

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023108.D
 Acq On : 10 Oct 2019 07:06
 Operator : JU
 Sample : K5177-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPC7

Quant Time: Oct 10 11:23:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	167214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	671931	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	386012	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	757389	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	767895	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	905704	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	13494	3.49	ng/uL	0.00
5) Phenol-d5	6.94	99	231514	15.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	142280	17.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	205944	17.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	128270	10.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	98094	18.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	103763	18.32	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	185962	16.49	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.69	131	196599	14.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	564168	18.83	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	663954	19.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	64225	10.85	ng/ul	-0.01
58) Fluorene-d10	15.40	176	487142	19.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	52123	10.58	ng/ul	0.00
71) Anthracene-d10	17.24	188	721015	19.49	ng/ul	0.00
79) Pyrene-d10	19.54	212	886189	21.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1019949	21.77	ng/ul	-0.01

Target Compounds

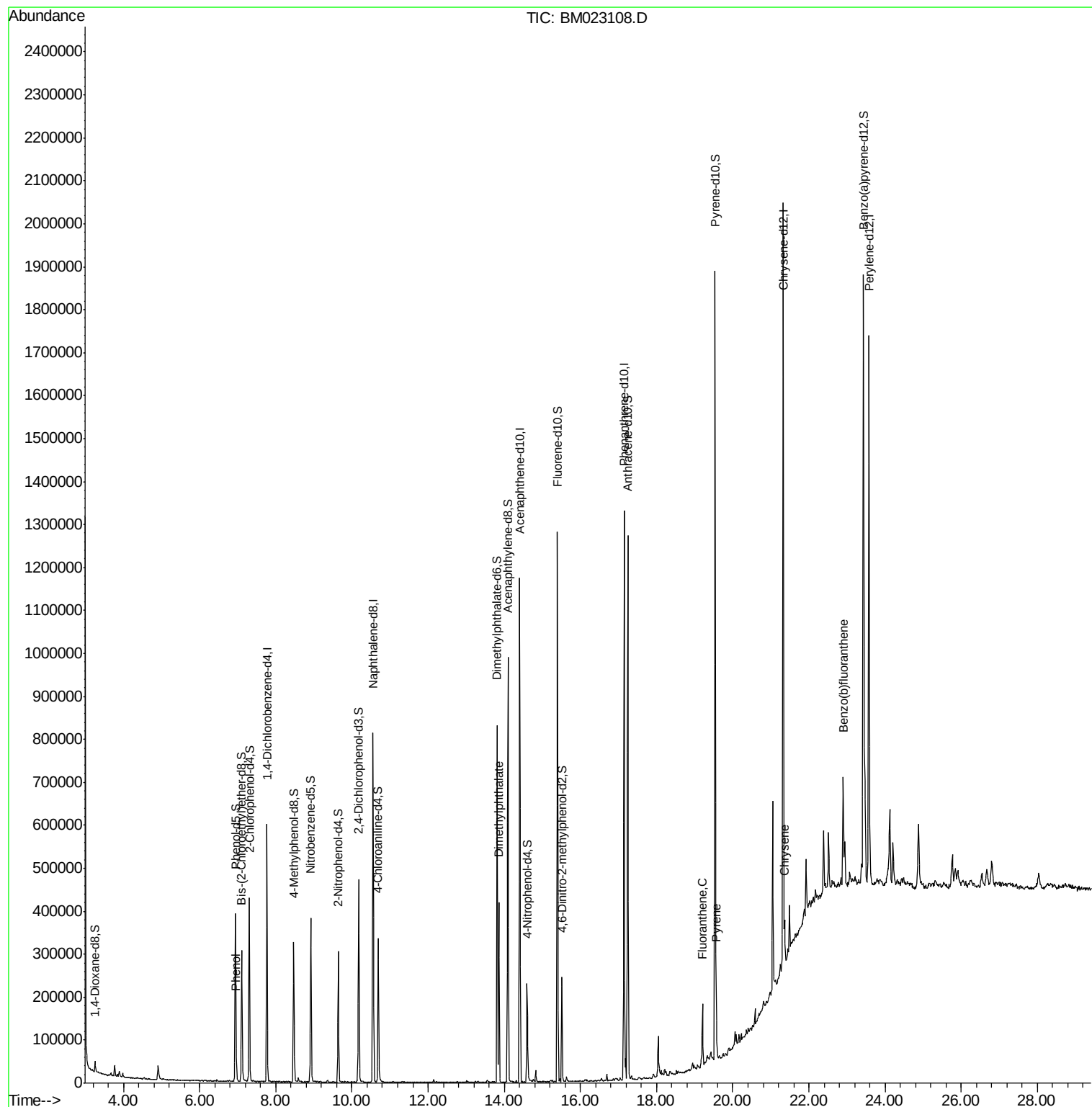
					Ovalue
6) Phenol	6.96	94	29672	1.916	ng/ul 97
45) Dimethylphthalate	13.86	163	272610	8.858	ng/ul 99
77) Fluoranthene	19.20	202	79098	1.556	ng/ul 99
80) Pyrene	19.57	202	78990	1.451	ng/ul 99
85) Chrysene	21.36	228	51044	1.004	ng/ul 97
88) Benzo(b)fluoranthene	22.90	252	69437	1.155	ng/ul# 92

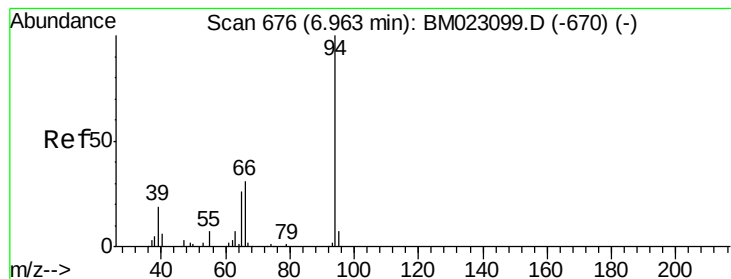
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.916 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023108.D

Acq: 10 Oct 2019 07:06

Instrument :

BNA_M

ClientSampleId :

BEPC7

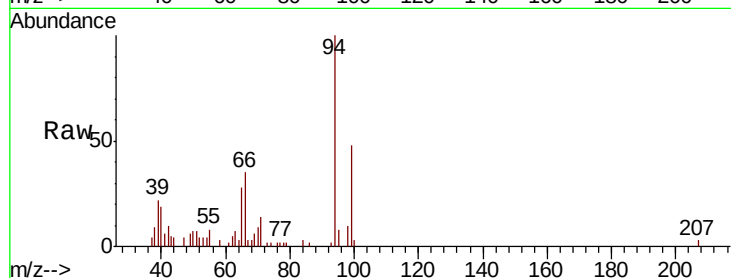
Tot Ion: 94 Resp: 29672

Ion Ratio Lower Upper

94 100

65 28.5 20.9 31.3

66 34.5 27.2 40.8

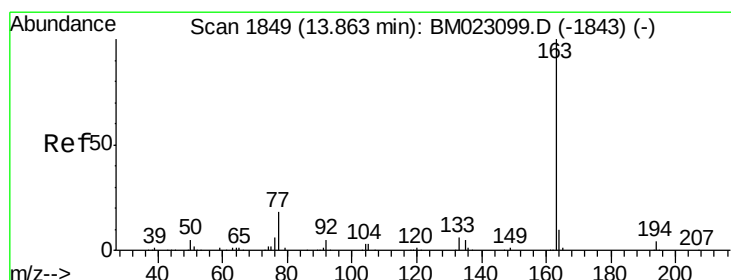
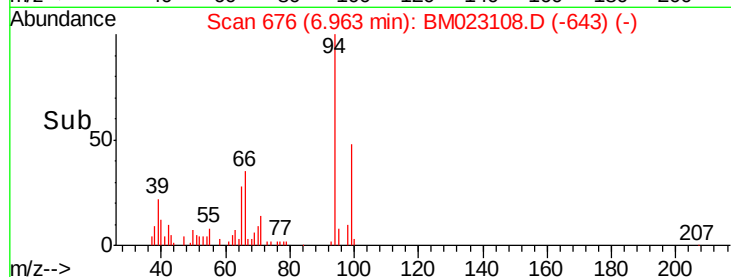
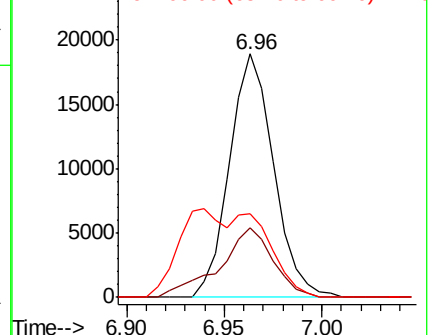


Abundance

Ion 94.00 (93.70 to 94.70): BM023099.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM023099.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM023099.D (-670) (-)



#45

Dimethylphthalate

Concen: 8.858 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM023108.D

Acq: 10 Oct 2019 07:06

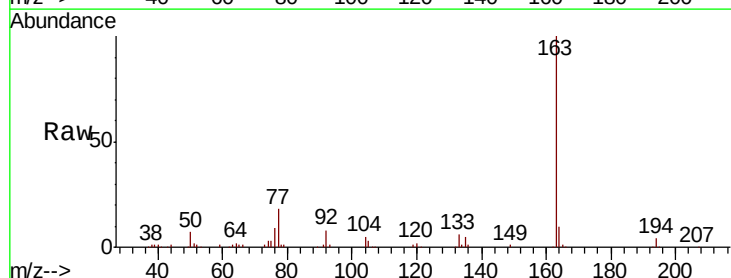
Tgt Ion: 163 Resp: 272610

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.8 8.1 12.1

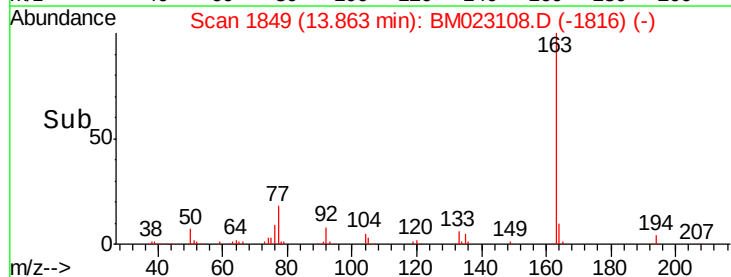
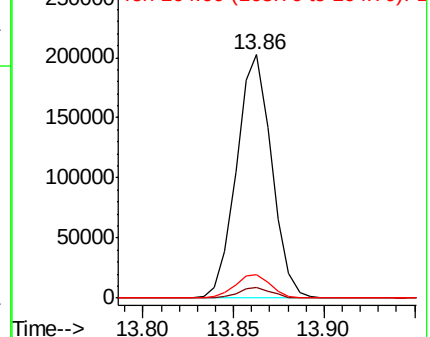


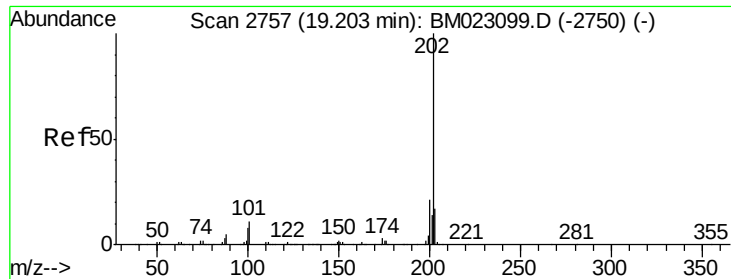
Abundance

Ion 163.00 (162.70 to 163.70): BM023099.D (-1843) (-)

Ion 194.00 (193.70 to 194.70): BM023099.D (-1843) (-)

Ion 164.00 (163.70 to 164.70): BM023099.D (-1843) (-)

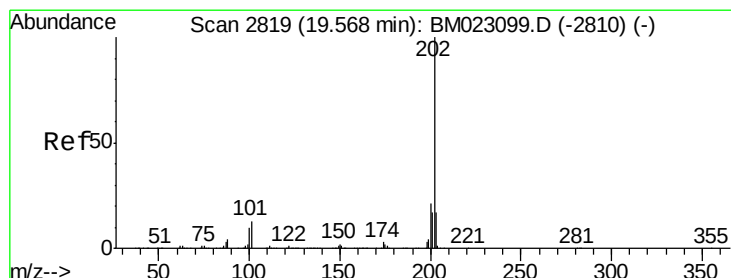
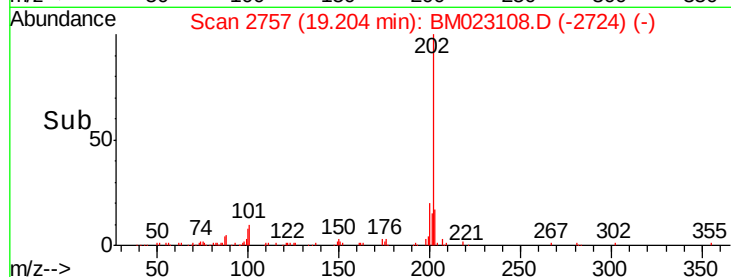
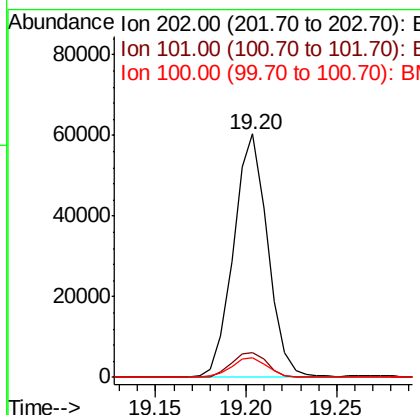
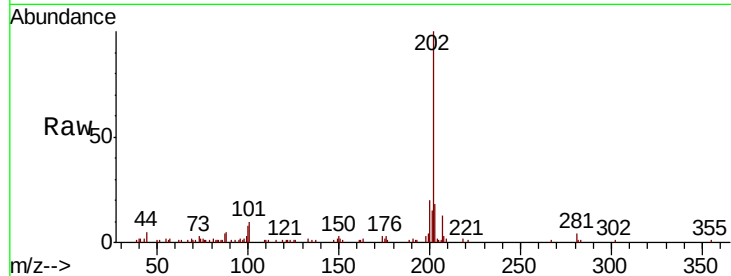




#77
 Fluoranthene
 Concen: 1.556 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. -0.01 min
 Lab File: BM023108.D
 Acq: 10 Oct 2019 07:06

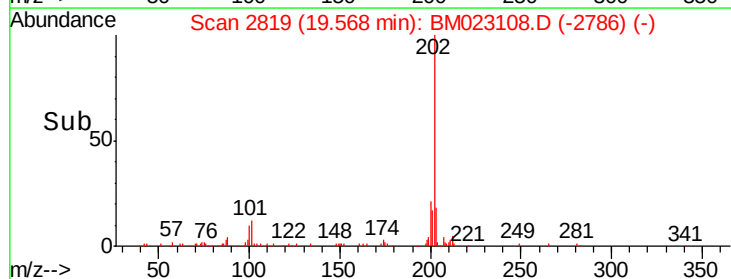
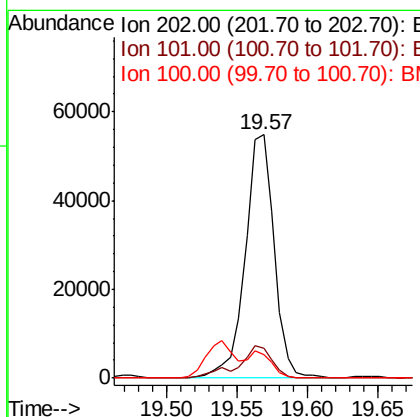
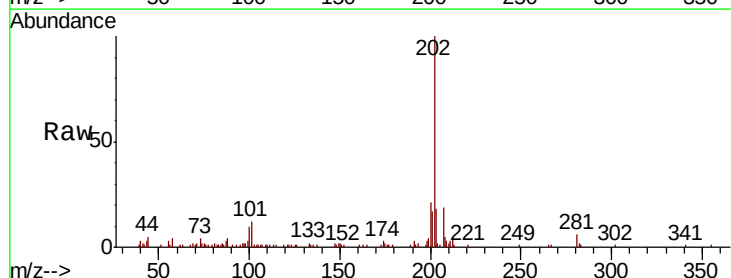
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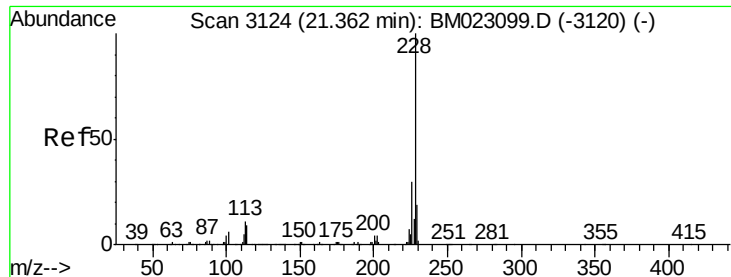
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.6	12.8
100	8.0	6.4	9.6



#80
 Pyrene
 Concen: 1.451 ng/ul
 RT: 19.57 min Scan# 2819
 Delta R.T. -0.01 min
 Lab File: BM023108.D
 Acq: 10 Oct 2019 07:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.6	7.8	11.8

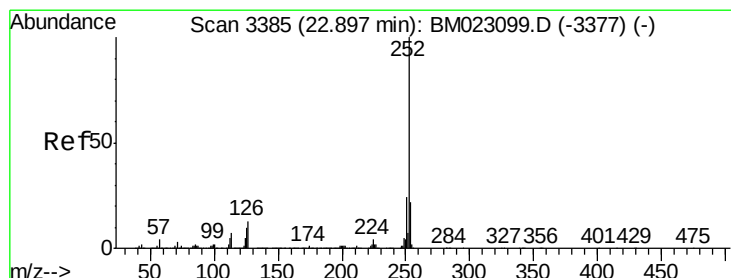
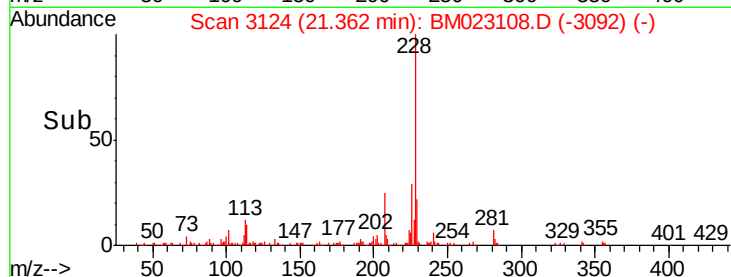
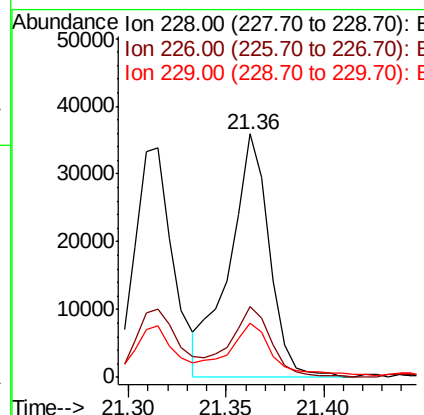
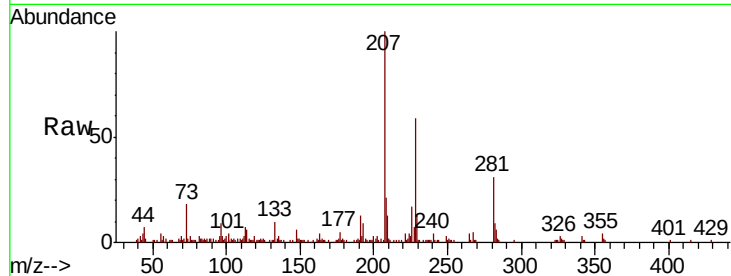




#85
Chrysene
Concen: 1.004 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM023108.D
Acq: 10 Oct 2019 07:06

Instrument :
BNA_M
ClientSampleId :
BEP07

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.4
229	22.0	15.9	23.9



#88
Benzo(b)fluoranthene
Concen: 1.155 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BM023108.D
Acq: 10 Oct 2019 07:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	17.0	8.2	12.2

