

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
 Data File : BM015997.D
 Acq On : 19 Jul 2018 19:25
 Operator : SJ/JU
 Sample : J4023-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB1K6

Quant Time: Jul 20 00:26:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 18 01:01:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	45333	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	227250	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	140182	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	333842	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	412019	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	427828	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	2702	2.62	ng/uL	0.00
5) Phenol-d5	7.41	99	58174	14.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	39824	15.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	52101	15.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	53673	15.13	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	25387	15.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	27163	14.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	55028	15.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	71146	16.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	217509	17.02	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	237796	16.32	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	19882	8.98	ng/ul	0.00
57) Fluorene-d10	15.86	176	185967	17.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	23243	10.43	ng/ul	0.00
70) Anthracene-d10	17.71	188	283616	16.59	ng/ul	0.00
78) Pyrene-d10	19.96	212	357222	18.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	415499	17.66	ng/ul	0.00

Target Compounds

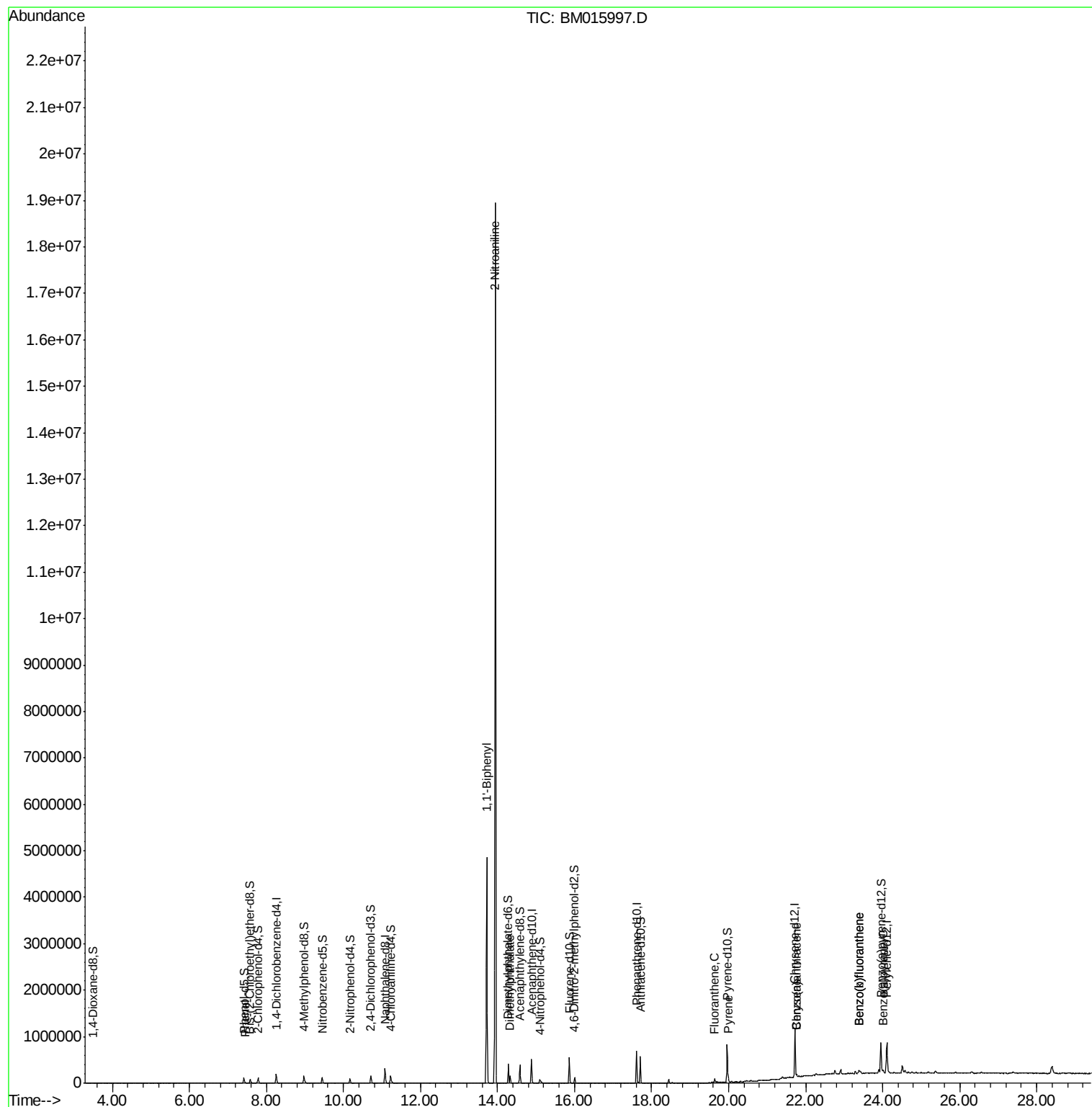
					Ovalue	
6) Phenol	7.45	94	6067	1.458	ng/ul#	61
40) 1,1'-Biphenyl	13.72	154	2016268	169.848	ng/ul	99
42) 2-Nitroaniline	13.95	65	816314	278.428	ng/ul#	1
44) Dimethylphthalate	14.33	163	88584	7.000	ng/ul	98
76) Fluoranthene	19.64	202	45722	1.846	ng/ul	99
79) Pyrene	19.99	202	45344	1.867	ng/ul#	93
82) Benzo(a)anthracene	21.76	228	35750	1.342	ng/ul	94
84) Chrysene	21.76	228	35750	1.435	ng/ul	97
87) Benzo(b)fluoranthene	23.39	252	48953	1.784	ng/ul	96
88) Benzo(k)fluoranthene	23.39	252	48953	1.866	ng/ul	95
90) Benzo(a)pyrene	24.01	252	27717	1.050	ng/ul	95

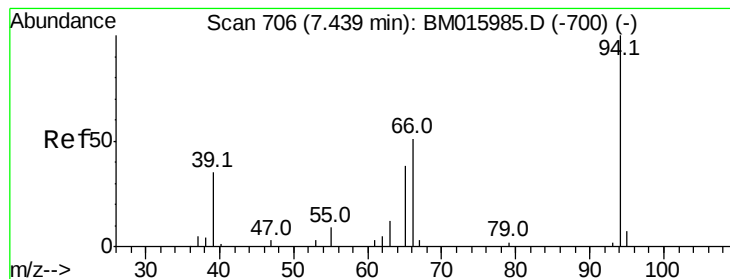
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 18 01:01:35 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.458 ng/ul

RT: 7.45 min Scan# 707

Delta R.T. 0.01 min

Lab File: BM015997.D

Acq: 19 Jul 2018 19:25

Instrument :

BNA_M

ClientSampleId :

DB1K6

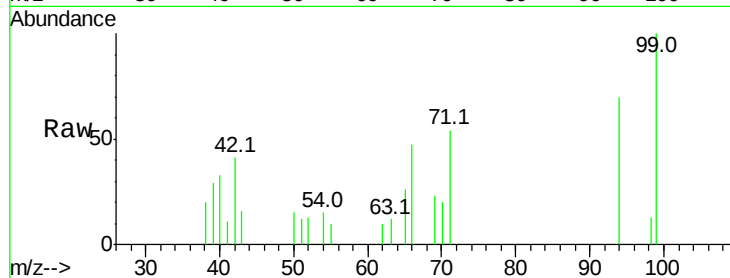
Tot Ion: 94 Resp: 6067

Ion Ratio Lower Upper

94 100

65 37.2 21.0 31.6#

66 67.0 29.3 43.9#



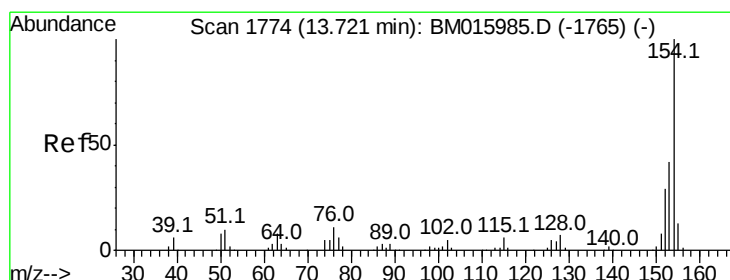
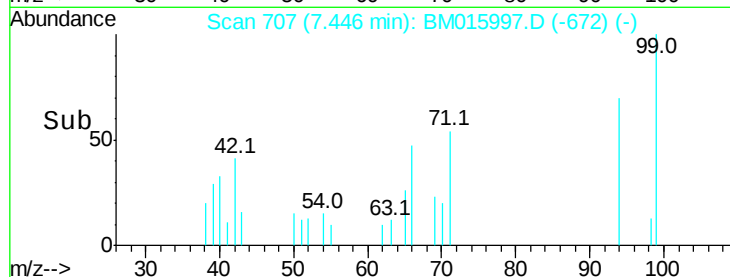
Abundance Ion 94.00 (93.70 to 94.70): BM015985.D (-700) (-)

Ion 65.00 (64.70 to 65.70): BM015985.D (-700) (-)

Ion 66.00 (65.70 to 66.70): BM015985.D (-700) (-)

7.45

Time-->



#40

1,1'-Biphenyl

Concen: 169.848 ng/ul

RT: 13.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BM015997.D

Acq: 19 Jul 2018 19:25

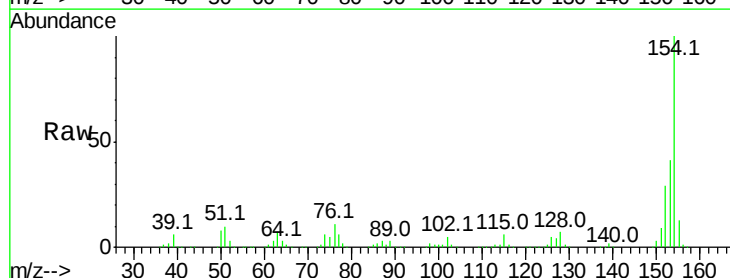
Tgt Ion:154 Resp: 2016268

Ion Ratio Lower Upper

154 100

153 40.7 32.1 48.1

76 11.3 9.5 14.3



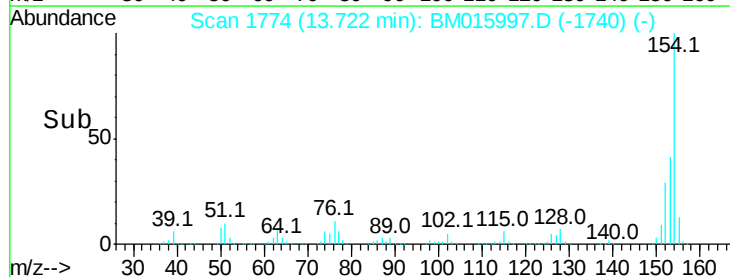
Abundance Ion 154.00 (153.70 to 154.70): BM015985.D (-1765) (-)

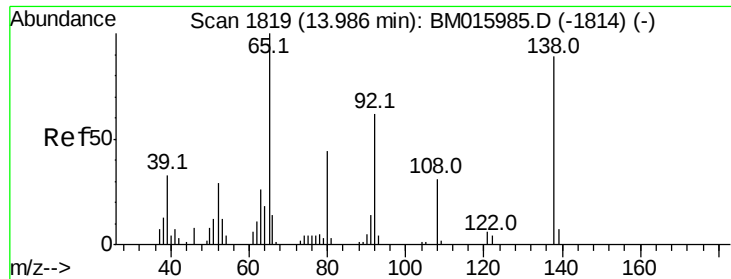
Ion 153.00 (152.70 to 153.70): BM015985.D (-1765) (-)

Ion 76.00 (75.70 to 76.70): BM015985.D (-1765) (-)

13.72

Time-->





#42

2-Nitroaniline

Concen: 278.428 ng/ul

RT: 13.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: BM015997.D

Acq: 19 Jul 2018 19:25

Instrument :

BNA_M

ClientSampleId :

DB1K6

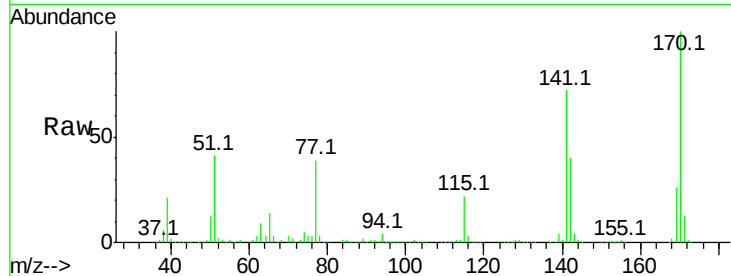
Tot Ion: 65 Resp: 816314

Ion Ratio Lower Upper

65 100

92 4.0 60.4 90.6#

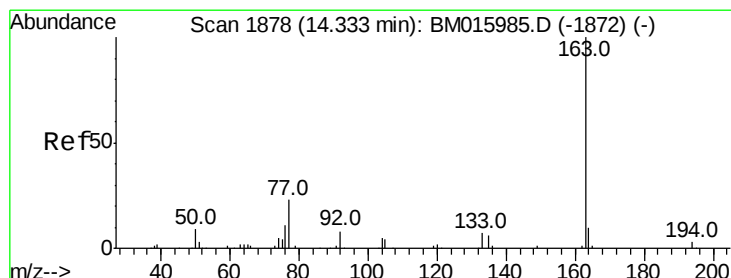
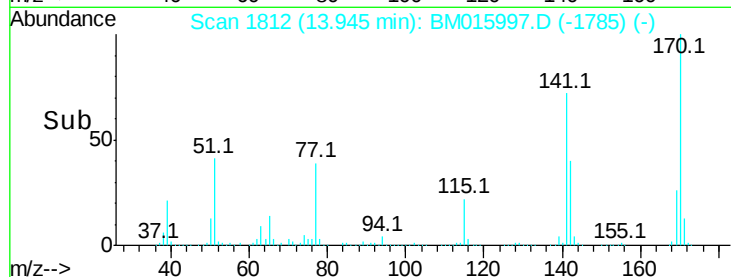
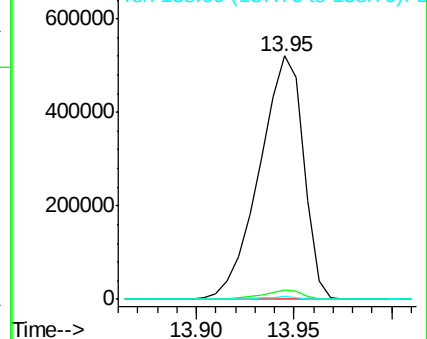
138 1.0 99.8 149.6#



Abundance Ion 65.00 (64.70 to 65.70): BM015985.D (-1814) (-)

Ion 92.00 (91.70 to 92.70): BM015985.D (-1814) (-)

Ion 138.00 (137.70 to 138.70): BM015985.D (-1814) (-)



#44

Dimethylphthalate

Concen: 7.000 ng/ul

RT: 14.33 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM015997.D

Acq: 19 Jul 2018 19:25

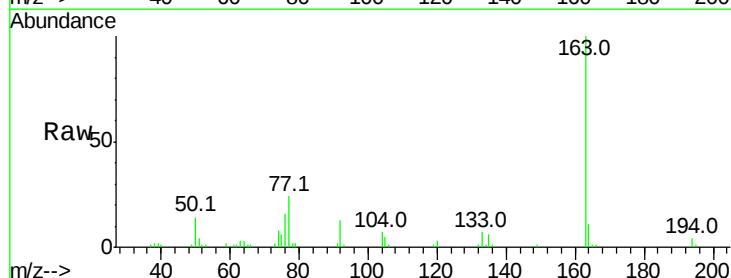
Tgt Ion:163 Resp: 88584

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

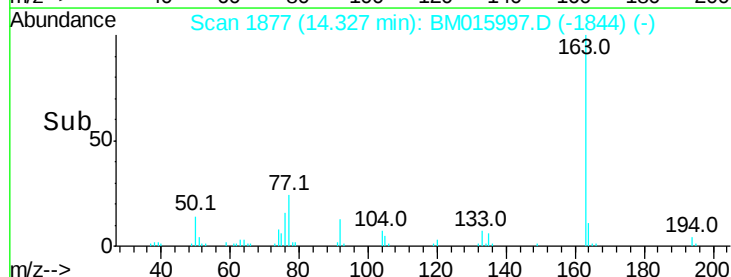
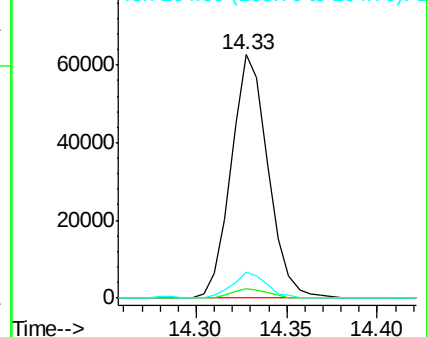
164 10.8 7.8 11.8

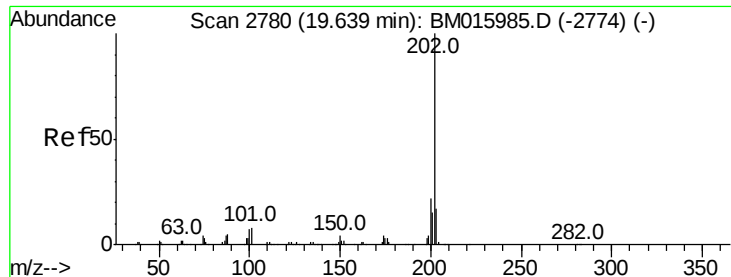


Abundance Ion 163.00 (162.70 to 163.70): BM015985.D (-1872) (-)

Ion 194.00 (193.70 to 194.70): BM015985.D (-1872) (-)

Ion 164.00 (163.70 to 164.70): BM015985.D (-1872) (-)

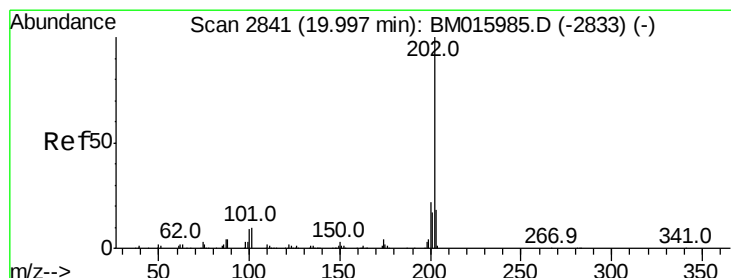
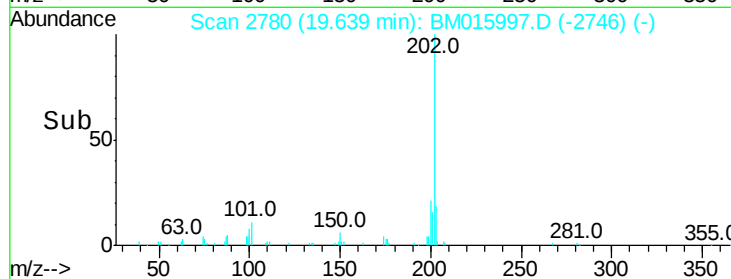
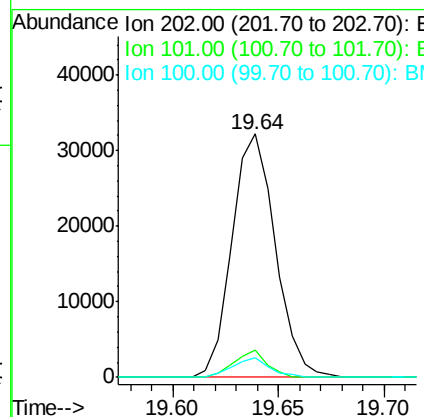
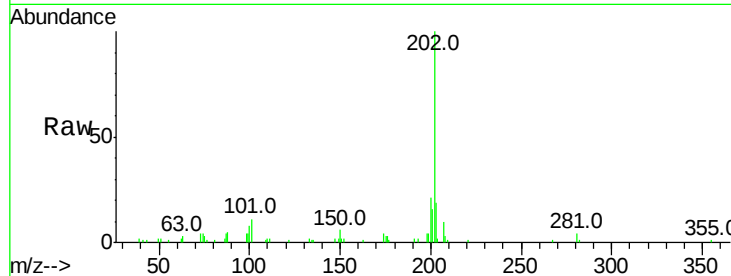




#76
 Fluoranthene
 Concen: 1.846 ng/ul
 RT: 19.64 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: BM015997.D
 Acq: 19 Jul 2018 19:25

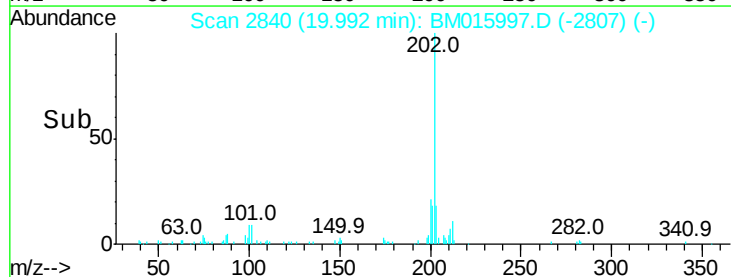
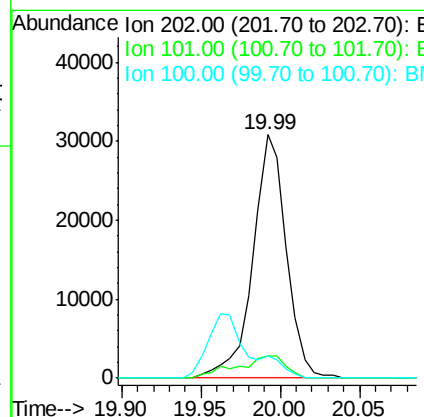
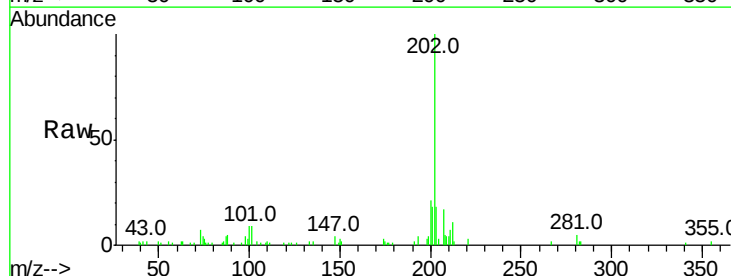
Instrument :
 BNA_M
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 DB1K6

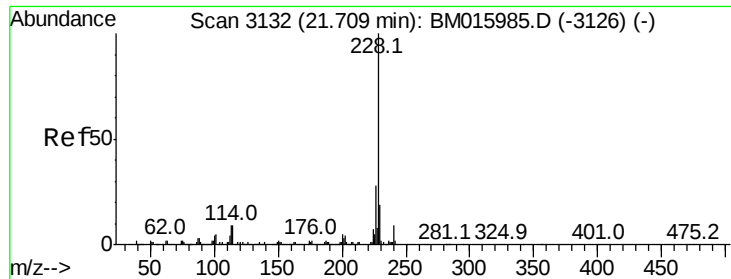
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
100	7.9	6.6	9.8



#79
 Pyrene
 Concen: 1.867 ng/ul
 RT: 19.99 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM015997.D
 Acq: 19 Jul 2018 19:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	10.2	15.2#
100	9.0	8.5	12.7





#82

Benzo(a)anthracene

Concen: 1.342 ng/ul

RT: 21.76 min Scan# 3141

Delta R.T. 0.05 min

Lab File: BM015997.D

Acq: 19 Jul 2018 19:25

Instrument :

BNA_M

ClientSampleId :

DB1K6

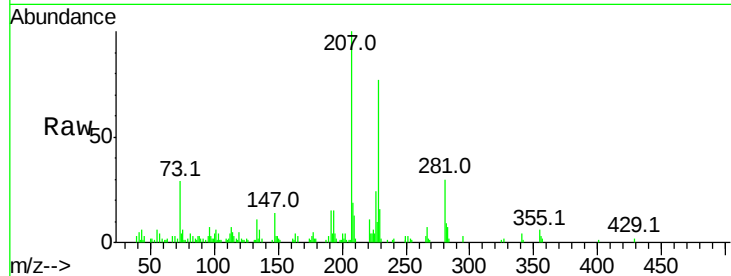
Tot Ion:228 Resp: 35750

Ion Ratio Lower Upper

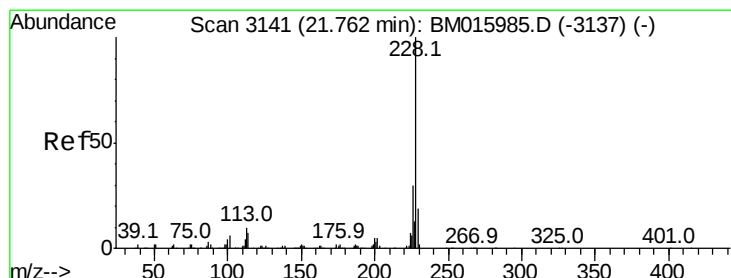
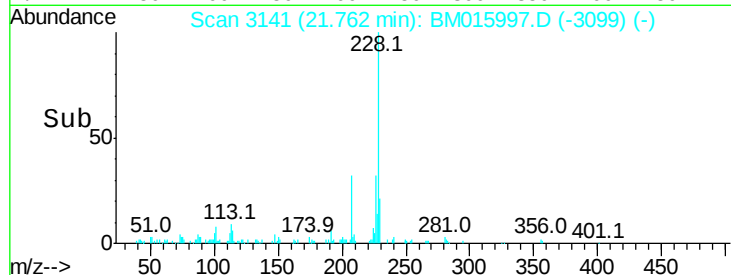
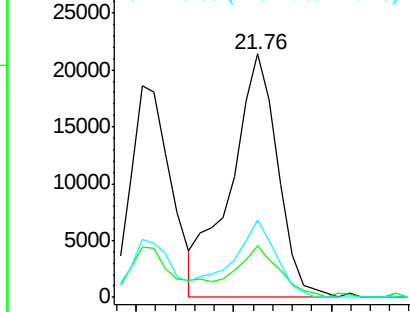
228 100

229 21.0 15.7 23.5

226 31.5 21.8 32.6



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



#84

Chrysene

Concen: 1.435 ng/ul

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015997.D

Acq: 19 Jul 2018 19:25

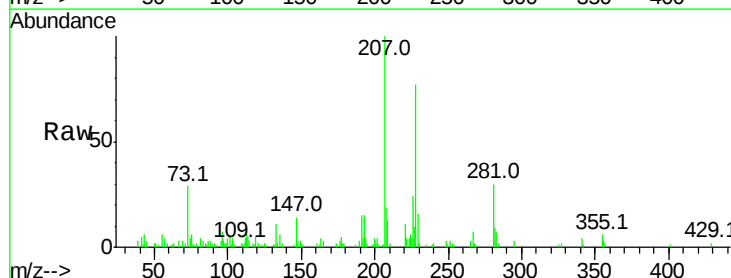
Tgt Ion:228 Resp: 35750

Ion Ratio Lower Upper

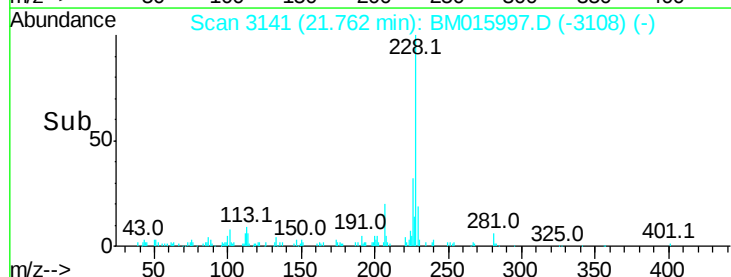
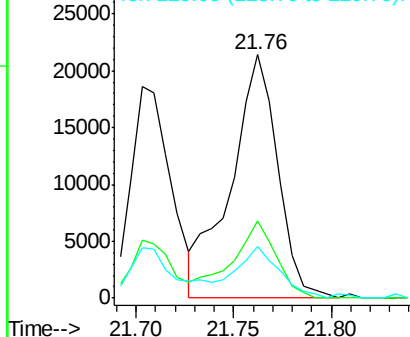
228 100

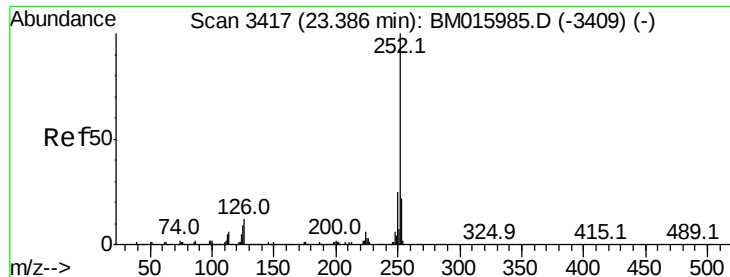
226 31.5 24.0 36.0

229 21.0 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





#87

Benzo(b)fluoranthene

Concen: 1.784 ng/ul

RT: 23.39 min Scan# 3417

Delta R.T. 0.00 min

Lab File: BM015997.D

Acq: 19 Jul 2018 19:25

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ClientSampleId :

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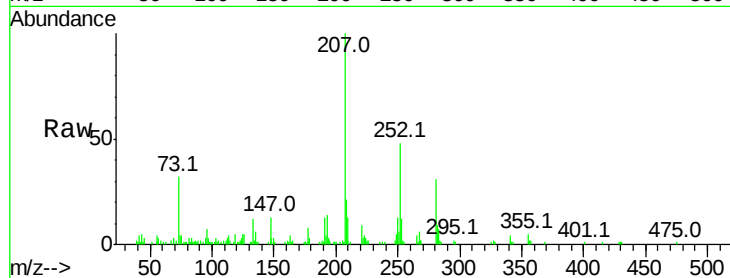
Tot Ion:252 Resp: 48953

Ion Ratio Lower Upper

252 100

253 24.6 17.5 26.3

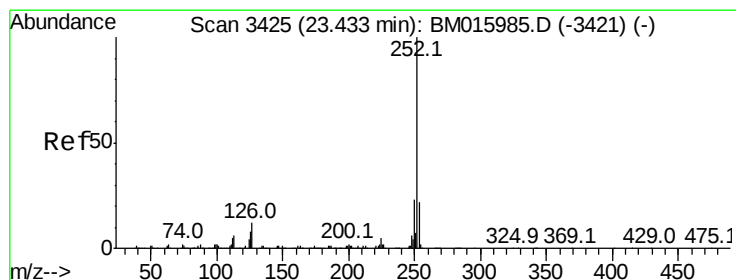
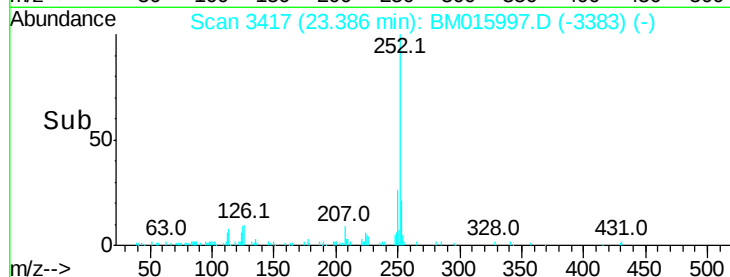
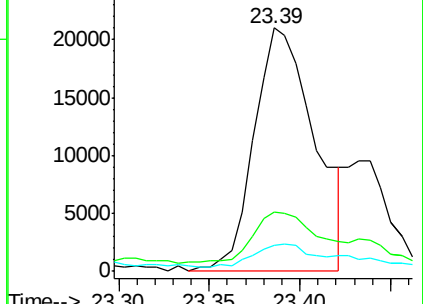
125 10.9 8.5 12.7



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



#88

Benzo(k)fluoranthene

Concen: 1.866 ng/ul

RT: 23.39 min Scan# 3417

Delta R.T. -0.05 min

Lab File: BM015997.D

Acq: 19 Jul 2018 19:25

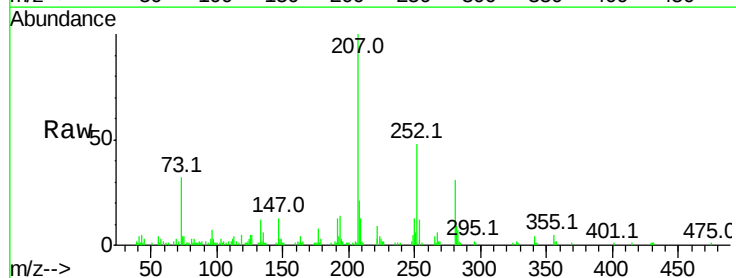
Tgt Ion:252 Resp: 48953

Ion Ratio Lower Upper

252 100

253 24.6 17.3 25.9

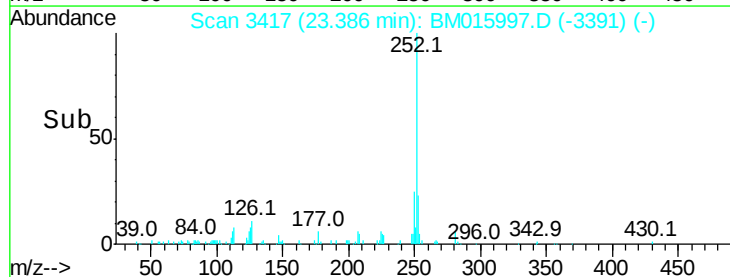
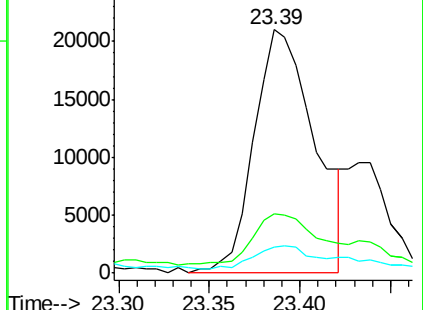
125 10.9 8.2 12.2

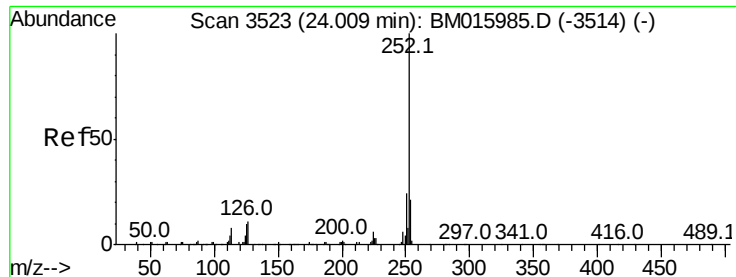


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.050 ng/ul

RT: 24.01 min Scan# 3523

Delta R.T. -0.01 min

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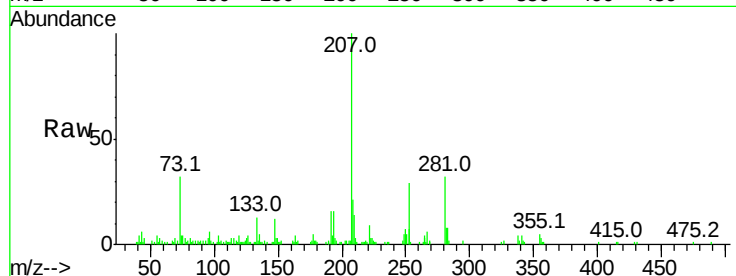
Tot Ion:252 Resp: 27717

Ion Ratio Lower Upper

252 100

253 24.9 17.2 25.8

125 11.7 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

