

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013471.D
 Acq On : 16 Dec 2017 10:35
 Operator : SJ/JU
 Sample : I6799-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B7

Quant Time: Dec 19 12:58:25 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	313194	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1359225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	785092	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1718976	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1343594	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1103538	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	22833	3.61	ng/uL	0.00
5) Phenol-d5	6.85	99	540275	19.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	353361	22.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	483593	22.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	357593	15.45	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	266238	24.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	289243	25.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	499000	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	404866	18.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1593901	22.81	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2071837	24.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	149717	12.33	ng/ul	0.00
57) Fluorene-d10	15.32	176	1384866	23.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	103673	9.59	ng/ul	0.00
70) Anthracene-d10	17.17	188	2038798	23.68	ng/ul	0.00
76) Pyrene-d10	19.46	212	2062285	30.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1381648	24.58	ng/ul	0.00

Target Compounds

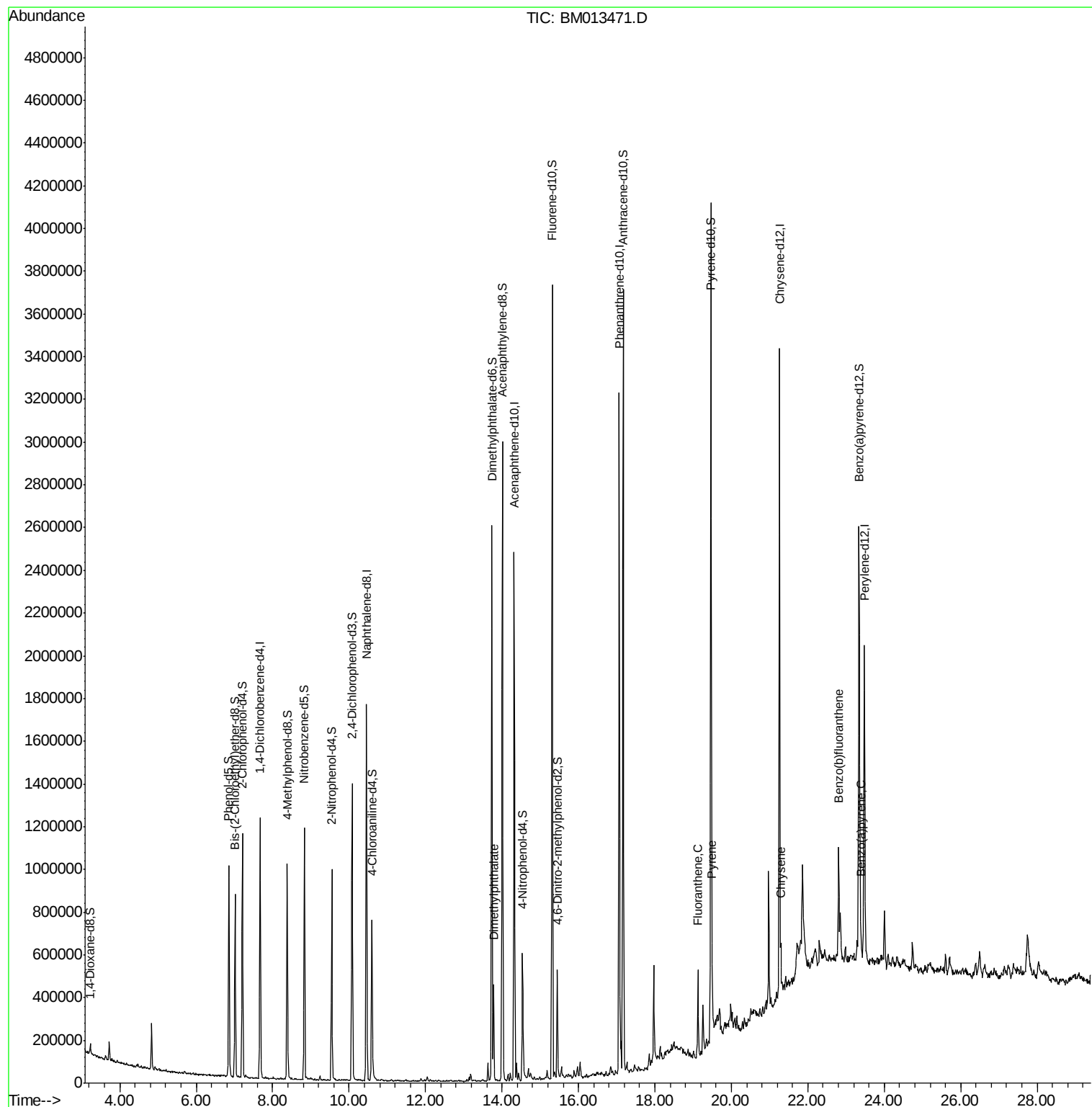
					Ovalue	
44) Dimethylphthalate	13.78	163	266299	3.985	ng/ul#	96
74) Fluoranthene	19.13	202	218903	1.829	ng/ul#	94
77) Pyrene	19.49	202	224703	2.753	ng/ul#	89
82) Chrysene	21.29	228	107856	1.364	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	135925	1.827	ng/ul#	91
88) Benzo(a)pyrene	23.39	252	91946	1.376	ng/ul#	91

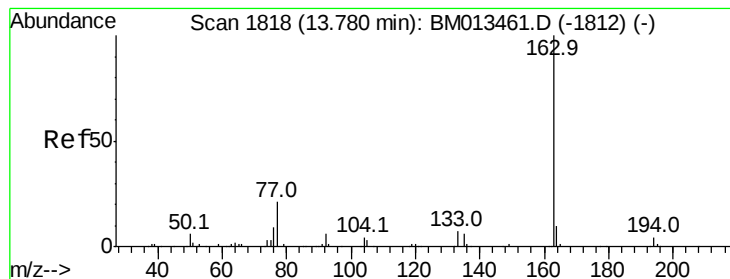
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 3.985 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013471.D

Acq: 16 Dec 2017 10:35

Instrument :

BNA_M

ClientSampleId :

C02B7

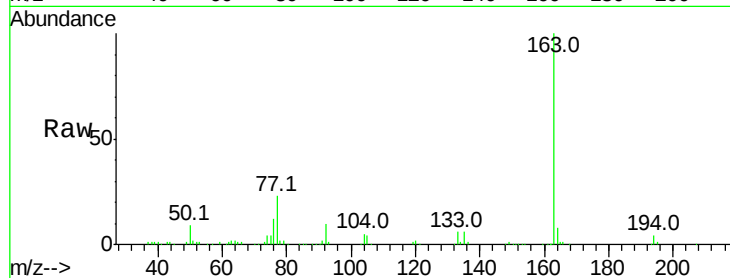
Tot Ion:163 Resp: 266299

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

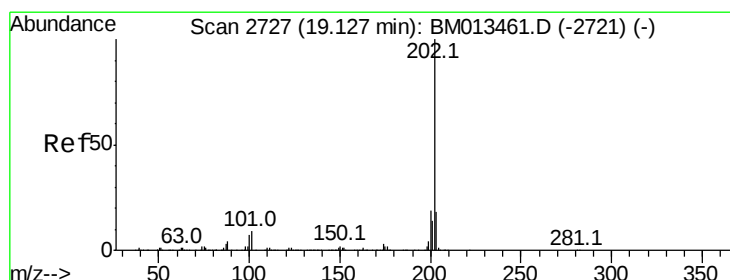
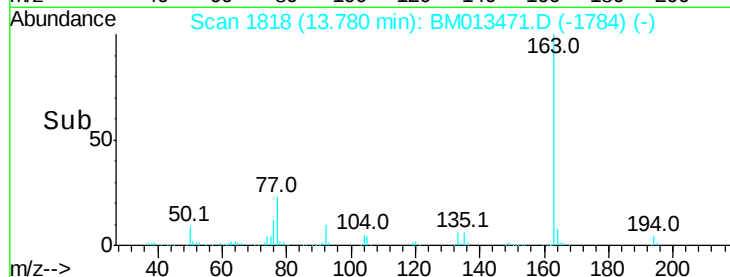
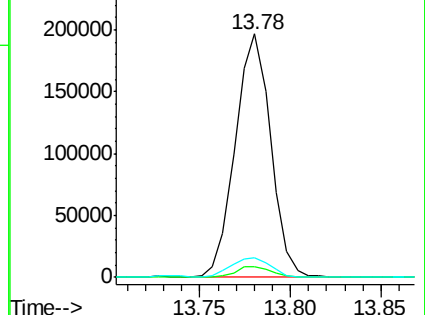
164 8.1 8.2 12.4#



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: 1.829 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013471.D

Acq: 16 Dec 2017 10:35

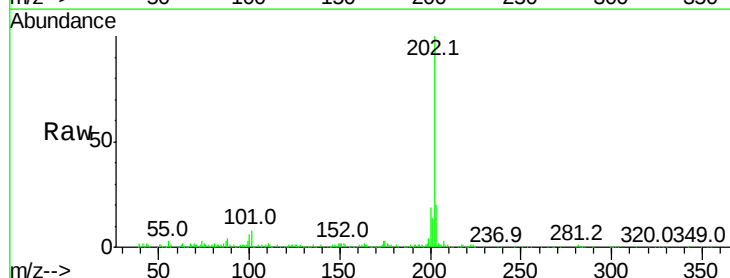
Tgt Ion:202 Resp: 218903

Ion Ratio Lower Upper

202 100

101 7.9 4.6 7.0#

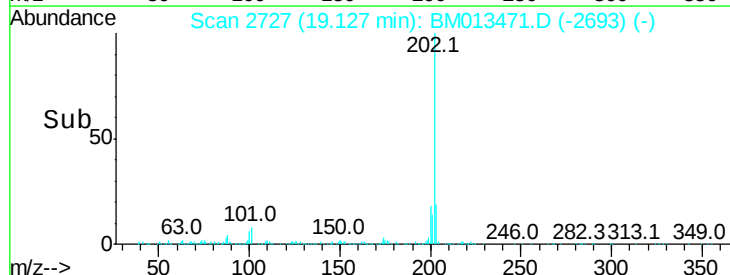
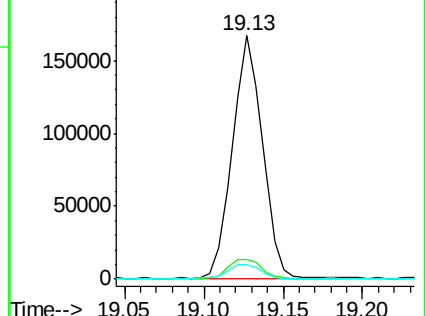
100 6.0 3.4 5.2#

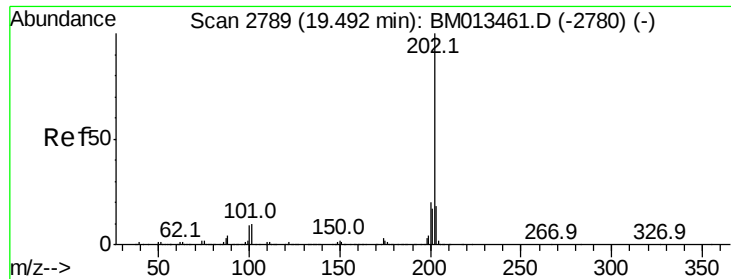


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.753 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013471.D

Acq: 16 Dec 2017 10:35

Instrument :

BNA_M

ClientSampleId :

C02B7

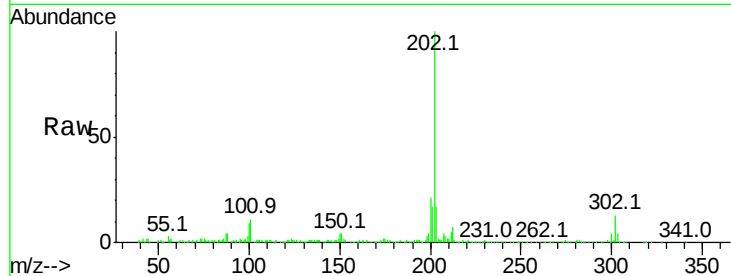
Tot Ion:202 Resp: 224703

Ion Ratio Lower Upper

202 100

101 10.6 5.1 7.7#

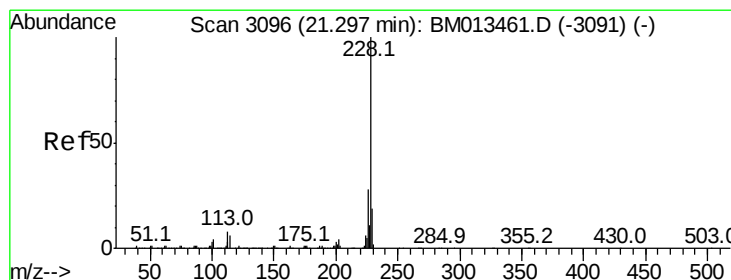
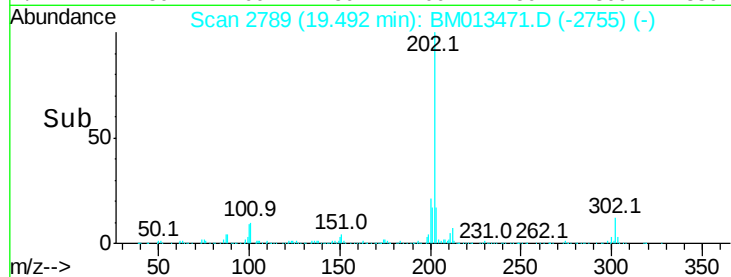
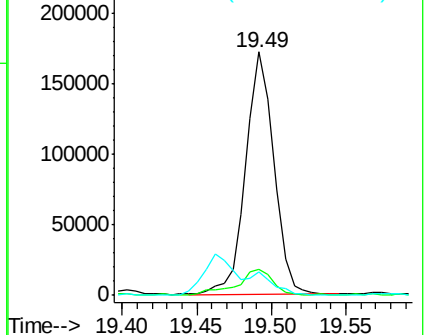
100 9.5 4.9 7.3#



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



#82

Chrysene

Concen: 1.364 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM013471.D

Acq: 16 Dec 2017 10:35

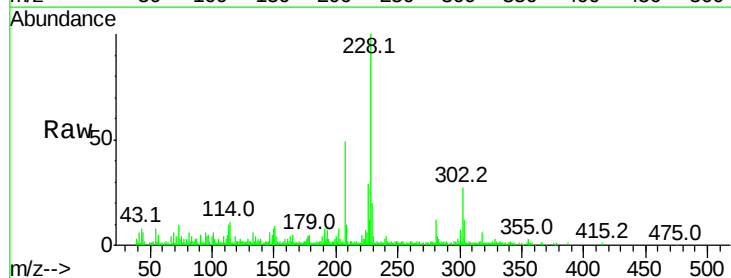
Tgt Ion:228 Resp: 107856

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

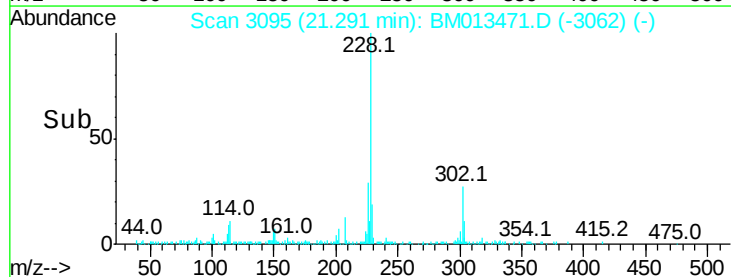
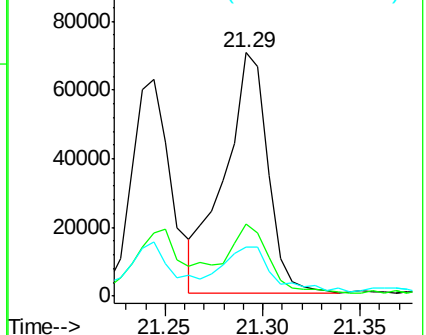
229 20.4 15.5 23.3

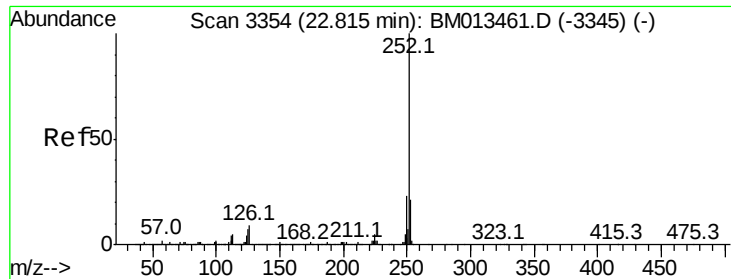


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

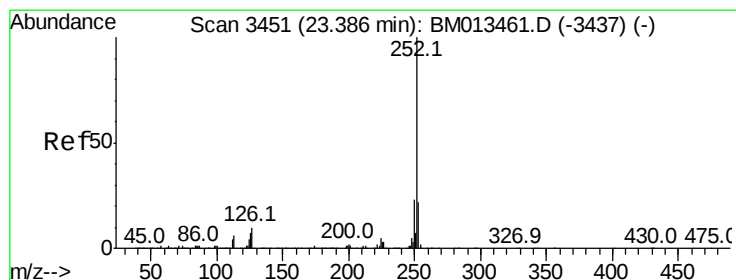
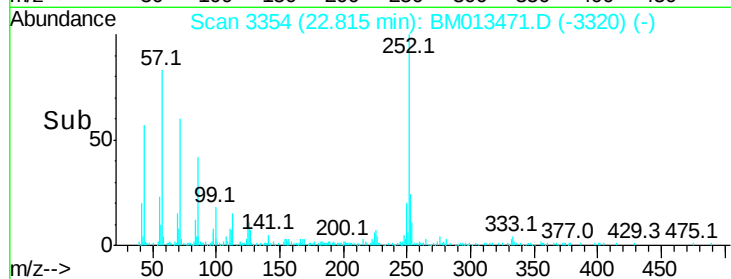
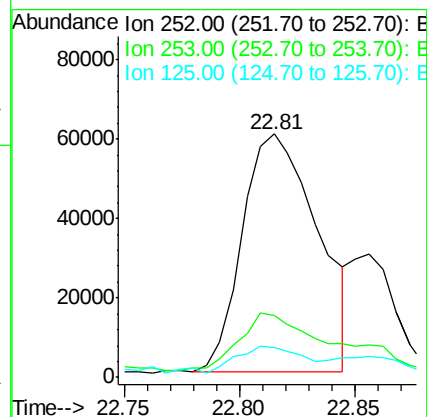
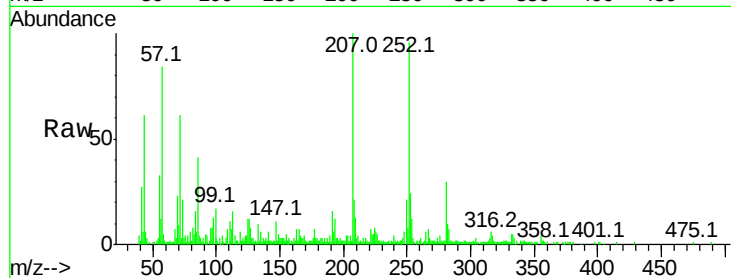




#85
Benzo(b)fluoranthene
Concen: 1.827 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013471.D
Acq: 16 Dec 2017 10:35

Instrument :
BNA_M
ClientSampleId :
C02B7

Tot Ion:252 Resp: 135925
Ion Ratio Lower Upper
252 100
253 25.5 17.9 26.9
125 12.1 3.6 5.4#



#88
Benzo(a)pyrene
Concen: 1.376 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013471.D
Acq: 16 Dec 2017 10:35

Tgt Ion:252 Resp: 91946
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.2
125 13.4 4.0 6.0#

