

Data File : BM018150.D
Acq On : 14 Dec 2018 04:00
Operator : JU/SJ
Sample : J6236-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E21

Quant Time: Dec 14 05:32:51 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	140703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	637925	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	345541	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	796511	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	942436	20.00	ng/ul	0.00
85) Perylene-d12	23.30	264	947505	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	7893	2.68	ng/uL	0.00
5) Phenol-d5	6.70	99	171395	12.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	111638	15.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	146239	13.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	125479	11.44	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	72021	13.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	86195	13.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	132383	12.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	164172	17.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	471029	15.41	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	518216	13.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	49350	8.95	ng/ul	0.00
57) Fluorene-d10	15.17	176	396624	15.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	73492	12.11	ng/ul	0.00
70) Anthracene-d10	17.02	188	581266	14.44	ng/ul	0.00
78) Pyrene-d10	19.33	212	664695	14.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	737172	14.05	ng/ul	0.00

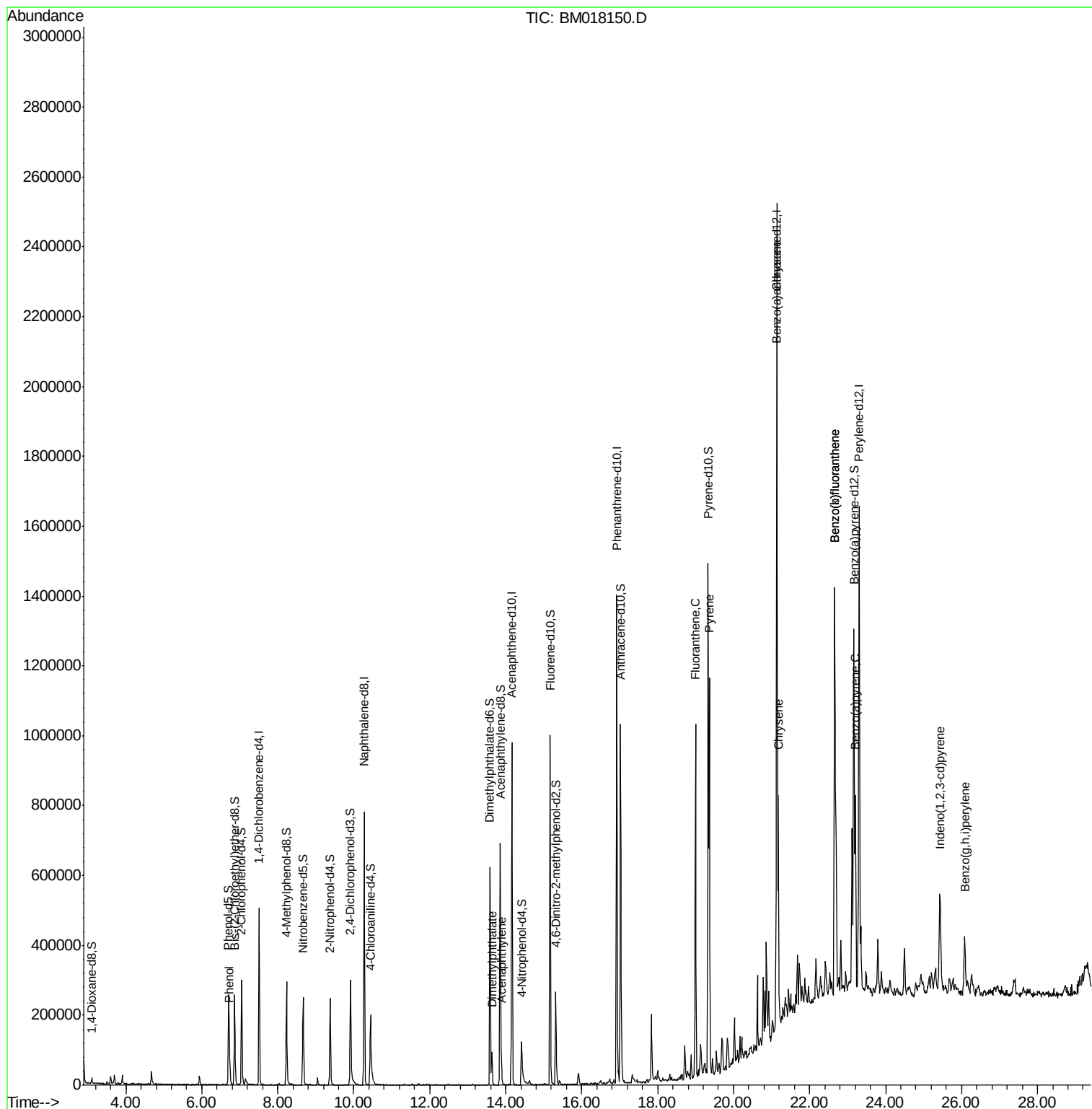
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.73	94	32057	2.411	ng/ul	95
44) Dimethylphthalate	13.64	163	65408	2.247	ng/ul	98
47) Acenaphthylene	13.89	152	65160	1.848	ng/ul	98
76) Fluoranthene	19.00	202	579791	10.750	ng/ul	100
79) Pyrene	19.36	202	633655	11.238	ng/ul	99
82) Benzo(a)anthracene	21.13	228	434903	7.291	ng/ul	99
84) Chrysene	21.18	228	420739	7.560	ng/ul	97
87) Benzo(b)fluoranthene	22.66	252	751375	13.307	ng/ul	98
88) Benzo(k)fluoranthene	22.66	252	751375	13.371	ng/ul	98
90) Benzo(a)pyrene	23.21	252	354745	6.369	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.43	276	259811	4.111	ng/ul	96
93) Benzo(g,h,i)perylene	26.09	276	192082	3.647	ng/ul	98

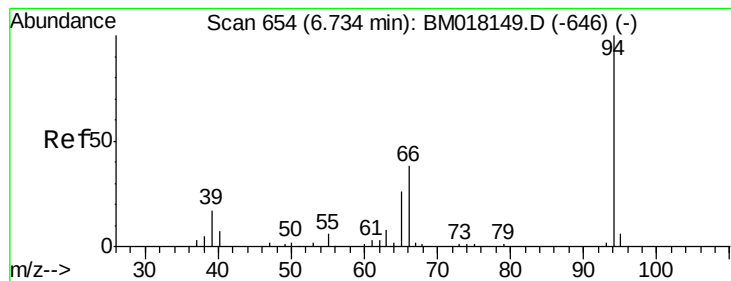
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.411 ng/ul

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018150.D

Acq: 14 Dec 2018 04:00

Instrument :

BNA_M

ClientSampleId :

F9E21

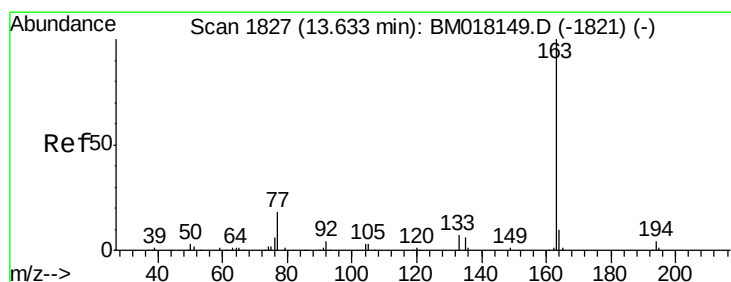
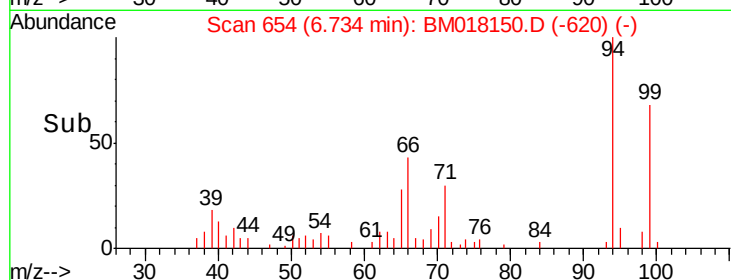
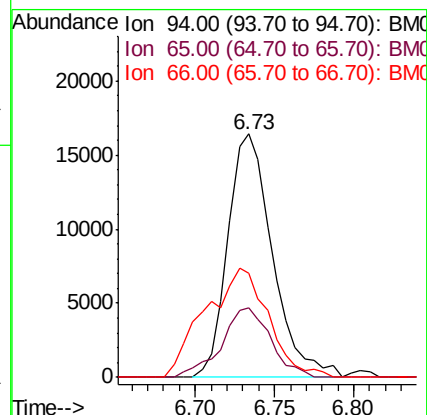
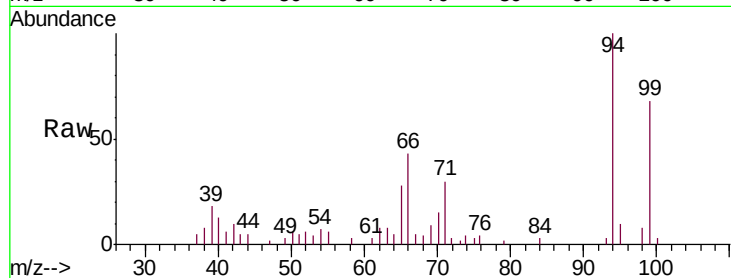
Tgt Ion: 94 Resp: 32057

Ion Ratio Lower Upper

94 100

65 28.3 22.0 33.0

66 42.7 30.3 45.5



#44

Dimethylphthalate

Concen: 2.247 ng/ul

RT: 13.64 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BM018150.D

Acq: 14 Dec 2018 04:00

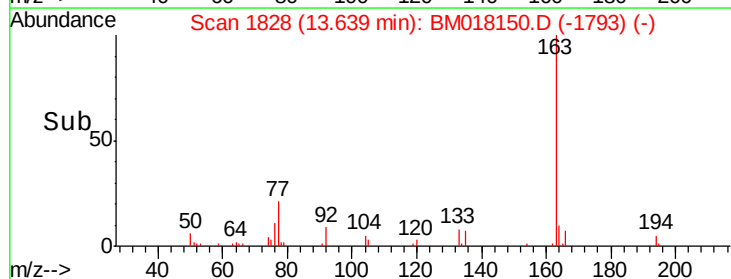
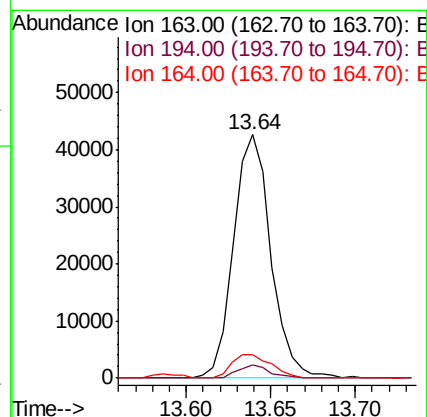
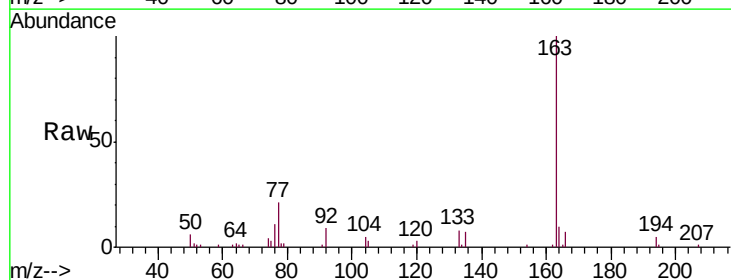
Tgt Ion: 163 Resp: 65408

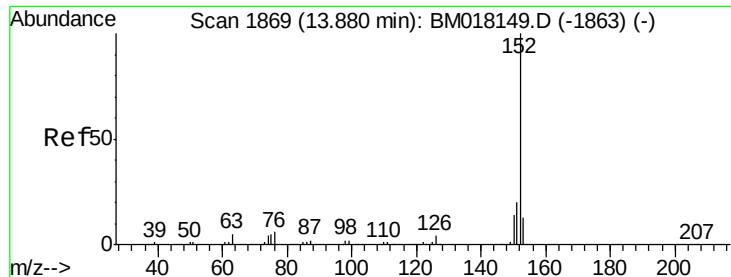
Ion Ratio Lower Upper

163 100

194 5.4 3.7 5.5

164 9.9 8.2 12.4





#47

Acenaphthylene

Concen: 1.848 ng/ul

RT: 13.89 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BM018150.D

Acq: 14 Dec 2018 04:00

Instrument :

BNA_M

ClientSampleId :

F9E21

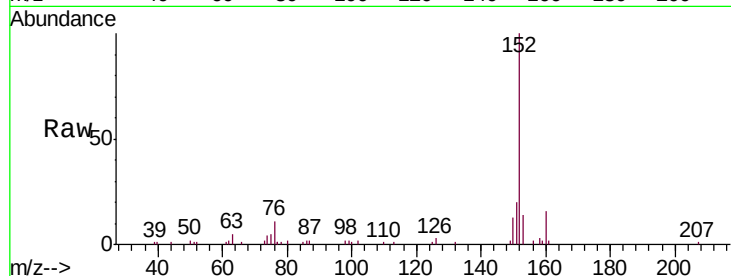
Tgt Ion:152 Resp: 65160

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

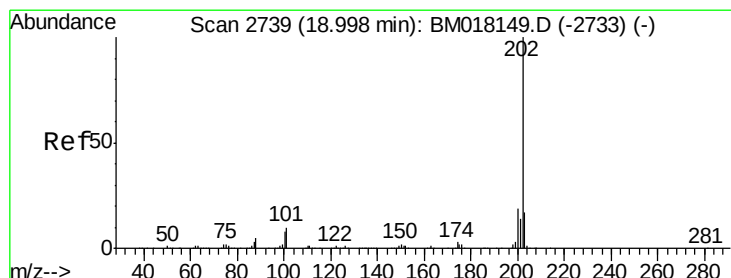
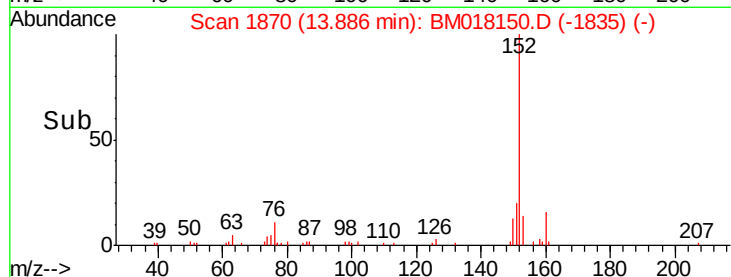
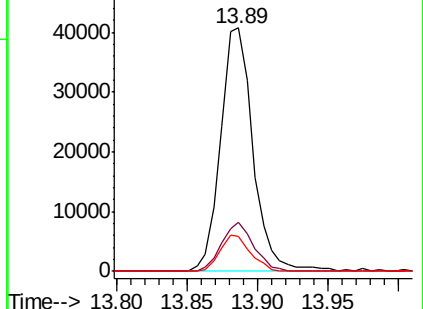
153 14.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#76

Fluoranthene

Concen: 10.750 ng/ul

RT: 19.00 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM018150.D

Acq: 14 Dec 2018 04:00

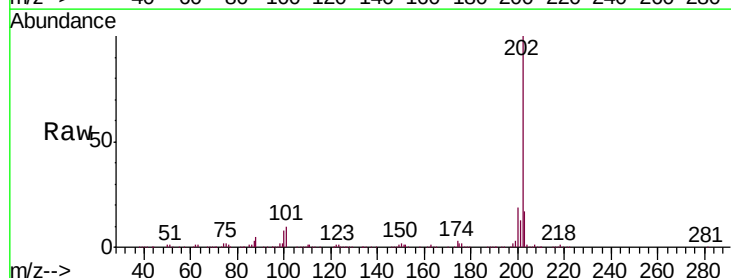
Tgt Ion:202 Resp: 579791

Ion Ratio Lower Upper

202 100

101 10.0 8.0 12.0

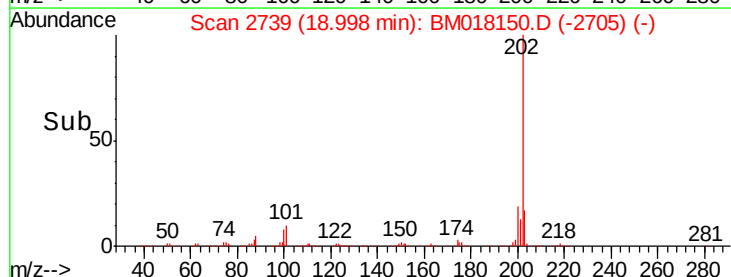
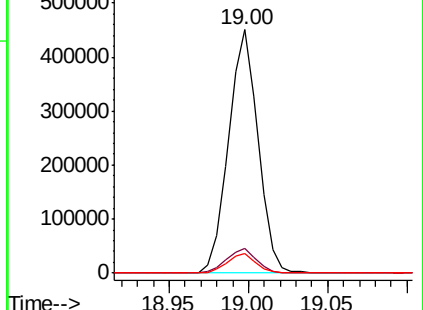
100 8.0 6.6 10.0

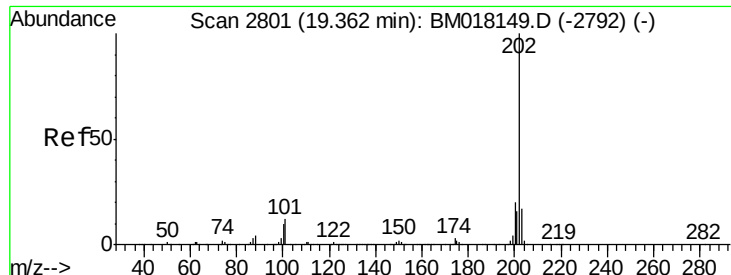


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

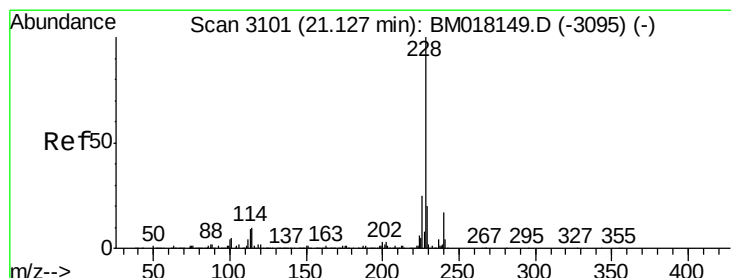
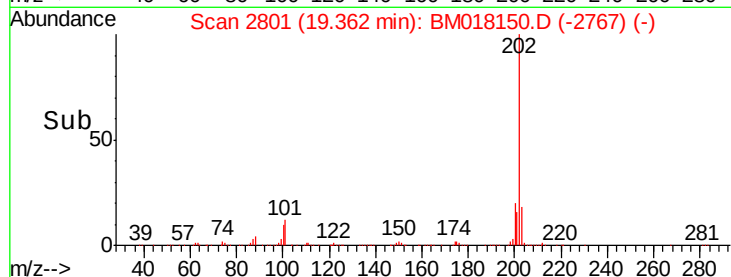
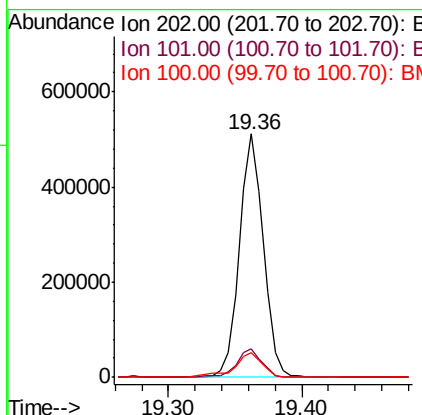
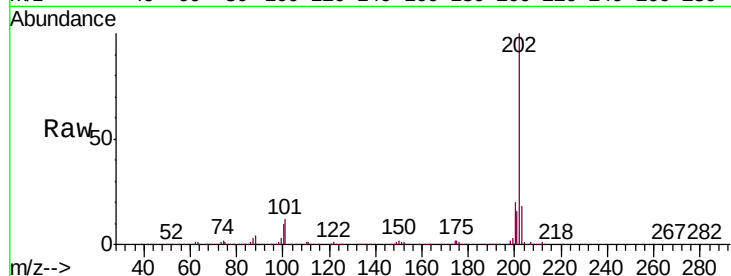




#79
 Pyrene
 Concen: 11.238 ng/ul
 RT: 19.36 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM018150.D
 Acq: 14 Dec 2018 04:00

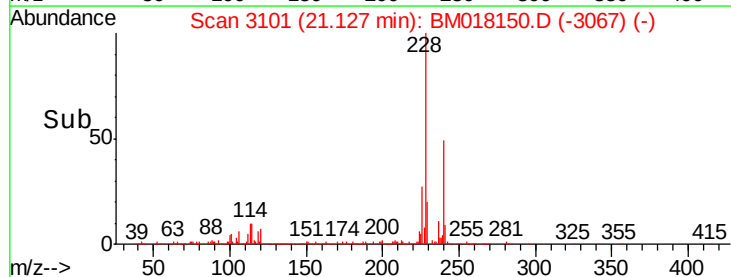
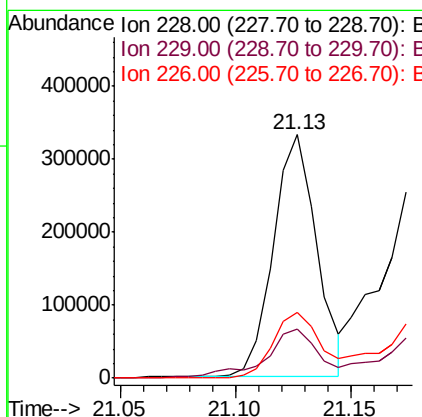
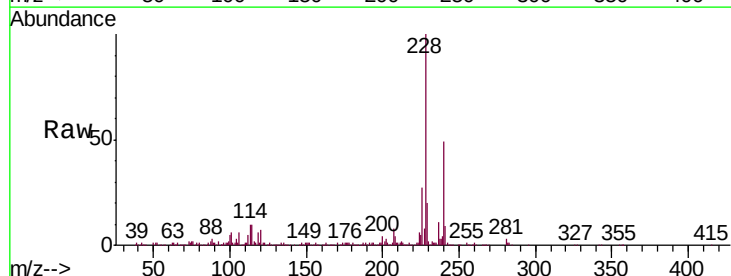
Instrument :
 BNA_M
 ClientSampleId :
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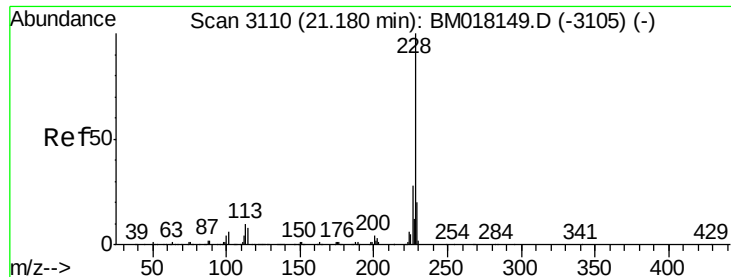
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
100	10.0	7.7	11.5



#82
 Benzo(a)anthracene
 Concen: 7.291 ng/ul
 RT: 21.13 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: BM018150.D
 Acq: 14 Dec 2018 04:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	26.8	20.5	30.7





#84

Chrysene

Concen: 7.560 ng/ul

RT: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM018150.D

Acq: 14 Dec 2018 04:00

Instrument :

BNA_M

ClientSampleId :

F9E21

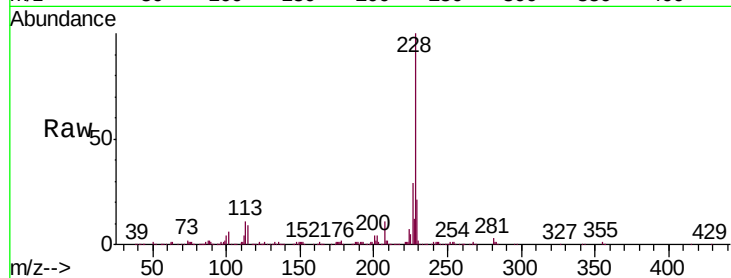
Tgt Ion:228 Resp: 420739

Ion Ratio Lower Upper

228 100

226 29.4 22.6 33.8

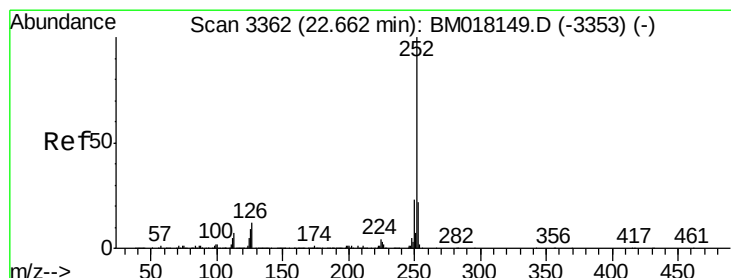
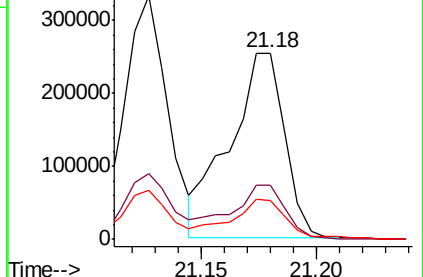
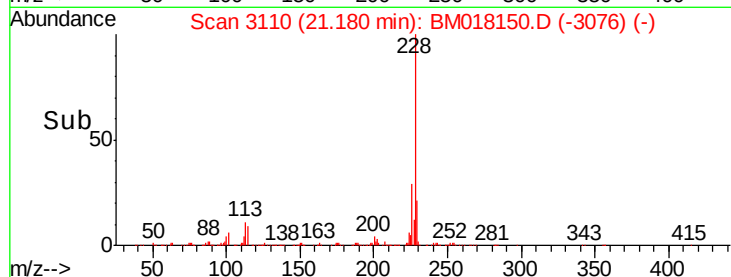
229 21.0 15.5 23.3



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: 13.307 ng/ul

RT: 22.66 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BM018150.D

Acq: 14 Dec 2018 04:00

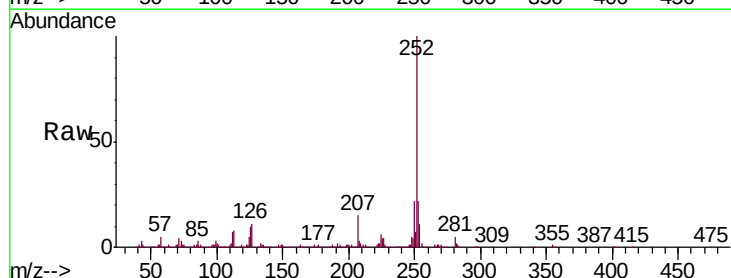
Tgt Ion:252 Resp: 751375

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

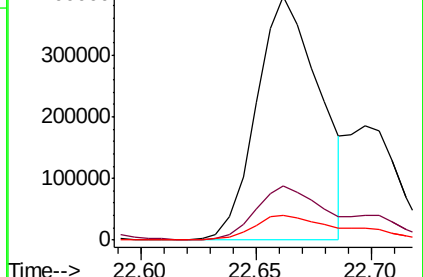
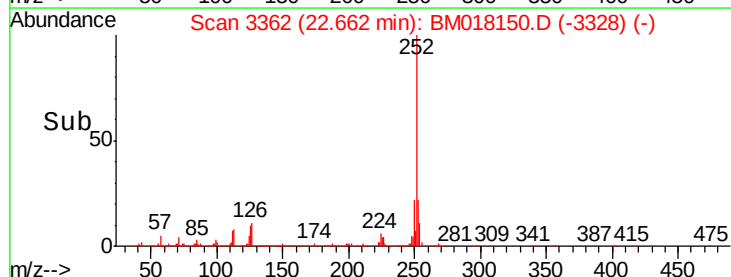
125 10.4 7.8 11.6

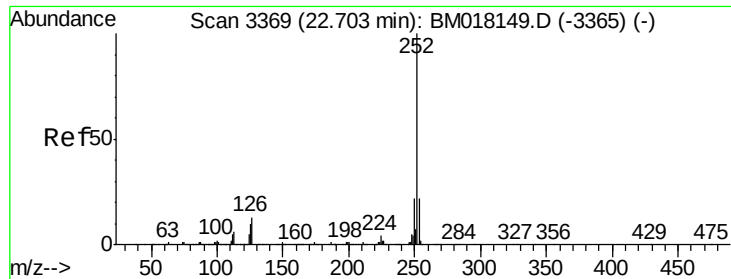


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 13.371 ng/ul

RT: 22.66 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BM018150.D

Acq: 14 Dec 2018 04:00

Instrument :

BNA_M

ClientSampleId :

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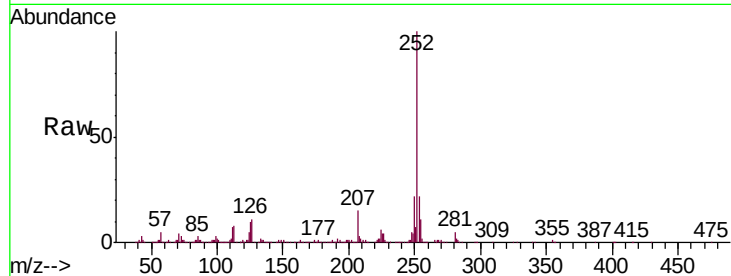
Tgt Ion:252 Resp: 751375

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

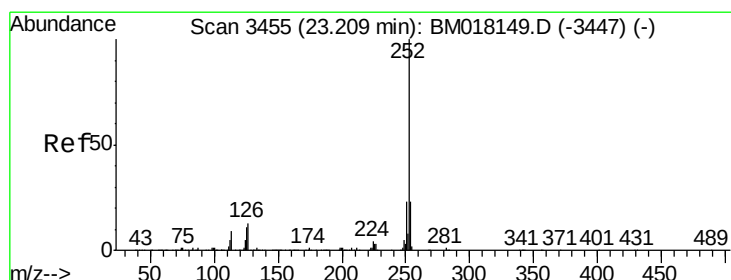
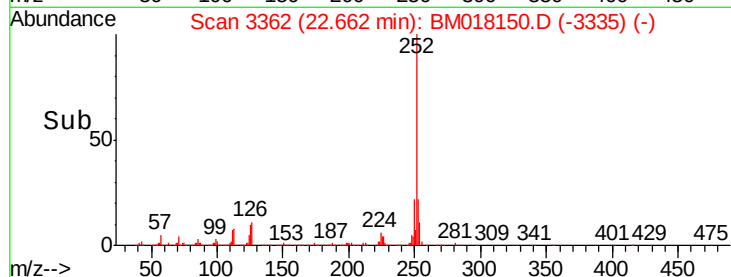
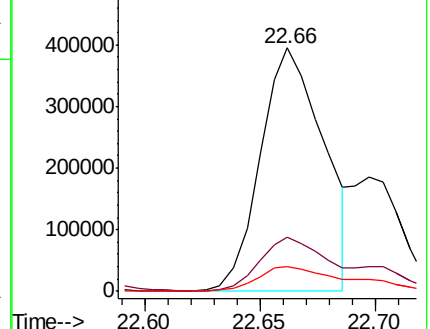
125 10.4 7.8 11.8



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: 6.369 ng/ul

RT: 23.21 min Scan# 3455

Delta R.T. -0.00 min

Lab File: BM018150.D

Acq: 14 Dec 2018 04:00

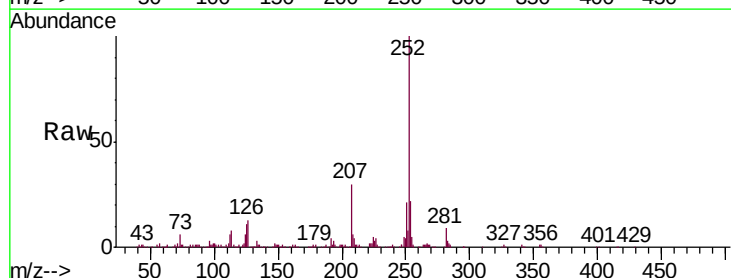
Tgt Ion:252 Resp: 354745

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

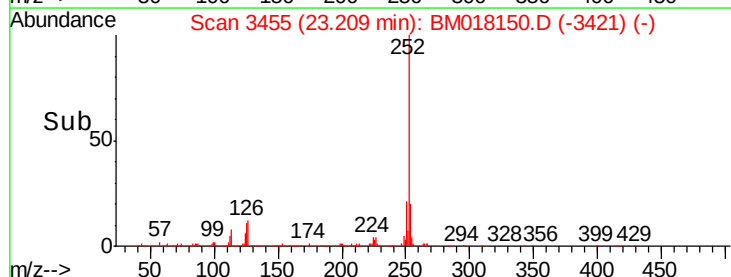
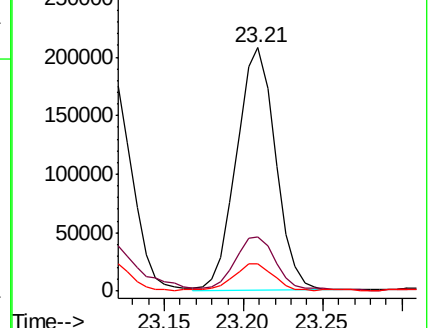
125 11.1 9.0 13.4

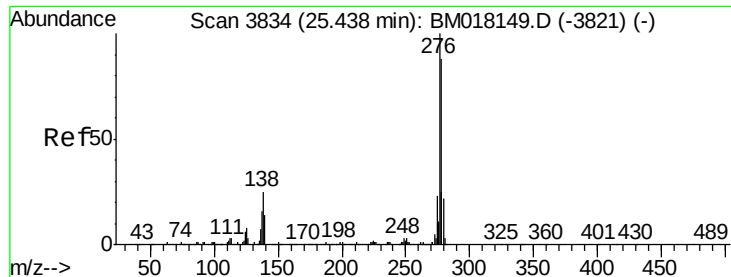


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



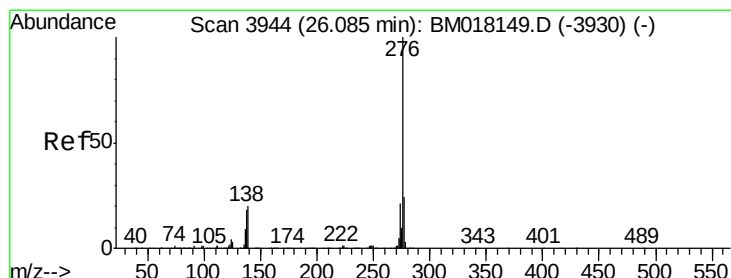
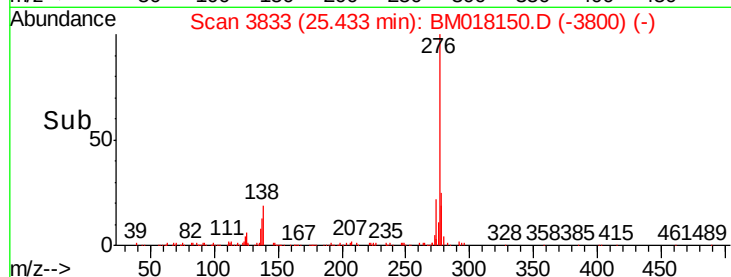
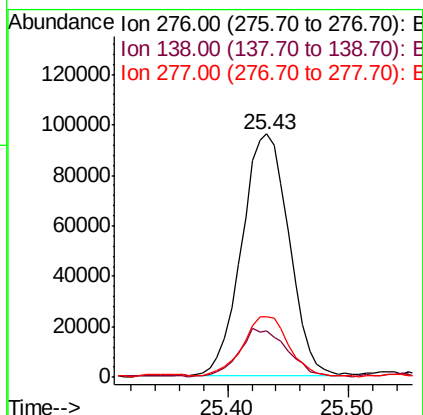
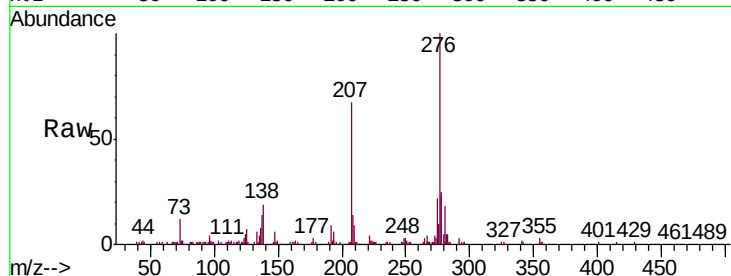


#91

Indeno(1,2,3-cd)pyrene
Concen: 4.111 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM018150.D
Acq: 14 Dec 2018 04:00

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.6	28.0
277	25.0	20.1	30.1



#93

Benzo(g,h,i)perylene
Concen: 3.647 ng/ul
RT: 26.09 min Scan# 3944
Delta R.T. -0.00 min
Lab File: BM018150.D
Acq: 14 Dec 2018 04:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.4	23.2
277	22.2	19.0	28.4

