

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013449.D
 Acq On : 15 Dec 2017 21:33
 Operator : SJ/JU
 Sample : I6778-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A66

Quant Time: Dec 16 00:23:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	215069	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	930004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	548599	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1269794	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1271741	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1017586	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14076	3.24	ng/uL	0.00
5) Phenol-d5	6.85	99	285809	15.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	185372	17.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	245257	16.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	245720	15.46	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	129196	17.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	138911	17.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	256512	15.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	153740	10.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	868317	17.79	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1041582	17.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	100796	11.88	ng/ul	0.00
57) Fluorene-d10	15.32	176	728780	17.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	101321	12.68	ng/ul	0.00
70) Anthracene-d10	17.16	188	1081919	17.01	ng/ul	0.00
76) Pyrene-d10	19.46	212	1145984	18.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	832408	16.06	ng/ul	0.00

Target Compounds

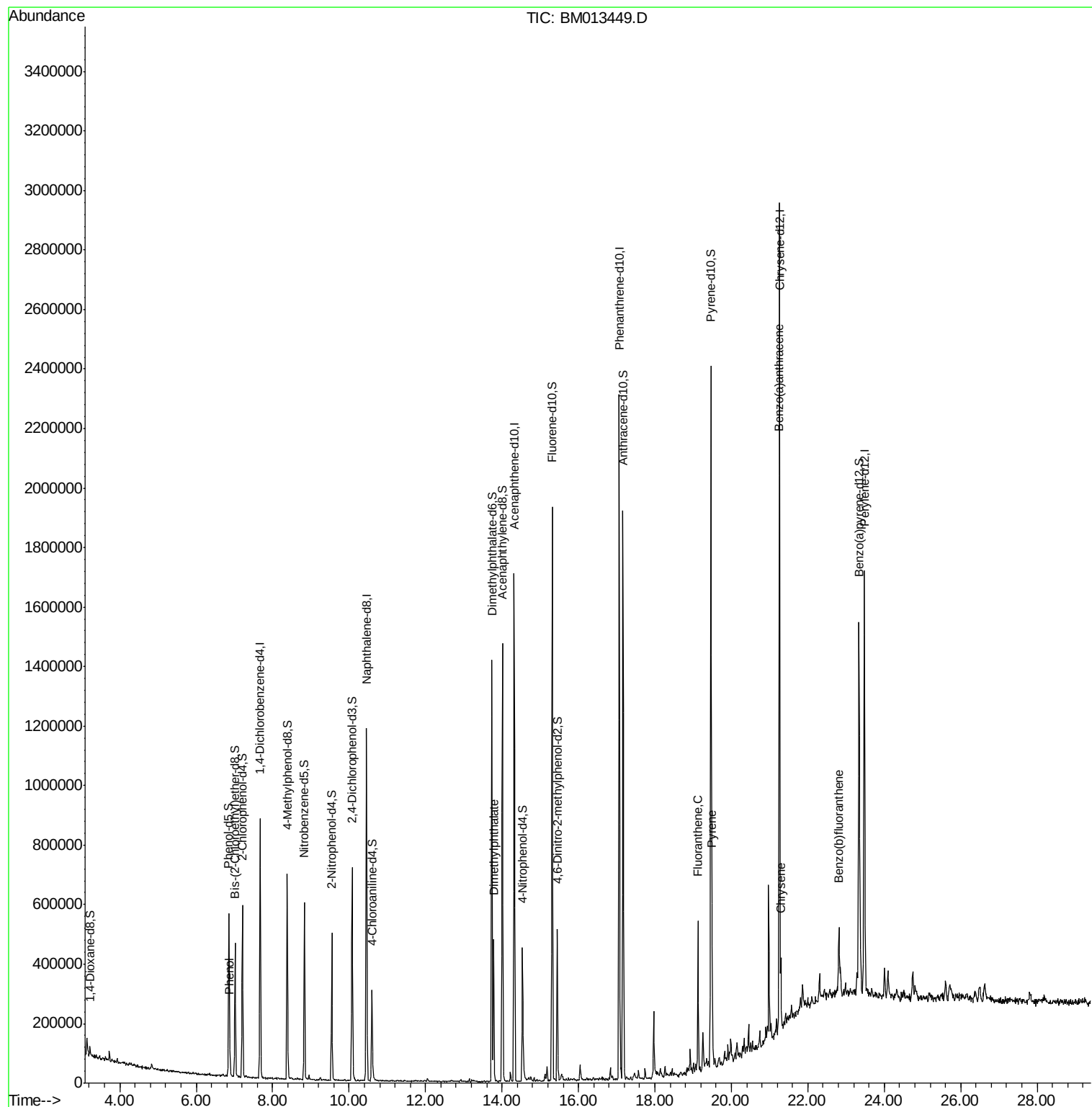
				Ovalue	
6) Phenol	6.88	94	27918	1.518	ng/ul# 86
44) Dimethylphthalate	13.78	163	276383	5.919	ng/ul 99
74) Fluoranthene	19.13	202	283085	3.202	ng/ul# 94
77) Pyrene	19.49	202	299987	3.883	ng/ul# 93
80) Benzo(a)anthracene	21.24	228	115845	1.436	ng/ul 96
82) Chrysene	21.29	228	133771	1.787	ng/ul 98
85) Benzo(b)fluoranthene	22.81	252	113648	1.657	ng/ul# 94

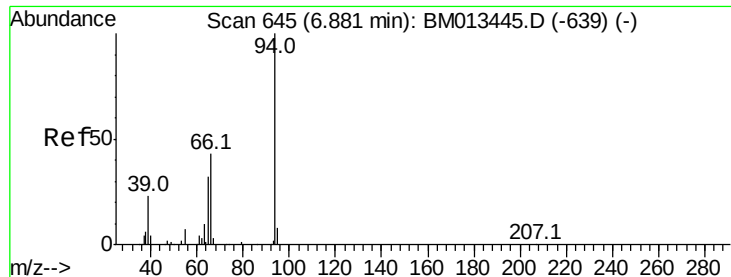
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.518 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013449.D

Acq: 15 Dec 2017 21:33

Instrument :

BNA_M

ClientSampleId :

F9A66

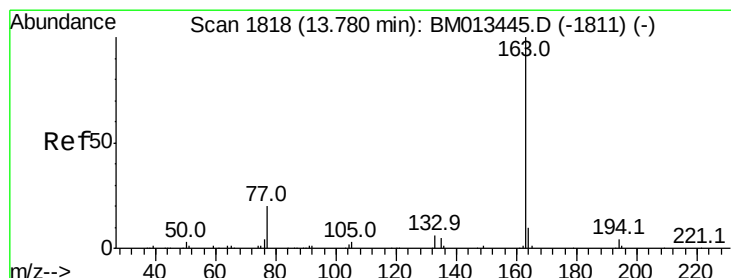
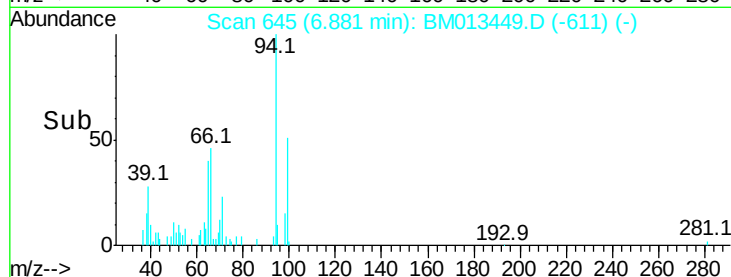
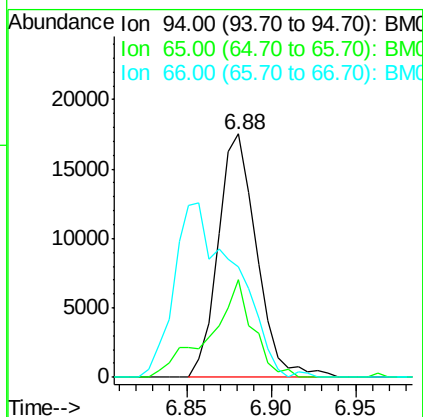
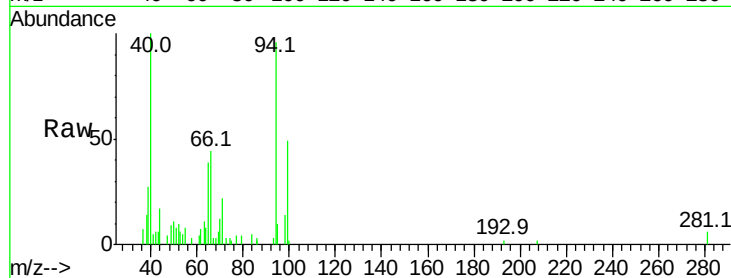
Tot Ion: 94 Resp: 27918

Ion Ratio Lower Upper

94 100

65 40.1 28.2 42.4

66 45.6 47.2 70.8#



#44

Dimethylphthalate

Concen: 5.919 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013449.D

Acq: 15 Dec 2017 21:33

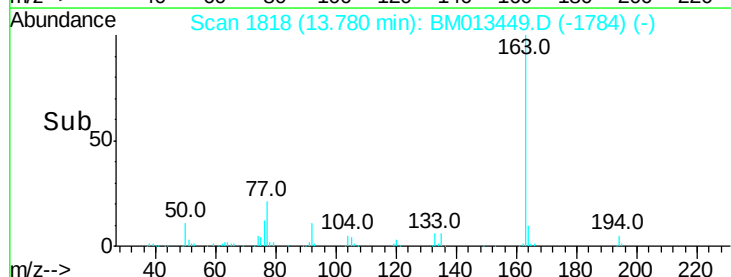
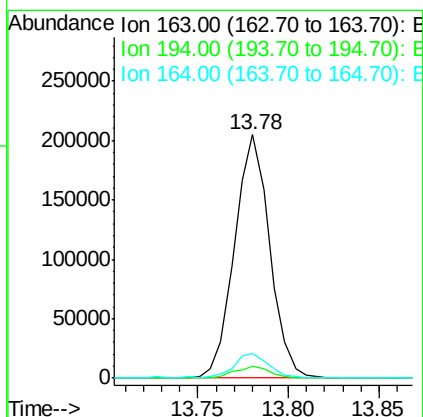
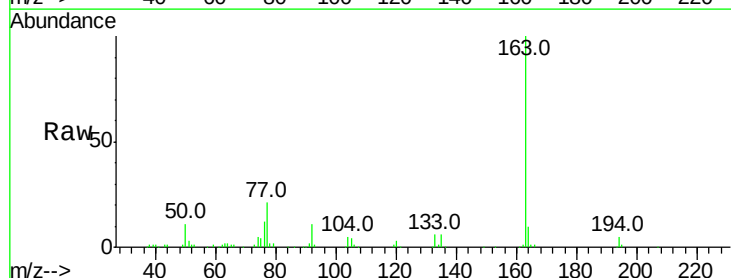
Tgt Ion: 163 Resp: 276383

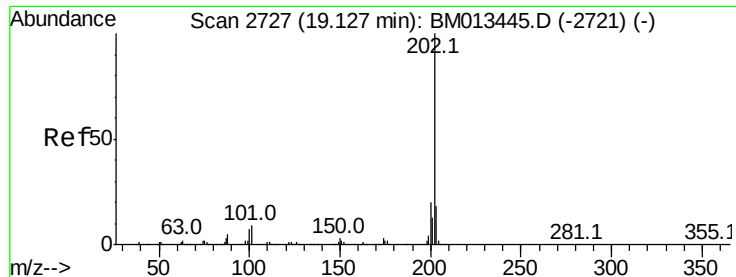
Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

164 10.0 8.2 12.4





#74

Fluoranthene

Concen: 3.202 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013449.D

Acq: 15 Dec 2017 21:33

Instrument :

BNA_M

ClientSampled :

F9A66

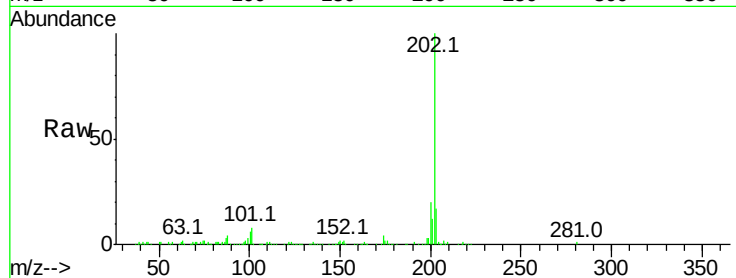
Tot Ion:202 Resp: 283085

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

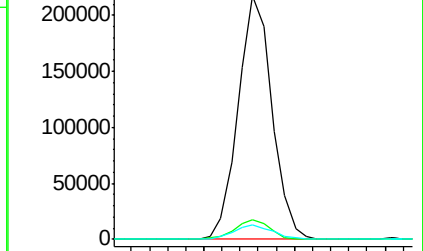
100 5.8 3.4 5.2#



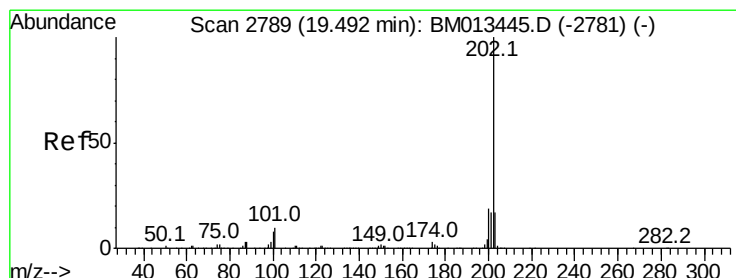
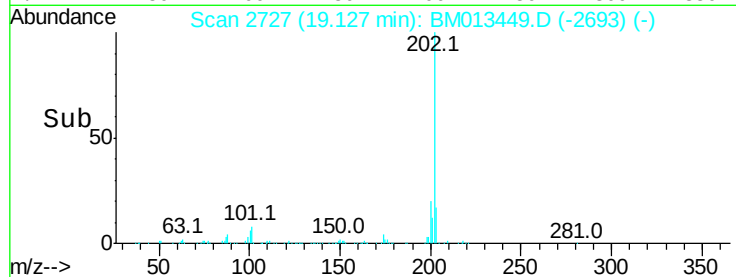
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 3.883 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013449.D

Acq: 15 Dec 2017 21:33

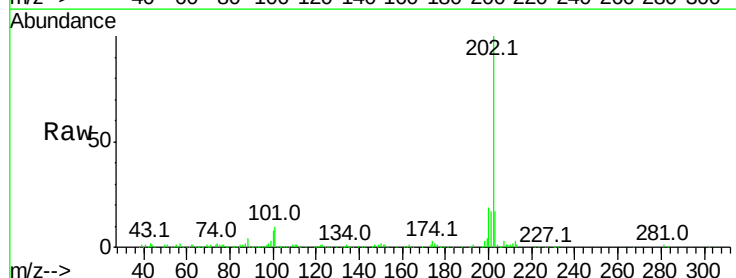
Tgt Ion:202 Resp: 299987

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

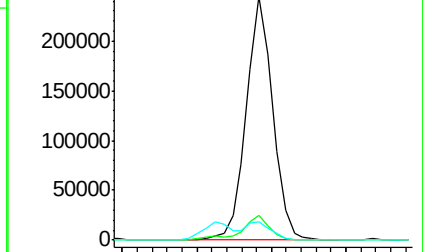
100 7.6 4.9 7.3#



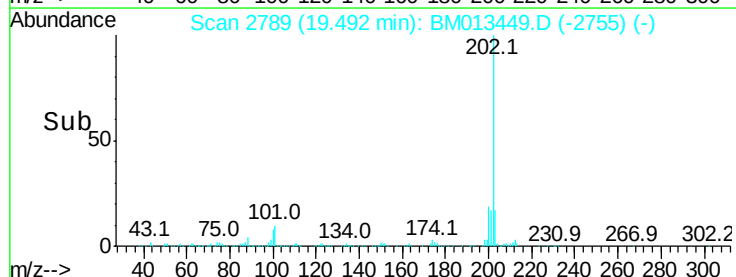
Abundance Ion 202.00 (201.70 to 202.70): E

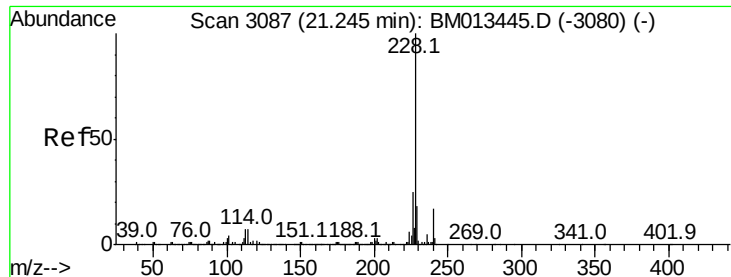
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Benzo(a)anthracene

Concen: 1.436 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013449.D

Acq: 15 Dec 2017 21:33

Instrument :

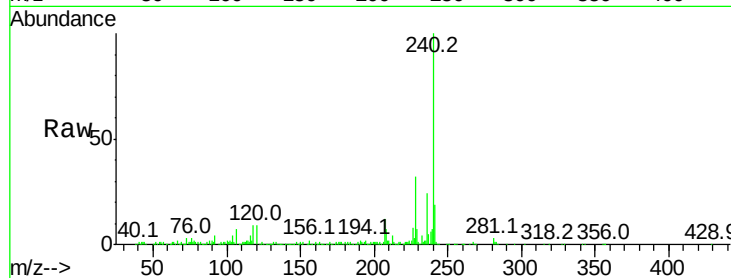
BNA_M

ClientSampleId :

F9A66

Tot Ion:228 Resp: 115845

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	24.0	21.4	32.0

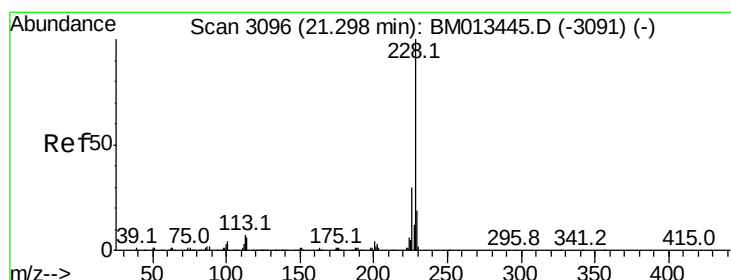
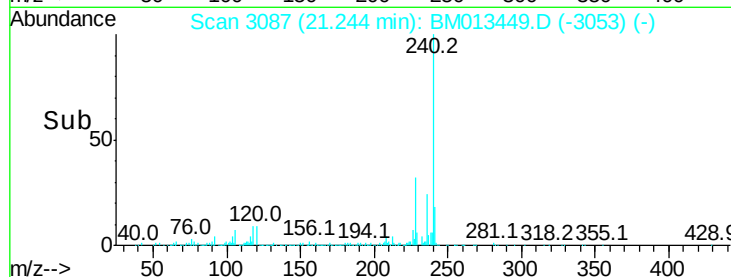
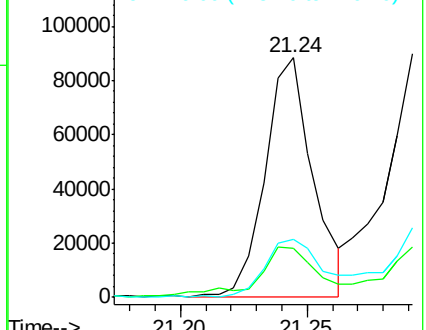


Abundance

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: 1.787 ng/ul

RT: 21.29 min Scan# 3095

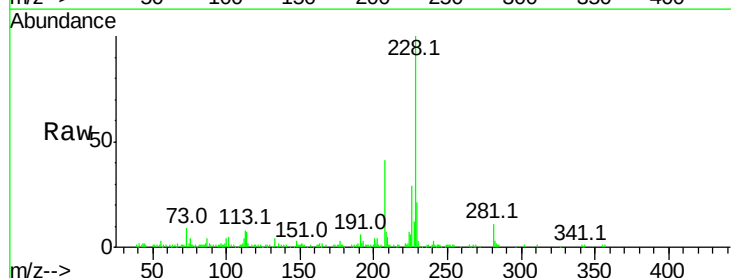
Delta R.T. -0.01 min

Lab File: BM013449.D

Acq: 15 Dec 2017 21:33

Tgt Ion:228 Resp: 133771

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.9	15.5	23.3

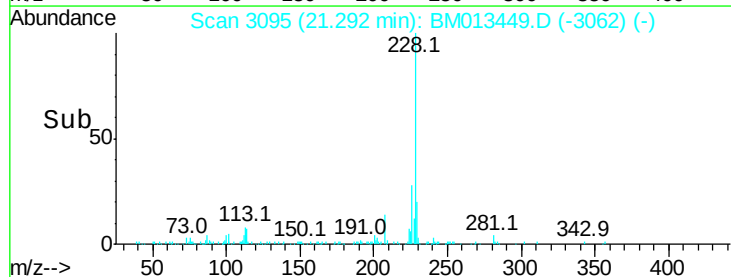
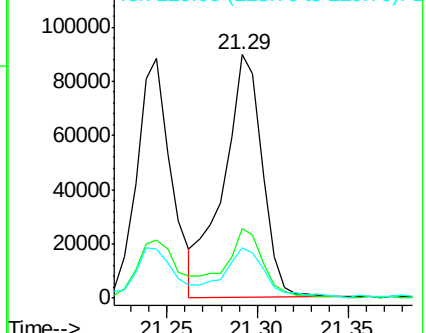


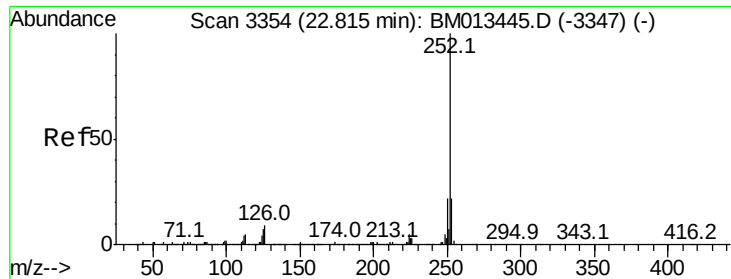
Abundance

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: 1.657 ng/ul

RT: 22.81 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013449.D

Acq: 15 Dec 2017 21:33

Instrument :

BNA_M

ClientSampleId :

F9A66

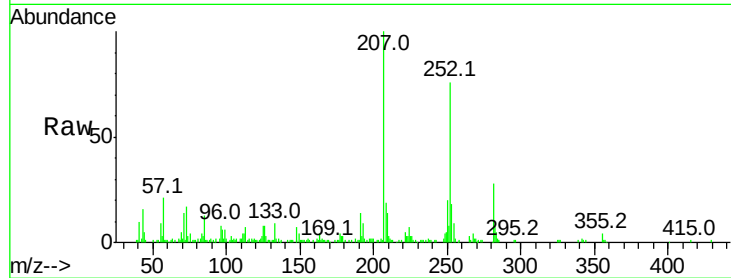
Tot Ion:252 Resp: 113648

Ion Ratio Lower Upper

252 100

253 24.3 17.9 26.9

125 10.8 3.6 5.4#



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

