

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018156.D
 Acq On : 14 Dec 2018 07:37
 Operator : JU/SJ
 Sample : J6236-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 12:49:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 14 05:30:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	188485	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	849293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	477276	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.92	188	881344	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	683660	20.00	ng/ul	0.00
85) Perylene-d12	23.30	264	652104	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.10	96	13376	3.39	ng/uL	0.00
5) Phenol-d5	6.70	99	250522	13.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	155502	16.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	221143	15.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	178626	12.16	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	113845	16.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	124585	15.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	193298	13.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	234887	18.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	710475	16.83	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	822848	15.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	76185	10.00	ng/ul	0.00
57) Fluorene-d10	15.17	176	543372	15.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	67647	10.07	ng/ul	0.00
70) Anthracene-d10	17.02	188	709628	15.93	ng/ul	0.00
78) Pyrene-d10	19.33	212	678316	20.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	547504	15.16	ng/ul	0.00

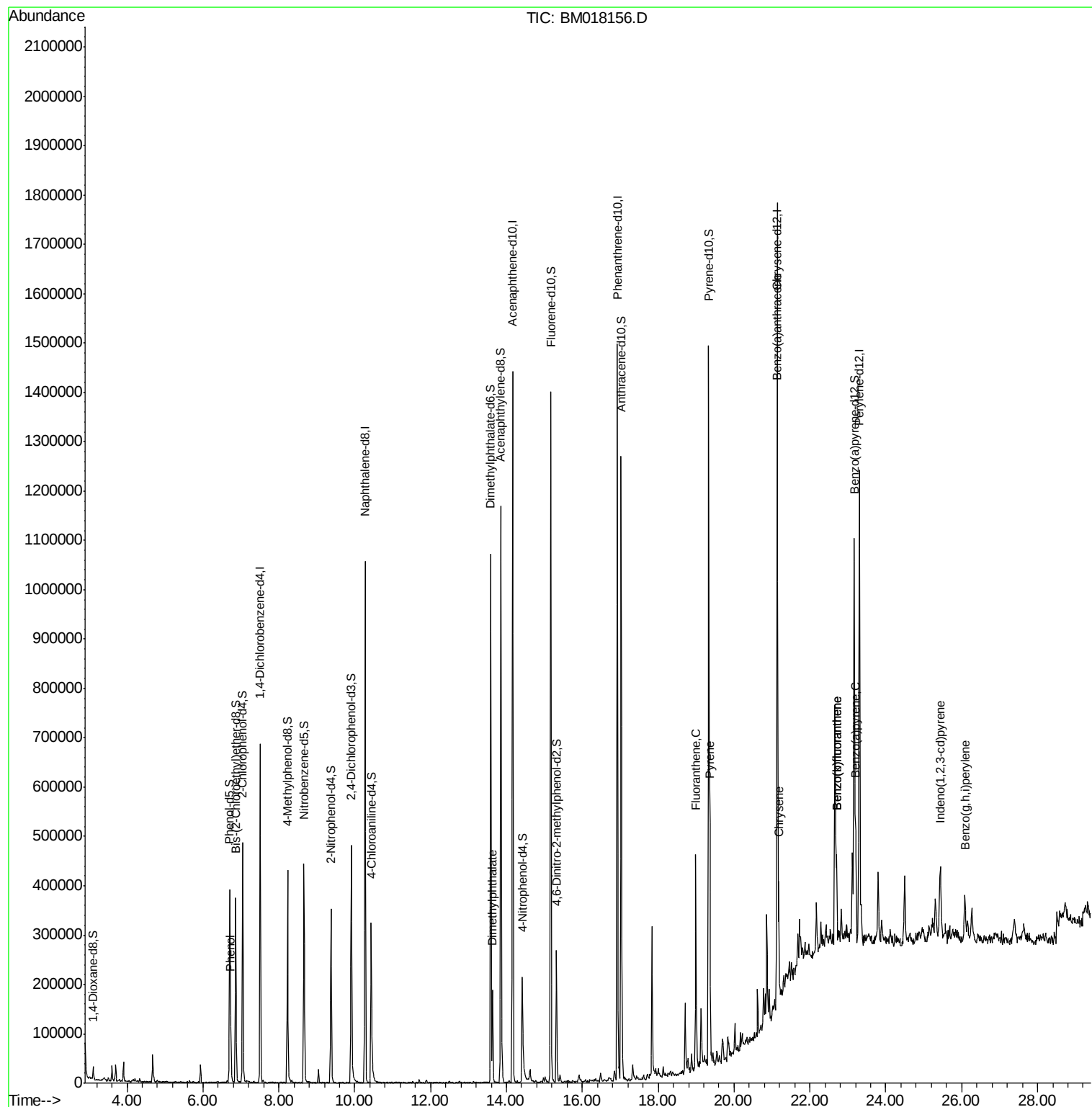
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.73	94	52144	2.927	ng/ul	95
44) Dimethylphthalate	13.63	163	118974	2.960	ng/ul#	98
76) Fluoranthene	18.99	202	258438	4.331	ng/ul	97
79) Pyrene	19.36	202	287642	7.033	ng/ul	99
82) Benzo(a)anthracene	21.13	228	167508	3.871	ng/ul	94
84) Chrysene	21.18	228	158686	3.930	ng/ul	98
87) Benzo(b)fluoranthene	22.70	252	78653	2.024	ng/ul	97
88) Benzo(k)fluoranthene	22.70	252	79642	2.059	ng/ul	97
90) Benzo(a)pyrene	23.21	252	128383	3.349	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.43	276	131452	3.022	ng/ul	95
93) Benzo(g,h,i)perylene	26.09	276	106984	2.951	ng/ul	96

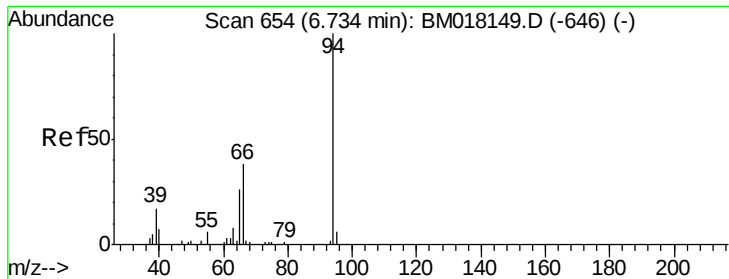
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 05:30:21 2018
Response via : Initial Calibration





#6

Phenol

Concen: 2.927 ng/ul

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018156.D

Acq: 14 Dec 2018 07:37

Instrument :

BNA_F

ClientSampleId :

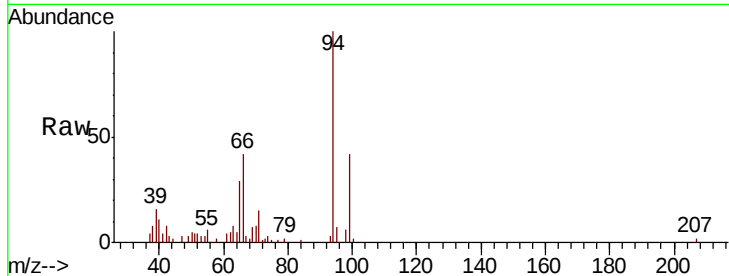
Tot Ion: 94 Resp: 52144

Ion Ratio Lower Upper

94 100

65 29.1 22.0 33.0

66 42.0 30.3 45.5

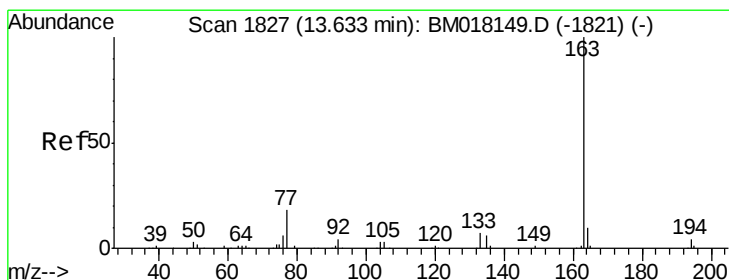
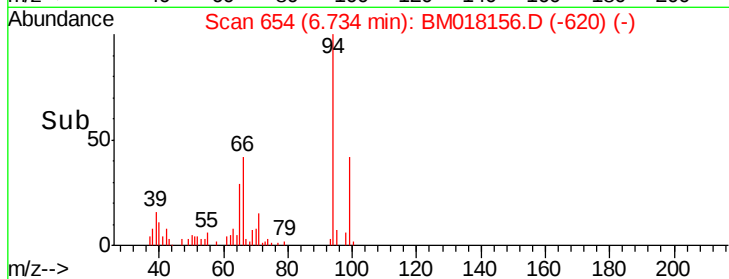
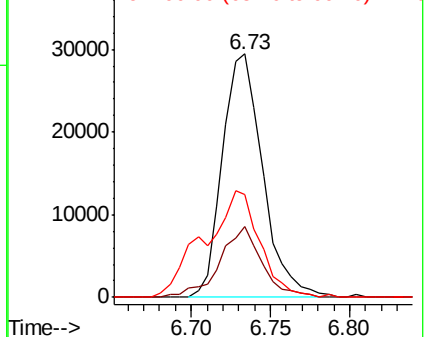


Abundance

Ion 94.00 (93.70 to 94.70): BM018149.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM018149.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM018149.D (-646) (-)



#44

Dimethylphthalate

Concen: 2.960 ng/ul

RT: 13.63 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018156.D

Acq: 14 Dec 2018 07:37

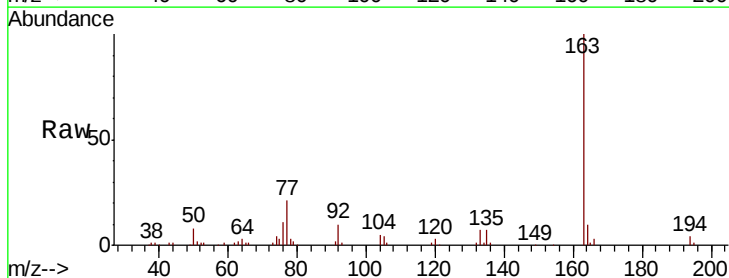
Tgt Ion: 163 Resp: 118974

Ion Ratio Lower Upper

163 100

194 3.7 3.7 5.5#

164 9.7 8.2 12.4

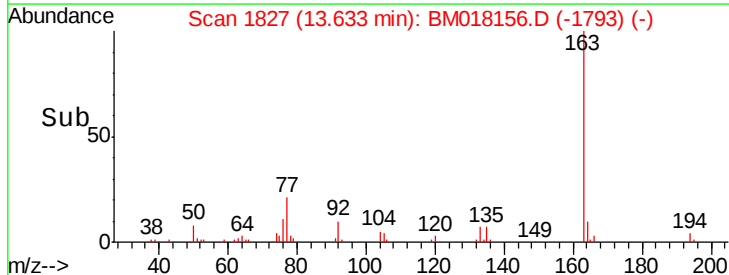
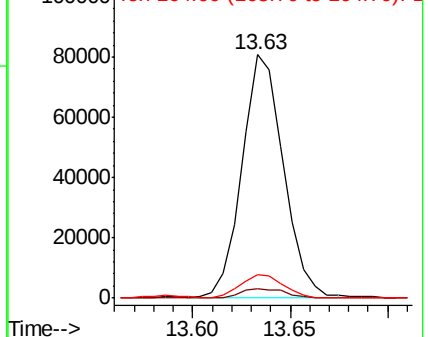


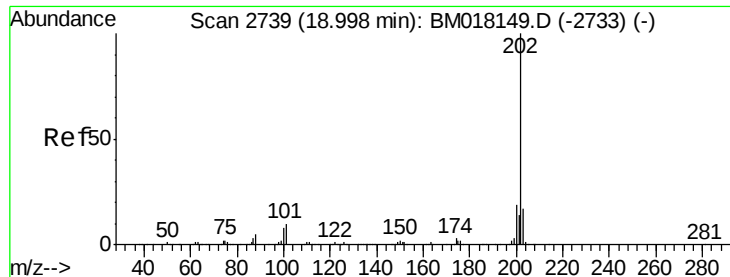
Abundance

Ion 163.00 (162.70 to 163.70): BM018149.D (-1821) (-)

Ion 194.00 (193.70 to 194.70): BM018149.D (-1821) (-)

Ion 164.00 (163.70 to 164.70): BM018149.D (-1821) (-)

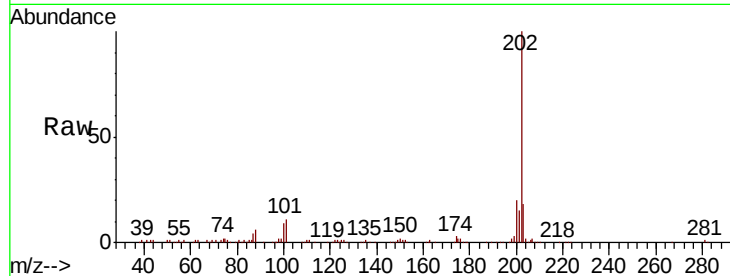




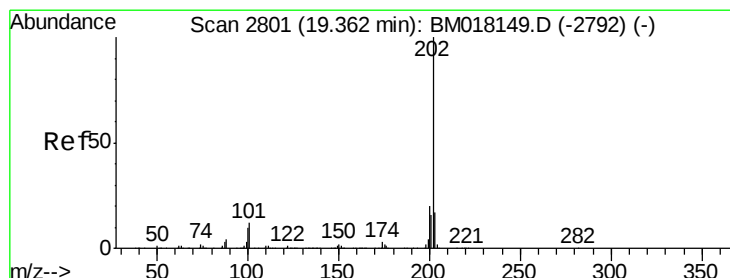
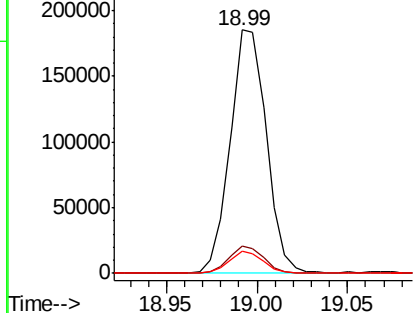
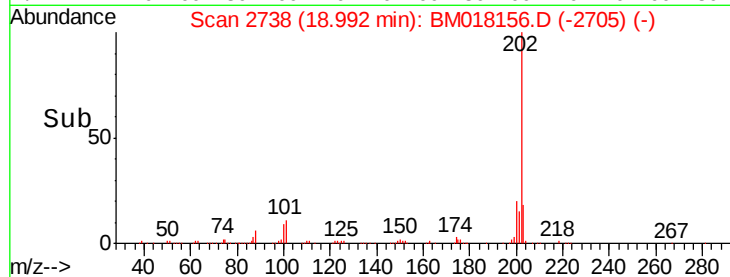
#76
 Fluoranthene
 Concen: 4.331 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BM018156.D
 Acq: 14 Dec 2018 07:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.0	12.0
100	9.2	6.6	10.0

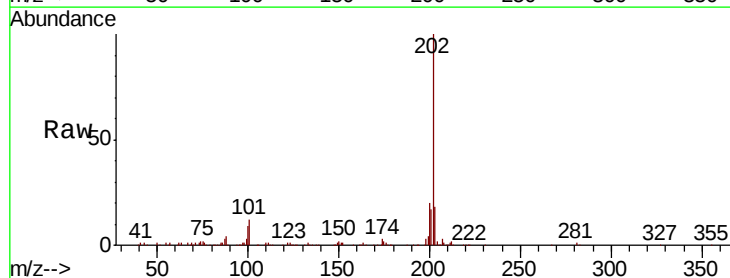


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

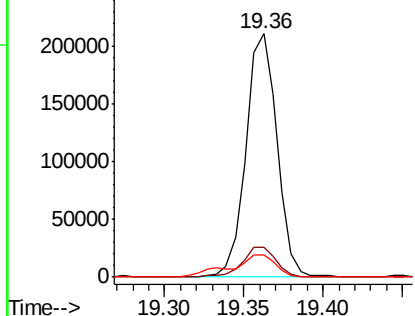
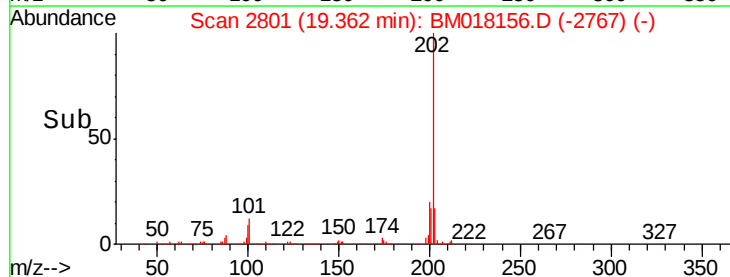


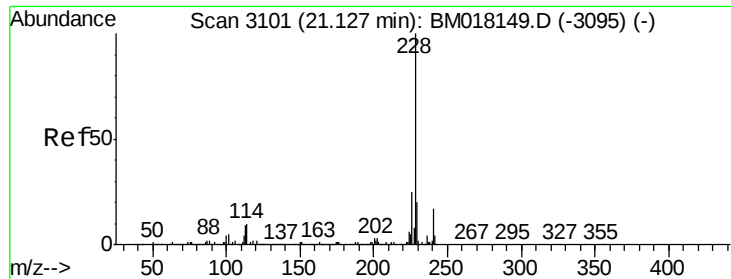
#79
 Pyrene
 Concen: 7.033 ng/ul
 RT: 19.36 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM018156.D
 Acq: 14 Dec 2018 07:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
100	9.2	7.7	11.5



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





#82

Benzo(a)anthracene

Concen: 3.871 ng/ul

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM018156.D

Acq: 14 Dec 2018 07:37

Instrument :

BNA_F

ClientSampleId :

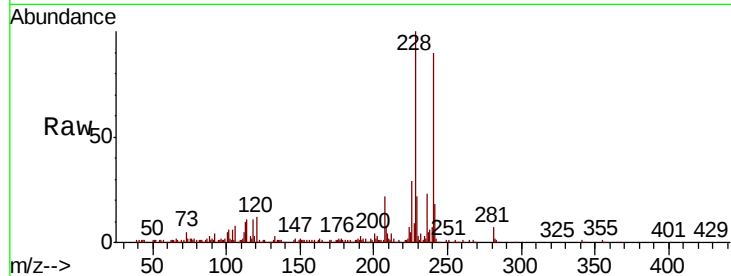
Tot Ion:228 Resp: 167508

Ion Ratio Lower Upper

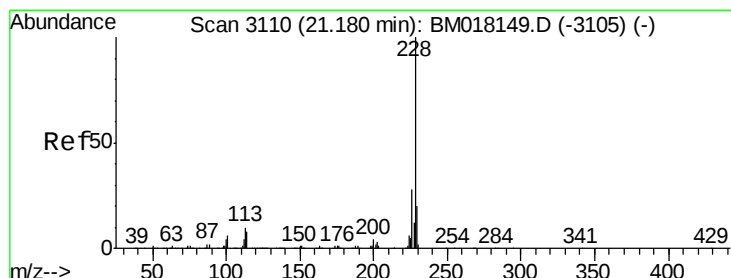
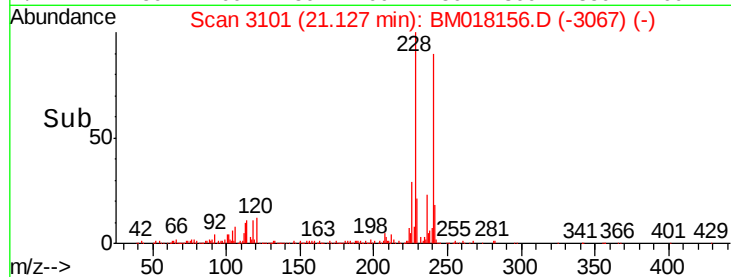
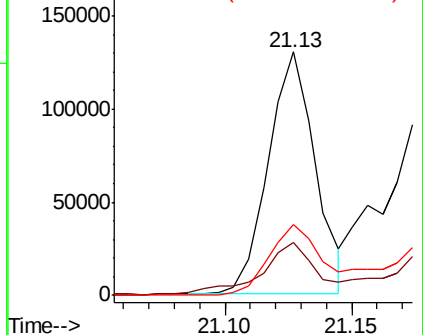
228 100

229 21.6 16.0 24.0

226 29.2 20.5 30.7



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: 3.930 ng/ul

RT: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM018156.D

Acq: 14 Dec 2018 07:37

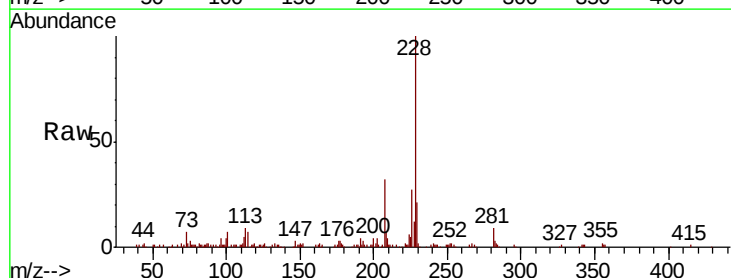
Tgt Ion:228 Resp: 158686

Ion Ratio Lower Upper

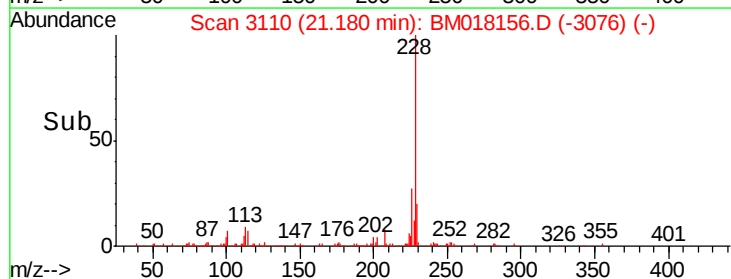
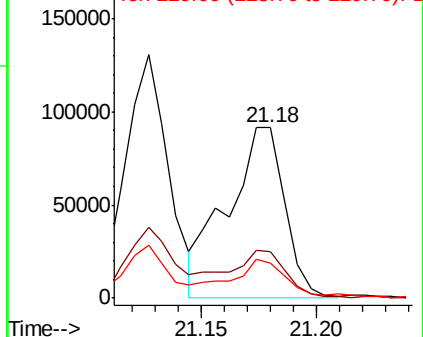
228 100

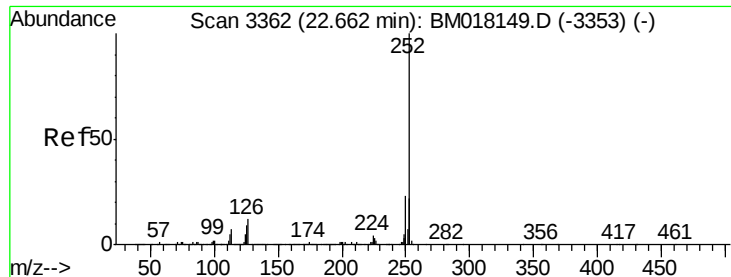
226 27.2 22.6 33.8

229 20.9 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





#87

Benzo(b)fluoranthene

Concen: 2.024 ng/ul

RT: 22.70 min Scan# 3369

Delta R.T. 0.04 min

Lab File: BM018156.D

Acq: 14 Dec 2018 07:37

Instrument :

BNA_F

ClientSampleId :

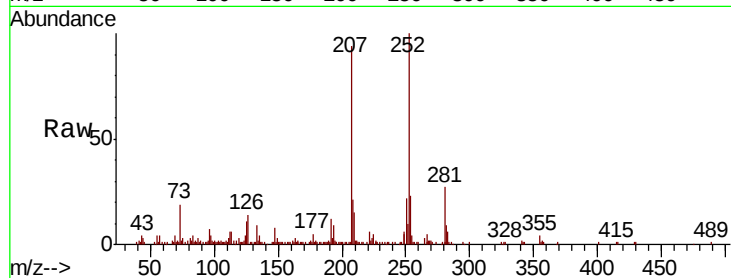
Tot Ion:252 Resp: 78653

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

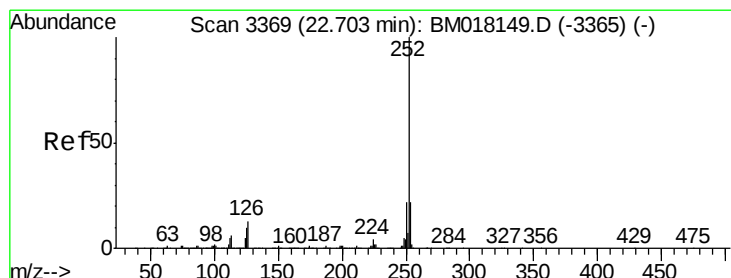
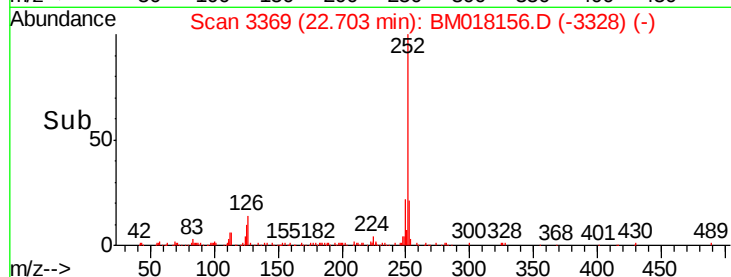
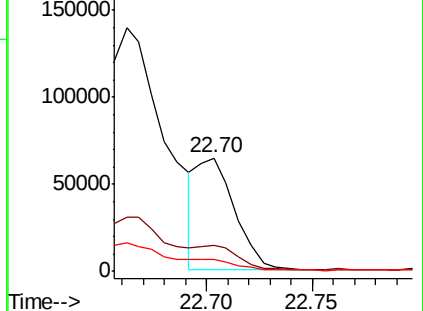
125 11.0 7.8 11.6



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



#88

Benzo(k)fluoranthene

Concen: 2.059 ng/ul

RT: 22.70 min Scan# 3369

Delta R.T. -0.00 min

Lab File: BM018156.D

Acq: 14 Dec 2018 07:37

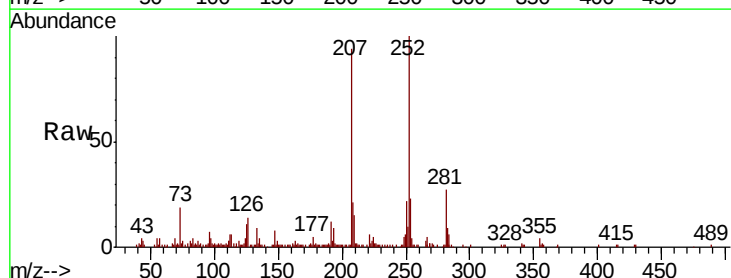
Tgt Ion:252 Resp: 79642

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

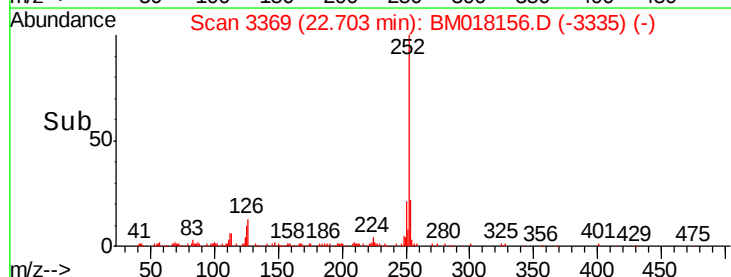
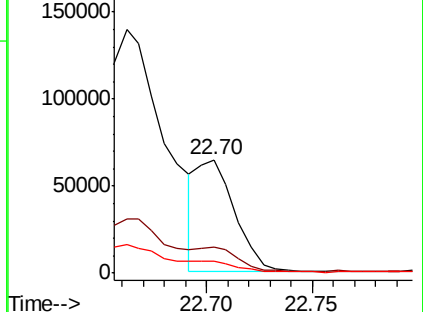
125 11.0 7.8 11.8

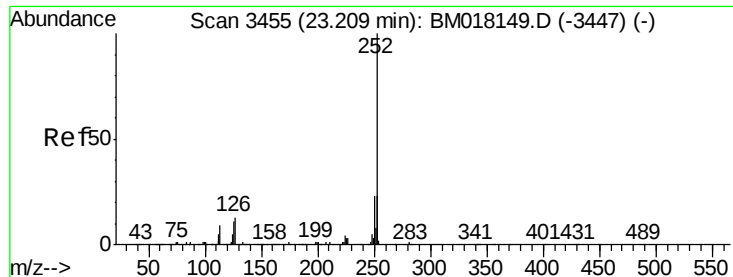


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 3.349 ng/ul

RT: 23.21 min Scan# 3455

Delta R.T. -0.00 min

Lab File: BM018156.D

Acq: 14 Dec 2018 07:37

Instrument :

BNA_F

ClientSampled :

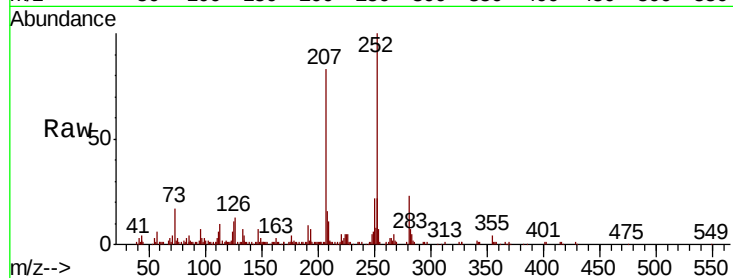
Tot Ion:252 Resp: 128383

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.7 9.0 13.4

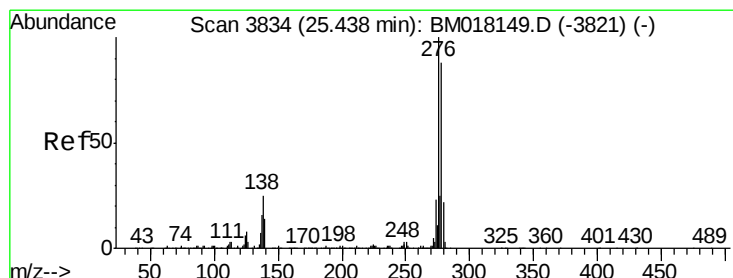
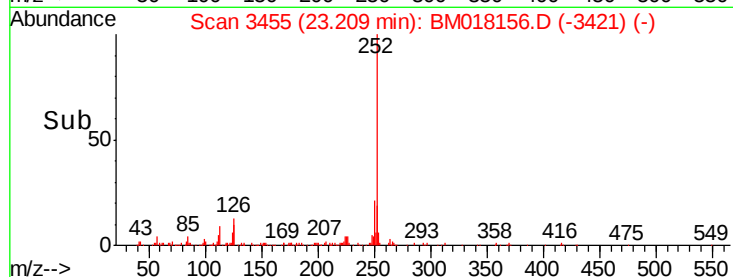
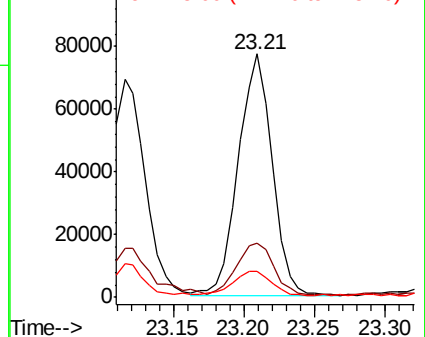


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.022 ng/ul

RT: 25.43 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BM018156.D

Acq: 14 Dec 2018 07:37

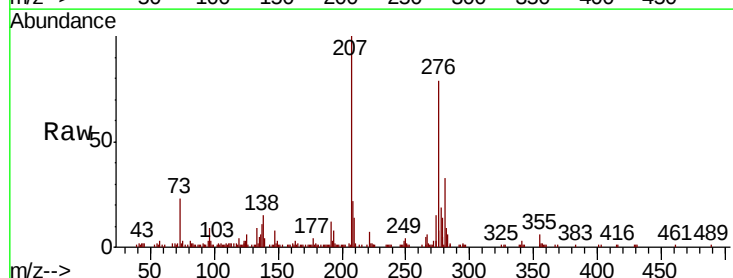
Tgt Ion:276 Resp: 131452

Ion Ratio Lower Upper

276 100

138 19.5 18.6 28.0

277 23.6 20.1 30.1

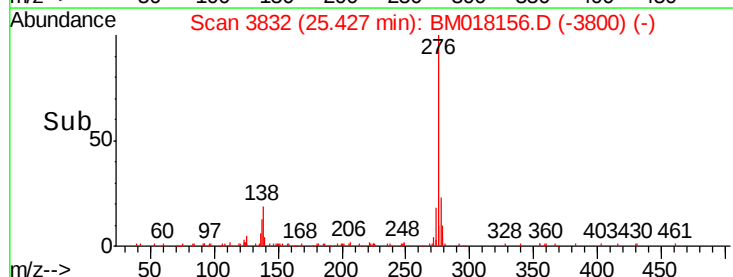
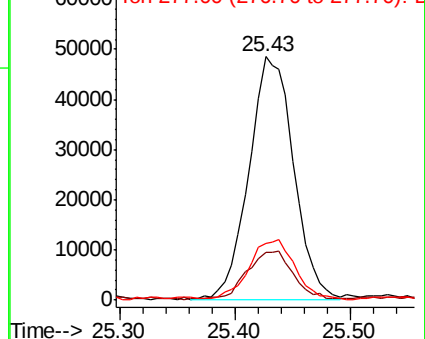


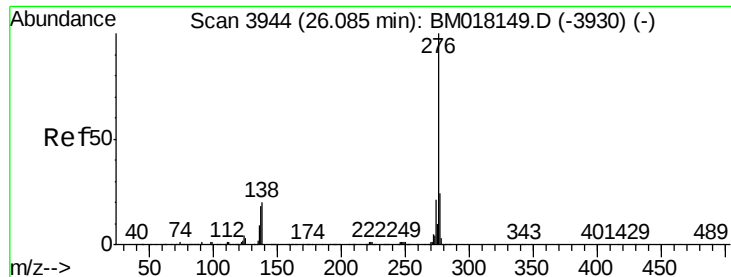
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 2.951 ng/ul

RT: 26.09 min Scan# 3944

Delta R.T. -0.00 min

Lab File: BM018156.D

Acq: 14 Dec 2018 07:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 106984

Ion Ratio Lower Upper

276 100

138 22.3 15.4 23.2

277 23.1 19.0 28.4

