Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\
Data File : BM030587.D
Acq On : 24 Jun 2021 22:18
Operator : CG/JU
Sample : M2662-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD93

Quant Time: Jun 25 02:27:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3635	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	14998	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	9534	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	18938	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	14998	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	14220	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12978	3.34	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	5265	0.22	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	13360	0.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	116	0.029	ng/ul#	36
5) Naphthalene	10.63	128	1589	0.036	ng/ul#	86
19) Fluoranthene	19.21	202	2268	0.033	ng/ul#	67
20) Pyrene	19.57	202	2734	0.039	ng/ul#	74
21) Benzo(a)anthracene	21.31	228	1306	0.022	ng/ul#	67
24) Benzo(b)fluoranthene	22.90	252	2125	0.034	ng/ul#	1
25) Benzo(k)fluoranthene	22.90	252	2125	0.033	ng/ul#	1
26) Benzo(a)pyrene	23.48	252	1102	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	26.57	276	1280	0.021	ng/ul#	43

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

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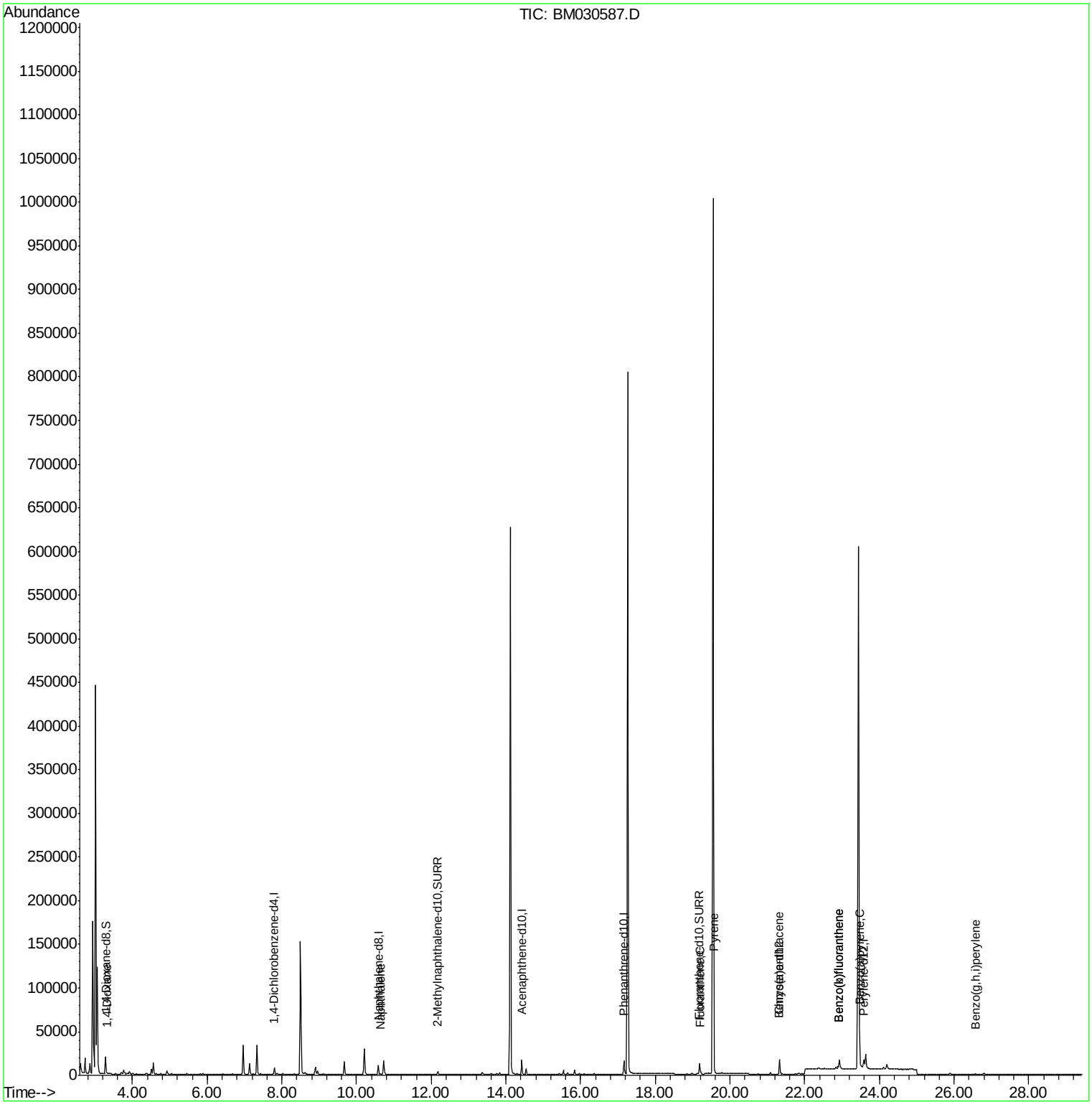
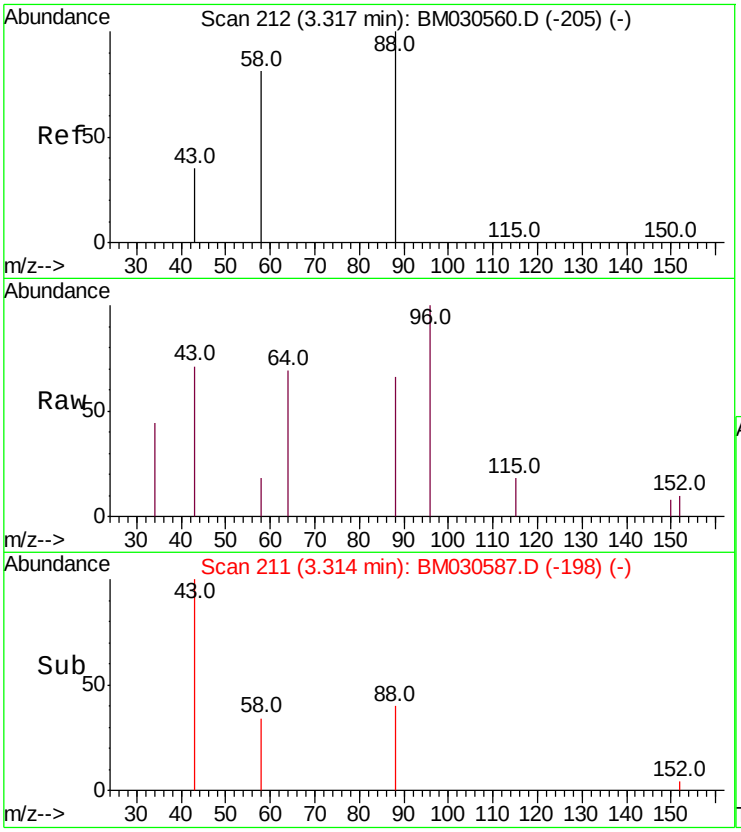


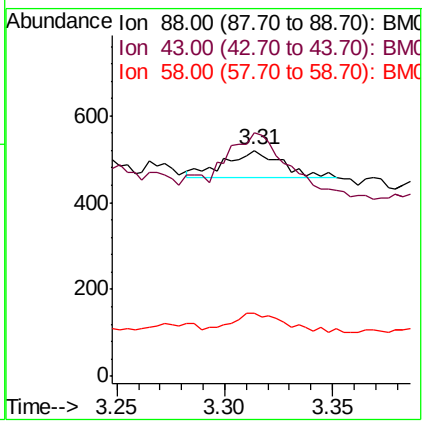


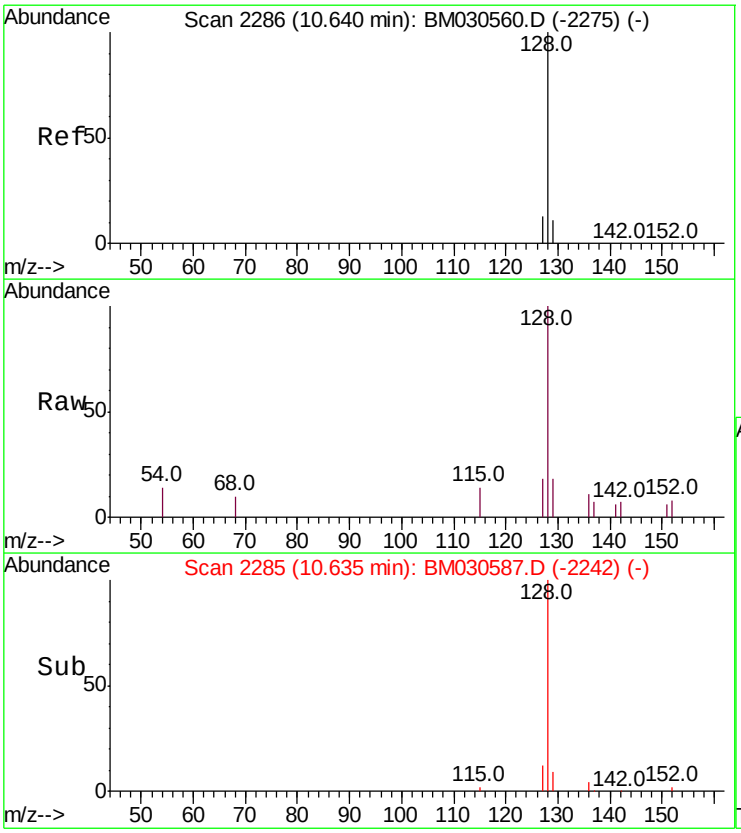
#2
1,4-Dioxane
Concen: 0.029 ng/ul
RT: 3.31 min Scan# 211
Delta R.T. -0.00 min
Lab File: BM030587.D
Acq: 24 Jun 2021 22:18

Instrument :
BNA_M
ClientSampleId :
BGD93

Tgt Ion: 88 Resp: 116

Ion	Ratio	Lower	Upper
88	100		
43	107.7	37.7	56.5#
58	28.0	48.5	72.7#

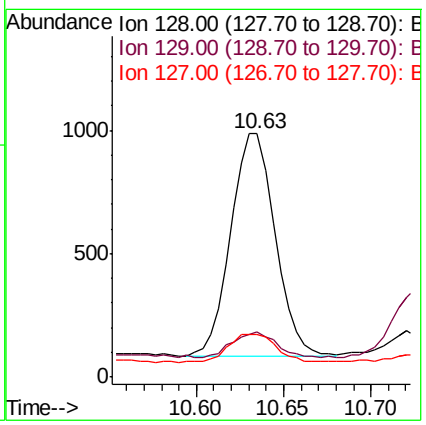


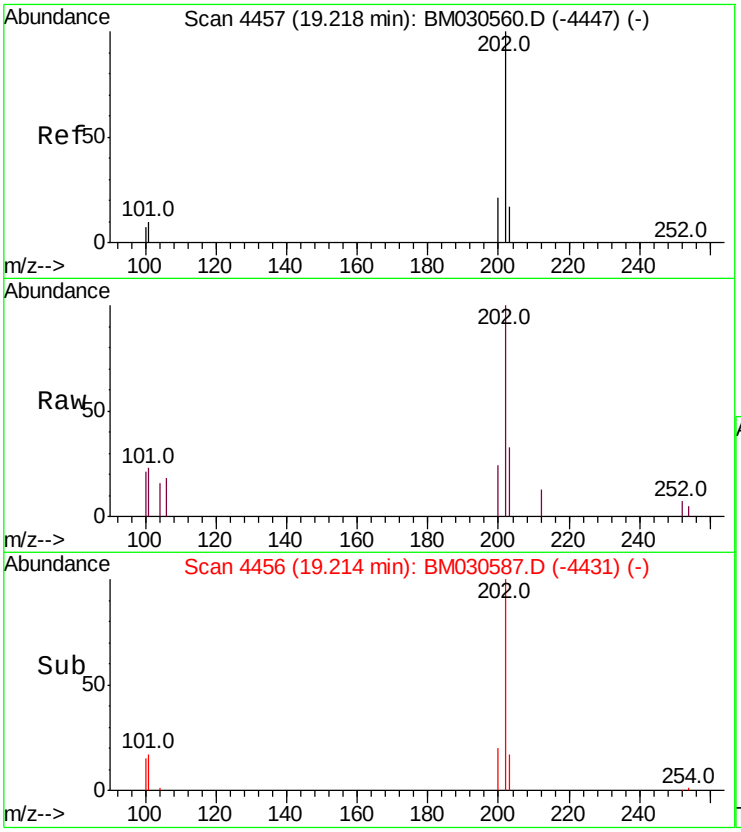


#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.63 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BM030587.D
Acq: 24 Jun 2021 22:18

Tgt Ion:128 Resp: 1589

Ion	Ratio	Lower	Upper
128	100		
129	18.3	9.0	13.6#
127	17.5	10.9	16.3#



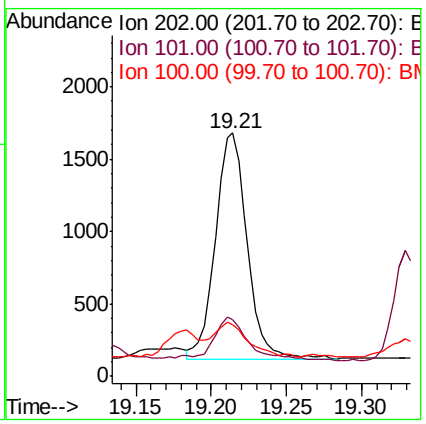


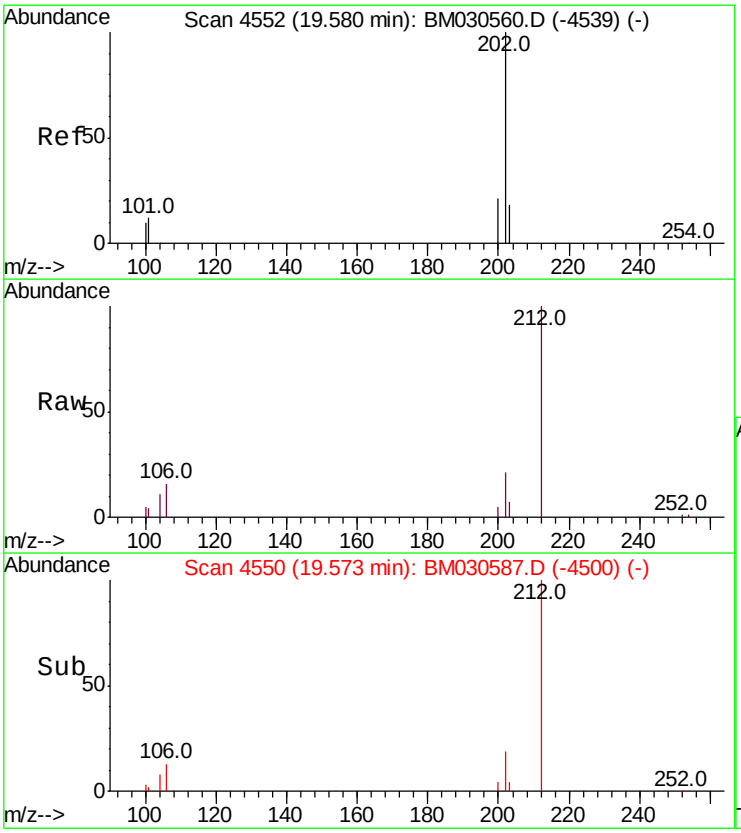
#19
Fluoranthene
Concen: 0.033 ng/ul
RT: 19.21 min Scan# 4456
Delta R.T. -0.00 min
Lab File: BM030587.D
Acq: 24 Jun 2021 22:18

Instrument :
BNA_M
ClientSampleId :
BGD93

Tgt Ion:202 Resp: 2268

Ion	Ratio	Lower	Upper
202	100		
101	23.1	8.8	13.2#
100	21.2	6.9	10.3#

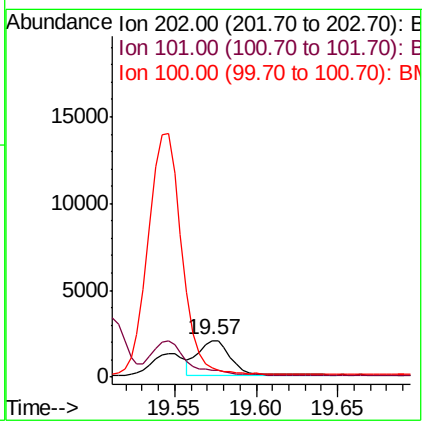


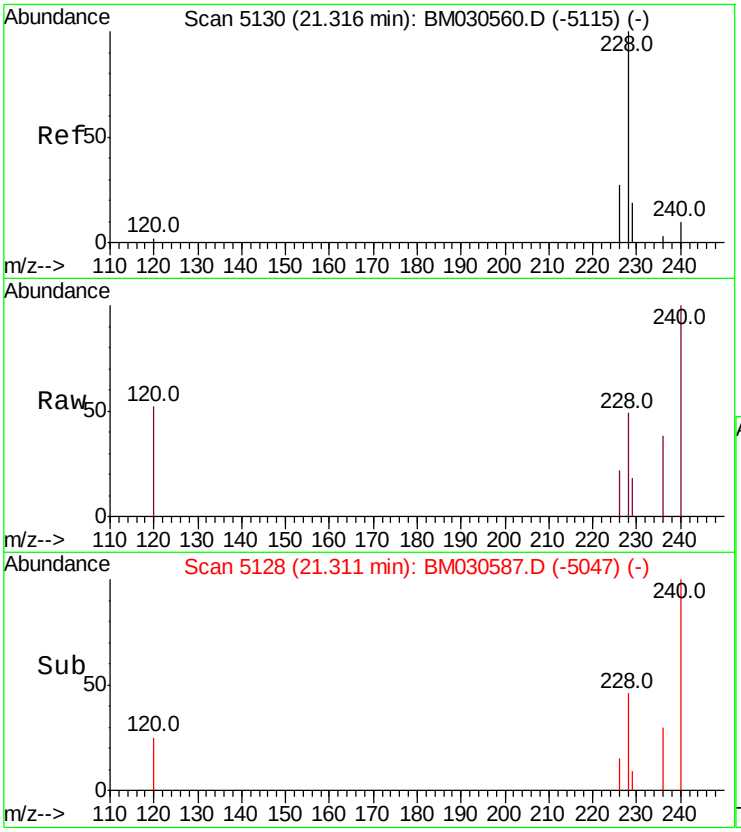


#20
Pyrene
Concen: 0.039 ng/ul
RT: 19.57 min Scan# 4550
Delta R.T. -0.01 min
Lab File: BM030587.D
Acq: 24 Jun 2021 22:18

Tgt Ion:202 Resp: 2734

Ion	Ratio	Lower	Upper
202	100		
101	19.2	10.1	15.1#
100	24.2	8.2	12.2#



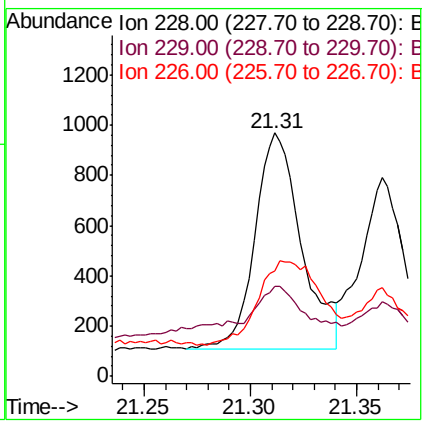


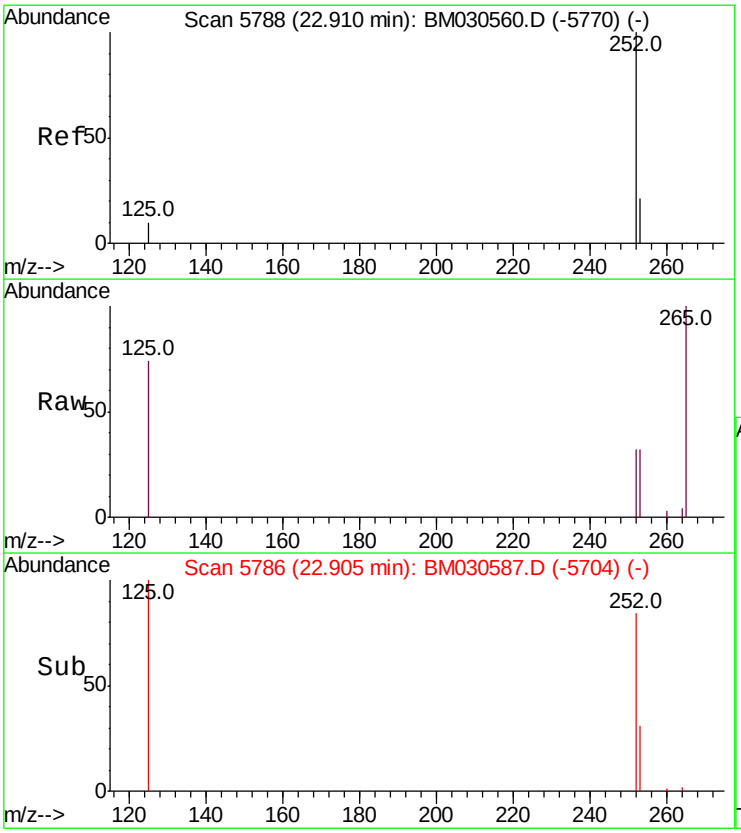
#21
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.31 min Scan# 5128
Delta R.T. -0.00 min
Lab File: BM030587.D
Acq: 24 Jun 2021 22:18

Instrument :
BNA_M
ClientSampleId :
BGD93

Tgt Ion:228 Resp: 1306

Ion	Ratio	Lower	Upper
228	100		
229	36.9	15.8	23.6#
226	43.6	22.2	33.4#

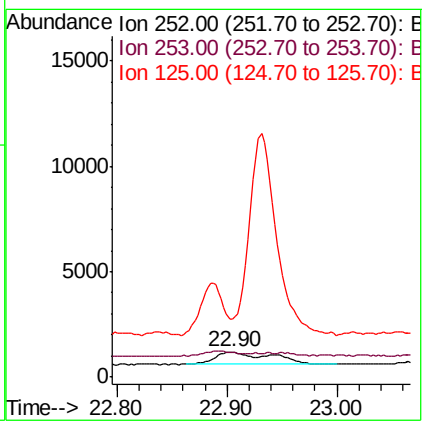


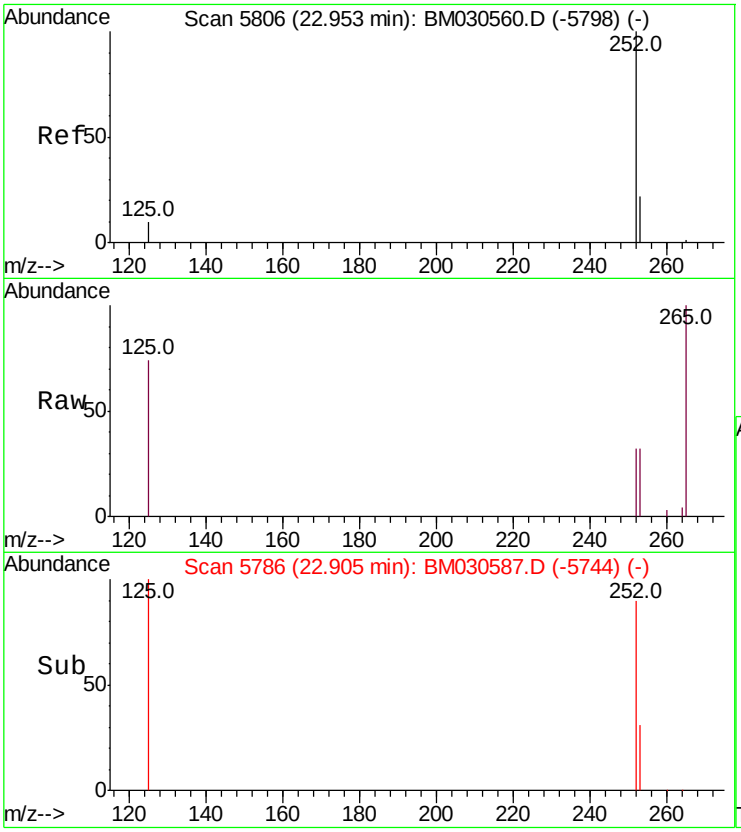


#24
Benzo(b)fluoranthene
Concen: 0.034 ng/ul
RT: 22.90 min Scan# 5786
Delta R.T. -0.00 min
Lab File: BM030587.D
Acq: 24 Jun 2021 22:18

Tgt Ion:252 Resp: 2125

Ion	Ratio	Lower	Upper
252	100		
253	100.5	0.0	50.2#
125	231.9	0.0	27.8#



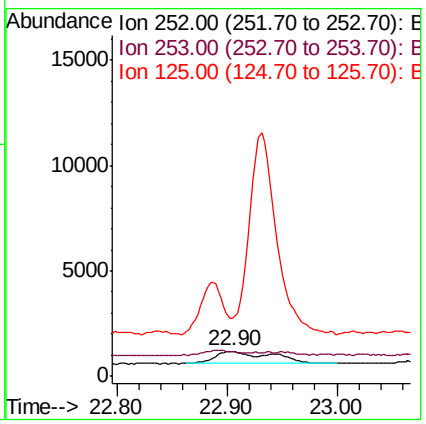


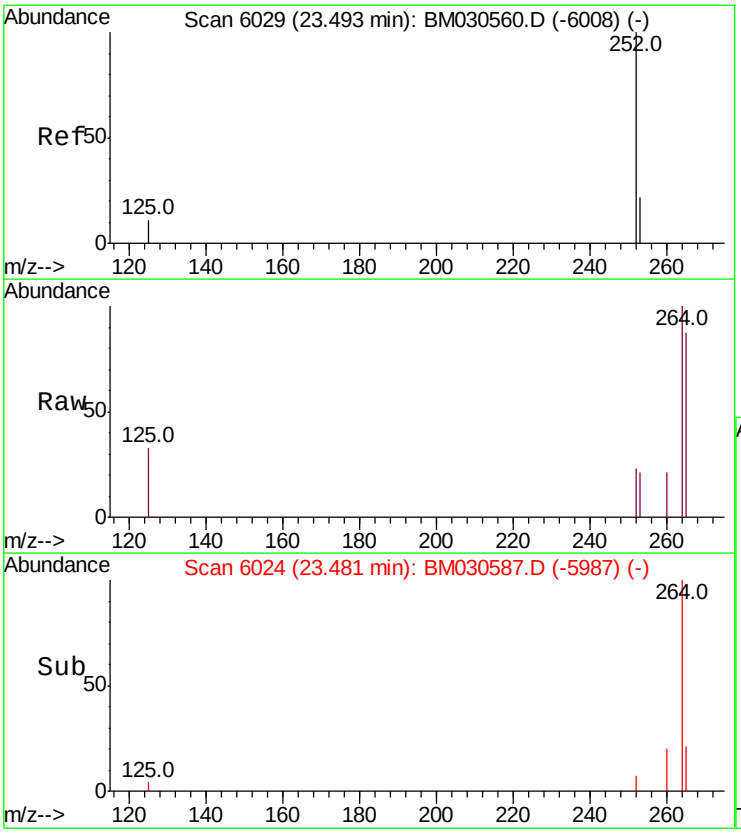
#25
Benzo(k)fluoranthene
Concen: 0.033 ng/ul
RT: 22.90 min Scan# 5786
Delta R.T. -0.05 min
Lab File: BM030587.D
Acq: 24 Jun 2021 22:18

Instrument :
BNA_M
ClientSampleId :
BGD93

Tgt Ion:252 Resp: 2125

Ion	Ratio	Lower	Upper
252	100		
253	100.5	20.6	31.0#
125	231.9	11.0	16.4#

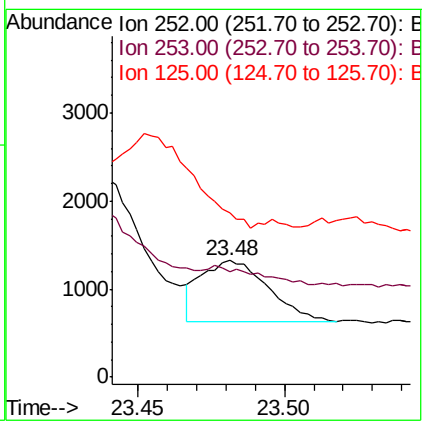


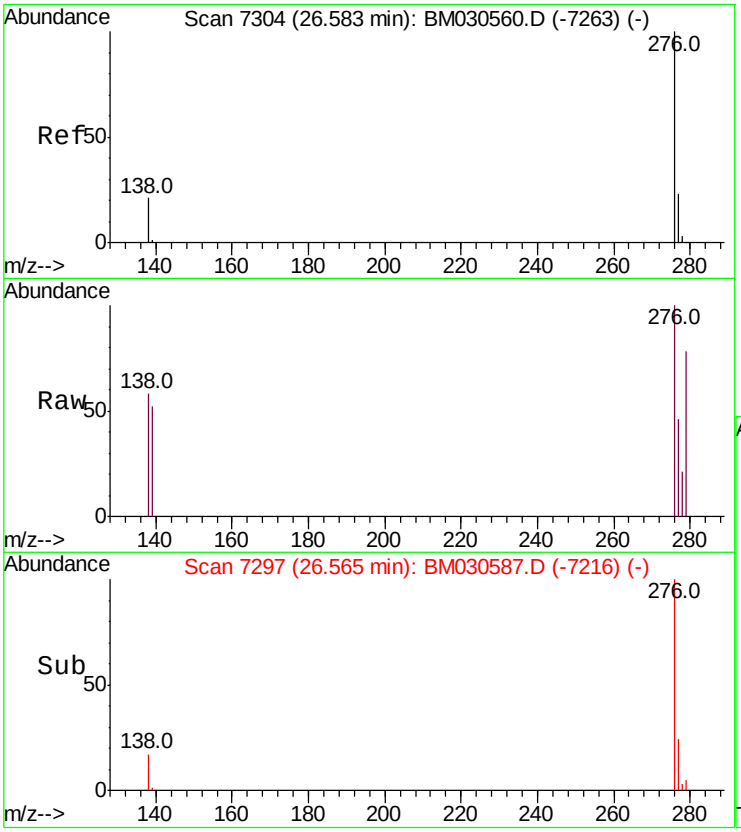


#26
Benzo(a)pyrene
Concen: 0.020 ng/ul
RT: 23.48 min Scan# 6024
Delta R.T. -0.01 min
Lab File: BM030587.D
Acq: 24 Jun 2021 22:18

Tgt Ion:252 Resp: 1102

Ion	Ratio	Lower	Upper
252	100		
253	90.7	22.0	33.0#
125	140.6	13.4	20.2#





#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.57 min Scan# 7297
Delta R.T. -0.00 min
Lab File: BM030587.D
Acq: 24 Jun 2021 22:18

Instrument :
BNA_M
ClientSampleId :
BGD93

Tgt Ion:276 Resp: 1280

Ion	Ratio	Lower	Upper
276	100		
138	57.6	18.0	27.0#
277	45.6	19.5	29.3#