

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
 Data File : BM020887.D
 Acq On : 11 Jun 2019 22:54
 Operator : HP/JU
 Sample : K3199-10
 Misc : GCMS CONFIRMATION
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 04:03:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	408046	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1626247	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	933349	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1754422	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1260080	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1533439	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	165	0.02	ng/uL	0.01
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.27	67	343	0.02	ng/ul	0.12
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	10.60	131	2155	0.08	ng/ul	-0.14
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.44	176	4206	0.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	6168	0.08	ng/ul	0.00
78) Pyrene-d10	19.59	212	906	0.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.65	264	1520238	21.81	ng/ul	0.14

Target Compounds

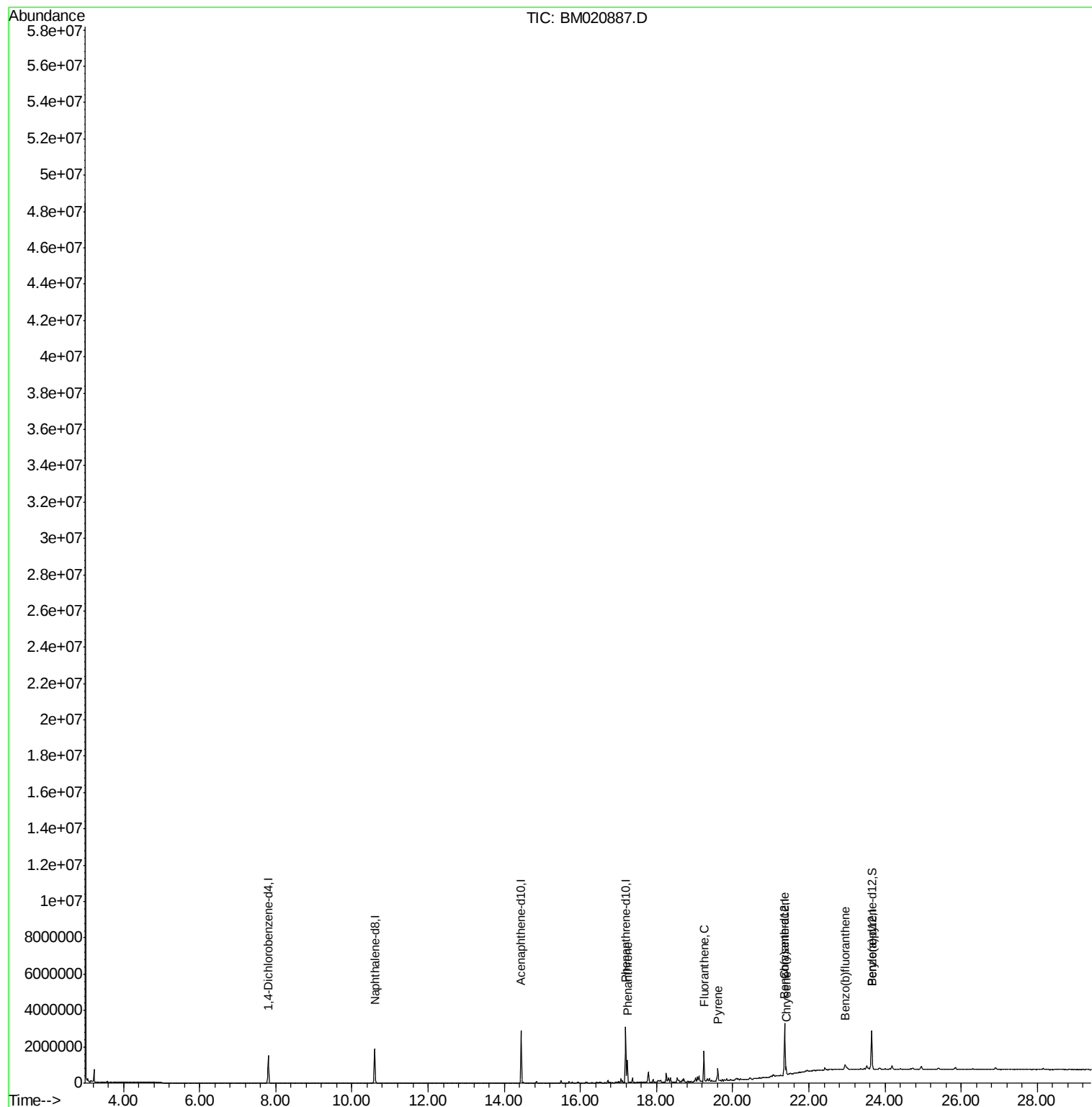
				Ovalue	
69) Phenanthrene	17.23	178	734736	8.321	ng/ul 99
76) Fluoranthene	19.24	202	939179	9.282	ng/ul 100
79) Pyrene	19.61	202	428979	5.515	ng/ul 98
82) Benzo(a)anthracene	21.35	228	214104	2.724	ng/ul 99
84) Chrysene	21.40	228	252661	3.464	ng/ul 98
87) Benzo(b)fluoranthene	22.96	252	180612	2.025	ng/ul# 96

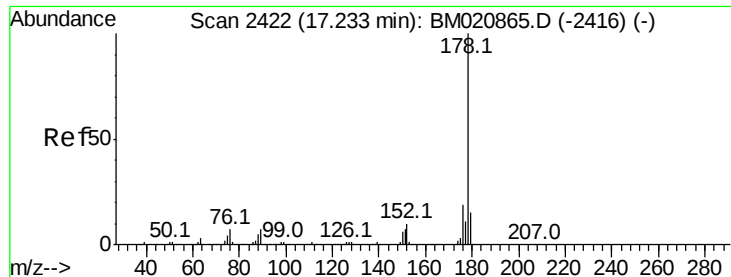
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 8.321 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020887.D

Acq: 11 Jun 2019 22:54

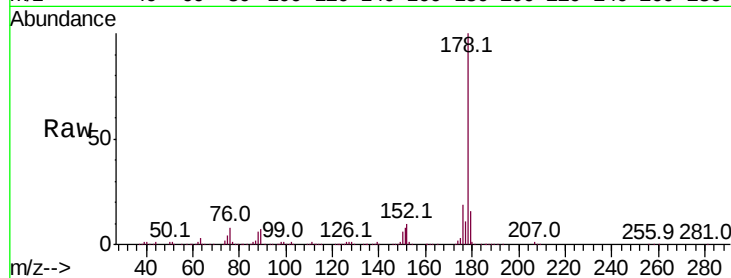
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 734736

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.9	14.8	22.2

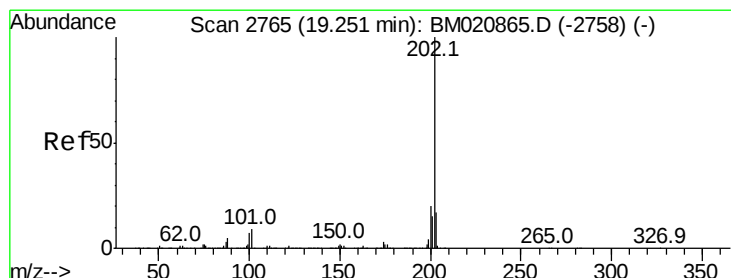
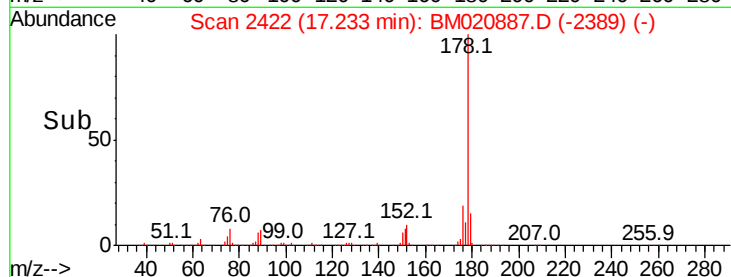
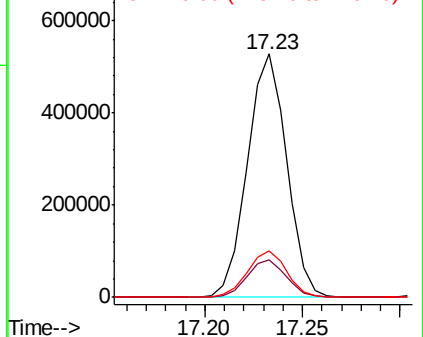


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 9.282 ng/ul

RT: 19.24 min Scan# 2764

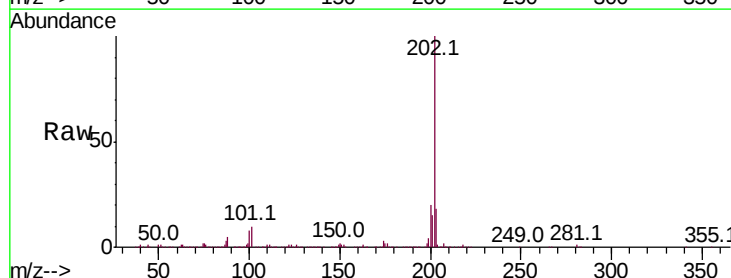
Delta R.T. -0.01 min

Lab File: BM020887.D

Acq: 11 Jun 2019 22:54

Tgt Ion:202 Resp: 939179

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.9	11.9
100	7.6	6.2	9.4

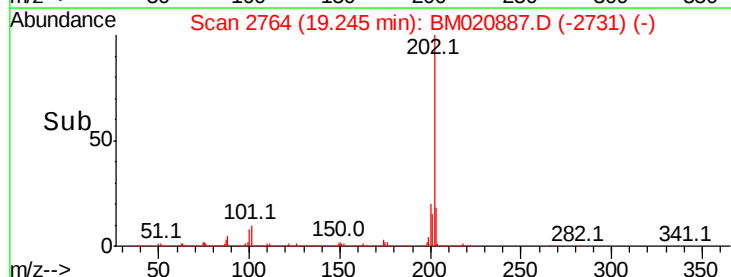
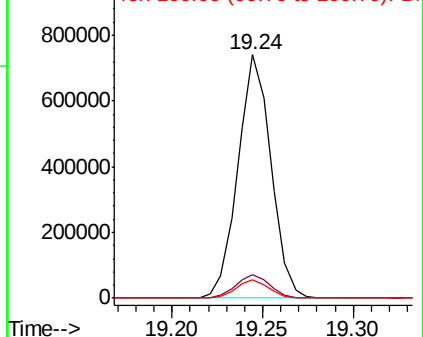


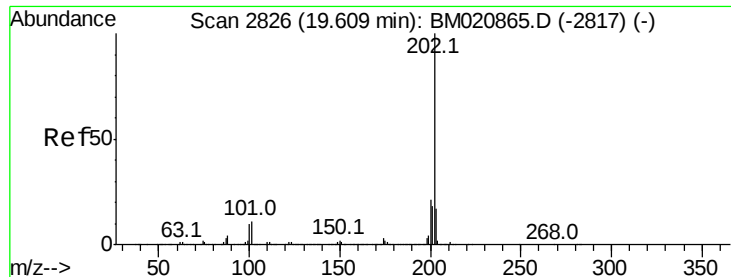
Abundance

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): E

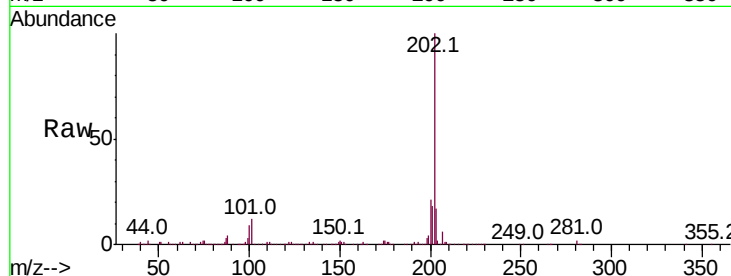




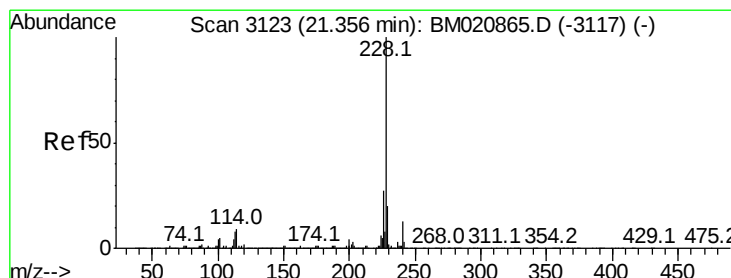
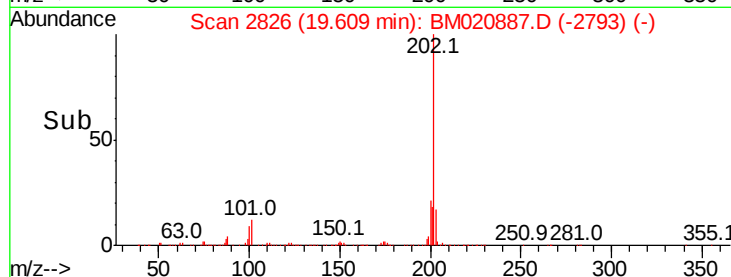
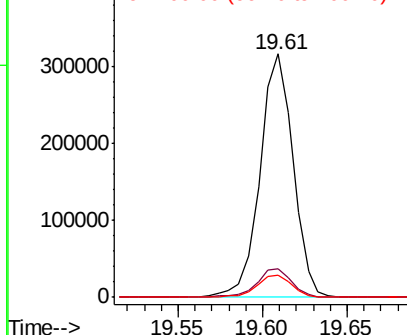
#79
Pvrene
Concen: 5.515 ng/ul
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM020887.D
Acq: 11 Jun 2019 22:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
100	9.2	8.0	12.0

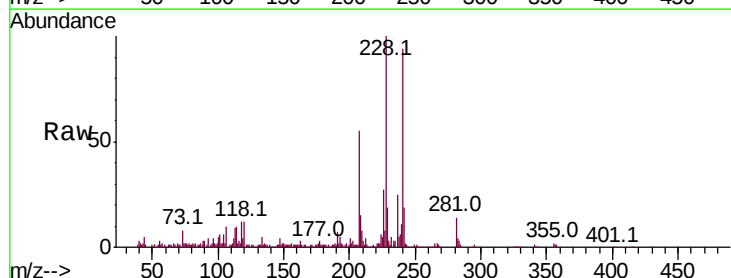


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

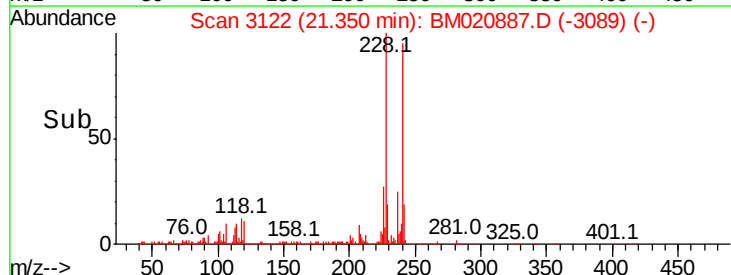
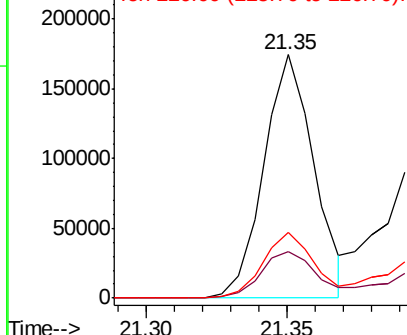


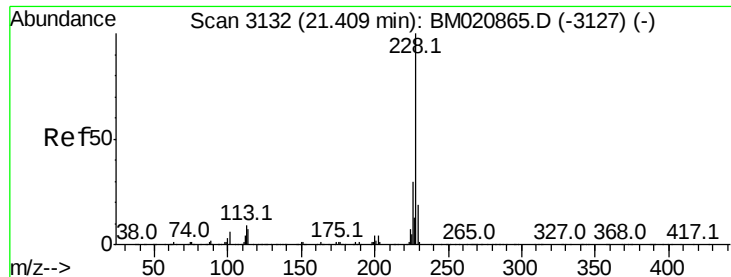
#82
Benzo(a)anthracene
Concen: 2.724 ng/ul
RT: 21.35 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BM020887.D
Acq: 11 Jun 2019 22:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.6	23.4
226	27.0	21.4	32.2



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

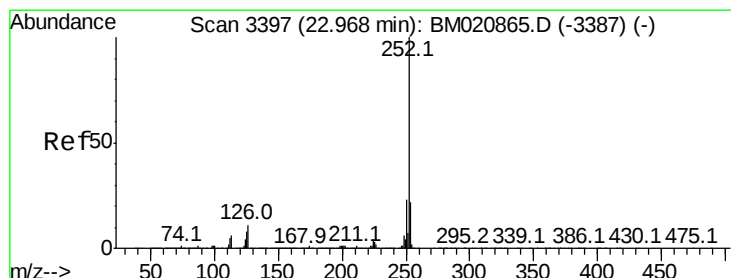
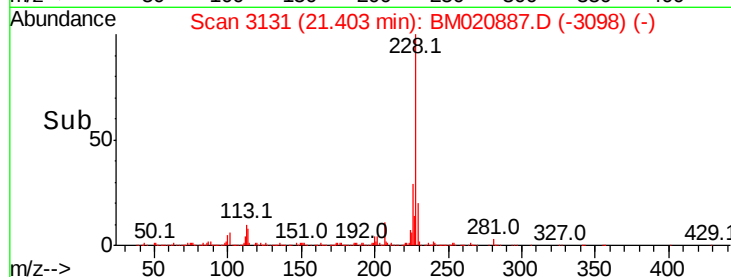
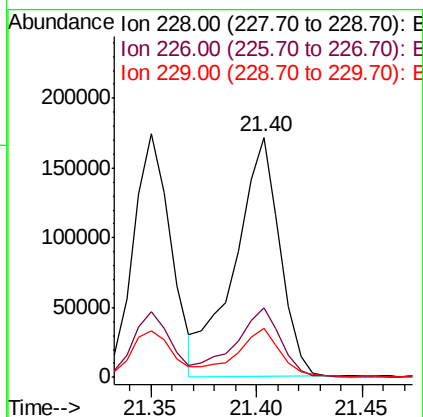
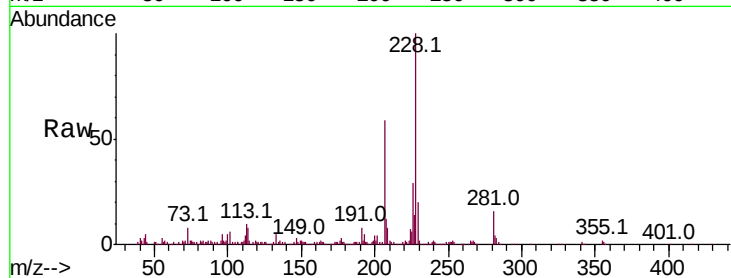




#84
Chrysene
Concen: 3.464 ng/ul
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM020887.D
Acq: 11 Jun 2019 22:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	228	Resp:	252661
Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.4	36.6
229	20.3	16.2	24.2



#87
Benzo(b)fluoranthene
Concen: 2.025 ng/ul
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM020887.D
Acq: 11 Jun 2019 22:54

Tgt Ion:	252	Resp:	180612
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	11.2	7.3	10.9#

