

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023398.D
 Acq On : 25 Oct 2019 06:36
 Operator : JU
 Sample : K5403-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB92

Quant Time: Oct 25 12:24:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	558055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2382548	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1647955	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3169893	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2185078	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2535737	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

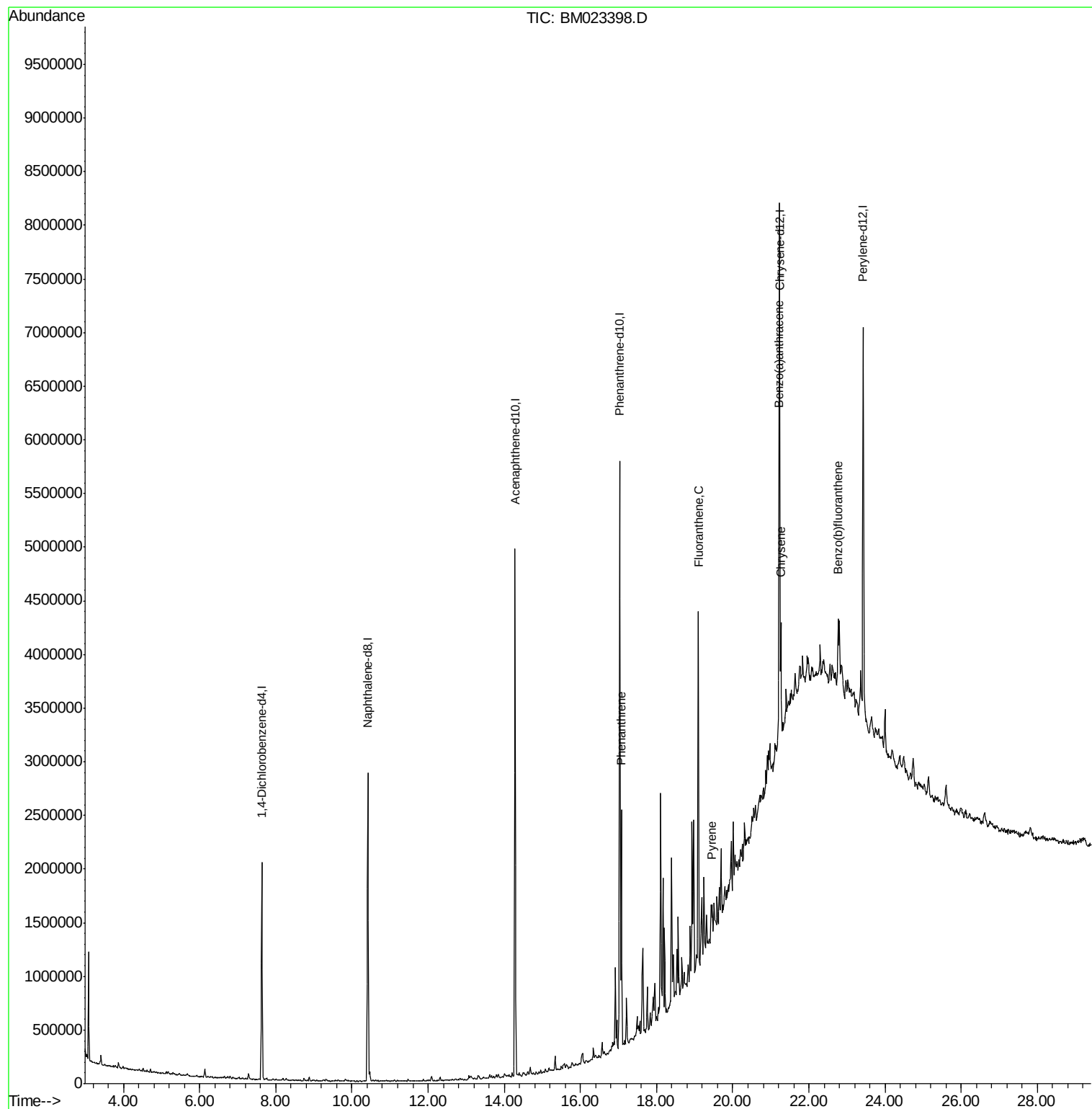
					Ovalue	
70) Phenanthrene	17.07	178	1285225	7.255	ng/ul	99
77) Fluoranthene	19.10	202	2055144	11.122	ng/ul	99
80) Pyrene	19.46	202	192502	1.248	ng/ul	99
83) Benzo(a)anthracene	21.21	228	305715	2.092	ng/ul	97
85) Chrysene	21.26	228	654577	4.854	ng/ul	98
88) Benzo(b)fluoranthene	22.77	252	426119	2.616	ng/ul#	85

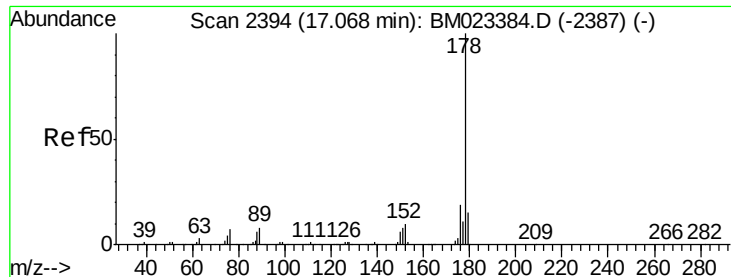
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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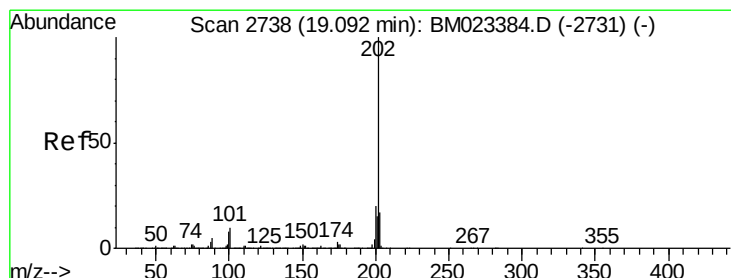
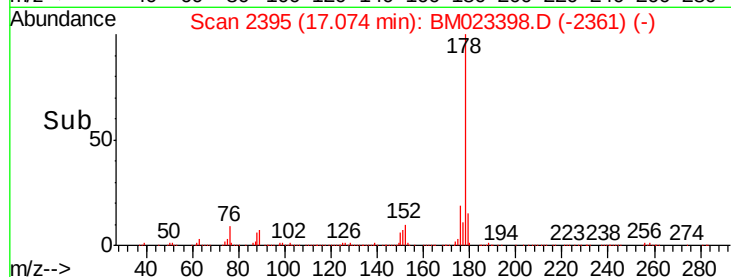
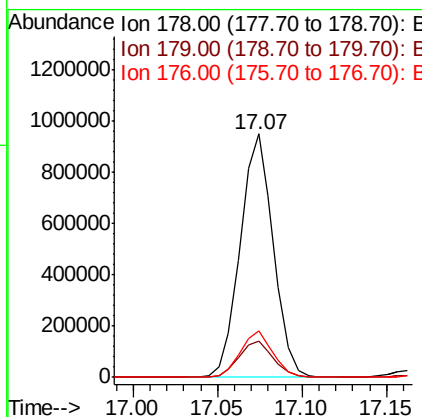
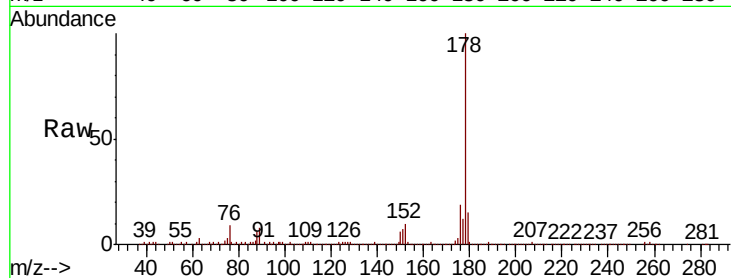




#70
Phenanthrene
Concen: 7.255 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM023398.D
Acq: 25 Oct 2019 06:36

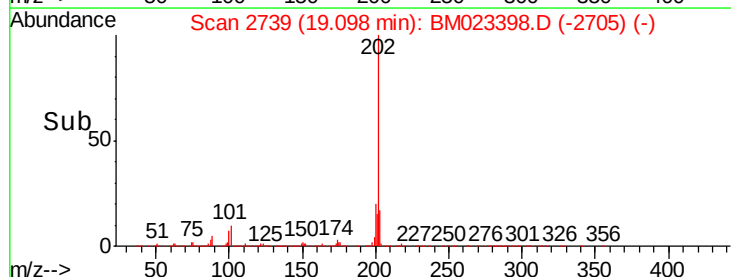
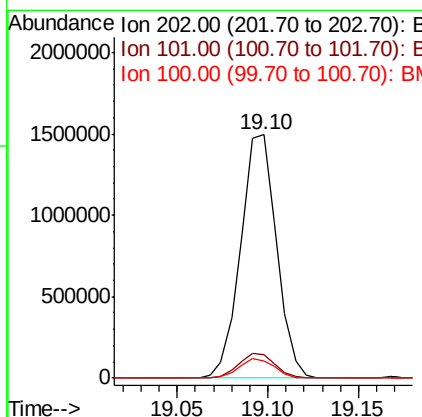
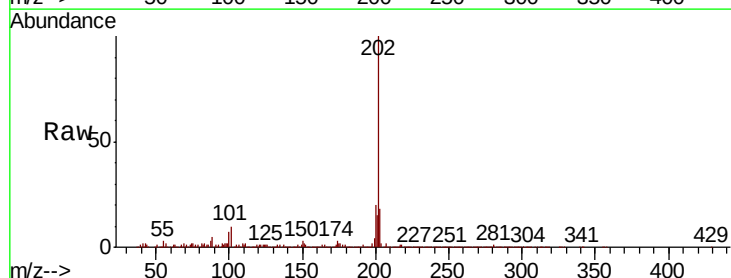
Instrument :
BNA_M
ClientSampleId :
BFB92

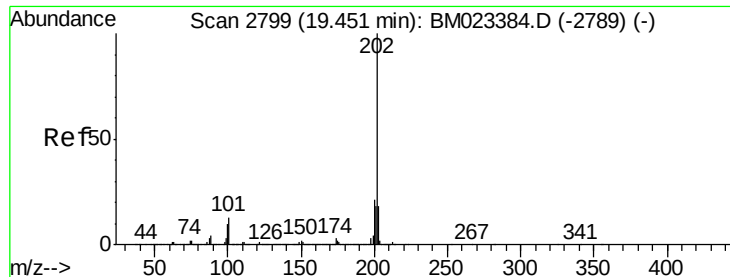
Tot Ion:178 Resp: 1285225
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.1 14.9 22.3



#77
Fluoranthene
Concen: 11.122 ng/ul
RT: 19.10 min Scan# 2739
Delta R.T. -0.00 min
Lab File: BM023398.D
Acq: 25 Oct 2019 06:36

Tgt Ion:202 Resp: 2055144
Ion Ratio Lower Upper
202 100
101 9.9 8.1 12.1
100 7.2 6.2 9.2

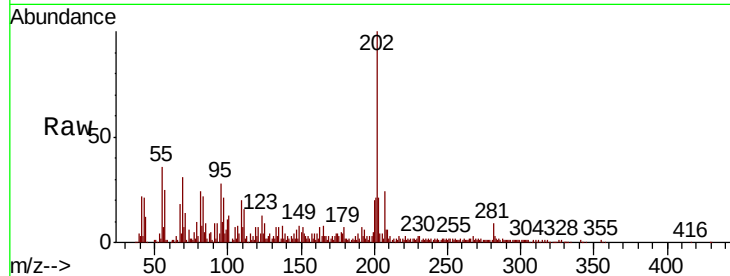




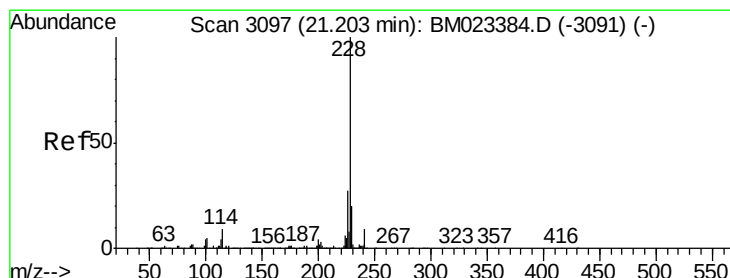
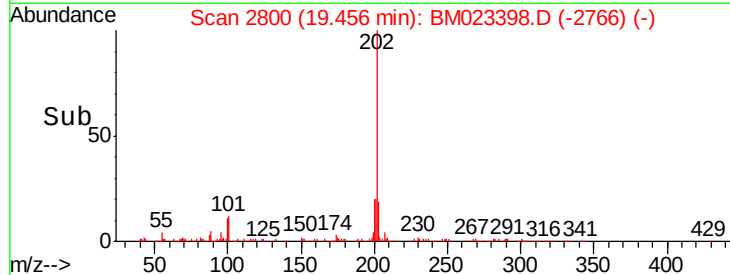
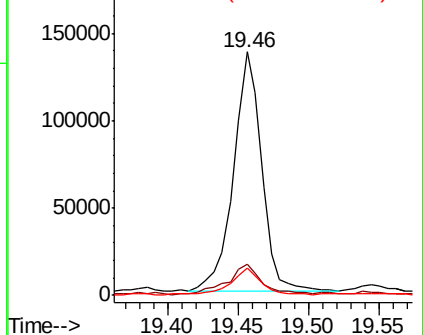
#80
 Pvrene
 Concen: 1.248 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BM023398.D
 Acq: 25 Oct 2019 06:36

Instrument :
 BNA_M
 ClientSampleId :
 BFB92

Tot Ion:	202	Resp:	192502
Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.0	15.0
100	11.1	8.3	12.5

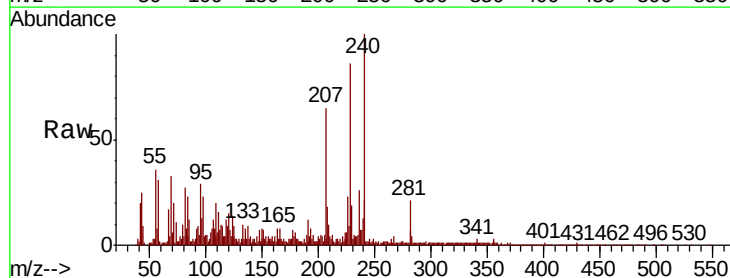


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

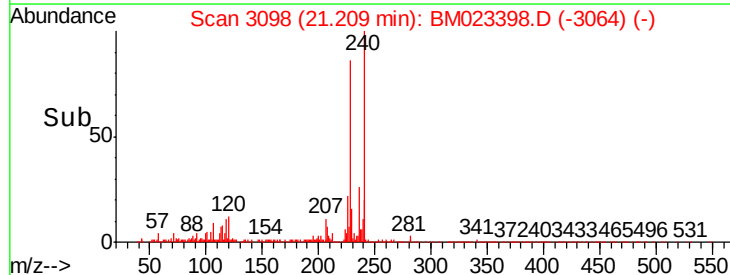
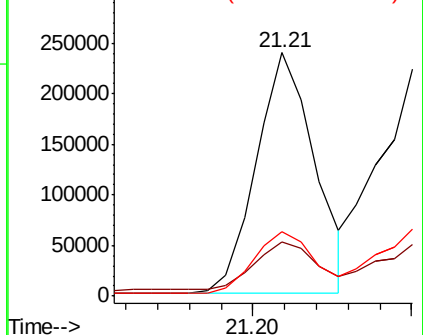


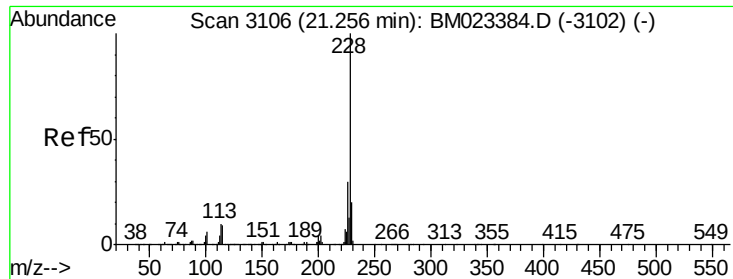
#83
 Benzo(a)anthracene
 Concen: 2.092 ng/ul
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM023398.D
 Acq: 25 Oct 2019 06:36

Tgt Ion:	228	Resp:	305715
Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.8	23.8
226	26.4	21.6	32.4



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

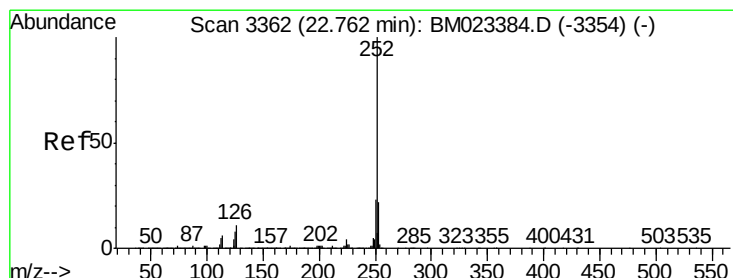
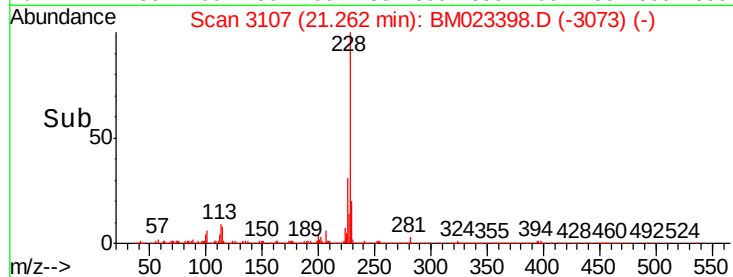
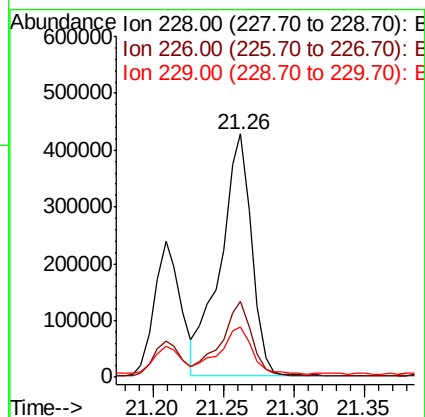
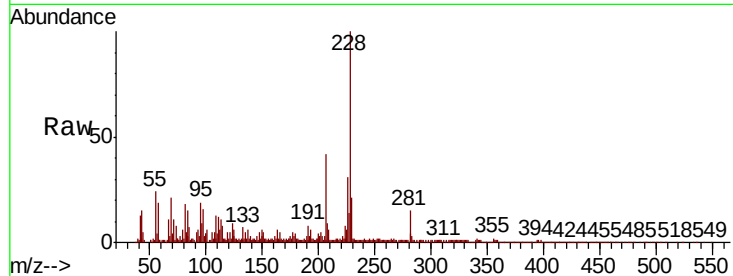




#85
Chrysene
Concen: 4.854 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM023398.D
Acq: 25 Oct 2019 06:36

Instrument :
BNA_M
ClientSampled :
BFB92

Tot	Ion:228	Resp:	654577
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	20.8	16.0	24.0



#88
Benzo(b)fluoranthene
Concen: 2.616 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM023398.D
Acq: 25 Oct 2019 06:36

Tgt	Ion:252	Resp:	426119
Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	19.4	7.1	10.7#

