

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111317\
 Data File : BM012945.D
 Acq On : 13 Nov 2017 21:22
 Operator : SJ/JU
 Sample : I6363-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0FC0

Quant Time: Nov 14 04:08:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 02:57:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	93724	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	388713	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	239234	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	558031	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	626756	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	677520	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	5800	3.34	ng/uL	0.00
5) Phenol-d5	6.96	99	115601	16.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	67101	17.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	95341	16.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	94022	15.62	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	47851	16.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	52924	16.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	99026	14.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	67887	10.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	332292	16.79	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	398055	16.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	33322	10.50	ng/ul	0.00
57) Fluorene-d10	15.42	176	291137	17.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	35342	9.59	ng/ul	0.00
70) Anthracene-d10	17.27	188	448285	16.63	ng/ul	0.00
78) Pyrene-d10	19.56	212	472695	16.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	524438	16.37	ng/ul	0.00

Target Compounds

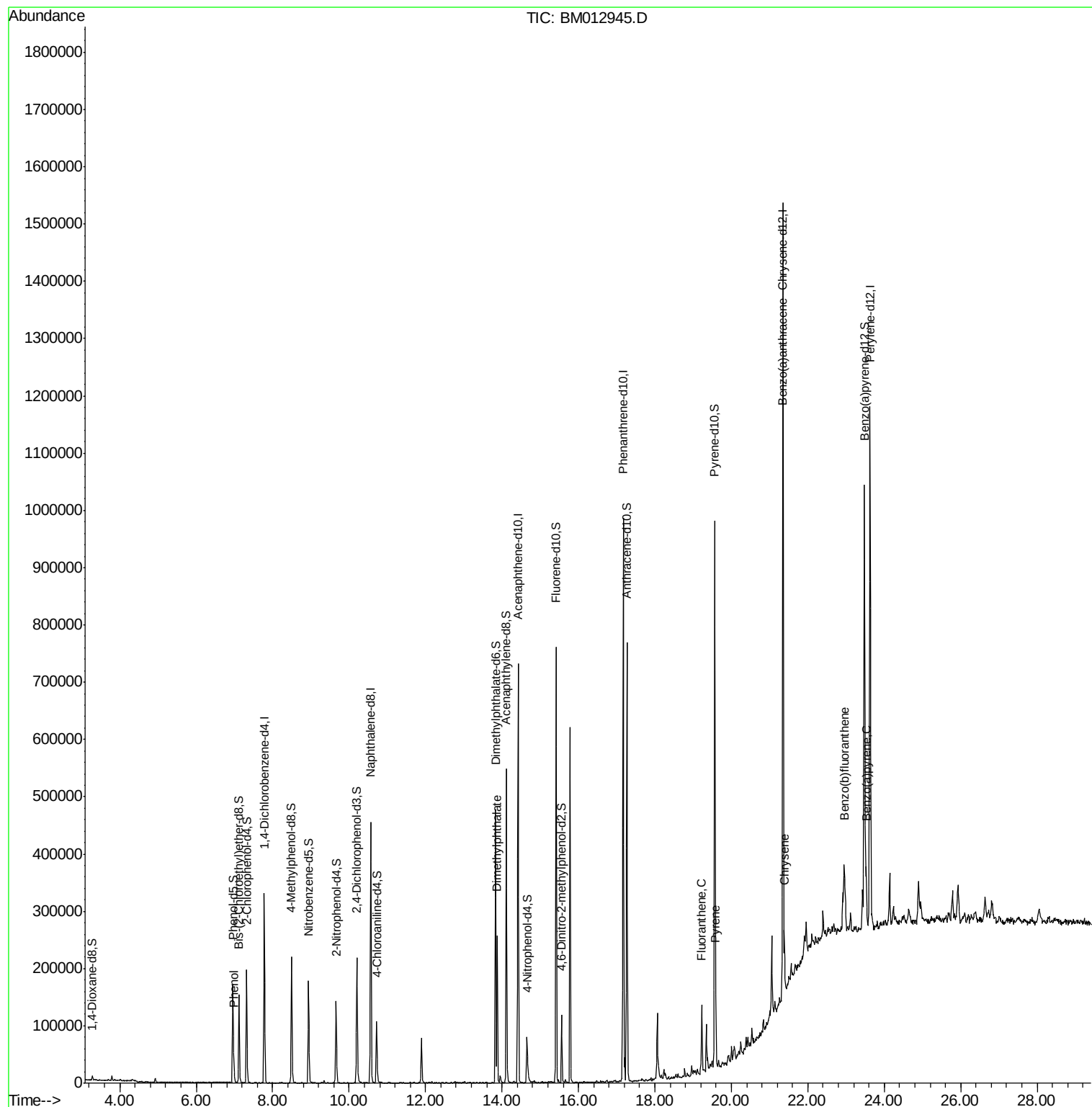
					Ovalue
6) Phenol	6.99	94	16745	2.339	ng/ul 92
44) Dimethylphthalate	13.87	163	178078	9.065	ng/ul 100
76) Fluoranthene	19.23	202	63102	1.722	ng/ul 96
79) Pyrene	19.59	202	76429	2.044	ng/ul 95
82) Benzo(a)anthracene	21.34	228	54801	1.445	ng/ul 94
84) Chrysene	21.39	228	60085	1.748	ng/ul 98
87) Benzo(b)fluoranthene	22.94	252	95097	2.297	ng/ul 100
90) Benzo(a)pyrene	23.53	252	69336	1.760	ng/ul 95

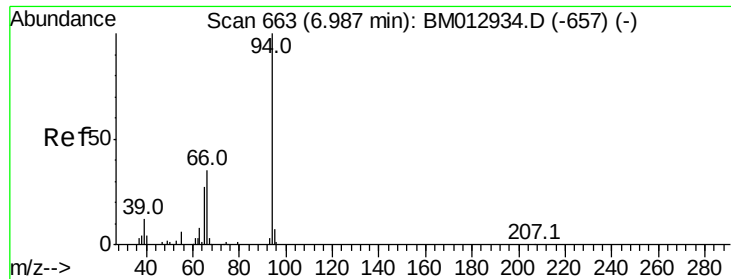
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.339 ng/ul

RT: 6.99 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM012945.D

Acq: 13 Nov 2017 21:22

Instrument :

BNA_M

ClientSampleId :

B0FC0

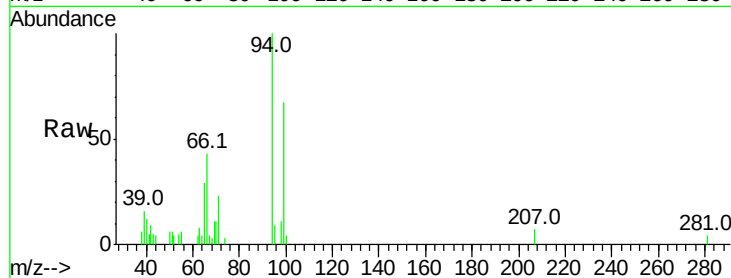
Tot Ion: 94 Resp: 16745

Ion Ratio Lower Upper

94 100

65 28.7 21.0 31.6

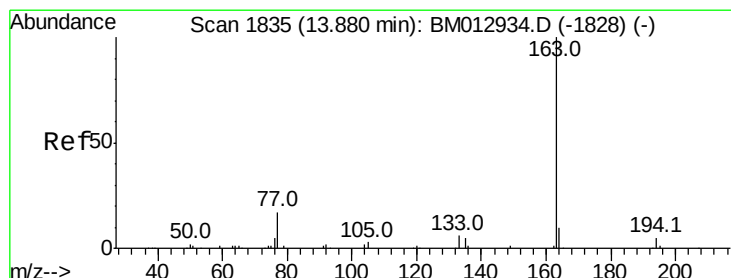
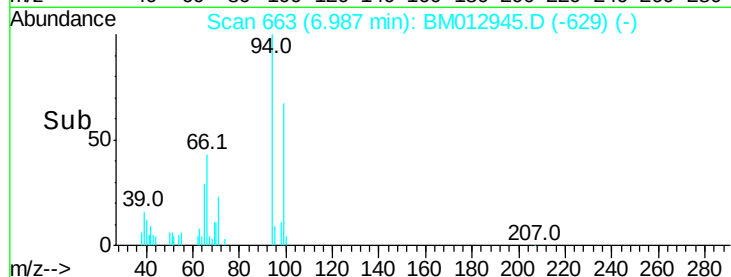
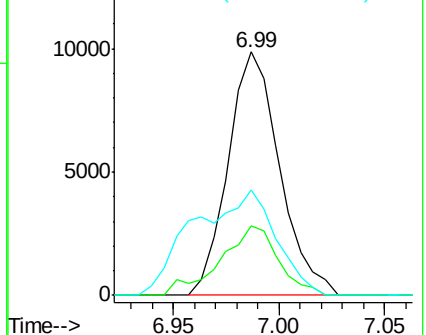
66 43.1 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012934.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM012934.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM012934.D (-657) (-)



#44

Dimethylphthalate

Concen: 9.065 ng/ul

RT: 13.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM012945.D

Acq: 13 Nov 2017 21:22

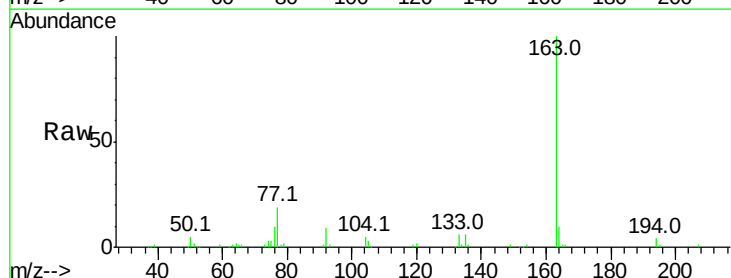
Tgt Ion:163 Resp: 178078

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

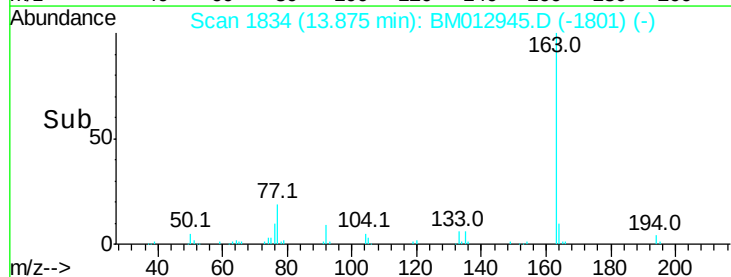
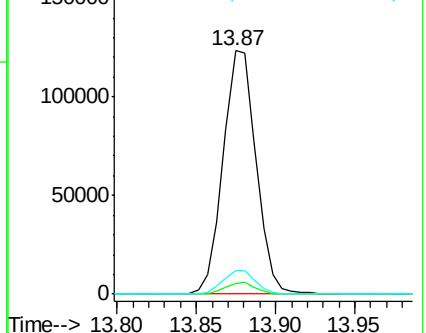
164 9.8 7.8 11.8

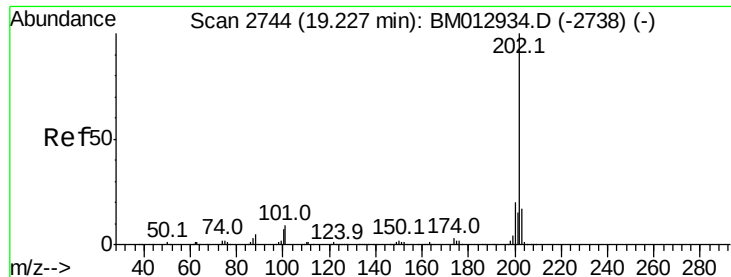


Abundance Ion 163.00 (162.70 to 163.70): BM012934.D (-1828) (-)

Ion 194.00 (193.70 to 194.70): BM012934.D (-1828) (-)

Ion 164.00 (163.70 to 164.70): BM012934.D (-1828) (-)





#76

Fluoranthene

Concen: 1.722 ng/ul

RT: 19.23 min Scan# 2744

Delta R.T. 0.00 min

Lab File: BM012945.D

Acq: 13 Nov 2017 21:22

Instrument :

BNA_M

ClientSampleId :

B0FC0

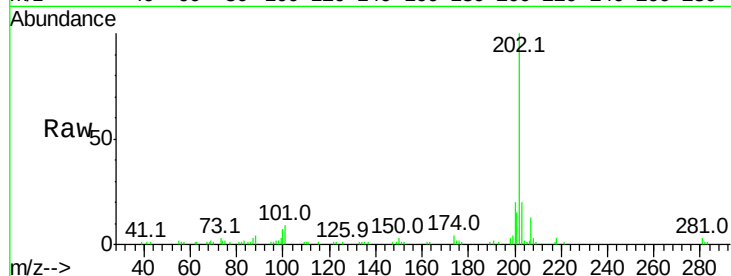
Tot Ion:202 Resp: 63102

Ion Ratio Lower Upper

202 100

101 9.4 8.8 13.2

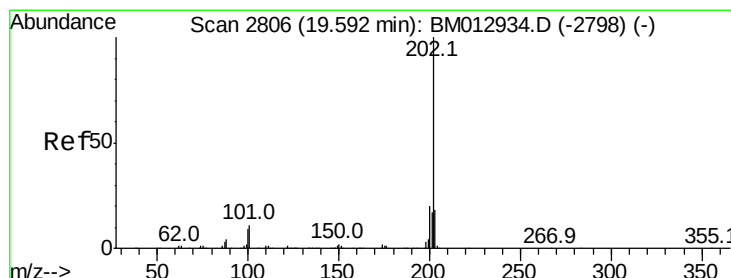
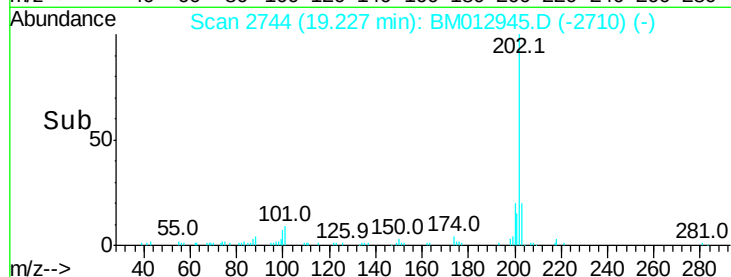
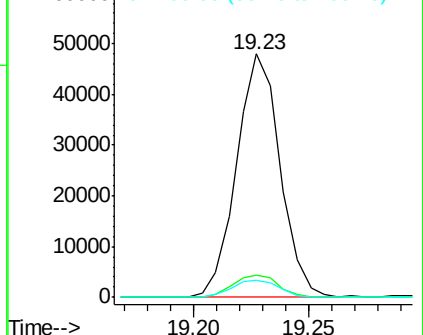
100 7.1 6.6 9.8



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: 2.044 ng/ul

RT: 19.59 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BM012945.D

Acq: 13 Nov 2017 21:22

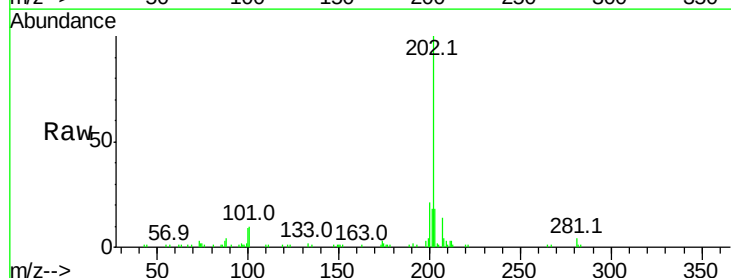
Tgt Ion:202 Resp: 76429

Ion Ratio Lower Upper

202 100

101 10.4 10.2 15.2

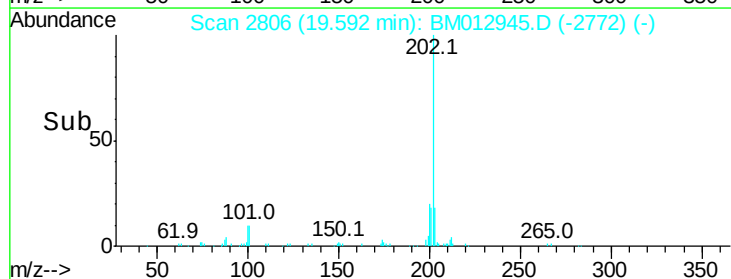
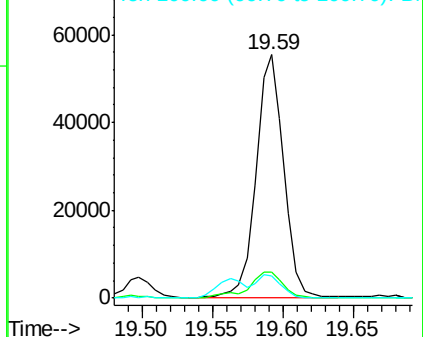
100 9.2 8.5 12.7

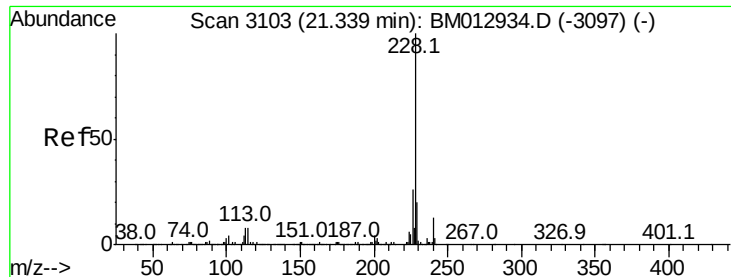


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

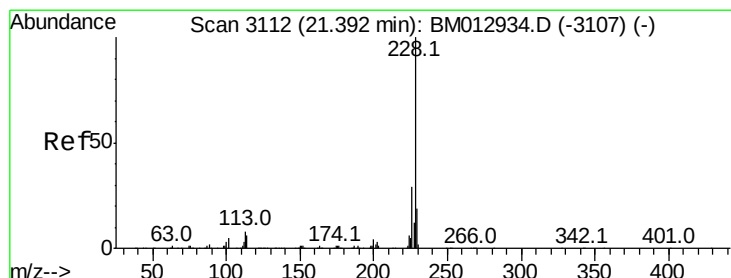
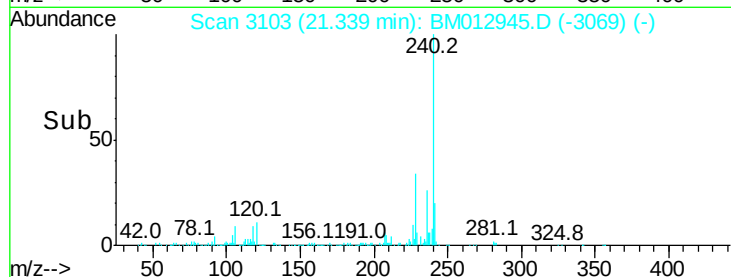
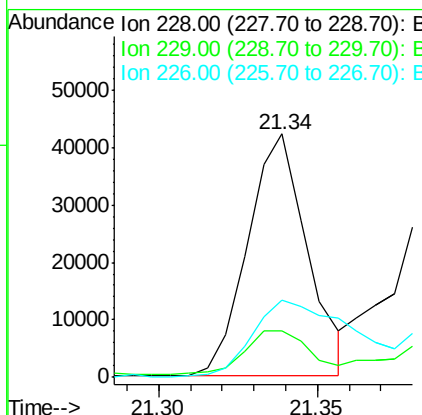
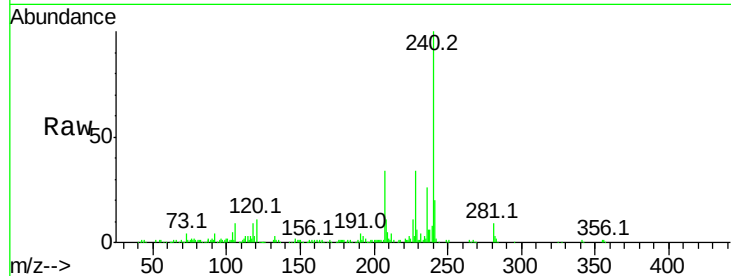




#82
Benzo(a)anthracene
Concen: 1.445 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM012945.D
Acq: 13 Nov 2017 21:22

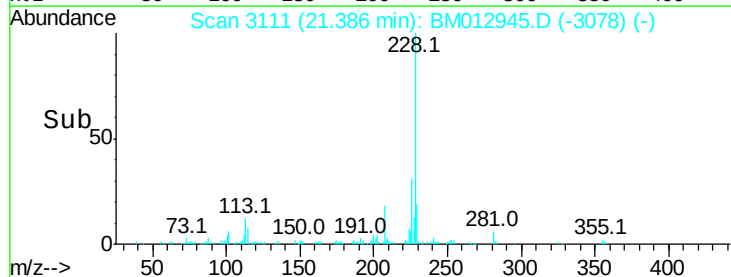
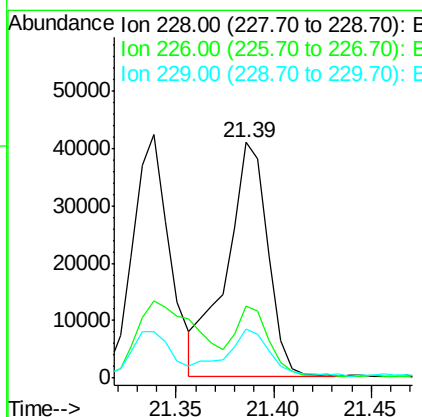
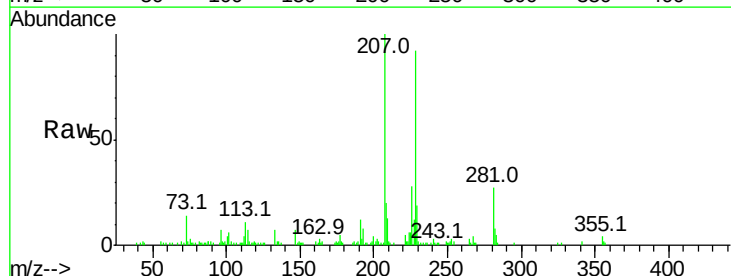
Instrument :
BNA_M
ClientSampleId :
B0FC0

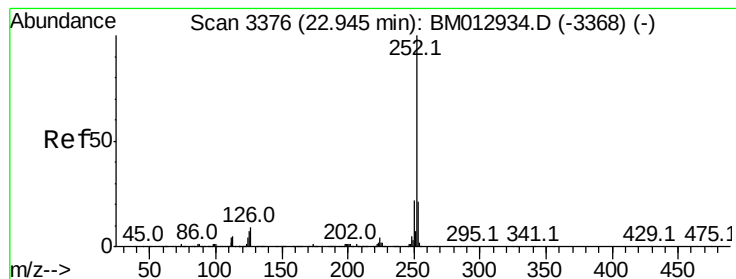
Tot Ion:228 Resp: 54801
Ion Ratio Lower Upper
228 100
229 18.9 15.7 23.5
226 31.7 21.8 32.6



#84
Chrysene
Concen: 1.748 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM012945.D
Acq: 13 Nov 2017 21:22

Tgt Ion:228 Resp: 60085
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 20.8 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 2.297 ng/ul

RT: 22.94 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BM012945.D

Acq: 13 Nov 2017 21:22

Instrument :

BNA_M

ClientSampleId :

B0FC0

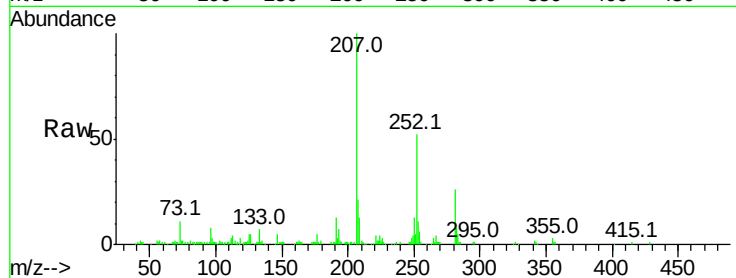
Tot Ion:252 Resp: 95097

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

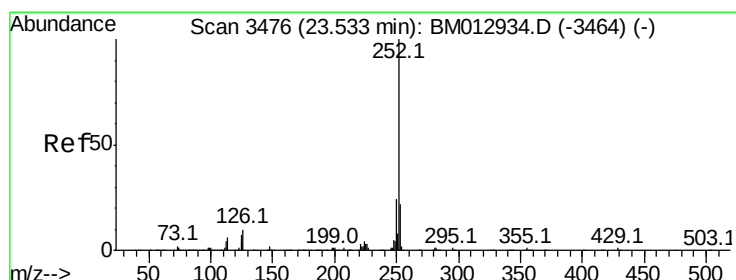
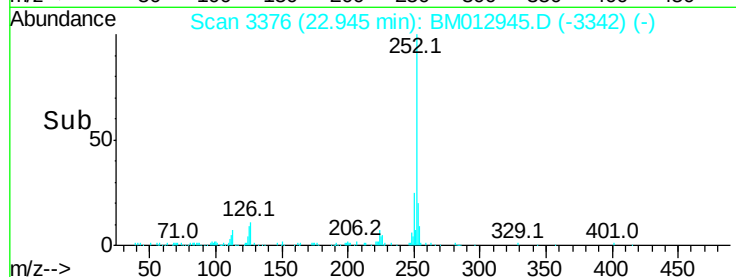
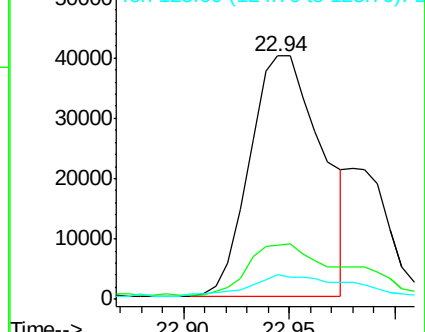
125 10.2 8.5 12.7



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: 1.760 ng/ul

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM012945.D

Acq: 13 Nov 2017 21:22

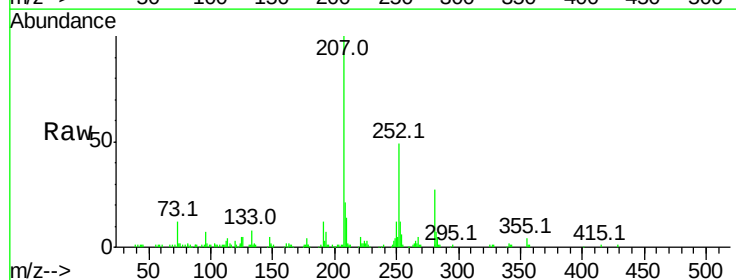
Tgt Ion:252 Resp: 69336

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

125 9.9 9.0 13.6



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

