Ion:228 Resp: 1271703

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	22.1	15.5	23.3

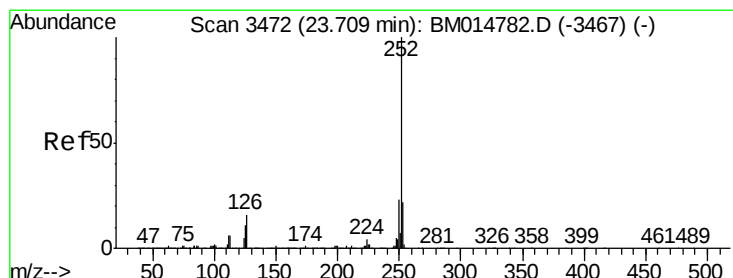
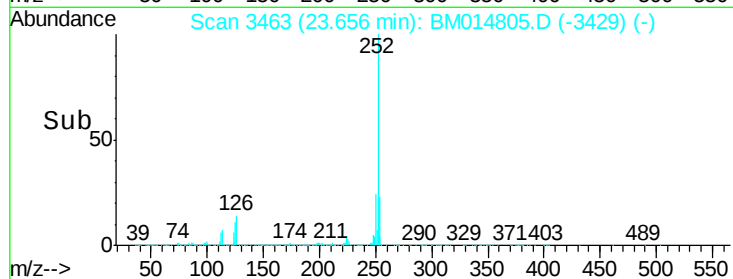
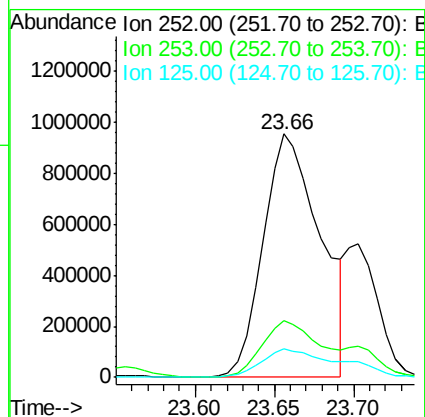
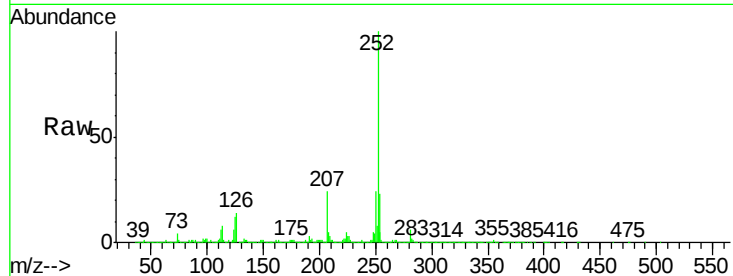




#85
Benzo(b)fluoranthene
Concen: 19.479 ng/ul
RT: 23.66 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM014805.D
Acq: 24 Apr 2018 08:39

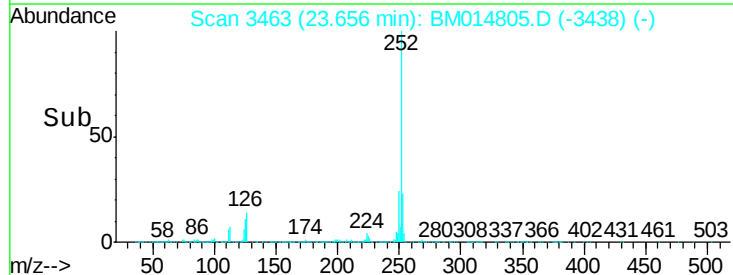
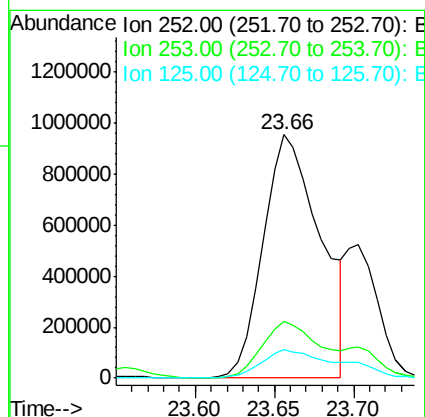
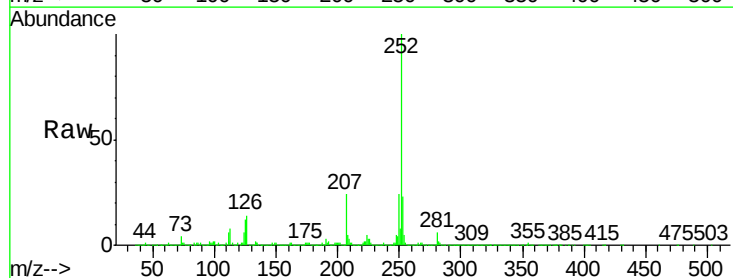
Instrument :
BNA_M
ClientSampleId :

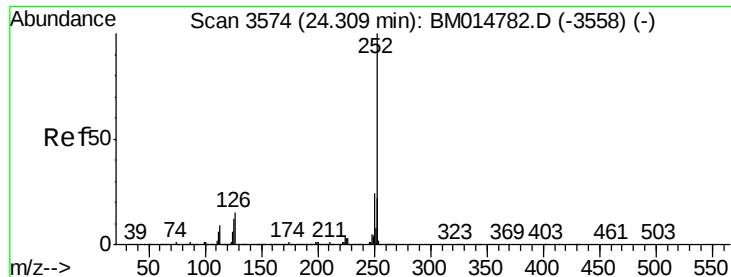
Tot Ion:252 Resp: 2385760
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 11.6 3.6 5.4#



#86
Benzo(k)fluoranthene
Concen: 20.257 ng/ul
RT: 23.66 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM014805.D
Acq: 24 Apr 2018 08:39

Tgt Ion:252 Resp: 2385760
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 11.6 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 15.251 ng/ul

RT: 24.31 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

Instrument :

BNA_M

ClientSampled :

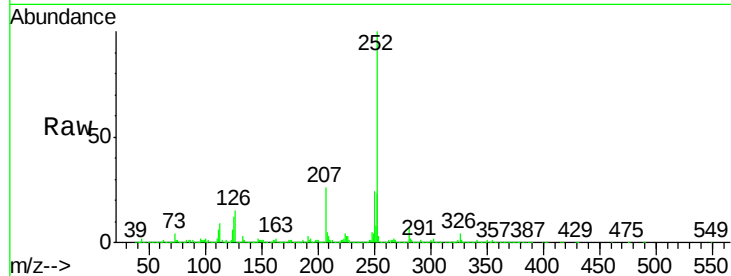
Tot Ion:252 Resp: 1771879

Ion Ratio Lower Upper

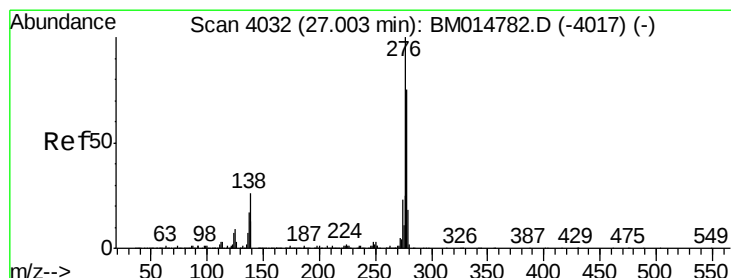
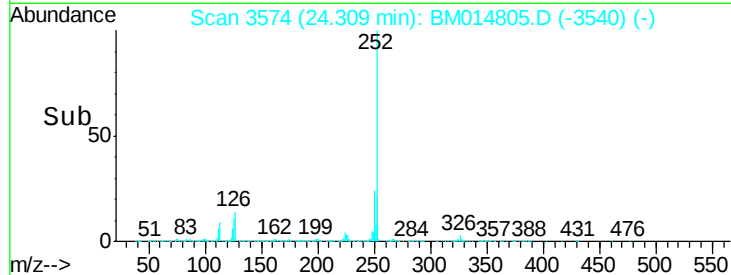
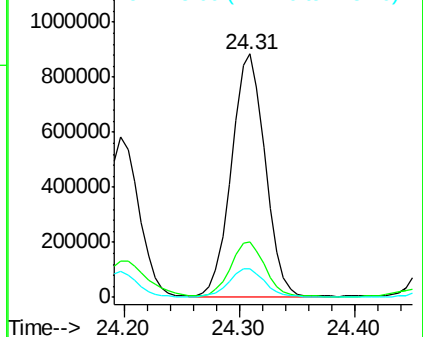
252 100

253 22.6 18.2 27.2

125 11.6 4.0 6.0#



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

Indeno(1,2,3-cd)pyrene

Concen: 9.361 ng/ul

RT: 27.00 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

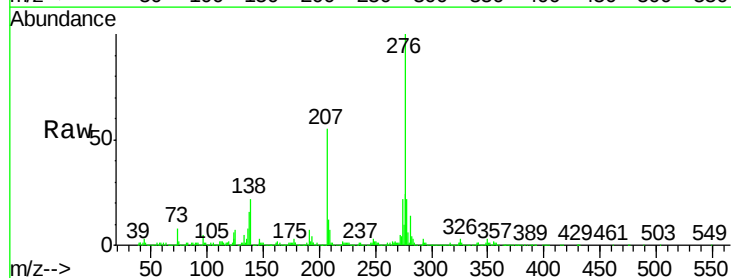
Tgt Ion:276 Resp: 1315642

Ion Ratio Lower Upper

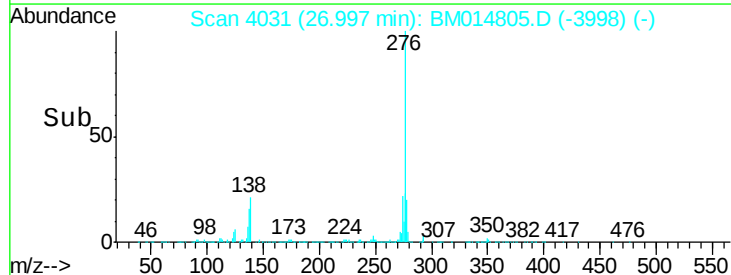
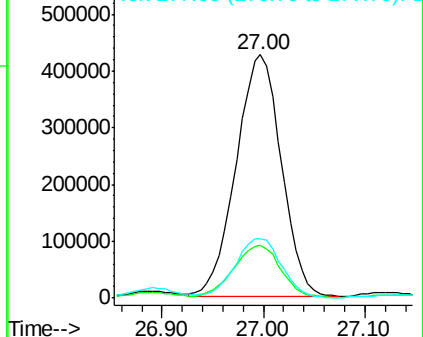
276 100

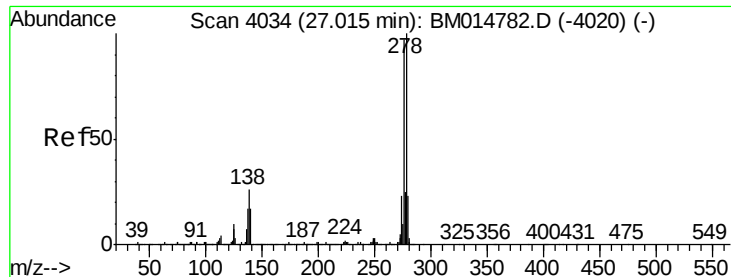
138 21.8 9.3 13.9#

277 24.5 19.9 29.9



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





#90

Dibenzo(a,h)anthracene

Concen: 2.905 ng/ul

RT: 27.00 min Scan# 4032

Delta R.T. -0.01 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

Instrument :

BNA_M

ClientSampleId :

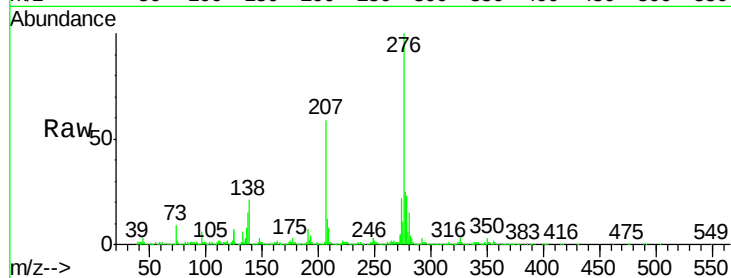
Tot Ion:278 Resp: 343832

Ion Ratio Lower Upper

278 100

139 0.0 5.8 8.8#

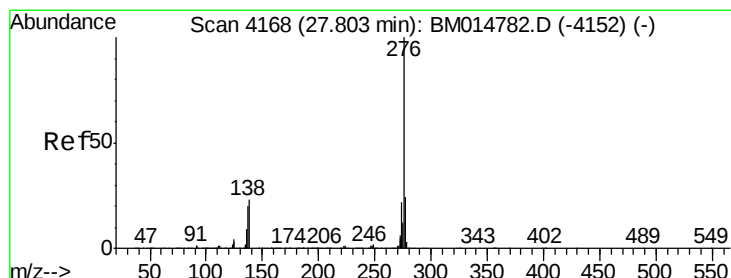
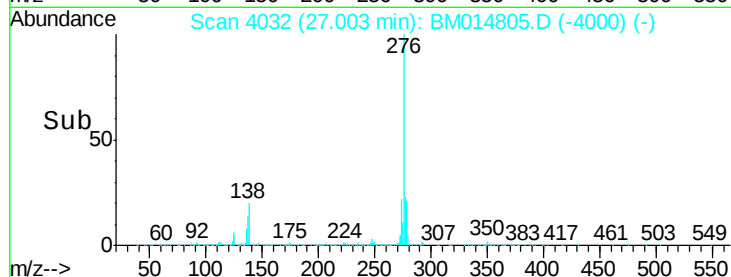
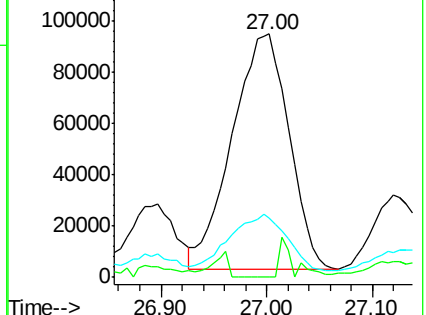
279 24.2 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 11.648 ng/ul

RT: 27.80 min Scan# 4167

Delta R.T. -0.01 min

Lab File: BM014805.D

Acq: 24 Apr 2018 08:39

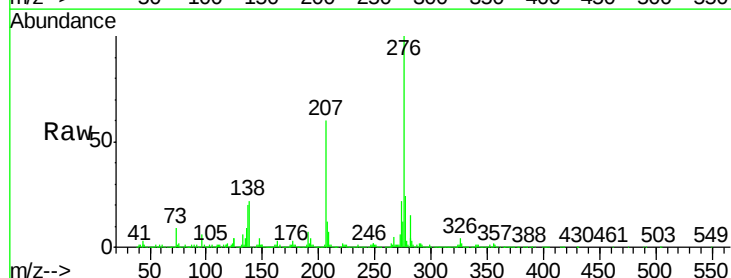
Tgt Ion:276 Resp: 1346867

Ion Ratio Lower Upper

276 100

138 21.9 8.5 12.7#

277 23.8 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

