

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005441.D
 Acq On : 13 May 2016 20:45
 Operator : UM/SJ
 Sample : H2847-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD376

Quant Time: May 14 00:22:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	57544	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	264241	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	166973	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	403018	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	542431	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	494520	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	3277	2.68	ng/uL	0.00
5) Phenol-d5	6.93	99	65299	12.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	43699	14.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	54065	13.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	28322	6.57	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	27344	14.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	30766	14.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	52553	13.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	41459	8.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	207486	15.50	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	244742	15.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	23582	9.65	ng/ul	0.00
57) Fluorene-d10	15.39	176	188481	16.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	19800	8.73	ng/ul	0.00
70) Anthracene-d10	17.24	188	286044	16.06	ng/ul	0.00
76) Pyrene-d10	19.54	212	377291	15.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	362856	16.58	ng/ul	0.00

Target Compounds

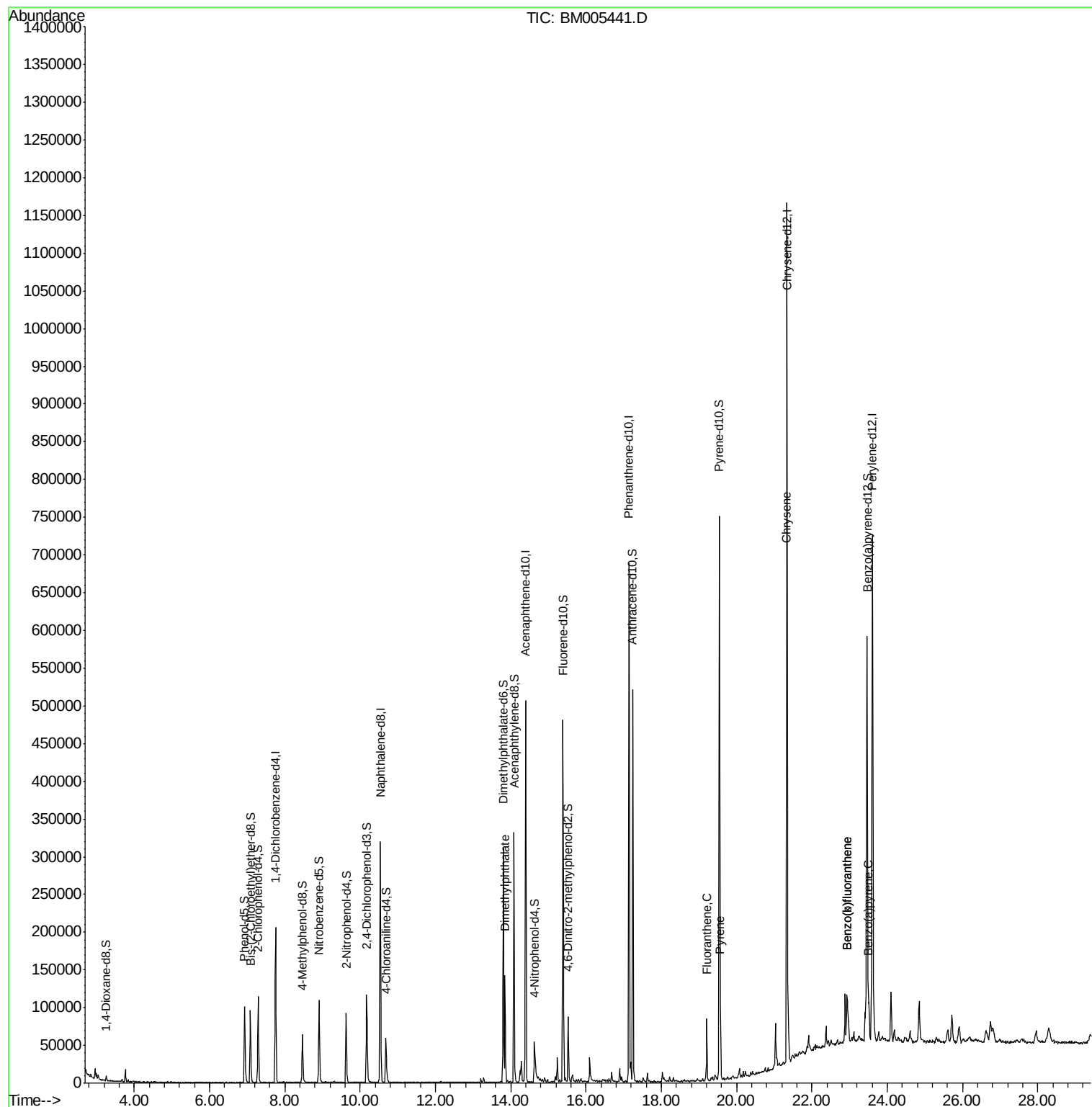
						Qvalue
44) Dimethylphthalate	13.84	163	89131	6.67	ng/ul	100
74) Fluoranthene	19.20	202	50995	2.17	ng/ul	99
77) Pyrene	19.57	202	57953	1.84	ng/ul	98
82) Chrysene	21.32	228	30949	1.05	ng/ul	94
85) Benzo(b)fluoranthene	22.93	252	50326	1.74	ng/ul	97
86) Benzo(k)fluoranthene	22.93	252	50326	1.85	ng/ul	96
88) Benzo(a)pyrene	23.51	252	39043	1.43	ng/ul	97

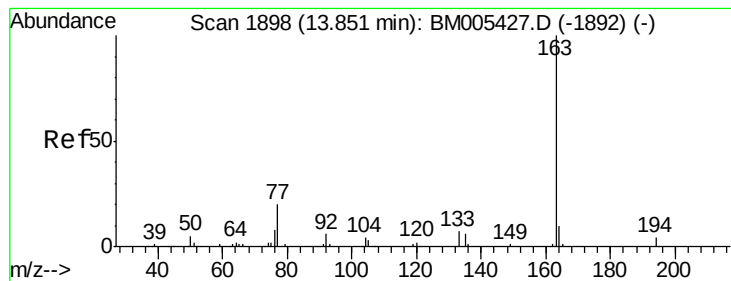
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 6.67 ng/ul

RT: 13.84 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM005441.D

Acq: 13 May 2016 20:45

Instrument :

BNA_M

ClientSampleId :

BD376

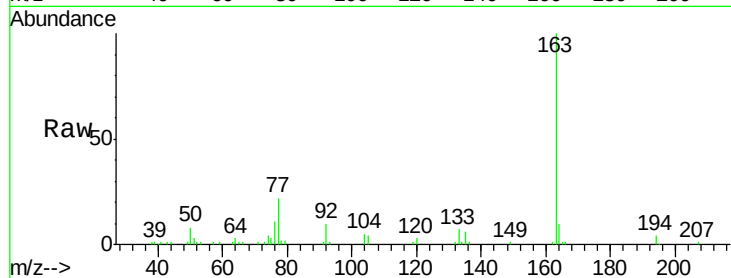
Tgt Ion:163 Resp: 89131

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

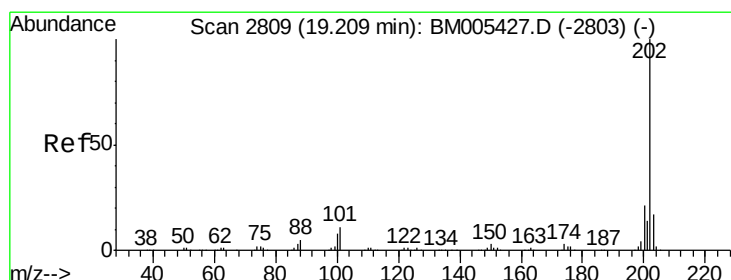
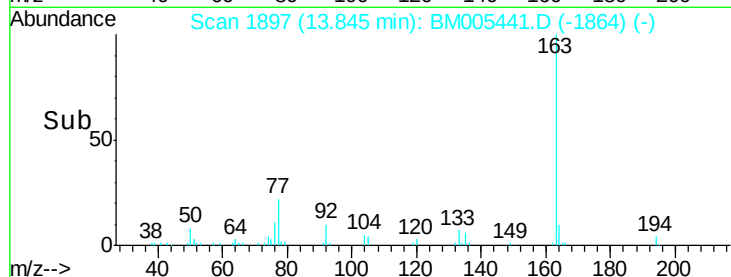
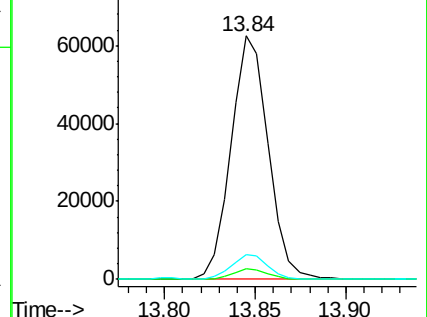
164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#74

Fluoranthene

Concen: 2.17 ng/ul

RT: 19.20 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM005441.D

Acq: 13 May 2016 20:45

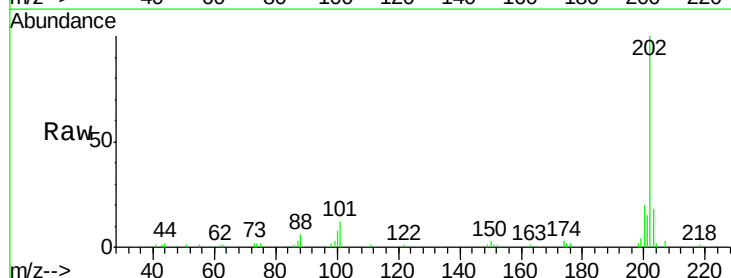
Tgt Ion:202 Resp: 50995

Ion Ratio Lower Upper

202 100

101 11.6 9.2 13.8

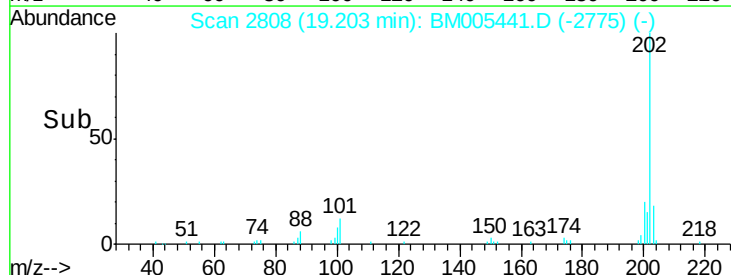
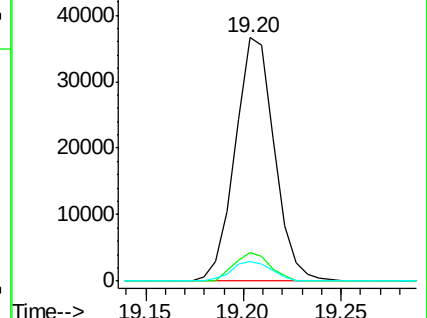
100 8.2 7.1 10.7

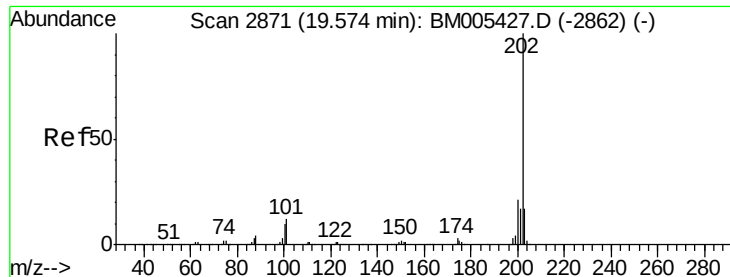


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.84 ng/ul

RT: 19.57 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BM005441.D

Acq: 13 May 2016 20:45

Instrument :

BNA_M

ClientSampled :

BD376

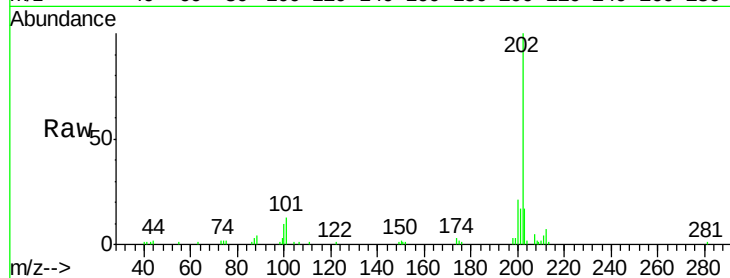
Tgt Ion:202 Resp: 57953

Ion Ratio Lower Upper

202 100

101 12.6 10.8 16.2

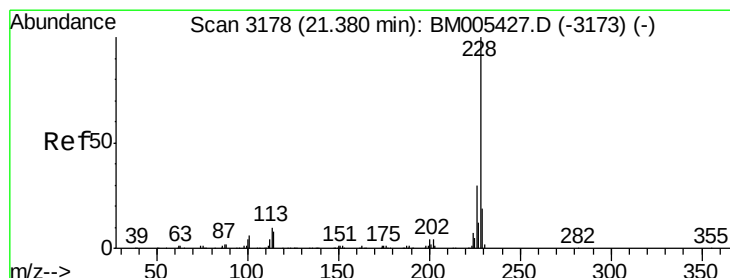
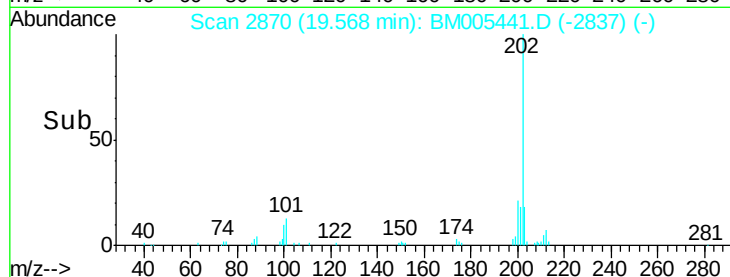
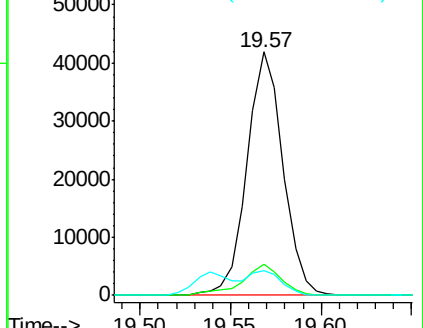
100 10.2 8.4 12.6



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



#82

Chrysene

Concen: 1.05 ng/ul

RT: 21.32 min Scan# 3168

Delta R.T. -0.06 min

Lab File: BM005441.D

Acq: 13 May 2016 20:45

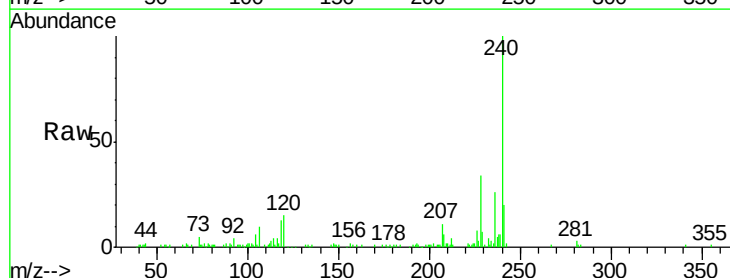
Tgt Ion:228 Resp: 30949

Ion Ratio Lower Upper

228 100

226 24.9 23.6 35.4

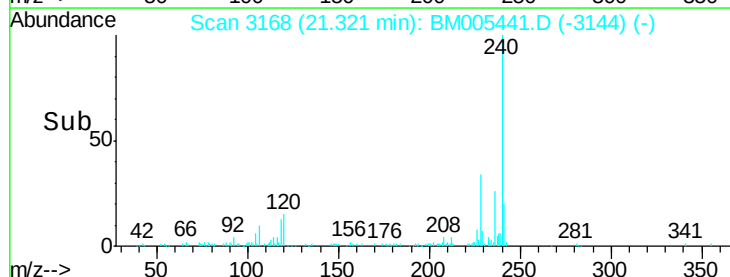
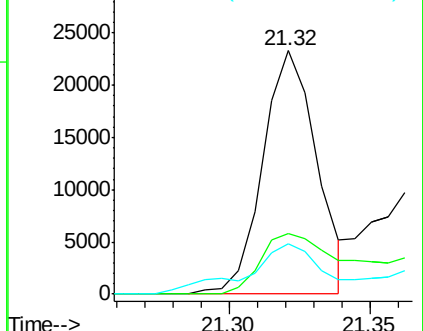
229 20.6 15.4 23.0

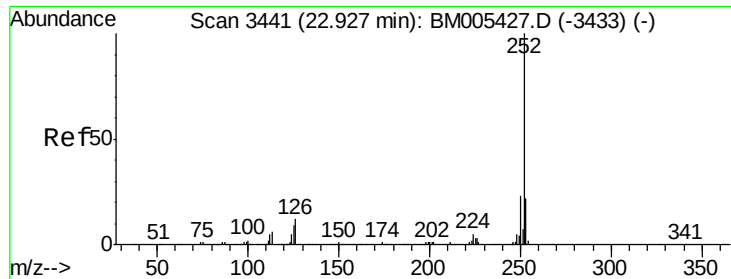


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

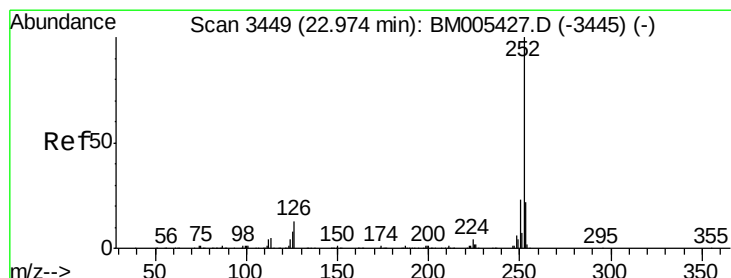
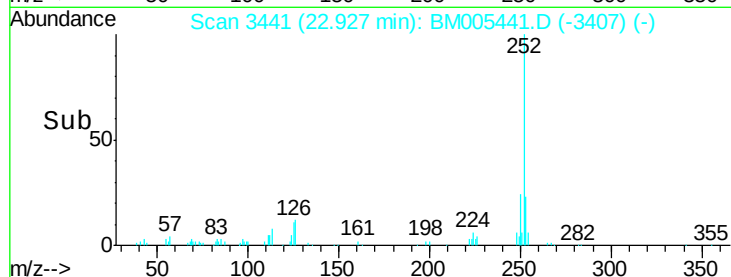
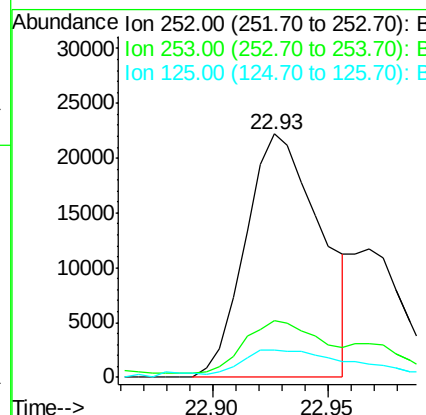
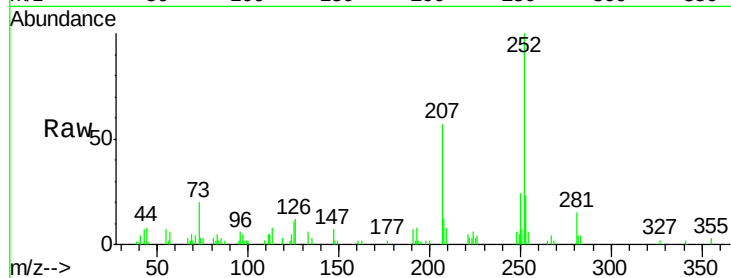




#85
Benzo(b)fluoranthene
Concen: 1.74 ng/ul
RT: 22.93 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM005441.D
Acq: 13 May 2016 20:45

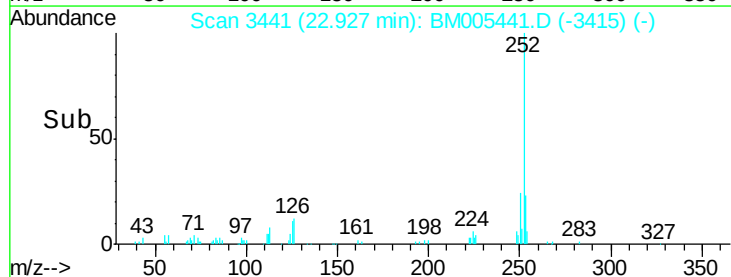
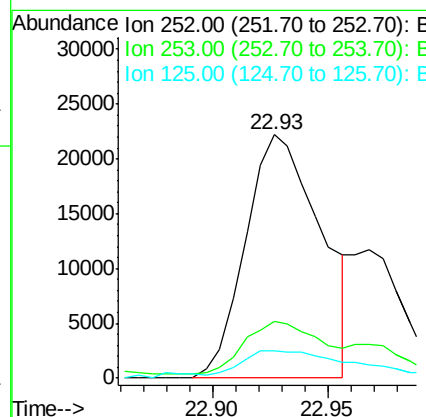
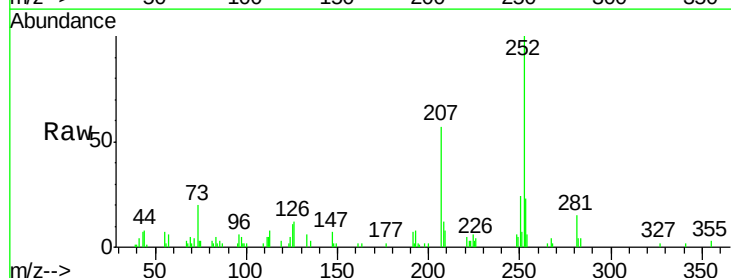
Instrument :
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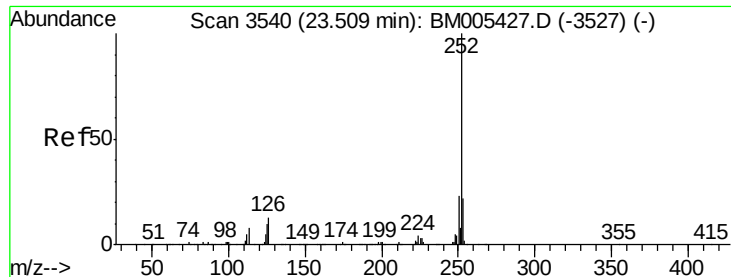
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	11.3	8.4	12.6



#86
Benzo(k)fluoranthene
Concen: 1.85 ng/ul
RT: 22.93 min Scan# 3441
Delta R.T. -0.05 min
Lab File: BM005441.D
Acq: 13 May 2016 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	11.3	8.0	12.0





#88

Benzo(a)pyrene

Concen: 1.43 ng/ul

RT: 23.51 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BM005441.D

Acq: 13 May 2016 20:45

Instrument :

BNA_M

ClientSampleId :

BD376

Tgt Ion: 252 Resp: 39043

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 10.4 8.7 13.1

