

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024181.D
 Acq On : 19 Dec 2019 19:22
 Operator : JU
 Sample : K6171-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 03:36:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	339553	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.20	136	1494155	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.10	164	872363	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.86	188	1592970	20.00	ng/ul	-0.01
78) Chrysene-d12	21.07	240	1337835	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1706200	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	15746	2.05	ng/uL	0.00
5) Phenol-d5	6.64	99	451465	14.04	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	288712	14.97	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.98	132	360252	15.71	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	322235	12.26	ng/ul	-0.01
19) Nitrobenzene-d5	8.59	128	165649	15.43	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	179151	15.18	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	338177	14.74	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.37	131	199986	7.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1080148	16.74	ng/ul	-0.01
47) Acenaphthylene-d8	13.79	160	1242008	16.07	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.36	143	90716	7.83	ng/ul	0.00
58) Fluorene-d10	15.10	176	907638	16.05	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	86627	8.91	ng/ul	0.00
71) Anthracene-d10	16.96	188	1213847	16.75	ng/ul	-0.01
79) Pyrene-d10	19.26	212	1259031	19.76	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.07	264	1577395	18.61	ng/ul	-0.01

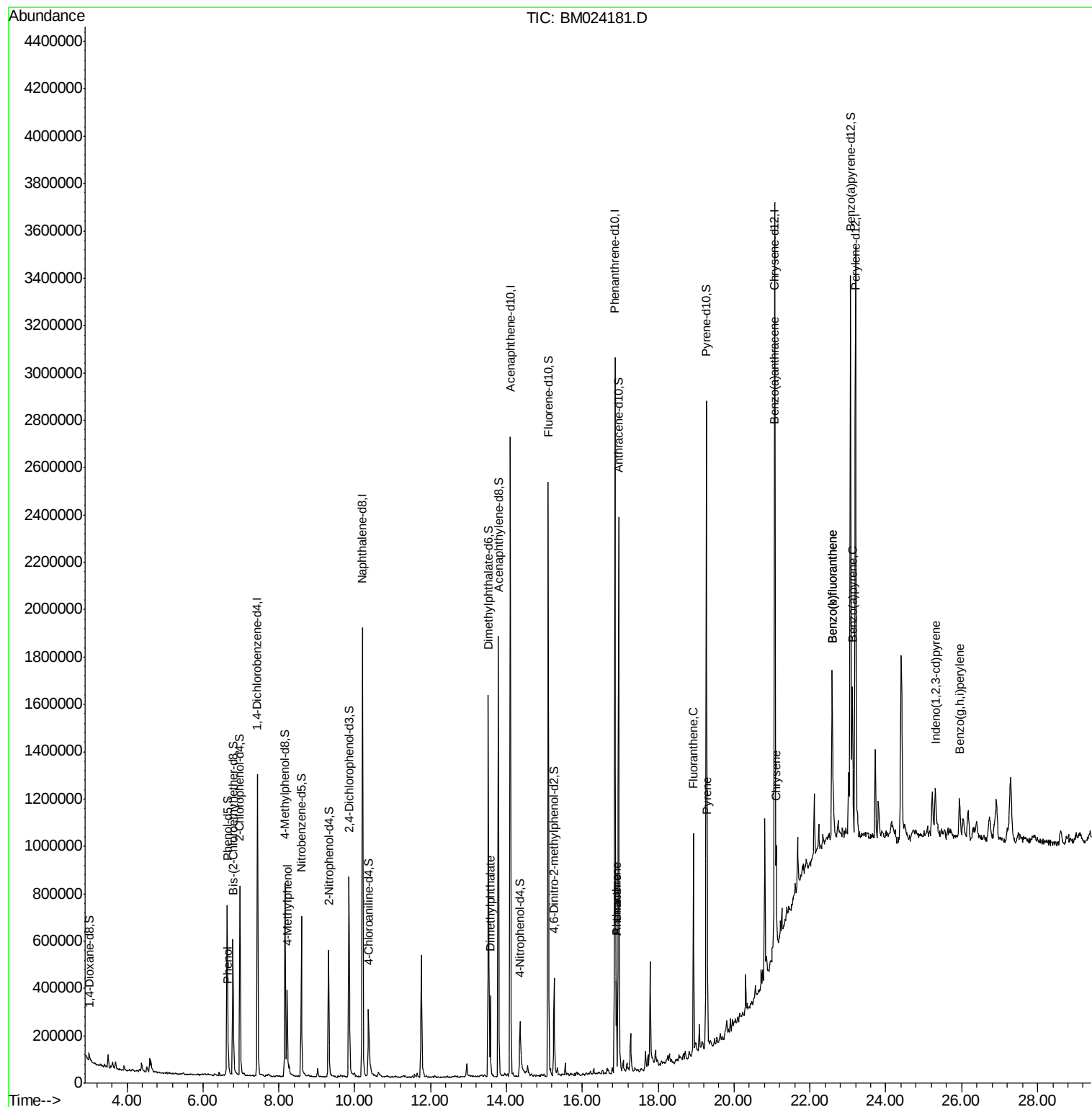
Target Compounds				Ovalue		
6) Phenol	6.66	94	34438	1.037	ng/ul	95
16) 4-Methylphenol	8.22	108	137768	5.027	ng/ul	88
45) Dimethylphthalate	13.57	163	218806	3.264	ng/ul	100
70) Phenanthrene	16.90	178	202530	2.271	ng/ul	98
72) Anthracene	16.90	178	203701	2.272	ng/ul	98
77) Fluoranthene	18.93	202	510980	5.257	ng/ul	99
80) Pyrene	19.29	202	416057	4.764	ng/ul	99
83) Benzo(a)anthracene	21.06	228	189258	2.220	ng/ul	99
85) Chrysene	21.11	228	230710	2.761	ng/ul	97
88) Benzo(b)fluoranthene	22.57	252	373310	3.657	ng/ul#	96
89) Benzo(k)fluoranthene	22.57	252	373310	3.727	ng/ul	97
91) Benzo(a)pyrene	23.11	252	227048	2.458	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.30	276	189763	1.711	ng/ul	95
94) Benzo(g,h,i)perylene	25.94	276	203186	2.244	ng/ul	98

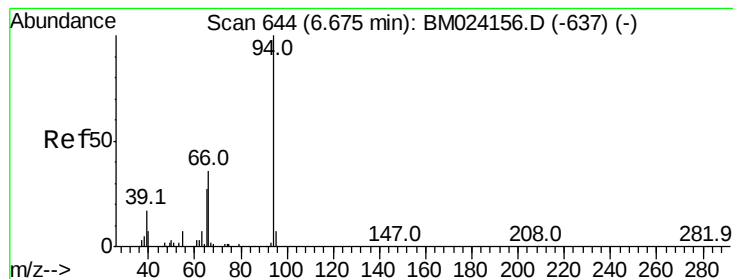
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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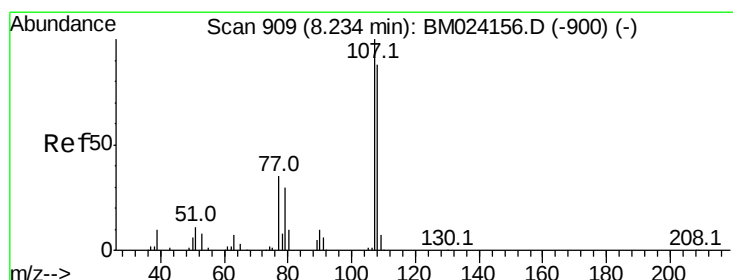
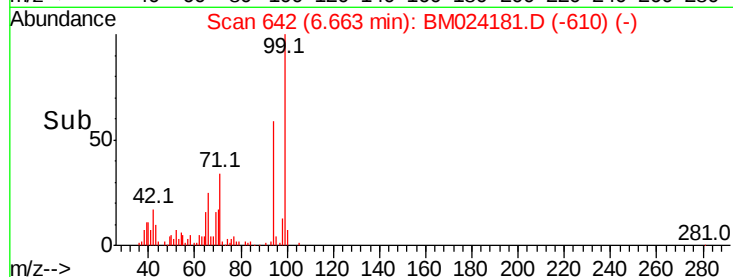
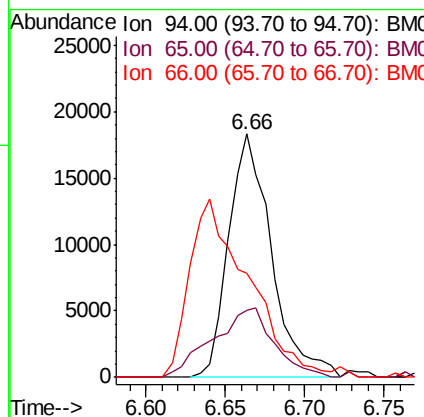
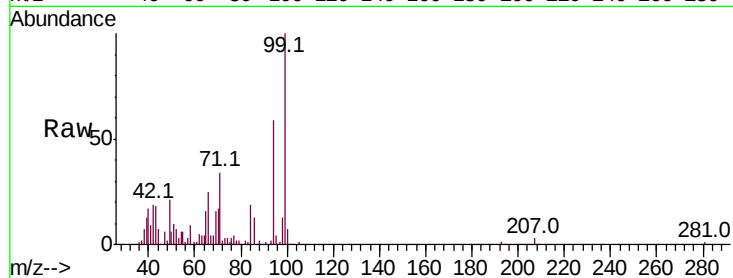
#6

Phenol

Concen: 1.037 ng/ul
 RT: 6.66 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BM024181.D
 Acq: 19 Dec 2019 19:22

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 94 Resp: 34438
 Ion Ratio Lower Upper
 94 100
 65 27.5 22.6 33.8
 66 42.8 30.7 46.1

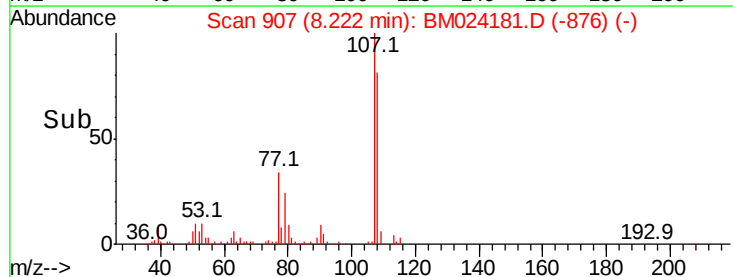
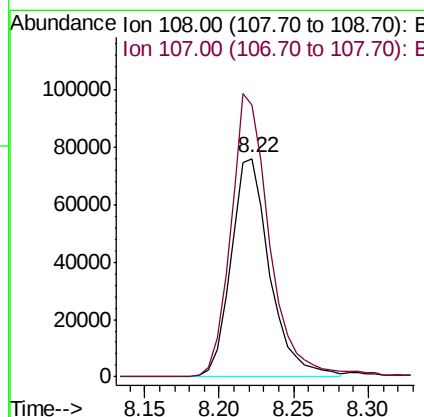
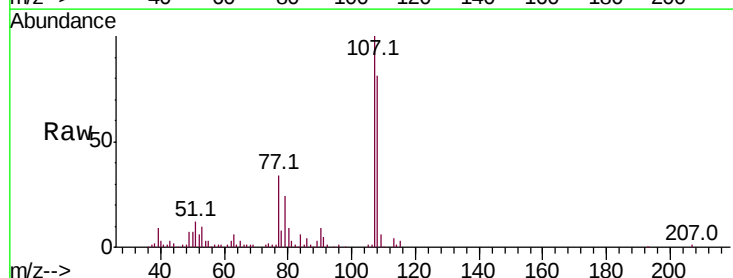


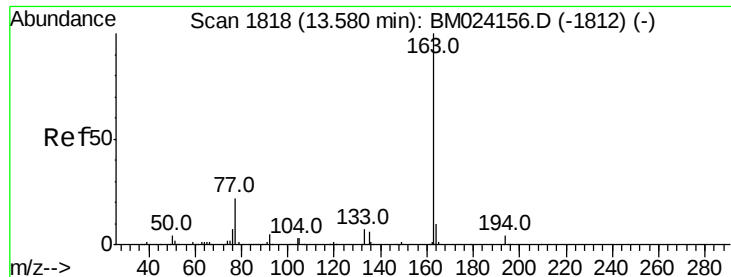
#16

4-Methylphenol

Concen: 5.027 ng/ul
 RT: 8.22 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BM024181.D
 Acq: 19 Dec 2019 19:22

Tgt Ion: 108 Resp: 137768
 Ion Ratio Lower Upper
 108 100
 107 124.2 89.1 133.7

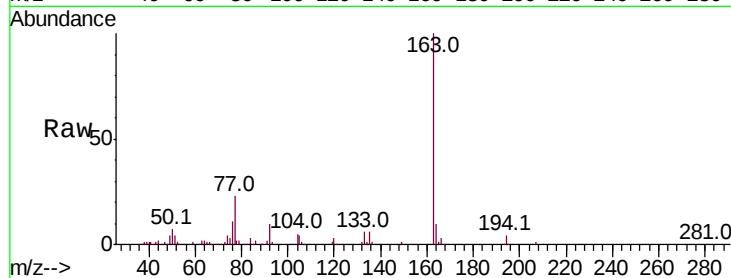




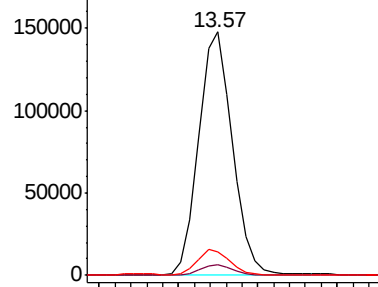
#45
Dimethylphthalate
Concen: 3.264 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM024181.D
Acq: 19 Dec 2019 19:22

Instrument :
BNA_M
ClientSampleId :

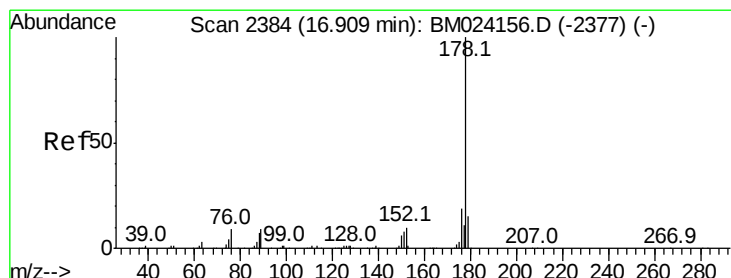
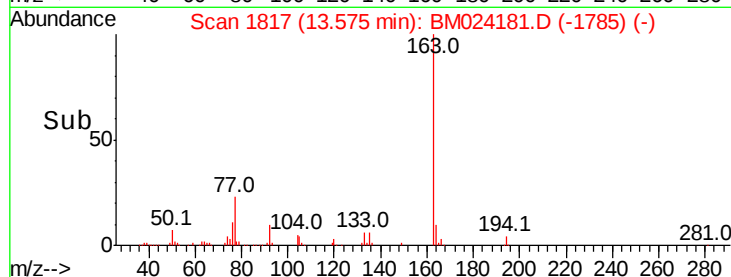
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.6	7.8	11.6



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

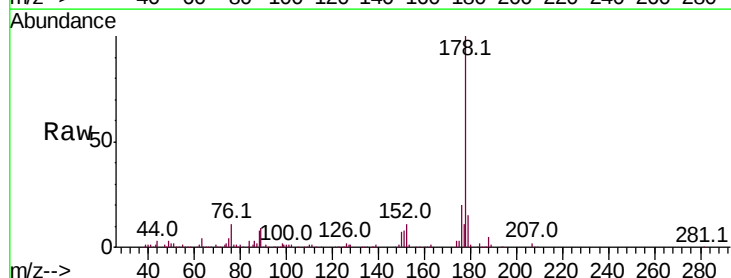


Time-->

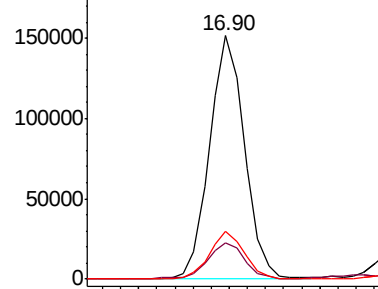


#70
Phenanthrene
Concen: 2.271 ng/ul
RT: 16.90 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM024181.D
Acq: 19 Dec 2019 19:22

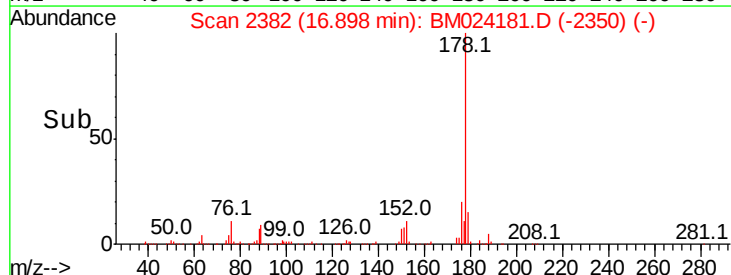
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	19.6	15.1	22.7

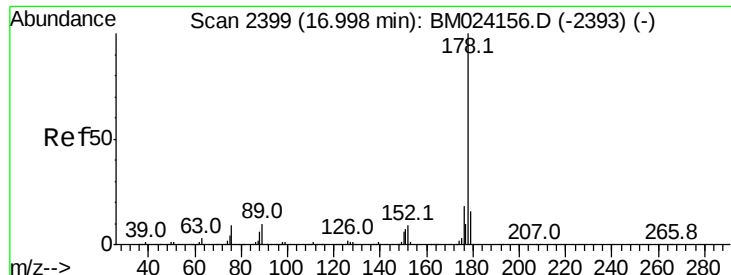


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->

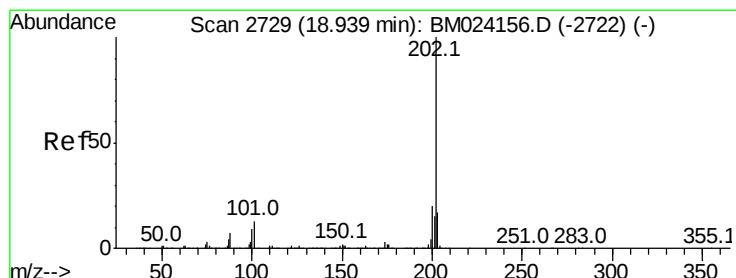
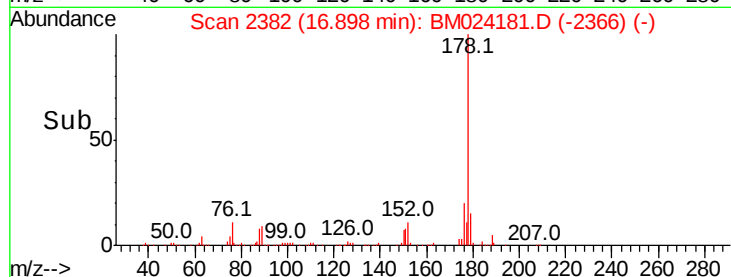
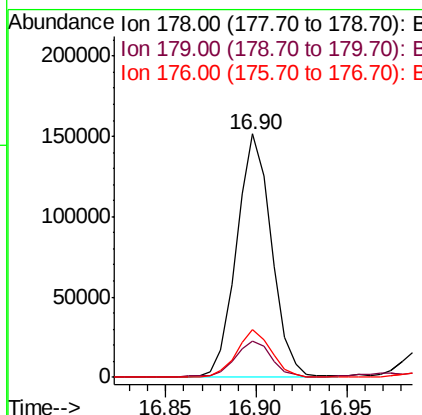
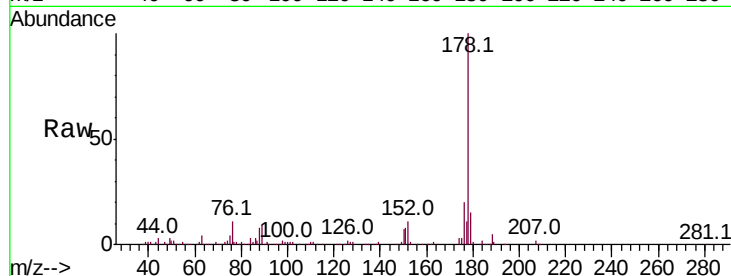




#72
 Anthracene
 Concen: 2.272 ng/ul
 RT: 16.90 min Scan# 2382
 Delta R.T. -0.11 min
 Lab File: BM024181.D
 Acq: 19 Dec 2019 19:22

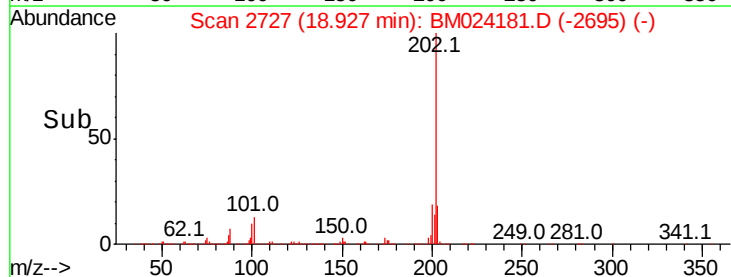
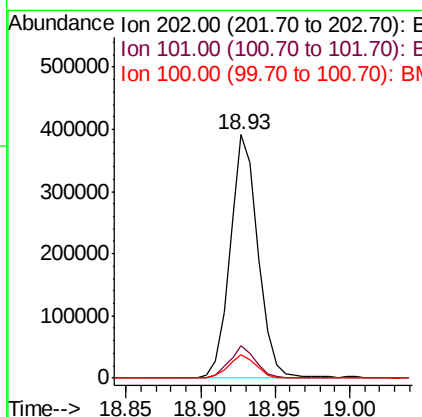
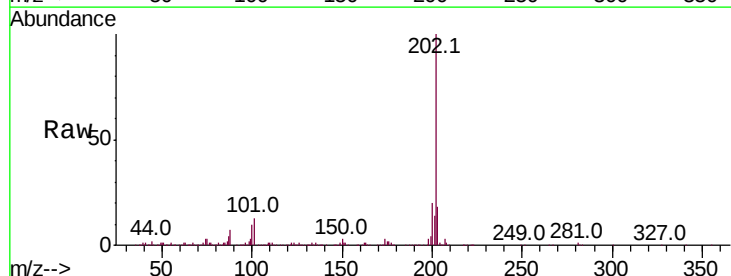
Instrument :
 BNA_M
 ClientSampleId :

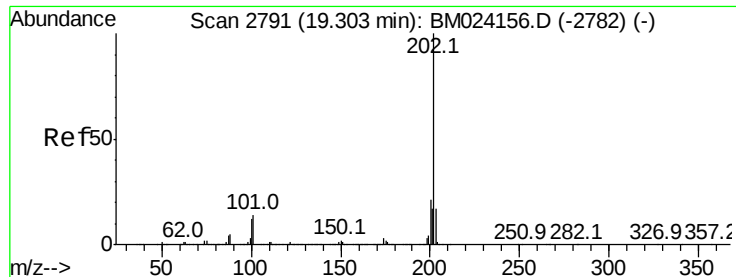
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.6	14.7	22.1



#77
 Fluoranthene
 Concen: 5.257 ng/ul
 RT: 18.93 min Scan# 2727
 Delta R.T. -0.01 min
 Lab File: BM024181.D
 Acq: 19 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
100	9.7	8.1	12.1

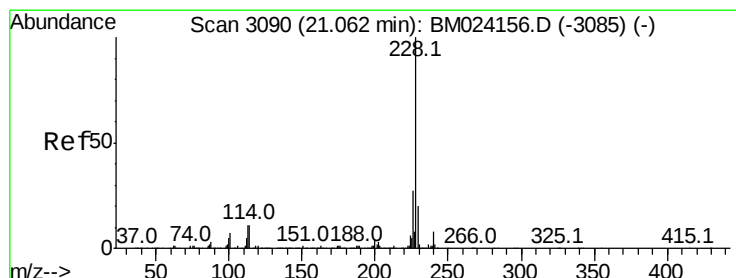
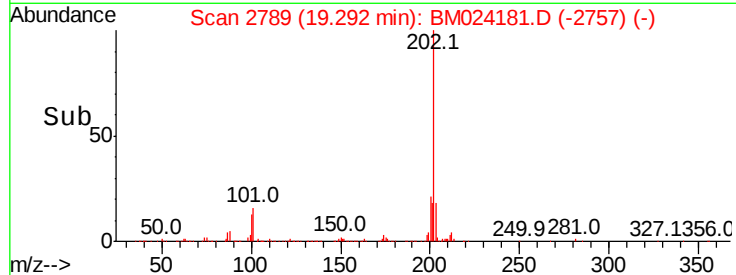
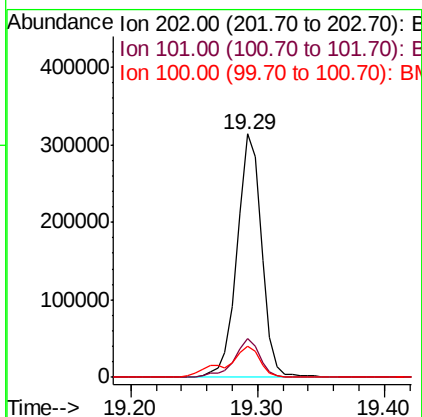
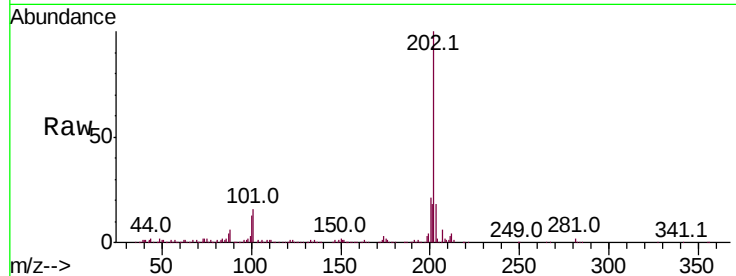




#80
Pvrene
Concen: 4.764 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM024181.D
Acq: 19 Dec 2019 19:22

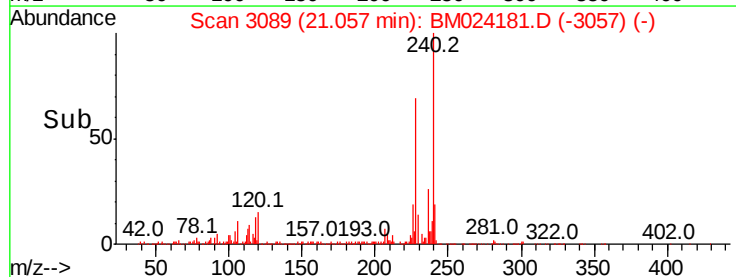
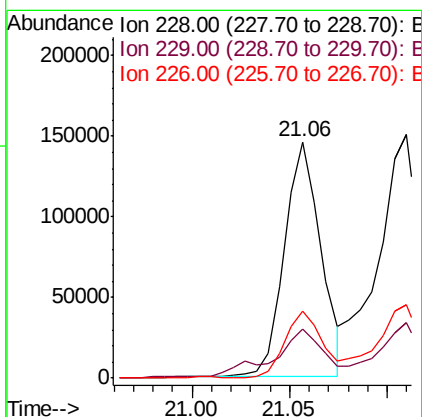
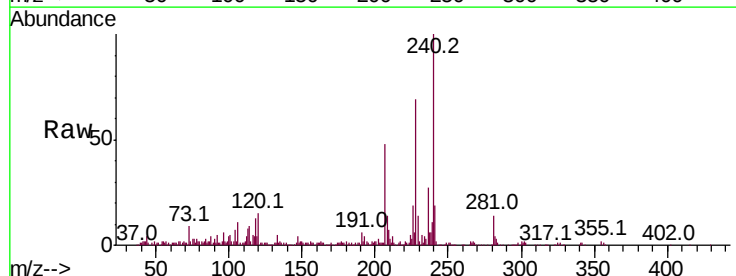
Instrument :
BNA_M
ClientSampleId :

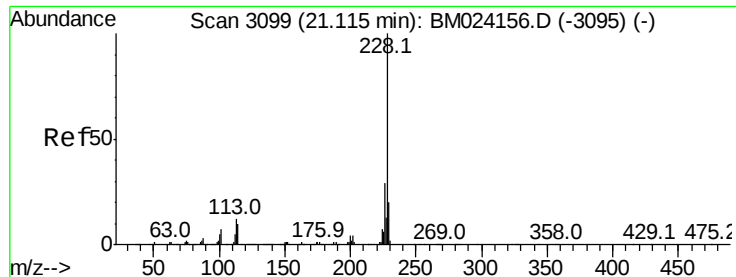
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.2	18.4
100	12.9	10.0	15.0



#83
Benzo(a)anthracene
Concen: 2.220 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024181.D
Acq: 19 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	28.2	22.2	33.2





#85

Chrysene

Concen: 2.761 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM024181.D

Acq: 19 Dec 2019 19:22

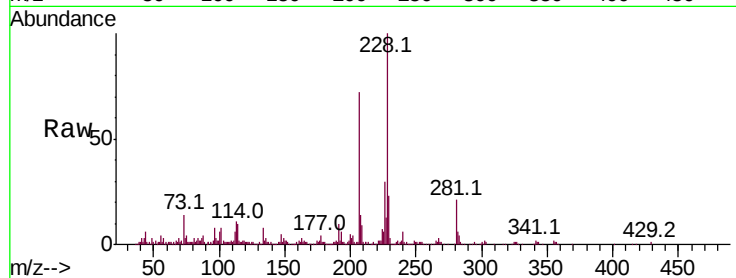
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 230710

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	22.6	15.4	23.2

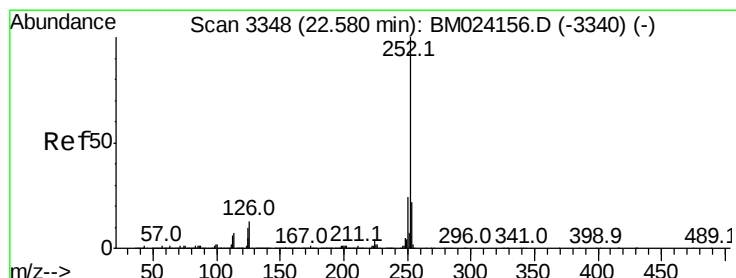
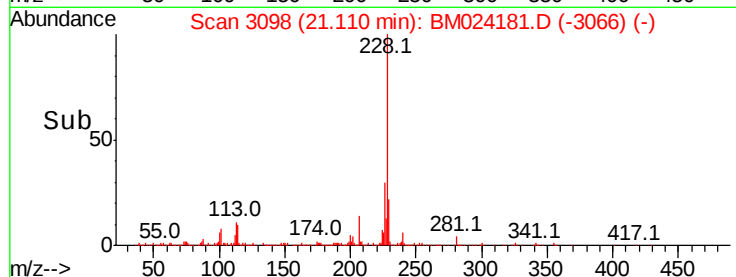
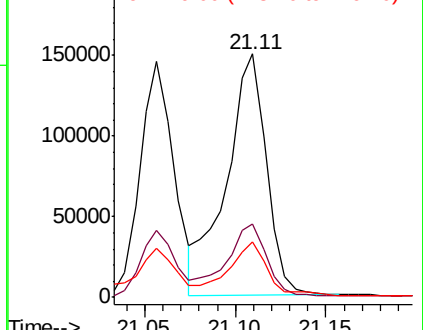


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 3.657 ng/ul

RT: 22.57 min Scan# 3347

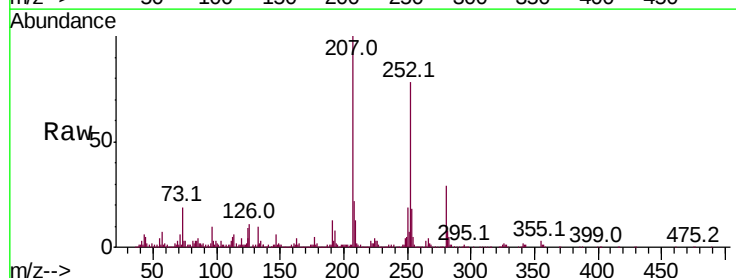
Delta R.T. -0.01 min

Lab File: BM024181.D

Acq: 19 Dec 2019 19:22

Tgt Ion:252 Resp: 373310

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	11.8	7.8	11.8#

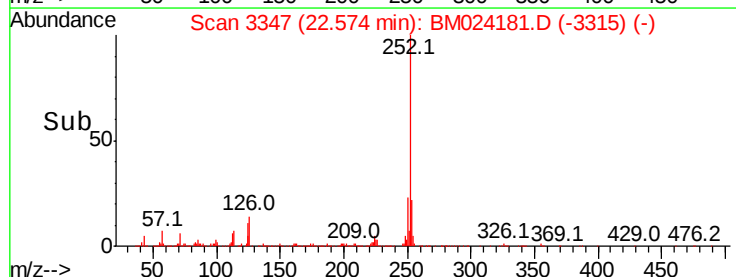
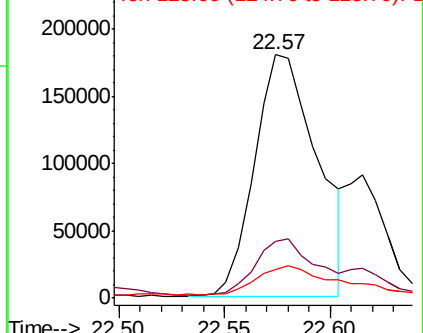


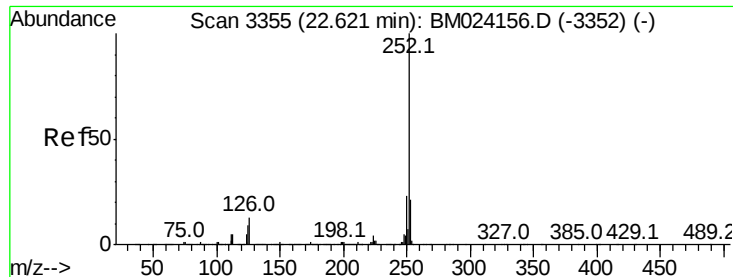
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 3.727 ng/ul

RT: 22.57 min Scan# 3347

Delta R.T. -0.05 min

Lab File: BM024181.D

Acq: 19 Dec 2019 19:22

Instrument :

BNA_M

ClientSampled :

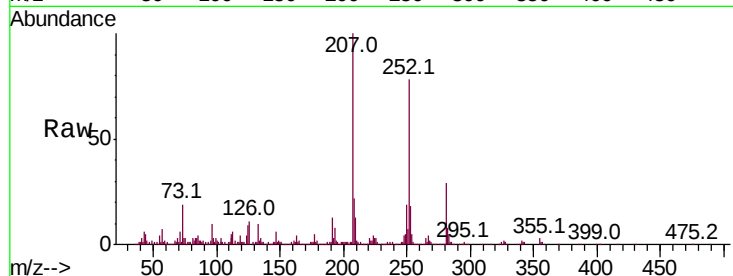
Tot Ion:252 Resp: 373310

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

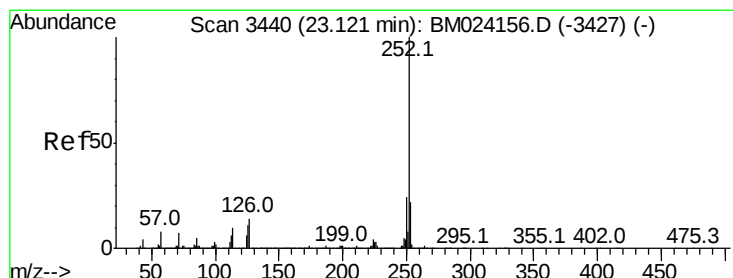
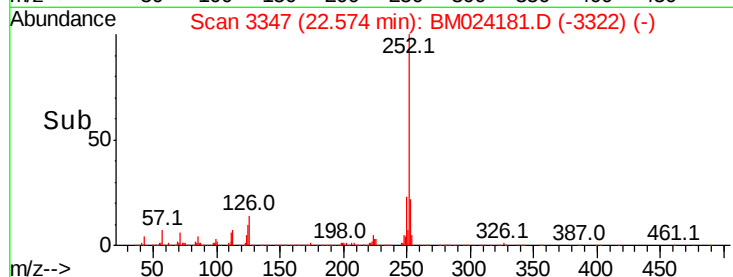
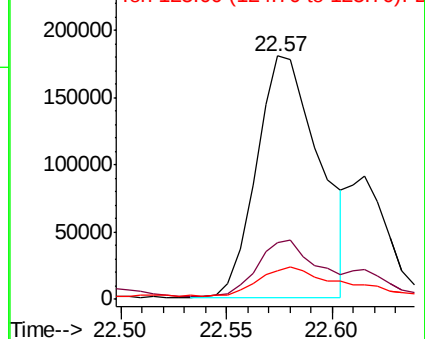
125 11.8 7.9 11.9



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



#91

Benzo(a)pyrene

Concen: 2.458 ng/ul

RT: 23.11 min Scan# 3438

Delta R.T. -0.02 min

Lab File: BM024181.D

Acq: 19 Dec 2019 19:22

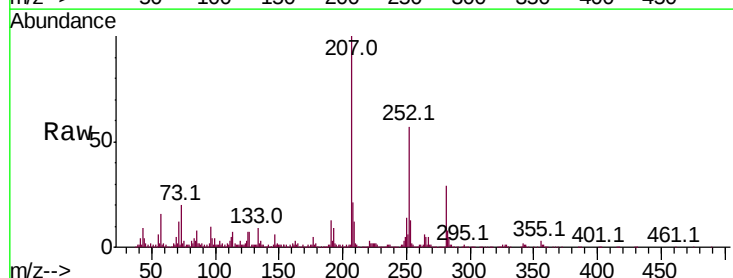
Tgt Ion:252 Resp: 227048

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

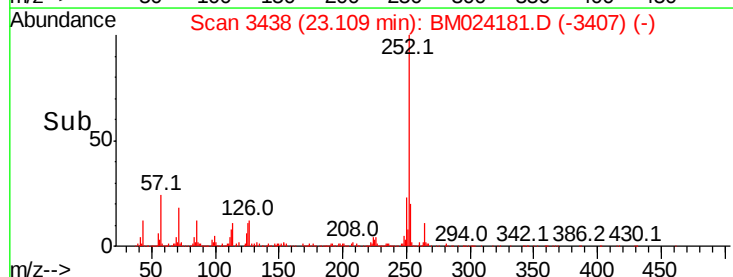
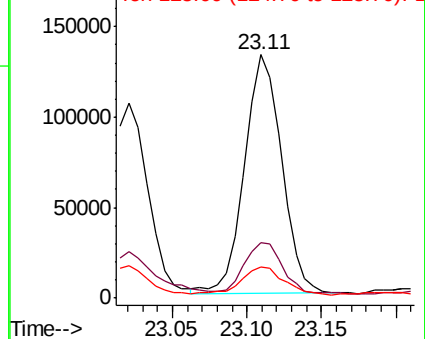
125 12.8 8.2 12.4#

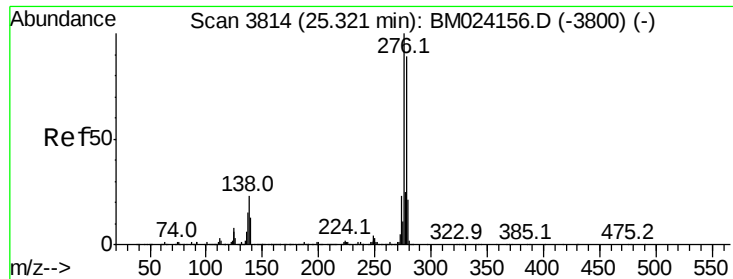


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



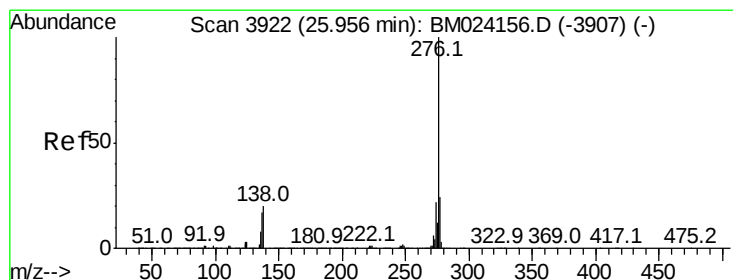
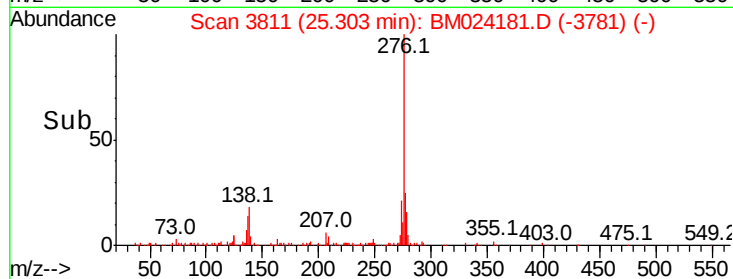
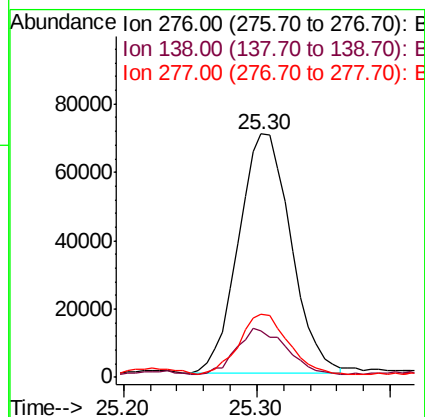
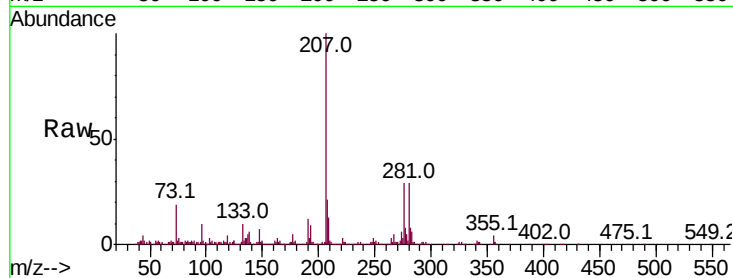


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.711 ng/ul
RT: 25.30 min Scan# 3811
Delta R.T. -0.02 min
Lab File: BM024181.D
Acq: 19 Dec 2019 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.3	27.5
277	26.0	20.2	30.2



#94

Benzo(g,h,i)perylene
Concen: 2.244 ng/ul
RT: 25.94 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BM024181.D
Acq: 19 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.3	22.9
277	24.3	19.3	28.9

