

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014803.D
 Acq On : 24 Apr 2018 07:28
 Operator : SJ/JU
 Sample : J2434-12DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 12:41:35 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	382809	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1605827	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	870467	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1847360	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1840433	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1955111	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	16928	1.93	ng/uL	0.00
5) Phenol-d5	7.65	99	270627	9.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	206225	10.87	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	247488	10.00	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	185319	7.85	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	118023	10.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	118037	10.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	222684	9.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	266349	11.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	684396	10.07	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	872991	10.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	50397	4.00	ng/ul	0.00
57) Fluorene-d10	16.10	176	596258	10.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	22307	2.23	ng/ul	0.00
70) Anthracene-d10	17.93	188	877398	10.19	ng/ul	0.00
76) Pyrene-d10	20.17	212	922642	10.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	933365	9.72	ng/ul	0.00

Target Compounds

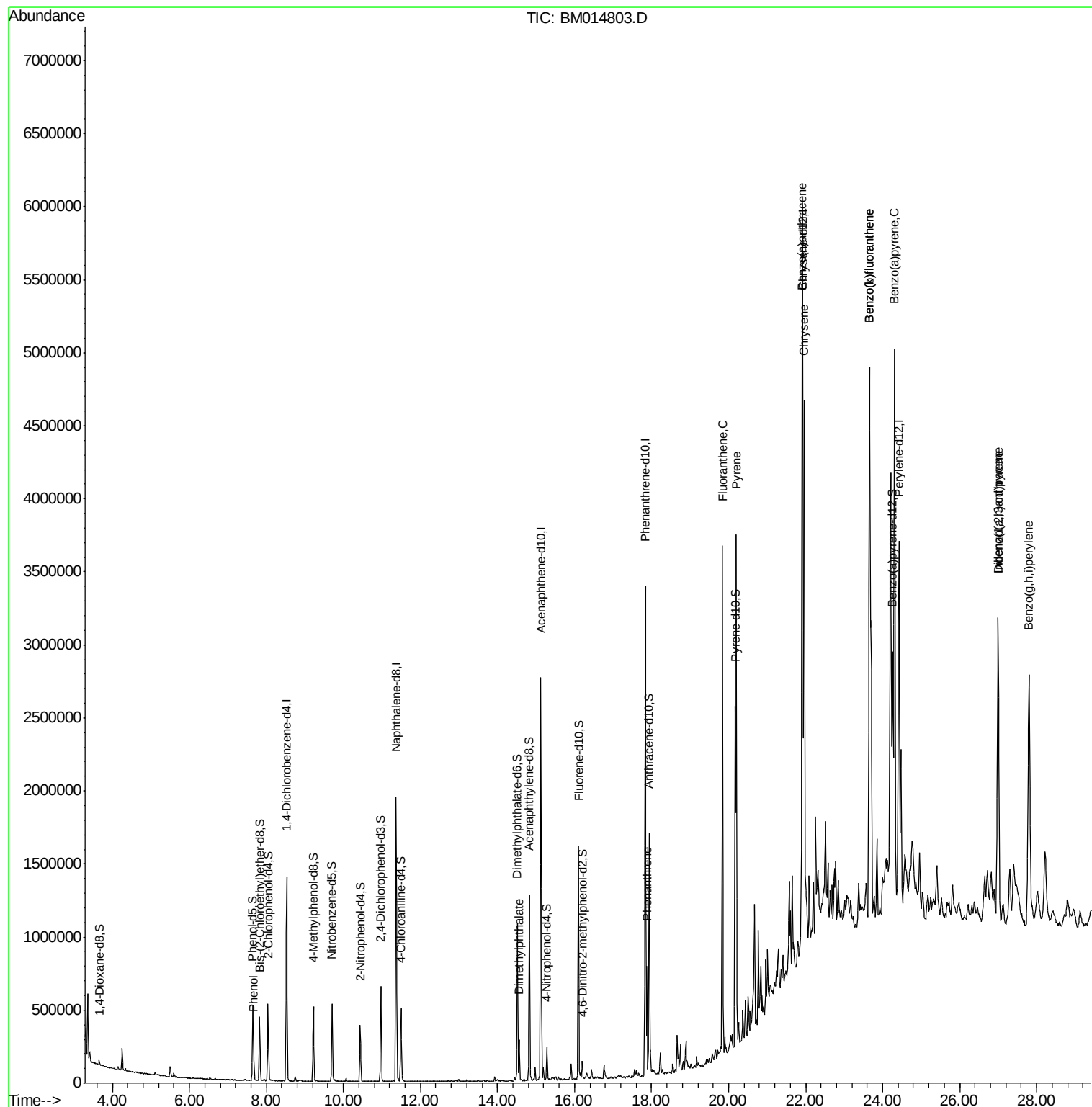
					Ovalue	
6) Phenol	7.67	94	61415	2.109	ng/ul#	81
44) Dimethylphthalate	14.56	163	170078	2.589	ng/ul	98
69) Phenanthrene	17.88	178	419929	4.233	ng/ul	99
74) Fluoranthene	19.84	202	1933604	17.876	ng/ul#	82
77) Pyrene	20.20	202	2091815	19.453	ng/ul#	81
80) Benzo(a)anthracene	21.91	228	1760565	16.358	ng/ul	98
82) Chrysene	21.96	228	1918383	19.040	ng/ul	97
85) Benzo(b)fluoranthene	23.66	252	3750462	32.541	ng/ul#	95
86) Benzo(k)fluoranthene	23.66	252	3750462	33.841	ng/ul#	93
88) Benzo(a)pyrene	24.31	252	2850522	26.073	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.00	276	2118407	16.017	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.00	278	539616	4.846	ng/ul#	92
91) Benzo(g,h,i)perylene	27.80	276	2171677	19.959	ng/ul#	89

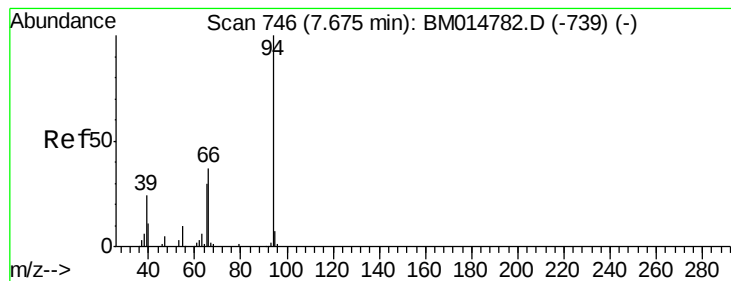
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration





#6

Phenol

Concen: 2.109 ng/ul

RT: 7.67 min Scan# 746

Delta R.T. 0.00 min

Lab File: BM014803.D

Acq: 24 Apr 2018 07:28

Instrument :

BNA_M

ClientSampled :

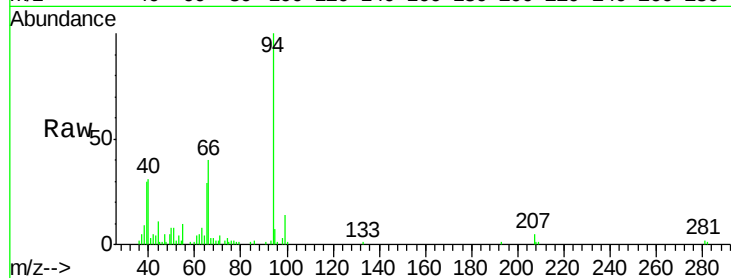
Tot Ion: 94 Resp: 61415

Ion Ratio Lower Upper

94 100

65 29.1 28.2 42.4

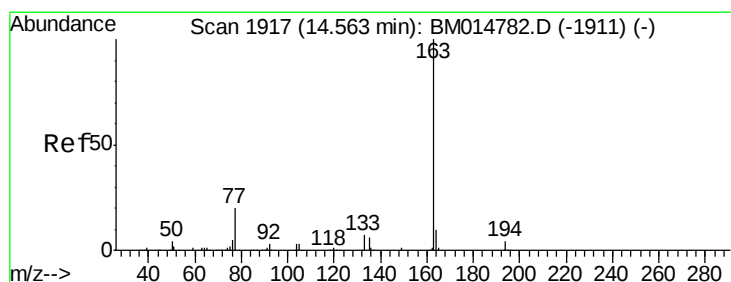
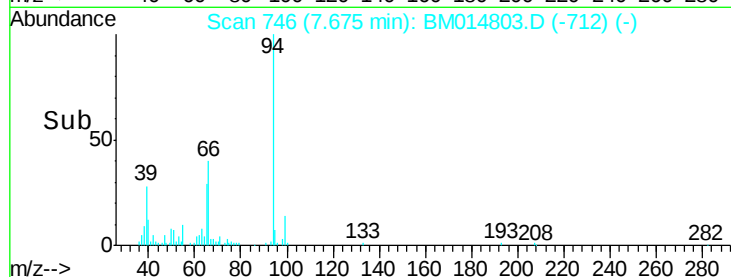
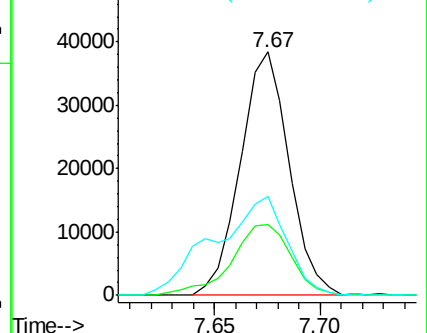
66 40.4 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014782.D (-739) (-)

Ion 65.00 (64.70 to 65.70): BM014782.D (-739) (-)

Ion 66.00 (65.70 to 66.70): BM014782.D (-739) (-)



#44

Dimethylphthalate

Concen: 2.589 ng/ul

RT: 14.56 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM014803.D

Acq: 24 Apr 2018 07:28

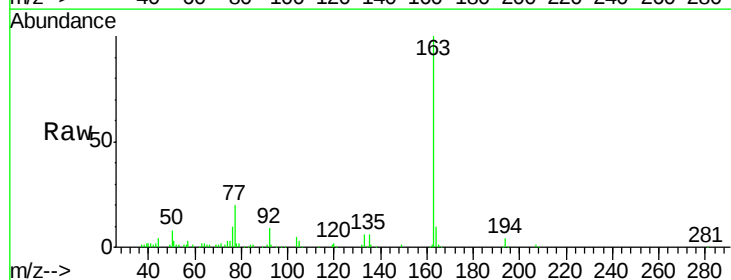
Tgt Ion:163 Resp: 170078

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

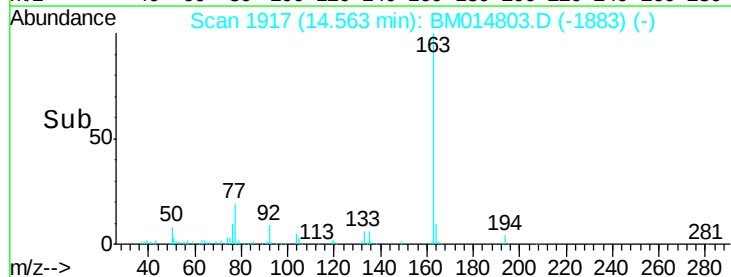
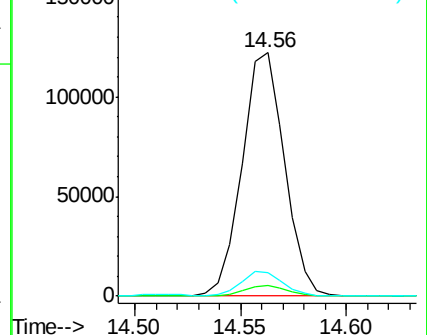
164 9.6 8.2 12.4

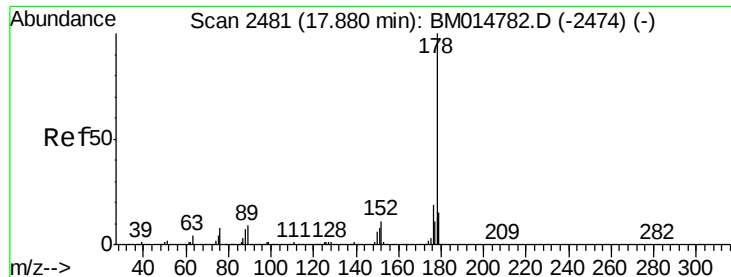


Abundance Ion 163.00 (162.70 to 163.70): BM014782.D (-1911) (-)

Ion 194.00 (193.70 to 194.70): BM014782.D (-1911) (-)

Ion 164.00 (163.70 to 164.70): BM014782.D (-1911) (-)





#69

Phenanthrene

Concen: 4.233 ng/ul

RT: 17.88 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BM014803.D

Acq: 24 Apr 2018 07:28

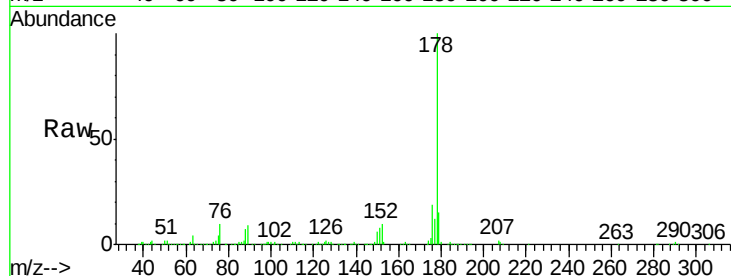
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 419929

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.0	14.9	22.3

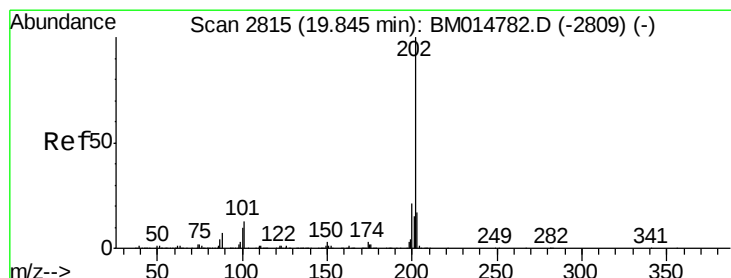
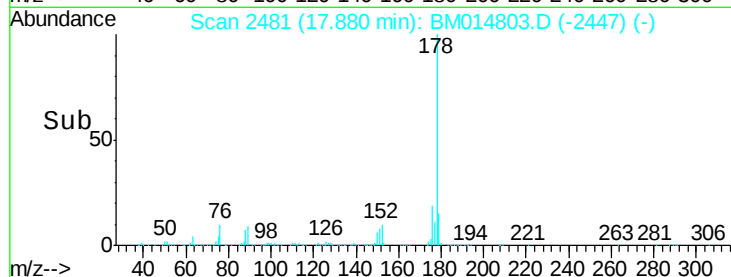
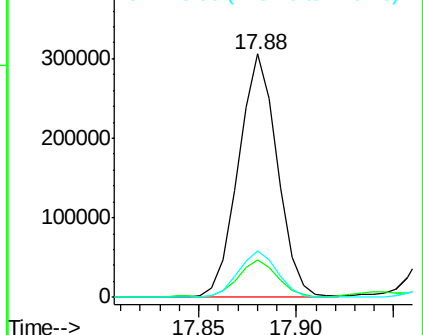


Abundance

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: 17.876 ng/ul

RT: 19.84 min Scan# 2815

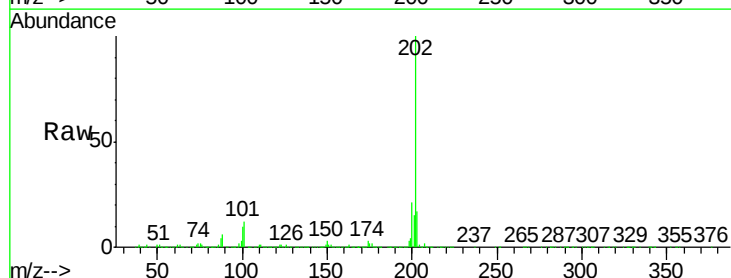
Delta R.T. 0.00 min

Lab File: BM014803.D

Acq: 24 Apr 2018 07:28

Tgt Ion:202 Resp: 1933604

Ion	Ratio	Lower	Upper
202	100		
101	12.3	4.6	7.0#
100	9.5	3.4	5.2#

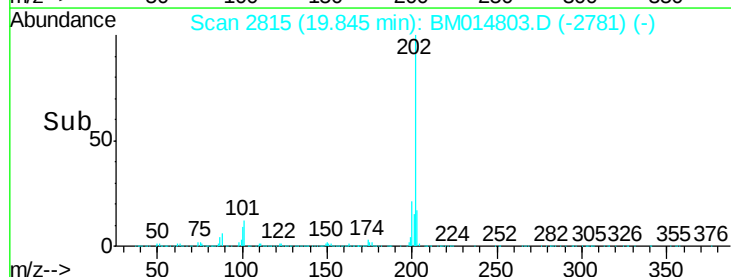
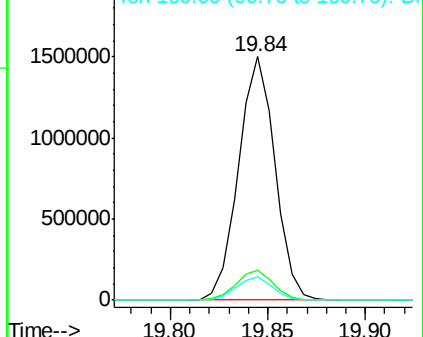


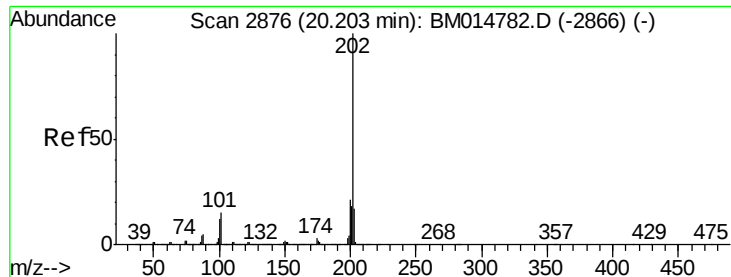
Abundance

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: 19.453 ng/ul

RT: 20.20 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BM014803.D

Acq: 24 Apr 2018 07:28

Instrument :

BNA_M

ClientSampleId :

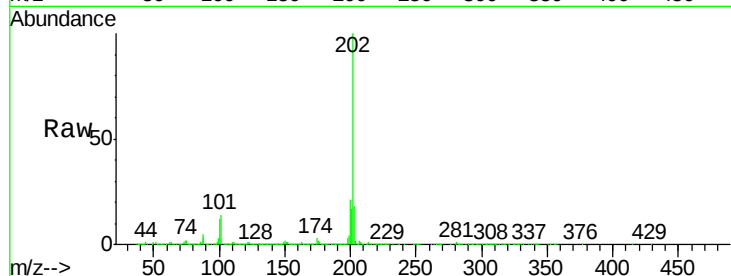
Tot Ion:202 Resp: 2091815

Ion Ratio Lower Upper

202 100

101 13.8 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): E

20.20

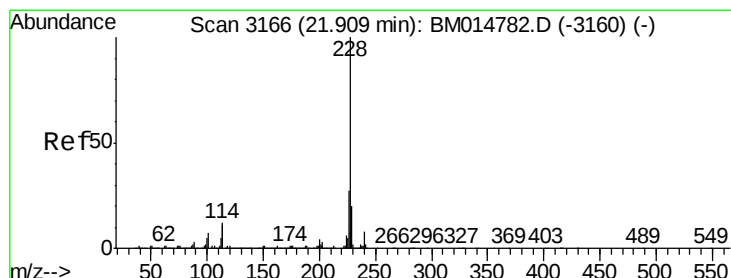
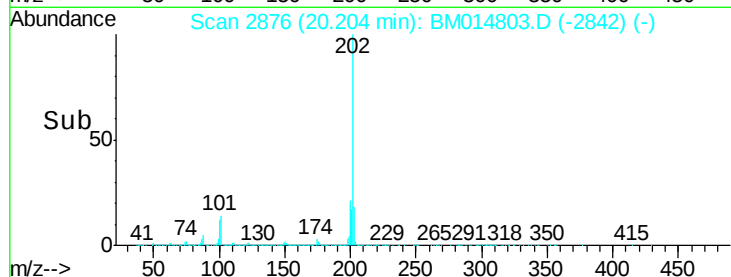
1500000

1000000

500000

0

Time--> 20.10 20.15 20.20 20.25



#80

Benzo(a)anthracene

Concen: 16.358 ng/ul

RT: 21.91 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BM014803.D

Acq: 24 Apr 2018 07:28

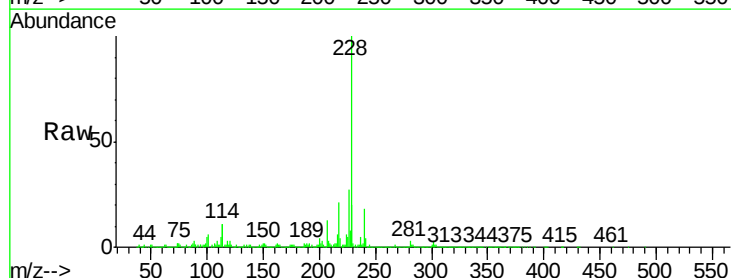
Tgt Ion:228 Resp: 1760565

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

226 27.1 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

21.91

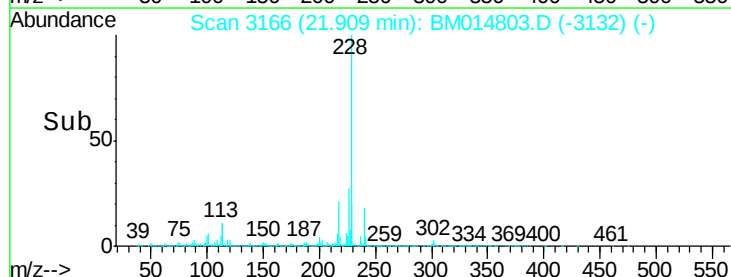
1500000

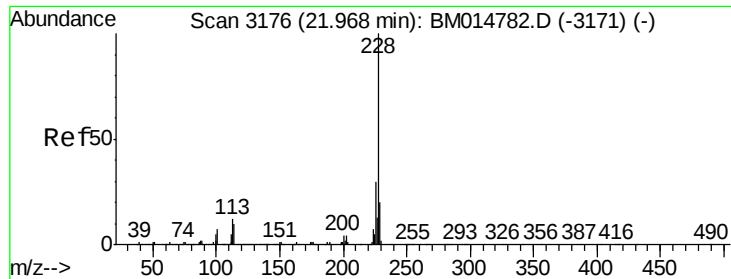
1000000

500000

0

Time--> 21.85 21.90 21.95





#82

Chrysene

Concen: 19.040 ng/ul

RT: 21.96 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BM014803.D

Acq: 24 Apr 2018 07:28

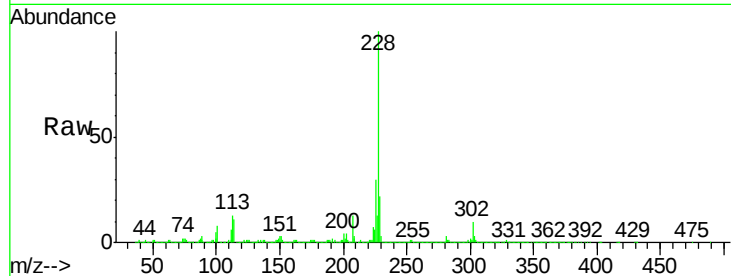
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1918383

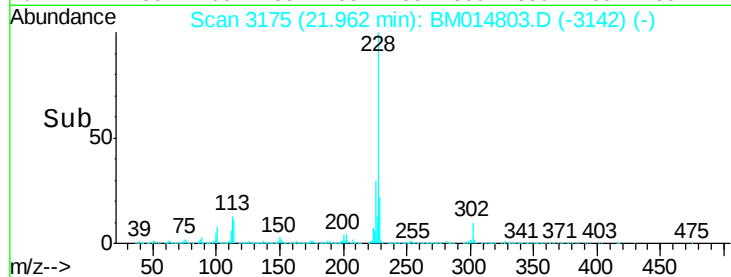
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.2	15.5	23.3



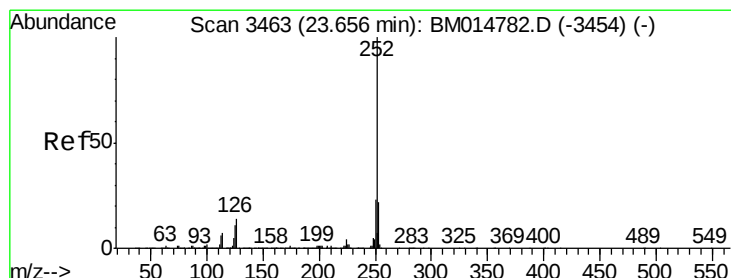
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 32.541 ng/ul

RT: 23.66 min Scan# 3463

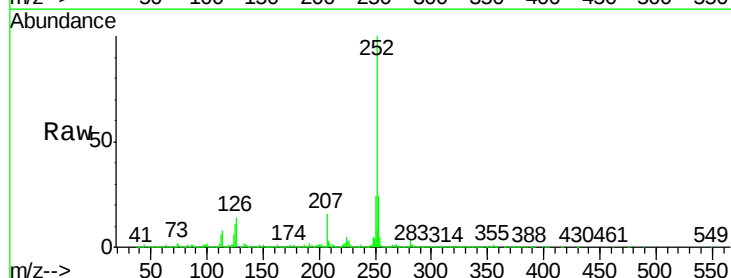
Delta R.T. 0.00 min

Lab File: BM014803.D

Acq: 24 Apr 2018 07:28

Tgt Ion:252 Resp: 3750462

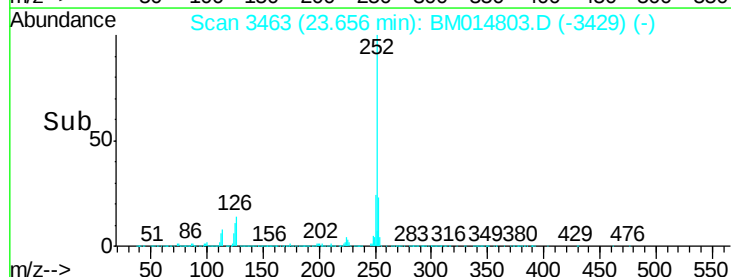
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	11.3	3.6	5.4



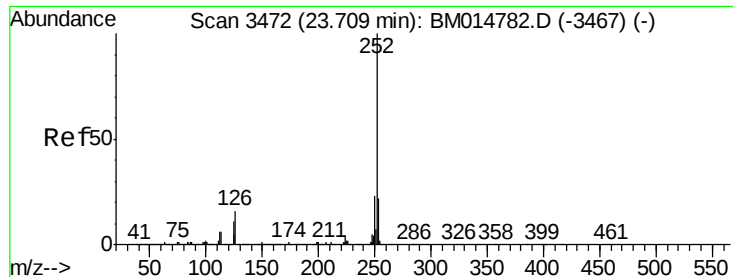
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



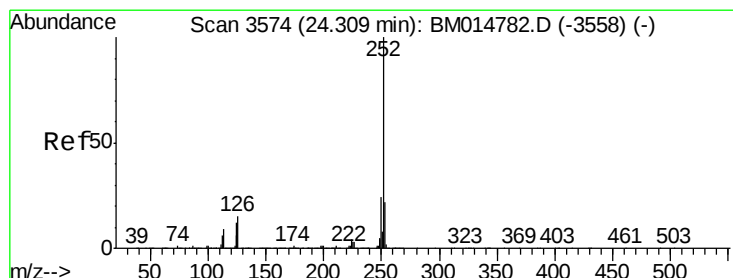
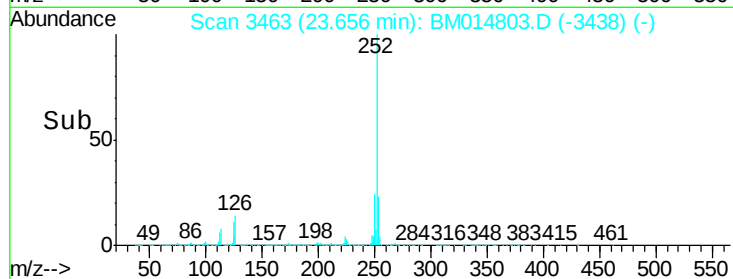
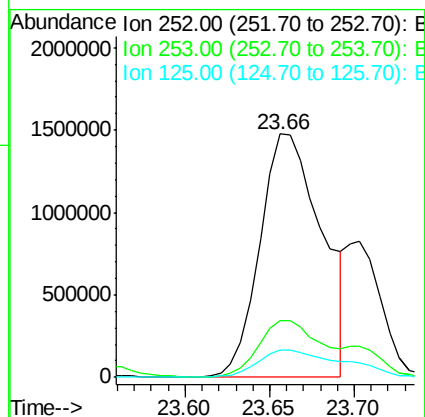
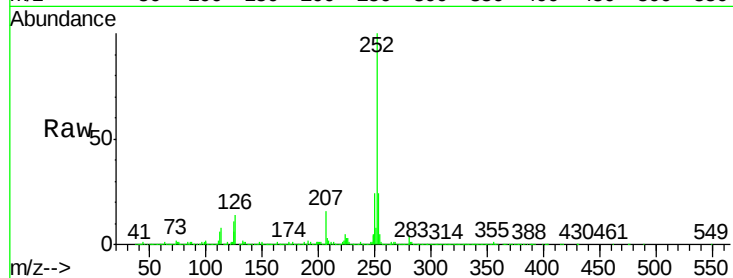
Time-->



#86
Benzo(k)fluoranthene
Concen: 33.841 ng/ul
RT: 23.66 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM014803.D
Acq: 24 Apr 2018 07:28

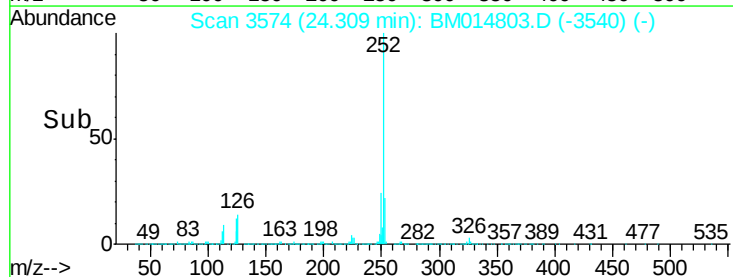
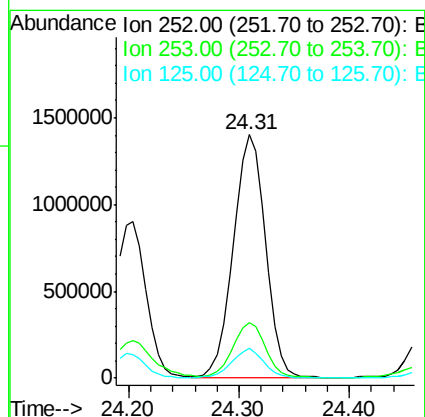
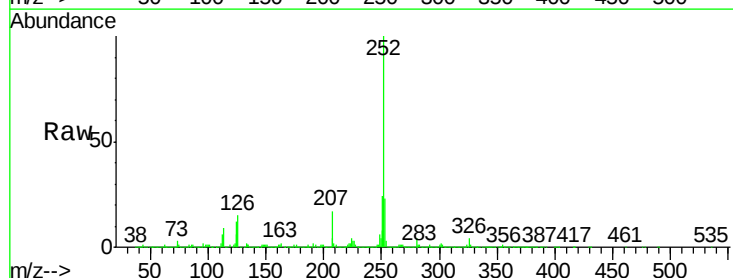
Instrument :
BNA_M
ClientSampleId :

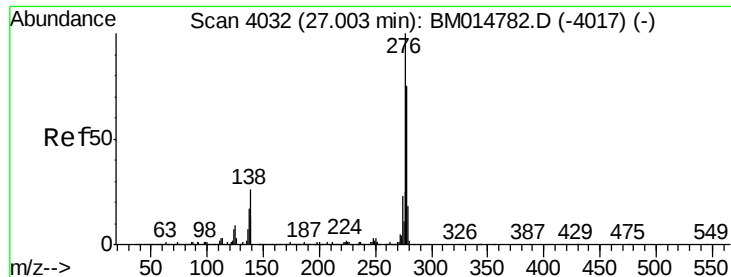
Tot Ion:252 Resp: 3750462
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 11.3 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 26.073 ng/ul
RT: 24.31 min Scan# 3574
Delta R.T. 0.00 min
Lab File: BM014803.D
Acq: 24 Apr 2018 07:28

Tgt Ion:252 Resp: 2850522
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.0 4.0 6.0#



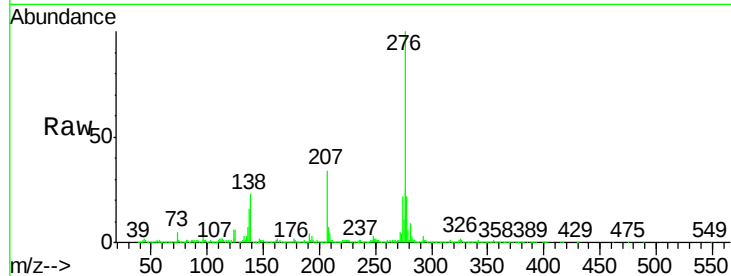


#89

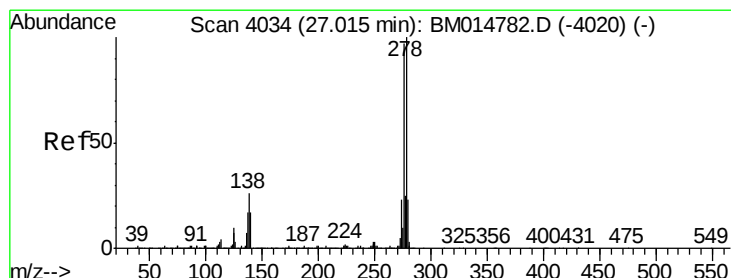
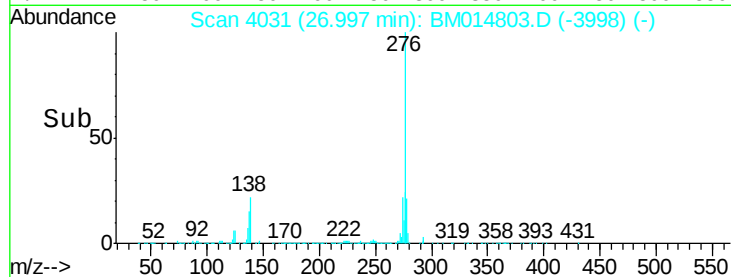
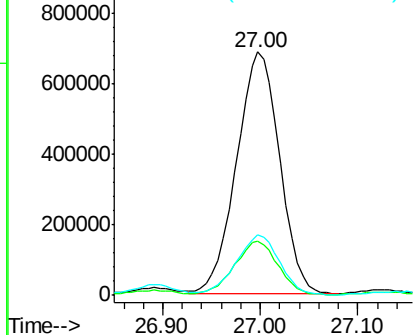
Indeno(1,2,3-cd)pyrene
Concen: 16.017 ng/ul
RT: 27.00 min Scan# 4031
Delta R.T. -0.01 min
Lab File: BM014803.D
Acq: 24 Apr 2018 07:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 2118407
Ion Ratio Lower Upper
276 100
138 22.5 9.3 13.9#
277 24.9 19.9 29.9



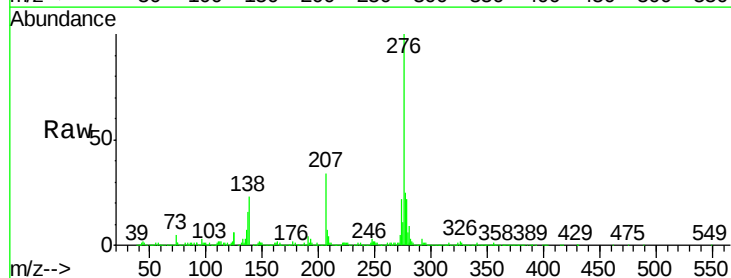
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



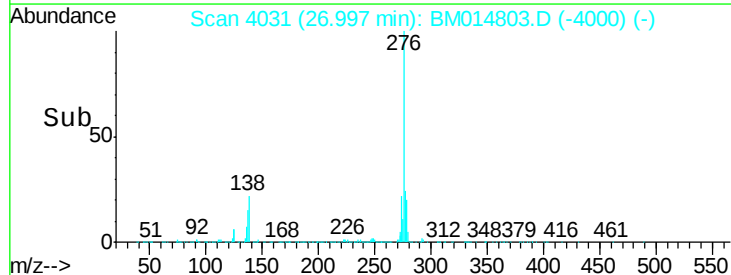
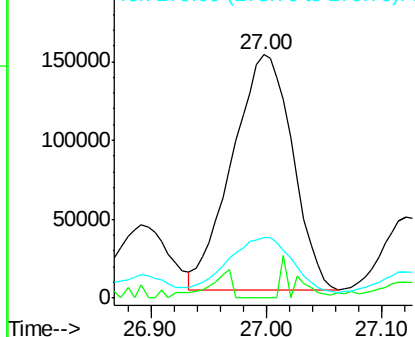
#90

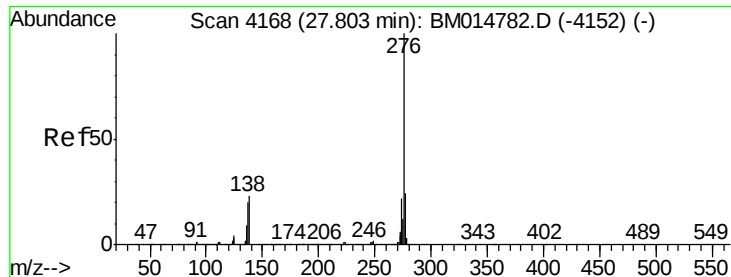
Dibenzo(a,h)anthracene
Concen: 4.846 ng/ul
RT: 27.00 min Scan# 4031
Delta R.T. -0.02 min
Lab File: BM014803.D
Acq: 24 Apr 2018 07:28

Tgt Ion:278 Resp: 539616
Ion Ratio Lower Upper
278 100
139 0.0 5.8 8.8#
279 25.1 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(a,h,i)perylene

Concen: 19.959 ng/ul

RT: 27.80 min Scan# 4168

Delta R.T. 0.00 min

Lab File: BM014803.D

Acq: 24 Apr 2018 07:28

Instrument :

BNA_M

ClientSampleId :

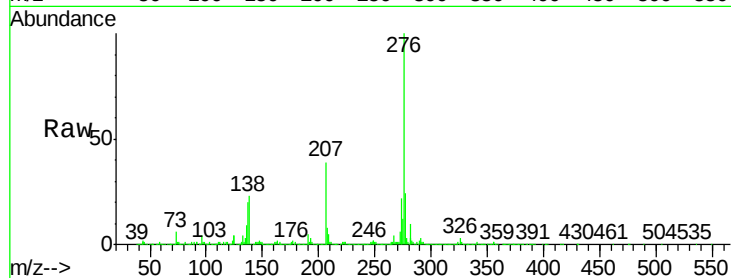
Tot Ion:276 Resp: 2171677

Ion Ratio Lower Upper

276 100

138 22.6 8.5 12.7#

277 24.3 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

