

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013352.D
 Acq On : 12 Dec 2017 23:00
 Operator : SJ/JU
 Sample : I6776-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A54

Quant Time: Dec 13 01:46:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	184263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	795975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	487314	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1198638	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1403380	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1240359	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14006	3.76	ng/uL	0.00
5) Phenol-d5	6.86	99	357355	22.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	216185	23.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	294788	23.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	300420	22.06	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	160055	25.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	169432	25.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	318412	22.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	343560	26.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1096255	25.28	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1359502	25.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	155214	20.60	ng/ul	0.00
57) Fluorene-d10	15.32	176	928074	24.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	132957	17.63	ng/ul	0.00
70) Anthracene-d10	17.17	188	1489857	24.82	ng/ul	0.00
76) Pyrene-d10	19.47	212	1784488	25.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1616673	25.59	ng/ul	0.00

Target Compounds

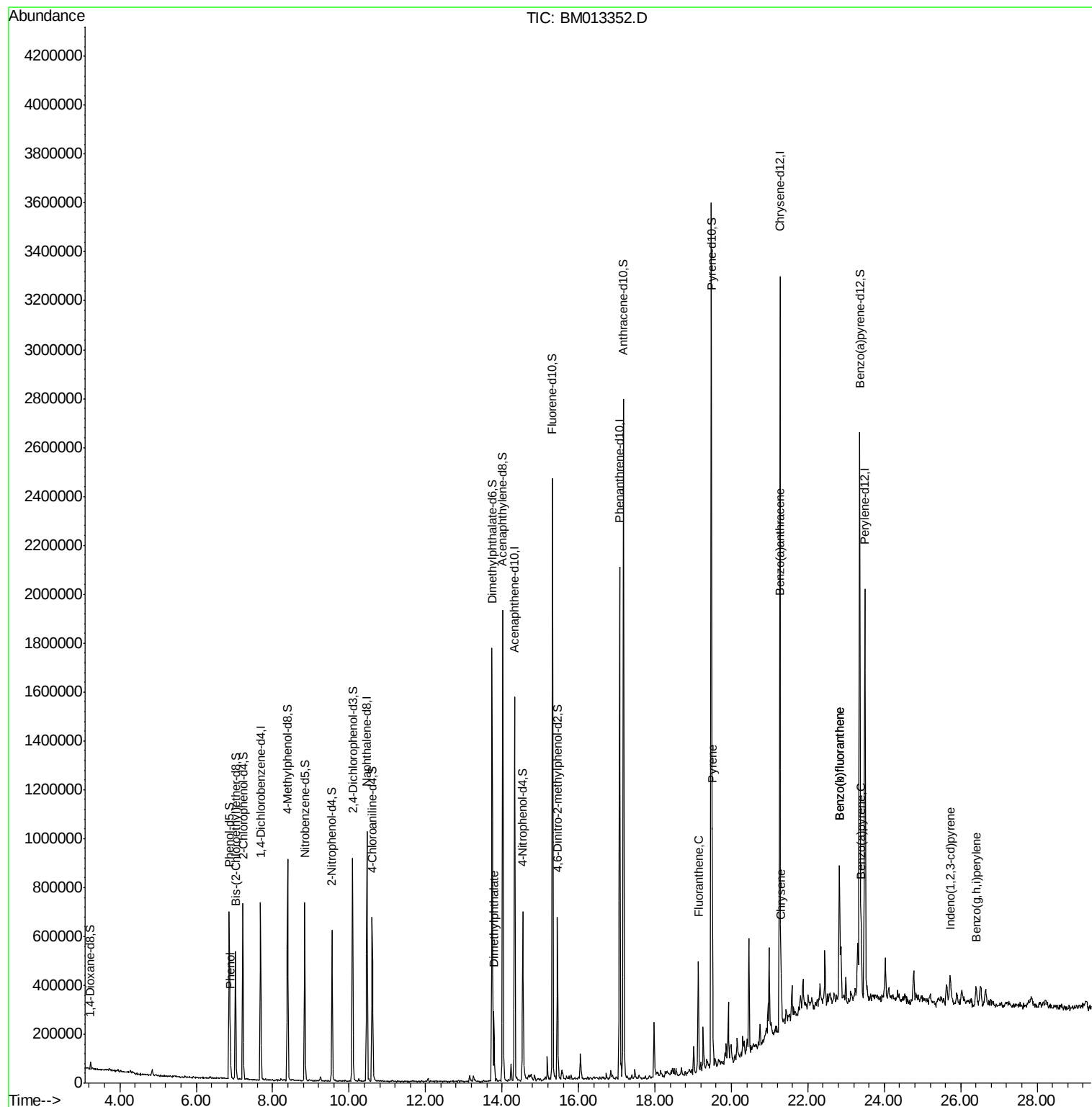
					Ovalue	
6) Phenol	6.89	94	71291	4.524	ng/ul#	79
44) Dimethylphthalate	13.79	163	162702	3.923	ng/ul	98
74) Fluoranthene	19.14	202	251653	3.016	ng/ul#	95
77) Pyrene	19.50	202	567781	6.659	ng/ul#	94
80) Benzo(a)anthracene	21.25	228	150431	1.689	ng/ul	96
82) Chrysene	21.30	228	102786	1.244	ng/ul	96
85) Benzo(b)fluoranthene	22.83	252	365732	4.374	ng/ul#	97
86) Benzo(k)fluoranthene	22.83	252	365732	4.648	ng/ul#	95
88) Benzo(a)pyrene	23.40	252	148903	1.982	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.72	276	110598	1.484	ng/ul	99
91) Benzo(g,h,i)perylene	26.40	276	87940	1.496	ng/ul	99

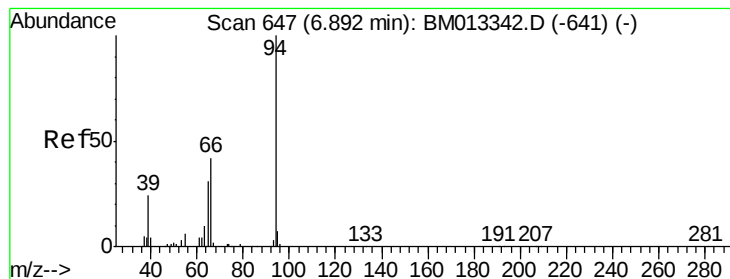
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 4.524 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

Instrument :

BNA_M

ClientSampleId :

F9A54

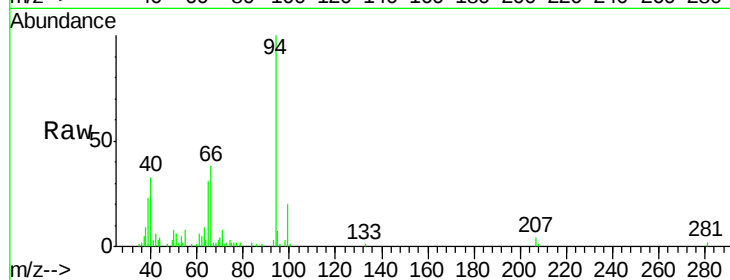
Tot Ion: 94 Resp: 71291

Ion Ratio Lower Upper

94 100

65 30.5 28.2 42.4

66 37.7 47.2 70.8#

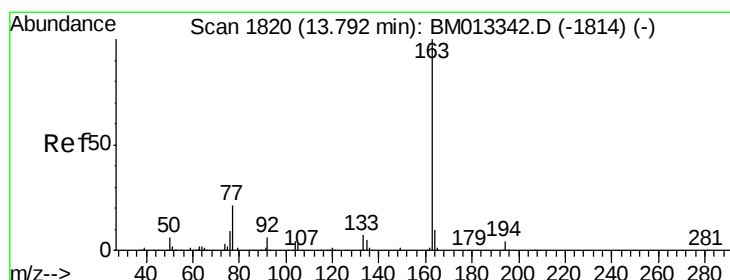
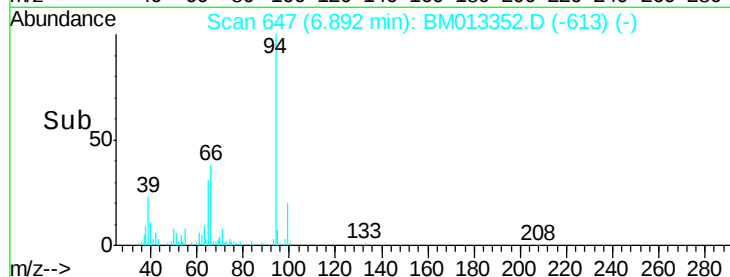


Abundance Ion 94.00 (93.70 to 94.70): BM013342.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM013342.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM013342.D (-641) (-)

Time-->



#44

Dimethylphthalate

Concen: 3.923 ng/ul

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

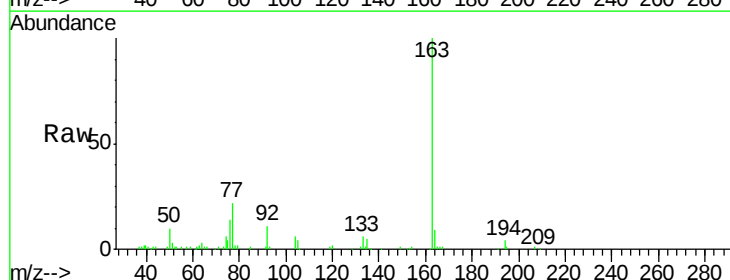
Tgt Ion:163 Resp: 162702

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 9.0 8.2 12.4

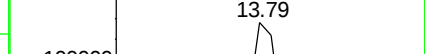
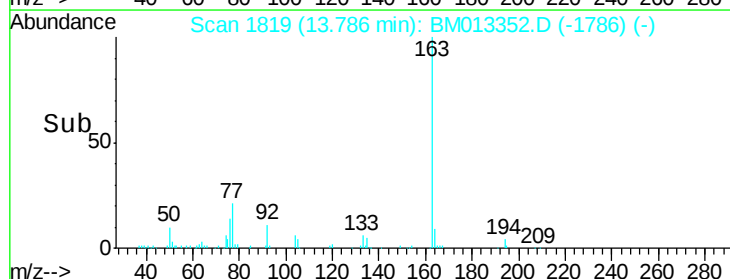


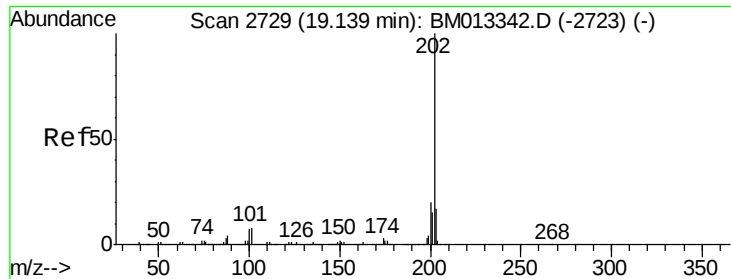
Abundance Ion 163.00 (162.70 to 163.70): BM013342.D (-1814) (-)

Ion 194.00 (193.70 to 194.70): BM013342.D (-1814) (-)

Ion 164.00 (163.70 to 164.70): BM013342.D (-1814) (-)

Time-->





#74

Fluoranthene

Concen: 3.016 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

Instrument :

BNA_M

ClientSampleId :

F9A54

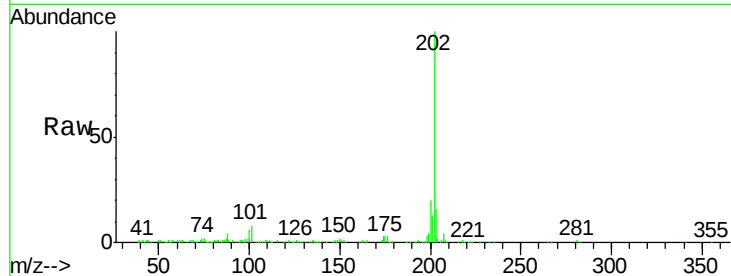
Tot Ion:202 Resp: 251653

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

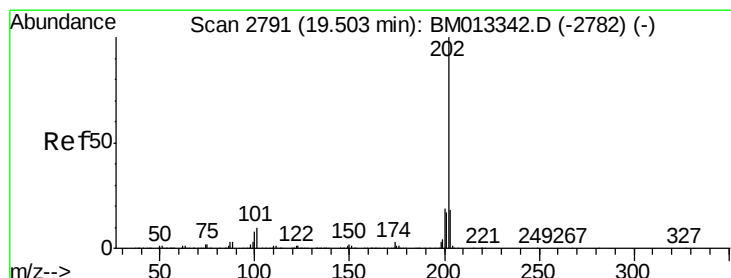
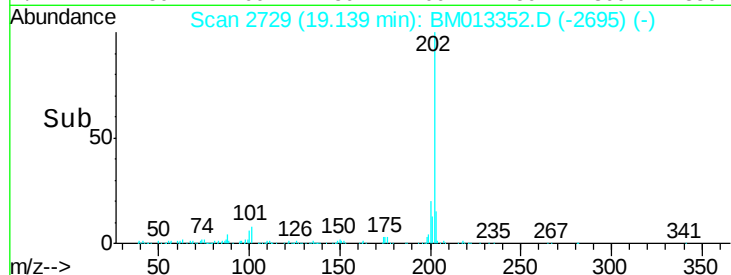
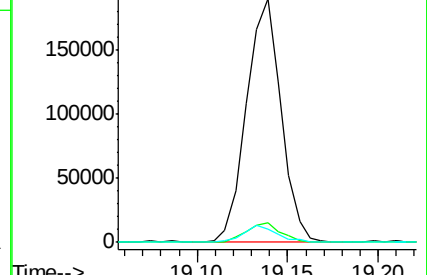
100 5.6 3.4 5.2#



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: 6.659 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

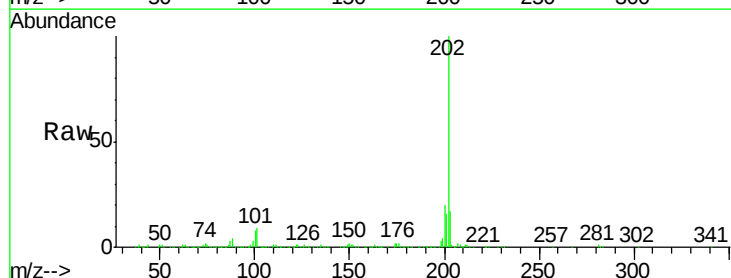
Tgt Ion:202 Resp: 567781

Ion Ratio Lower Upper

202 100

101 9.1 5.1 7.7#

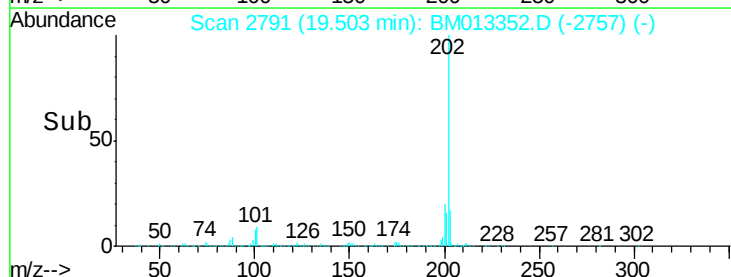
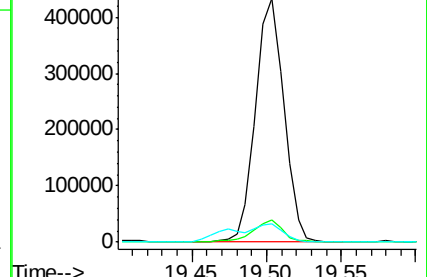
100 7.6 4.9 7.3#

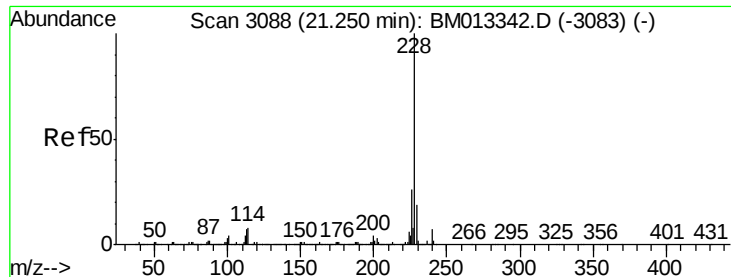


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.689 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

Instrument :

BNA_M

ClientSampleId :

F9A54

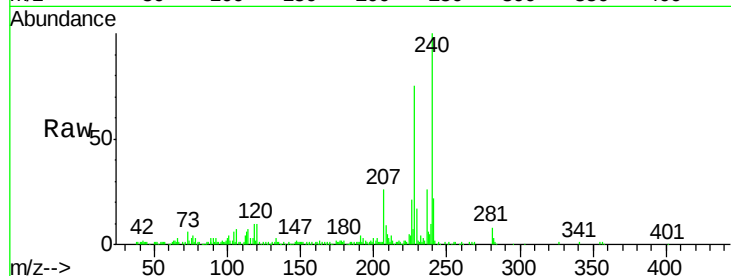
Tot Ion:228 Resp: 150431

Ion Ratio Lower Upper

228 100

229 22.4 15.4 23.0

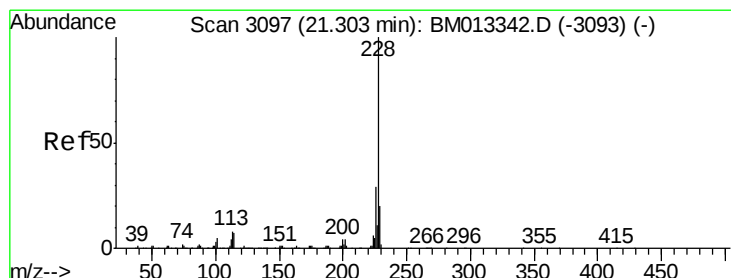
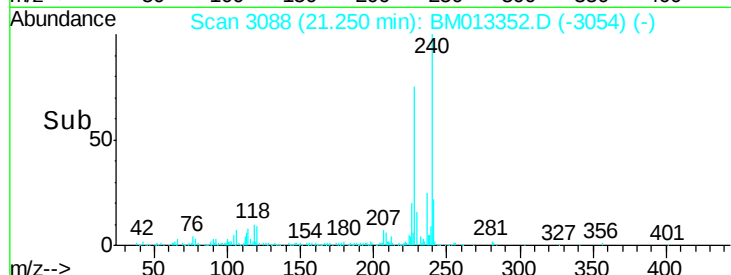
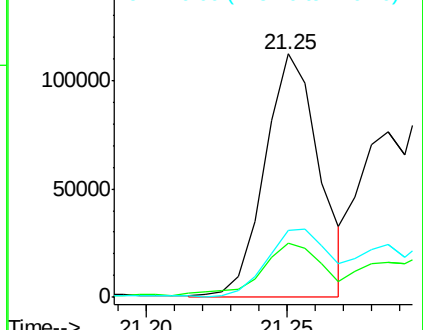
226 27.7 21.4 32.0



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



#82

Chrysene

Concen: 1.244 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

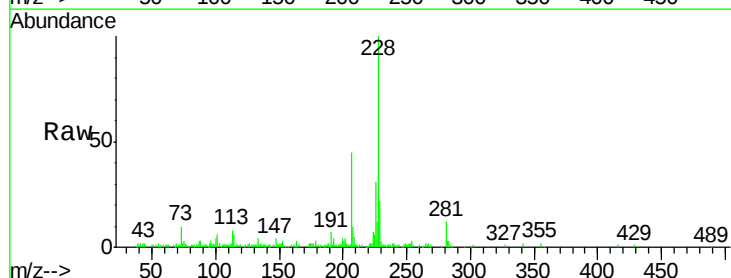
Tgt Ion:228 Resp: 102786

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

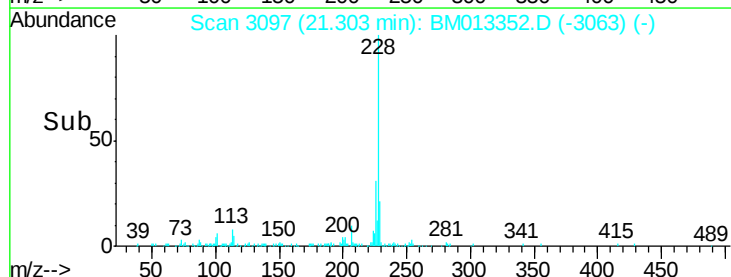
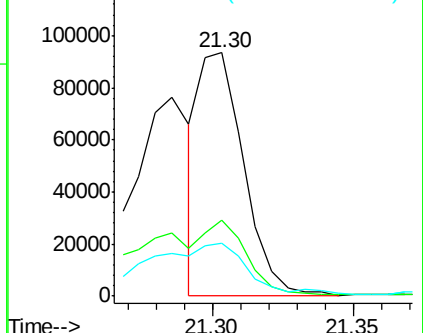
229 21.7 15.5 23.3

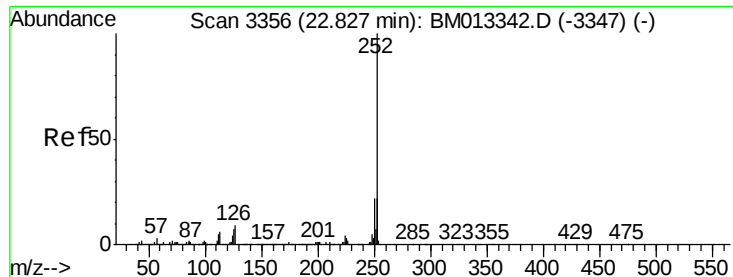


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 4.374 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

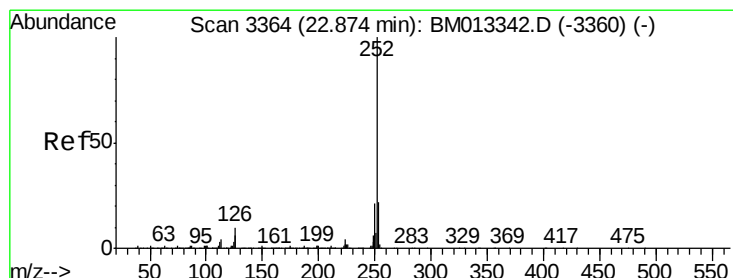
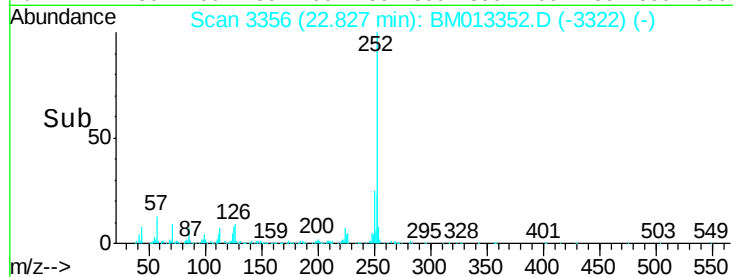
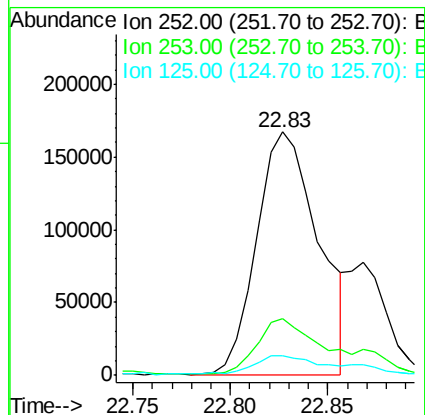
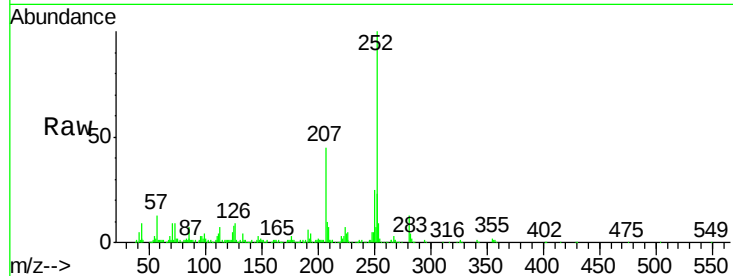
Instrument :

BNA_M

ClientSampleId :

F9A54

Tot Ion:252	Resp:	365732
Ion	Ratio	Lower Upper
252	100	
253	23.1	17.9 26.9
125	8.1	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 4.648 ng/ul

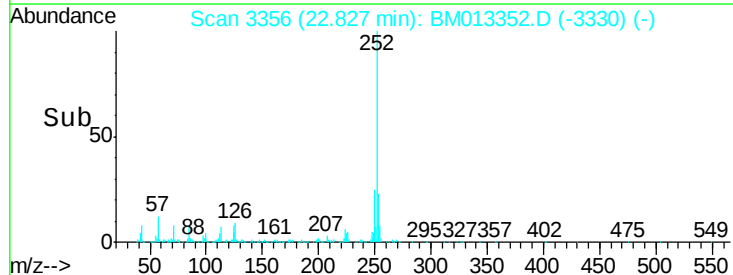
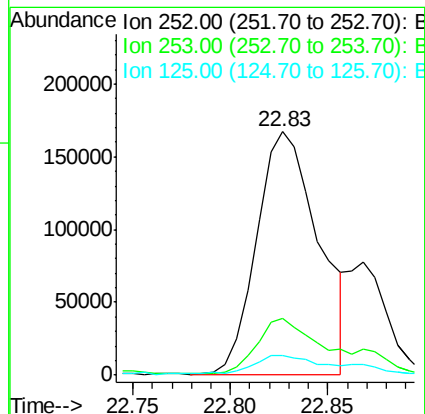
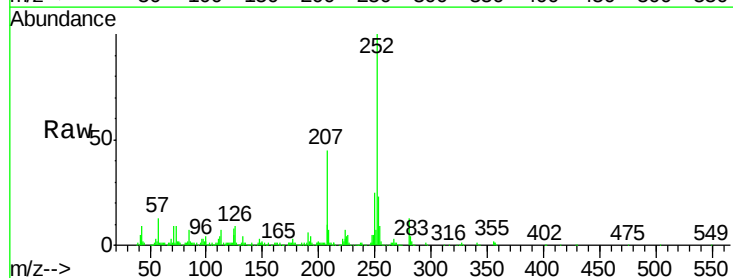
RT: 22.83 min Scan# 3356

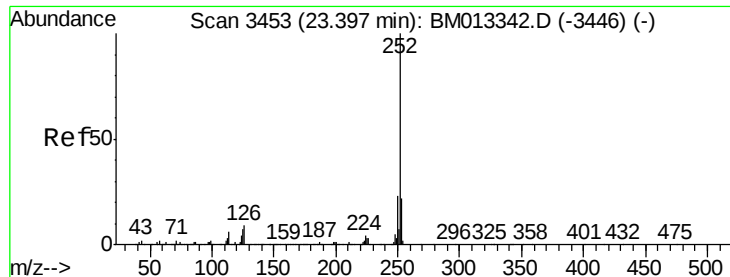
Delta R.T. -0.05 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

Tgt Ion:252	Resp:	365732
Ion	Ratio	Lower Upper
252	100	
253	23.1	17.1 25.7
125	8.1	3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.982 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

Instrument :

BNA_M

ClientSampleId :

F9A54

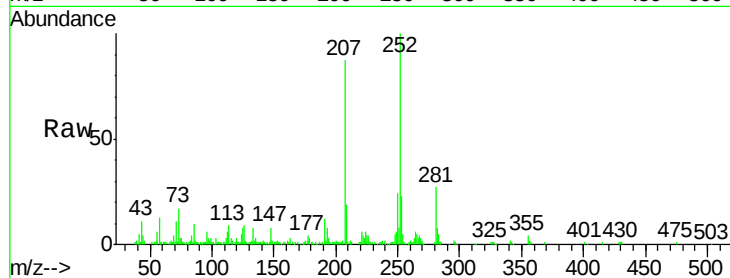
Tot Ion:252 Resp: 148903

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

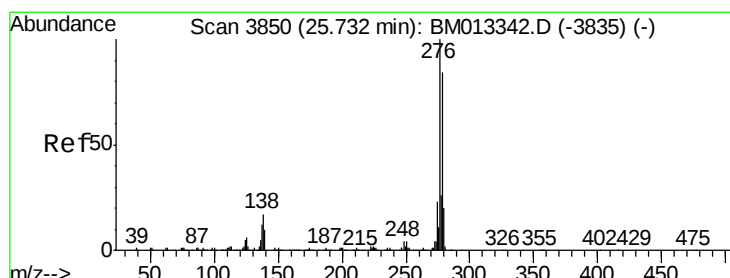
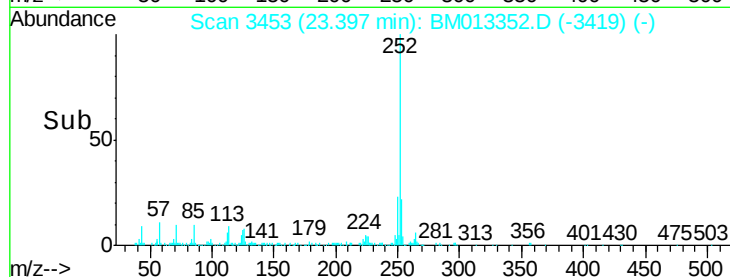
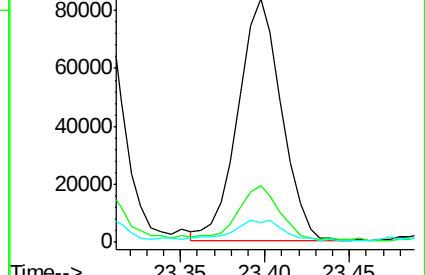
125 8.1 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.484 ng/ul

RT: 25.72 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

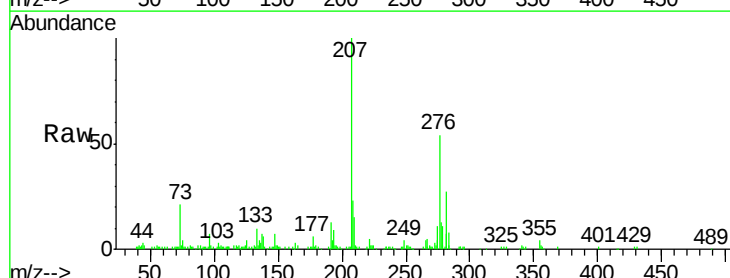
Tgt Ion:276 Resp: 110598

Ion Ratio Lower Upper

276 100

138 11.9 9.3 13.9

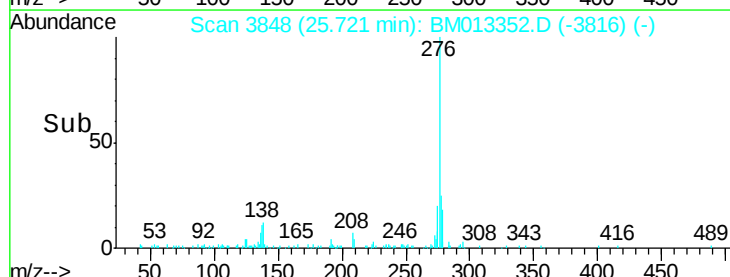
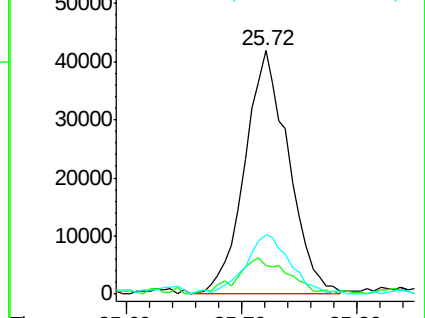
277 24.3 19.9 29.9

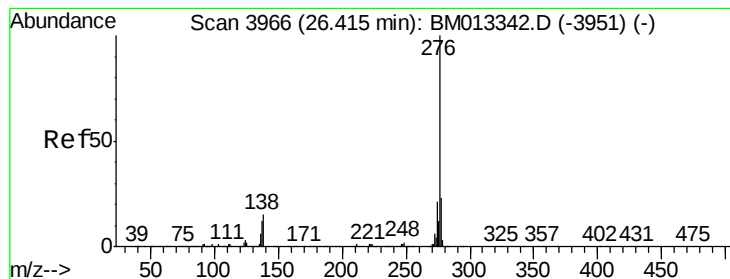


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.496 ng/ul

RT: 26.40 min Scan# 3964

Delta R.T. -0.01 min

Lab File: BM013352.D

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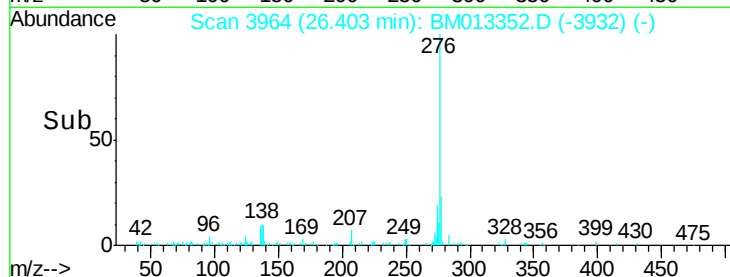
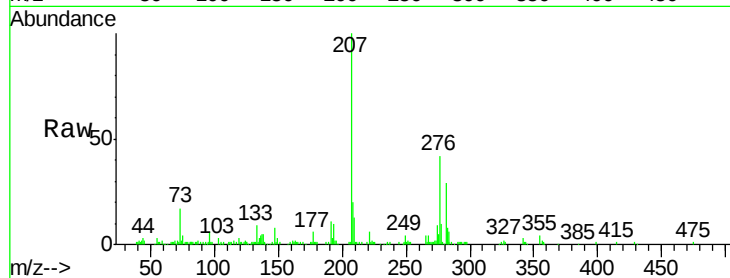
Tot Ion: 276 Resp: 87940

Ion Ratio Lower Upper

276 100

138 11.0 8.5 12.7

277 23.1 18.6 28.0



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

