

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050916\
 Data File : BM005358.D
 Acq On : 09 May 2016 13:47
 Operator : UM/SJ
 Sample : H2888-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT9

Quant Time: May 10 04:25:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 04:23:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	79271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	371936	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	231634	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	537954	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	582960	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	497208	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	5989	3.55	ng/uL	0.00
5) Phenol-d5	6.94	99	136677	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	79604	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	107812	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	106546	17.93	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	52896	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	60569	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	111776	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	135610	20.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	388355	20.92	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	466437	21.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	45802	13.51	ng/ul	0.00
57) Fluorene-d10	15.40	176	345700	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	50805	16.79	ng/ul	0.00
70) Anthracene-d10	17.26	188	538779	22.66	ng/ul	0.00
76) Pyrene-d10	19.56	212	625680	23.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	498360	22.64	ng/ul	0.00

Target Compounds

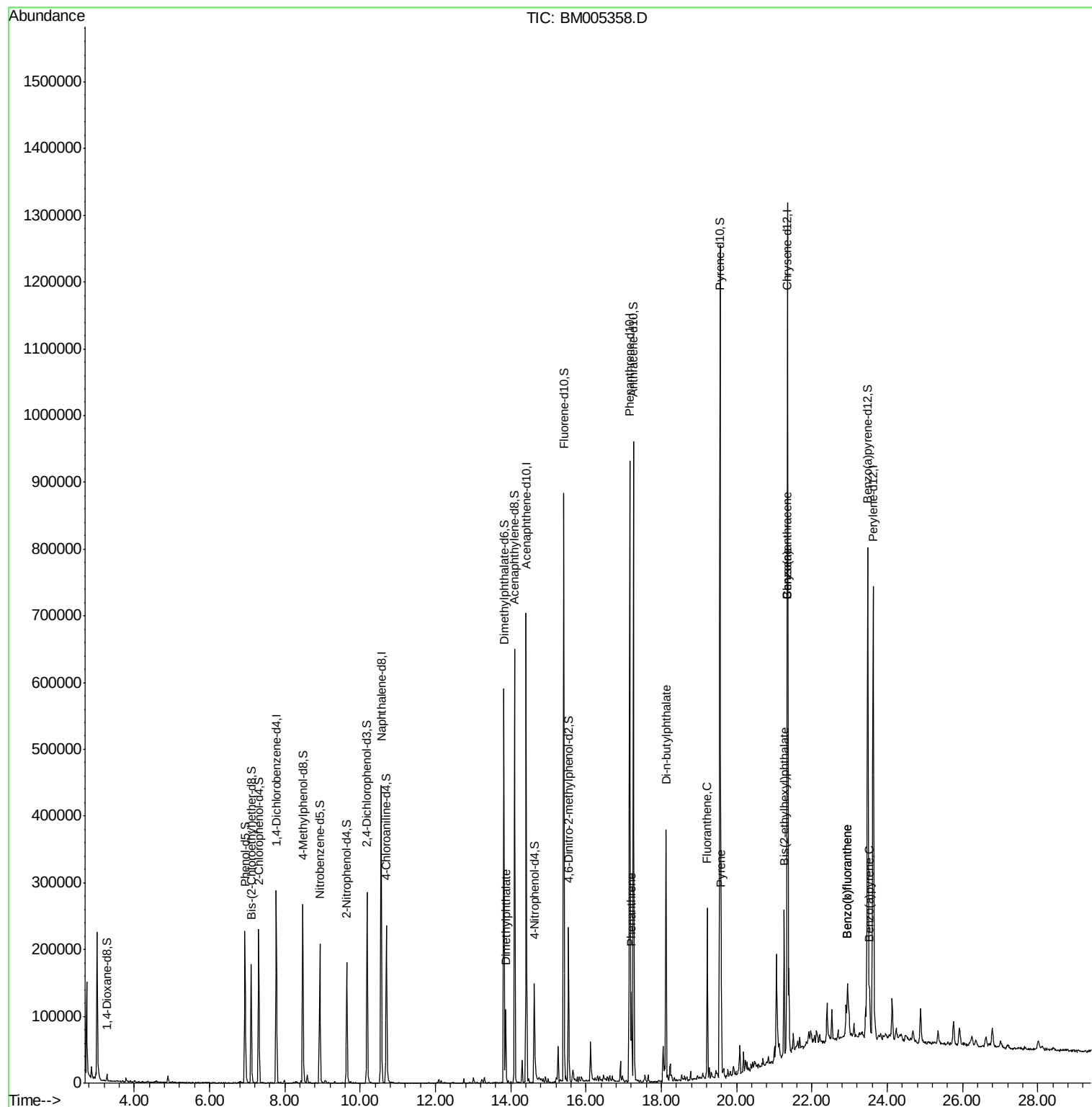
						Qvalue
44) Dimethylphthalate	13.86	163	68955	3.72	ng/ul	100
69) Phenanthrene	17.20	178	82252	2.91	ng/ul	99
73) Di-n-butylphthalate	18.12	149	275472	9.10	ng/ul	99
74) Fluoranthene	19.22	202	158216	5.05	ng/ul	98
77) Pyrene	19.59	202	126958	3.75	ng/ul	97
80) Benzo(a)anthracene	21.33	228	69926	2.09	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.26	149	68138	3.49	ng/ul	98
82) Chrysene	21.33	228	69926	2.20	ng/ul	96
85) Benzo(b)fluoranthene	22.94	252	69744	2.40	ng/ul	97
86) Benzo(k)fluoranthene	22.94	252	69744	2.55	ng/ul	96
88) Benzo(a)pyrene	23.52	252	47461	1.73	ng/ul	95

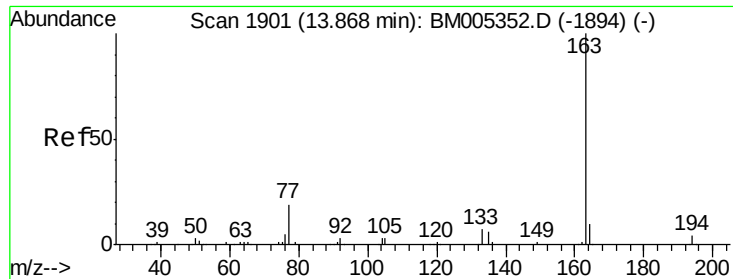
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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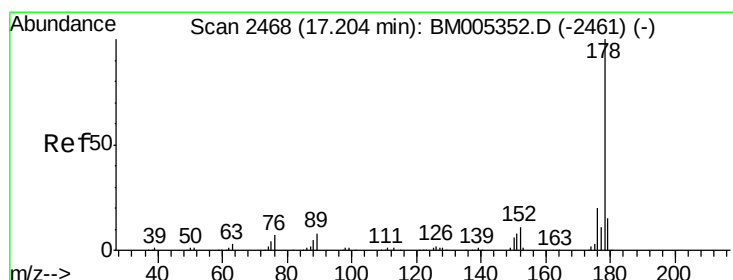
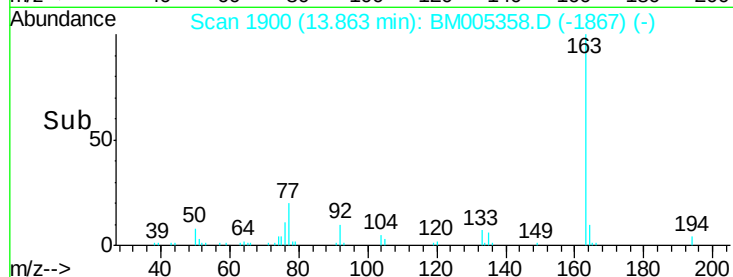
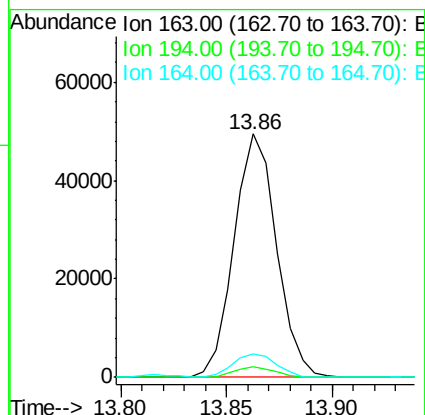
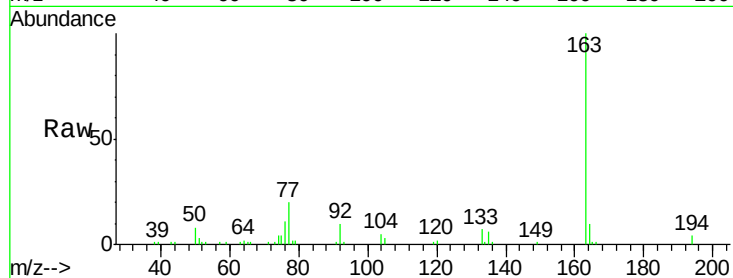




#44
Dimethylphthalate
Concen: 3.72 ng/ul
RT: 13.86 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM005358.D
Acq: 09 May 2016 13:47

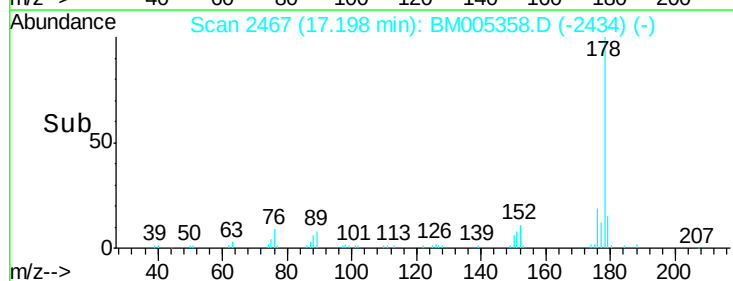
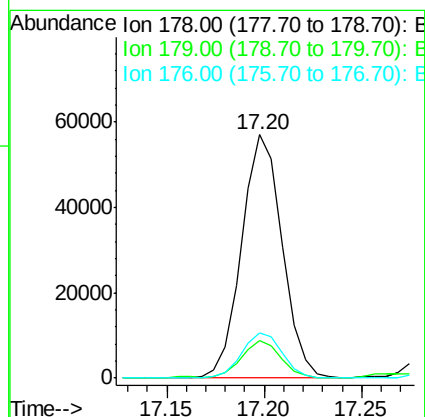
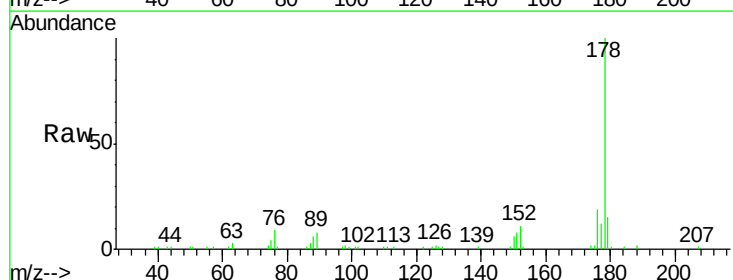
Instrument :
BNA_M
ClientSampleId :
D9WT9

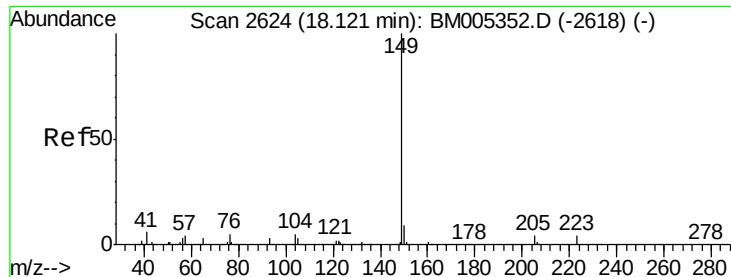
Tgt Ion:163 Resp: 68955
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.8 7.9 11.9



#69
Phenanthrene
Concen: 2.91 ng/ul
RT: 17.20 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM005358.D
Acq: 09 May 2016 13:47

Tgt Ion:178 Resp: 82252
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.6 15.2 22.8





#73

Di-n-butylphthalate

Concen: 9.10 ng/ul

RT: 18.12 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BM005358.D

Acq: 09 May 2016 13:47

Instrument :

BNA_M

ClientSampleId :

D9WT9

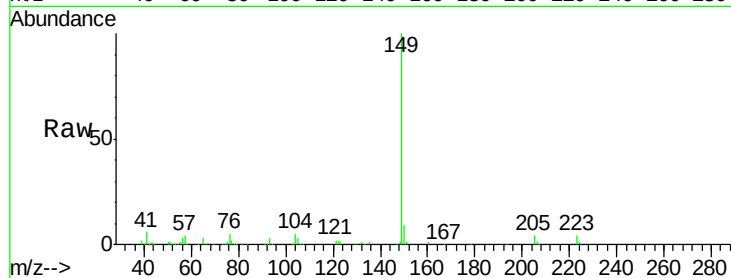
Tgt Ion:149 Resp: 275472

Ion Ratio Lower Upper

149 100

150 8.7 7.3 10.9

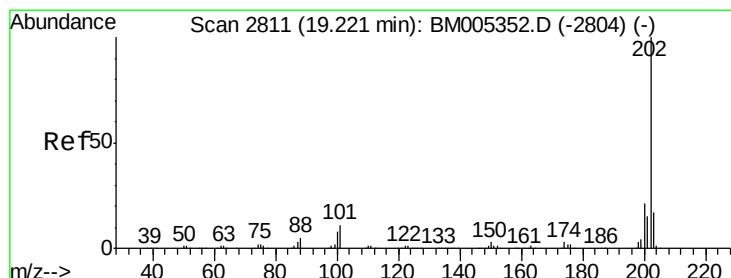
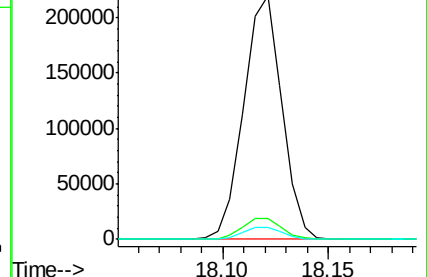
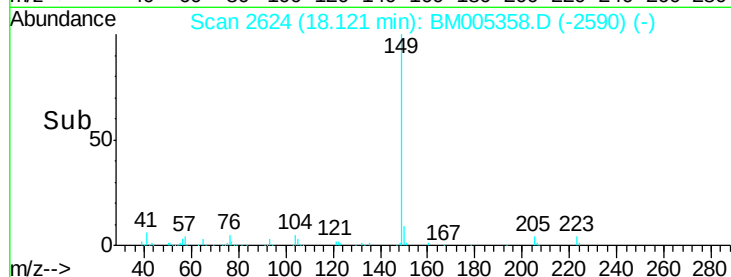
104 5.0 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 5.05 ng/ul

RT: 19.22 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM005358.D

Acq: 09 May 2016 13:47

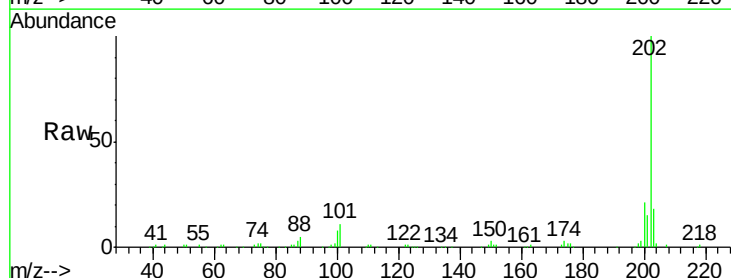
Tgt Ion:202 Resp: 158216

Ion Ratio Lower Upper

202 100

101 11.0 9.2 13.8

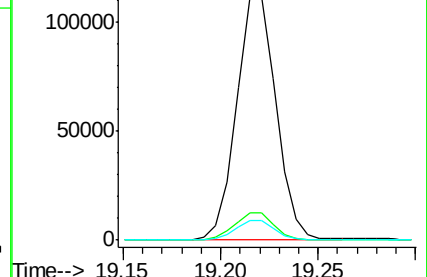
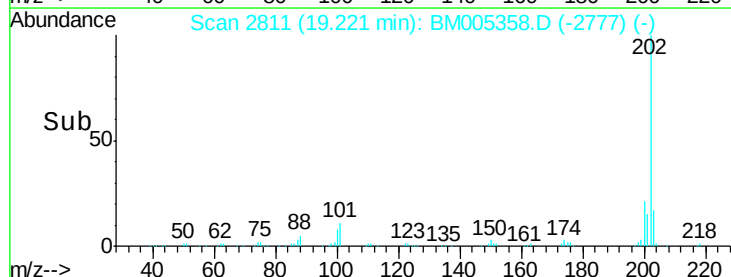
100 7.8 7.1 10.7

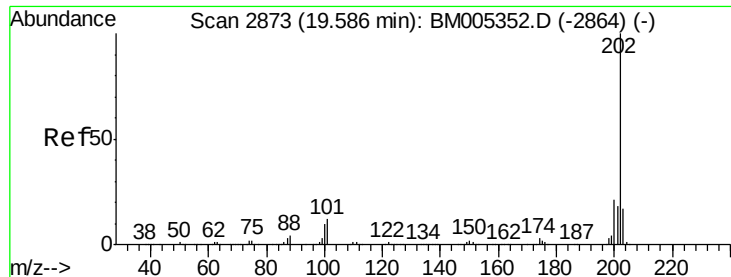


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 3.75 ng/ul

RT: 19.59 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BM005358.D

Acq: 09 May 2016 13:47

Instrument :

BNA_M

ClientSampleId :

D9WT9

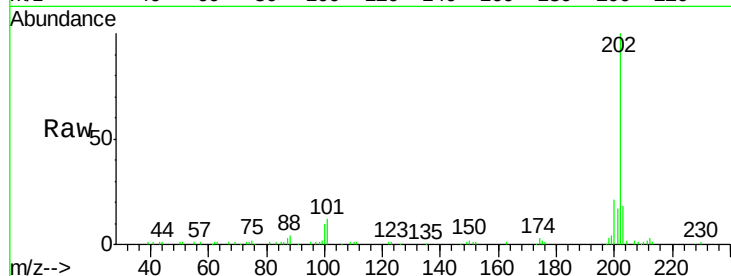
Tgt Ion:202 Resp: 126958

Ion Ratio Lower Upper

202 100

101 12.1 10.8 16.2

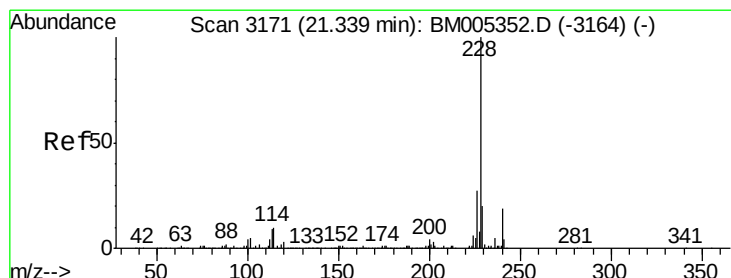
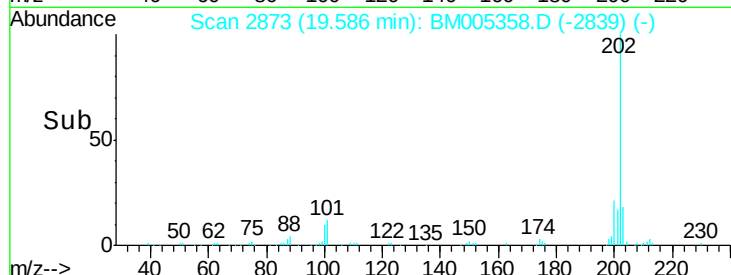
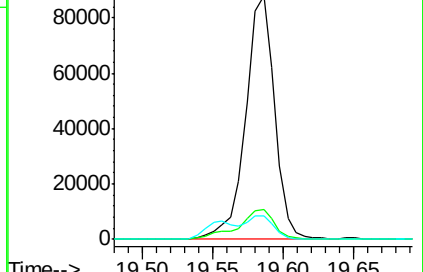
100 9.8 8.4 12.6



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: 2.09 ng/ul

RT: 21.33 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BM005358.D

Acq: 09 May 2016 13:47

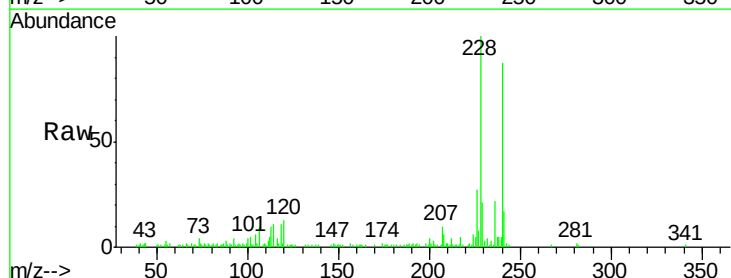
Tgt Ion:228 Resp: 69926

Ion Ratio Lower Upper

228 100

229 20.8 15.5 23.3

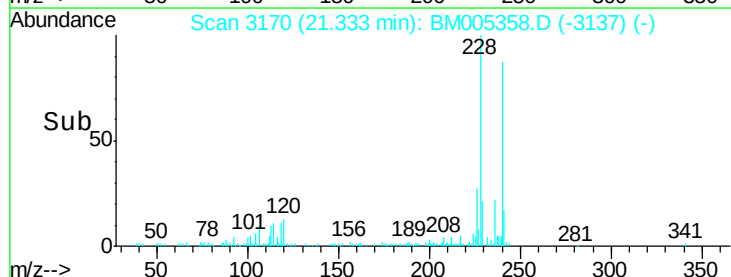
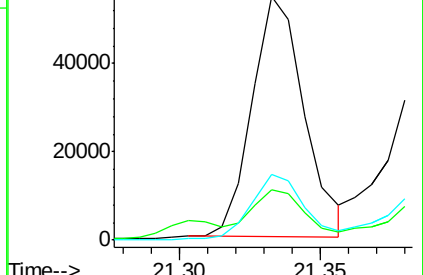
226 27.1 21.8 32.8

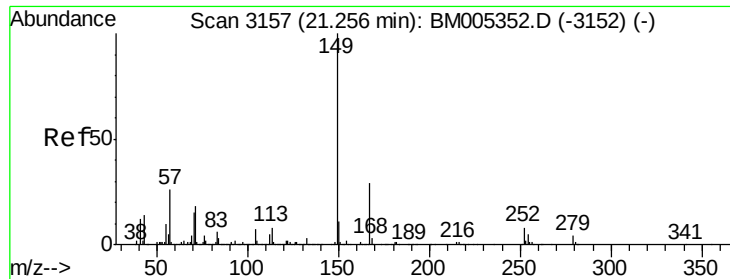


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

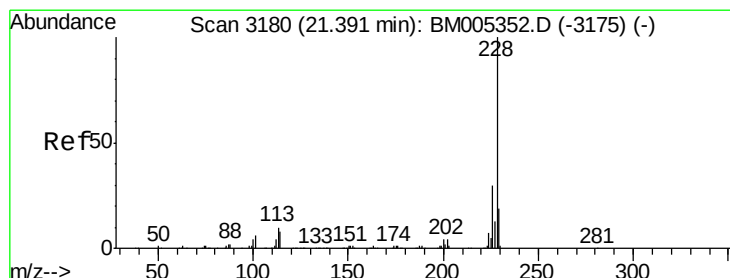
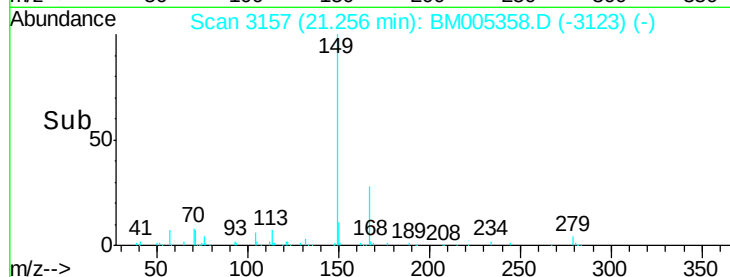
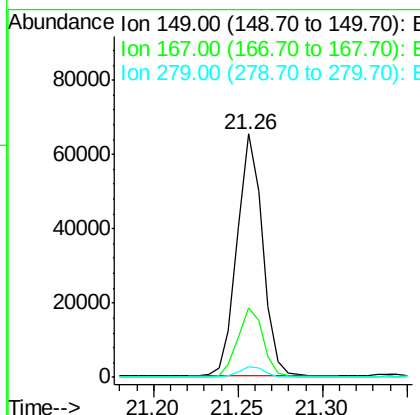
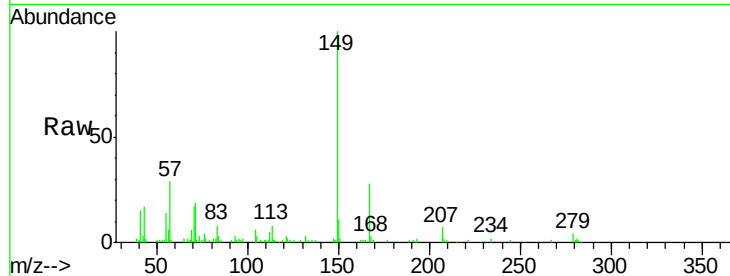




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 3.49 ng/ul
 RT: 21.26 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BM005358.D
 Acq: 09 May 2016 13:47

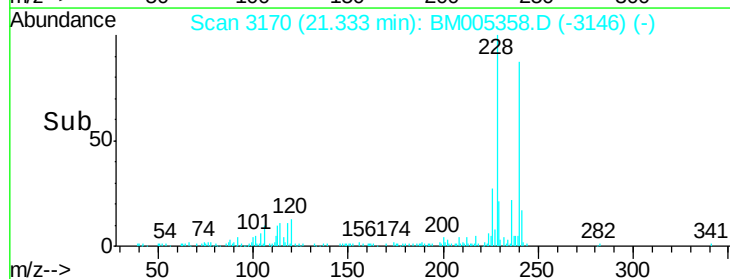
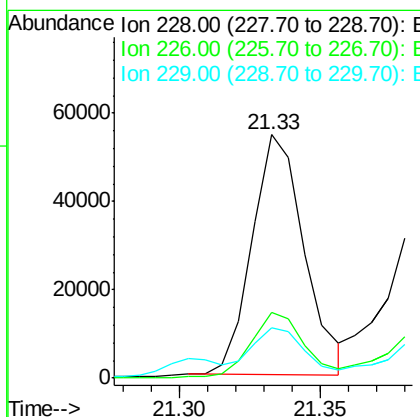
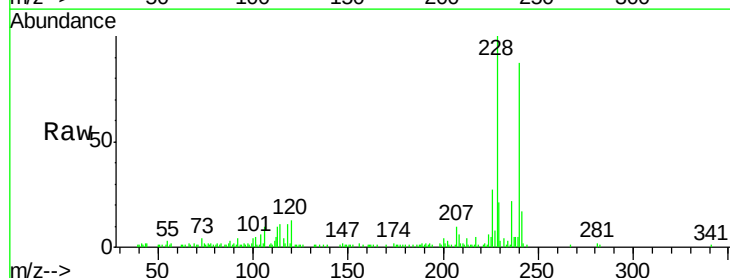
Instrument :
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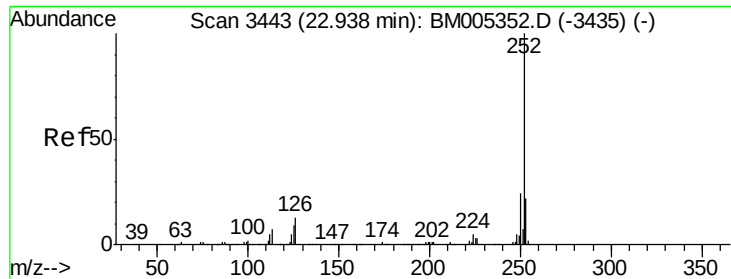
Tgt Ion:149 Resp: 68138
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.9 32.9
 279 4.4 3.0 4.4



#82
 Chrysene
 Concen: 2.20 ng/ul
 RT: 21.33 min Scan# 3170
 Delta R.T. -0.06 min
 Lab File: BM005358.D
 Acq: 09 May 2016 13:47

Tgt Ion:228 Resp: 69926
 Ion Ratio Lower Upper
 228 100
 226 27.1 23.6 35.4
 229 20.8 15.4 23.0

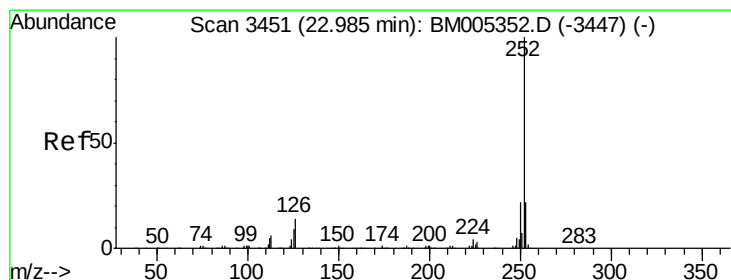
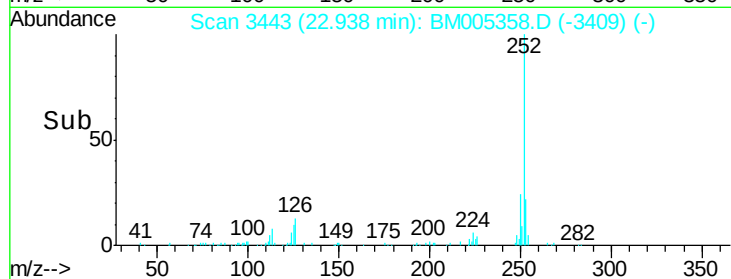
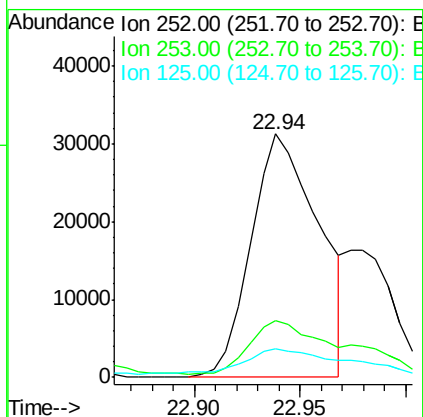
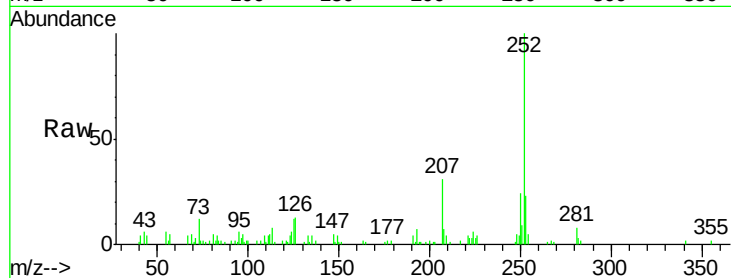




#85
Benzo(b)fluoranthene
Concen: 2.40 ng/ul
RT: 22.94 min Scan# 3443
Delta R.T. -0.00 min
Lab File: BM005358.D
Acq: 09 May 2016 13:47

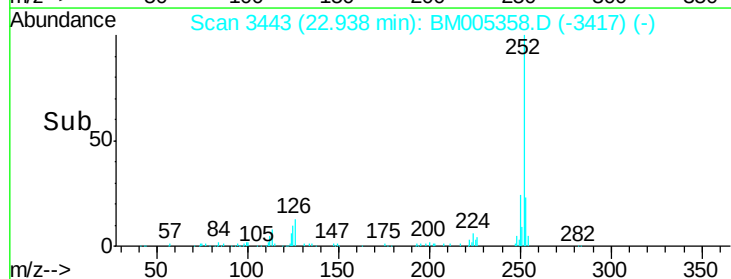
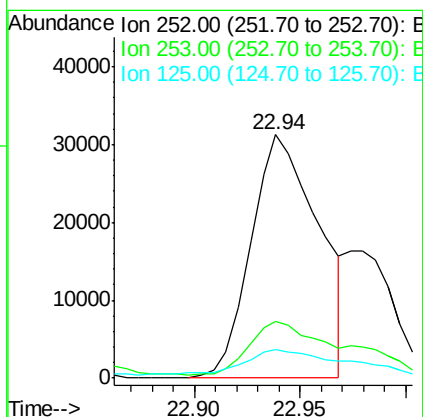
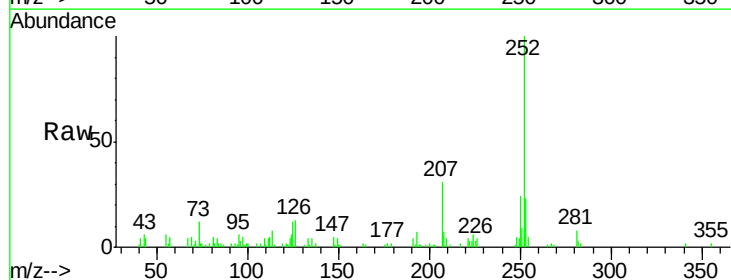
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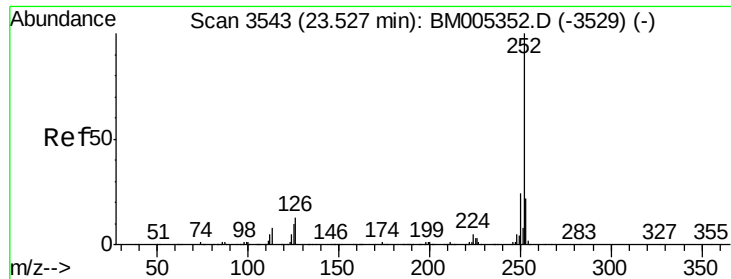
Tgt Ion:252 Resp: 69744
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 11.7 8.4 12.6



#86
Benzo(k)fluoranthene
Concen: 2.55 ng/ul
RT: 22.94 min Scan# 3443
Delta R.T. -0.05 min
Lab File: BM005358.D
Acq: 09 May 2016 13:47

Tgt Ion:252 Resp: 69744
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 11.7 8.0 12.0





#88

Benzo(a)pyrene

Concen: 1.73 ng/ul

RT: 23.52 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BM005358.D

Acq: 09 May 2016 13:47

Instrument :

BNA_M

ClientSampleId :

D9WT9

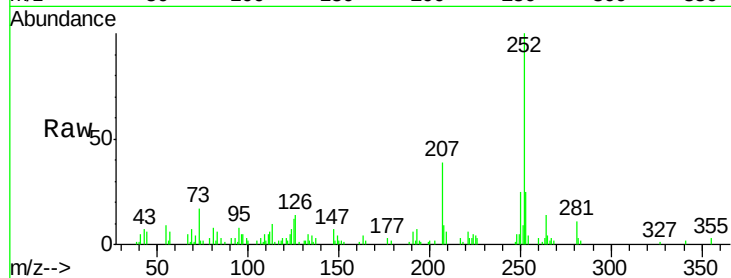
Tgt Ion: 252 Resp: 47461

Ion Ratio Lower Upper

252 100

253 25.2 17.5 26.3

125 11.6 8.7 13.1



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

