Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043123.D
Acq On : 01 Dec 2023 15:30
Operator : MA/JU
Sample : 05497-05DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Quant Time: Dec 02 00:06:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1140	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.600	136	3244	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.445	164	1798	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	3643	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.400	240	2542	0.400	ng/ul	# 0.00
23) Perylene-d12	23.747	264	4307	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	1200	0.686	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	364	0.084	ng/ul	-0.02
18) Fluoranthene-d10	19.238	212	827	0.089	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.649	128	1842	0.209	ng/ul	96
7) 2-Methylnaphthalene	12.277	142	1884	0.362	ng/ul	97
8) 1-Methylnaphthalene	12.486	142	2326	0.401	ng/ul	100
11) Acenaphthene	14.515	153	144	0.021	ng/ul#	78
12) Fluorene	15.495	166	182	0.025	ng/ul#	69
15) Phenanthrene	17.241	178	9636	0.927	ng/ul	94
16) Anthracene	17.241	178	9663	0.981	ng/ul#	90
19) Fluoranthene	19.266	202	1244	0.086	ng/ul#	86
20) Pyrene	19.628	202	1349	0.088	ng/ul#	85
21) Benzo(a)anthracene	21.386	228	475	0.058	ng/ul#	71
22) Chrysene	21.438	228	1372	0.089	ng/ul#	86
24) Benzo(b)fluoranthene	23.022	252	939	0.065	ng/ul#	51
25) Benzo(k)fluoranthene	23.022	252	1202	0.060	ng/ul#	49
29) Benzo(g,h,i)perylene	26.963	276	502	0.024	ng/ul#	53

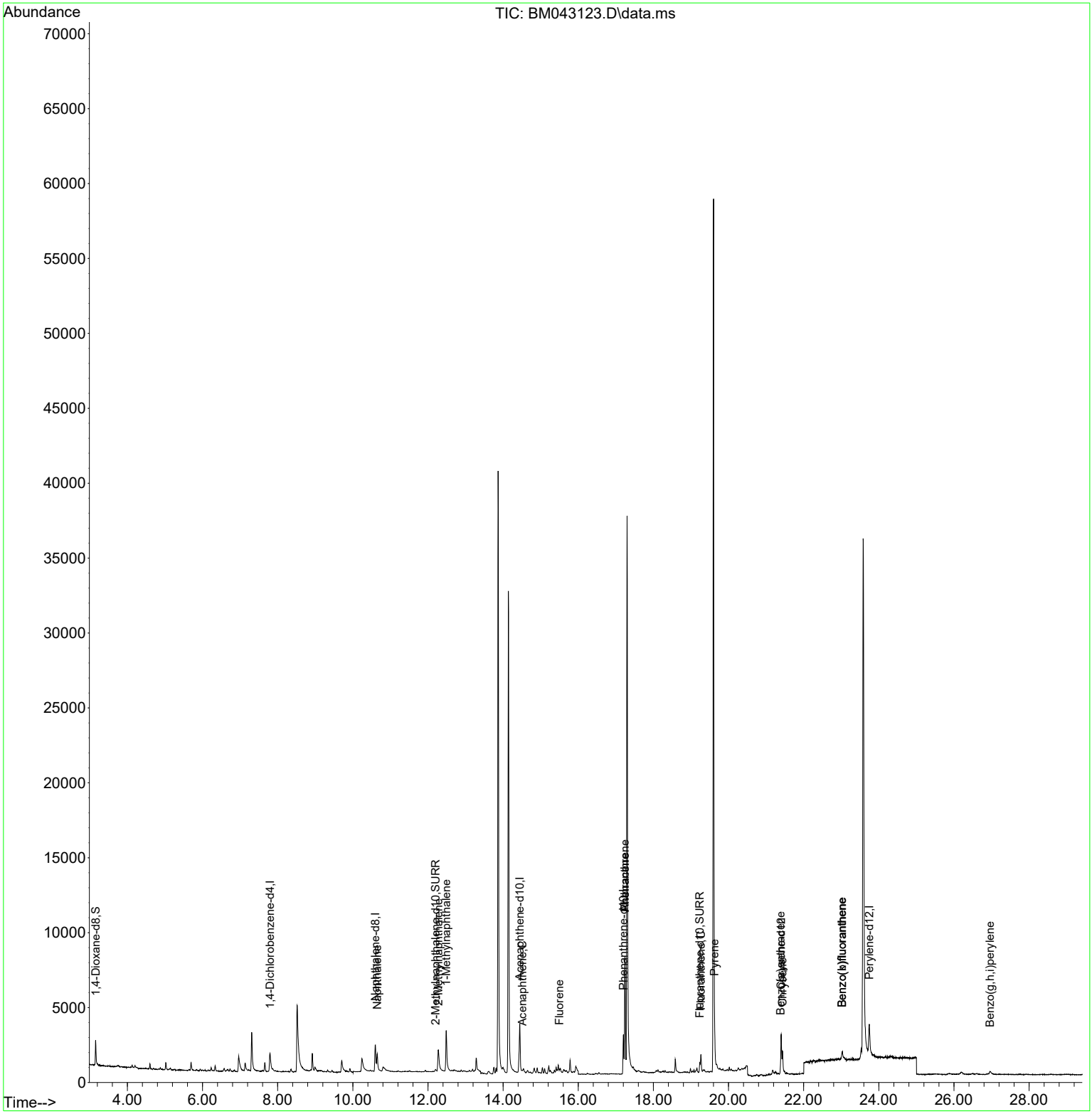
(#) = qualifier out of range (m) = manual integration (+) = signals summed

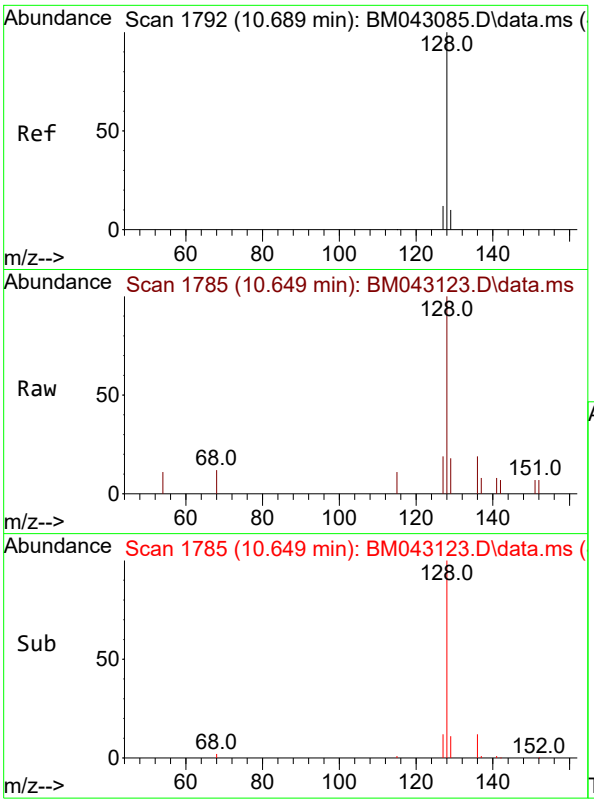
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043123.D
Acq On : 01 Dec 2023 15:30
Operator : MA/JU
Sample : 05497-05DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Quant Time: Dec 02 00:06:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
Response via : Initial Calibration



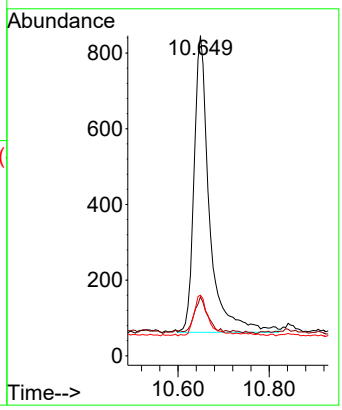


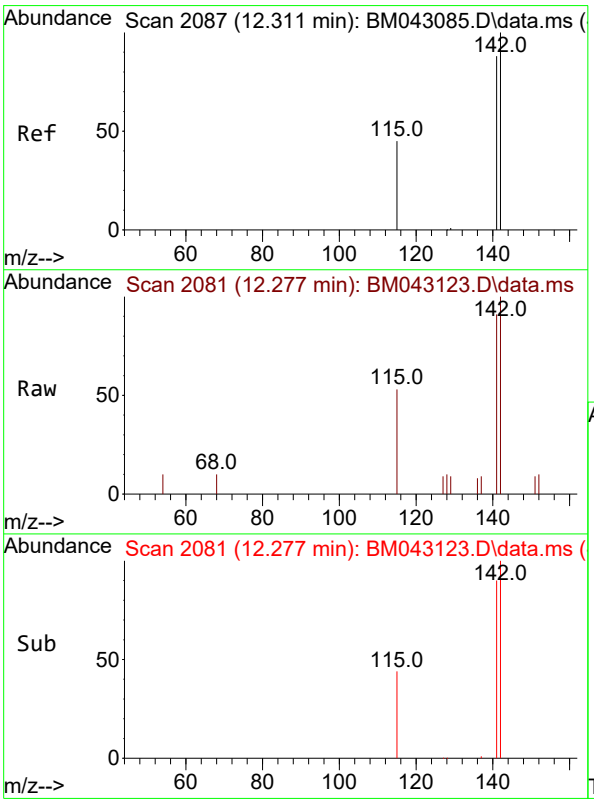
#5
Naphthalene
Concen: 0.209 ng/ul
RT: 10.649 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tgt Ion:128 Resp: 1842

Ion	Ratio	Lower	Upper
128	100		
129	18.4	16.0	24.0
127	18.9	16.5	24.7

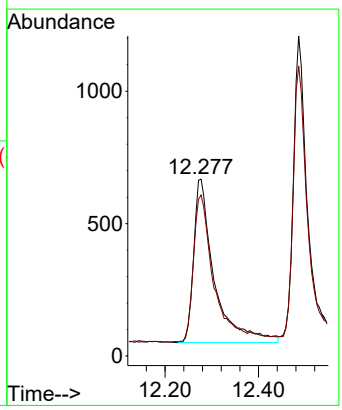


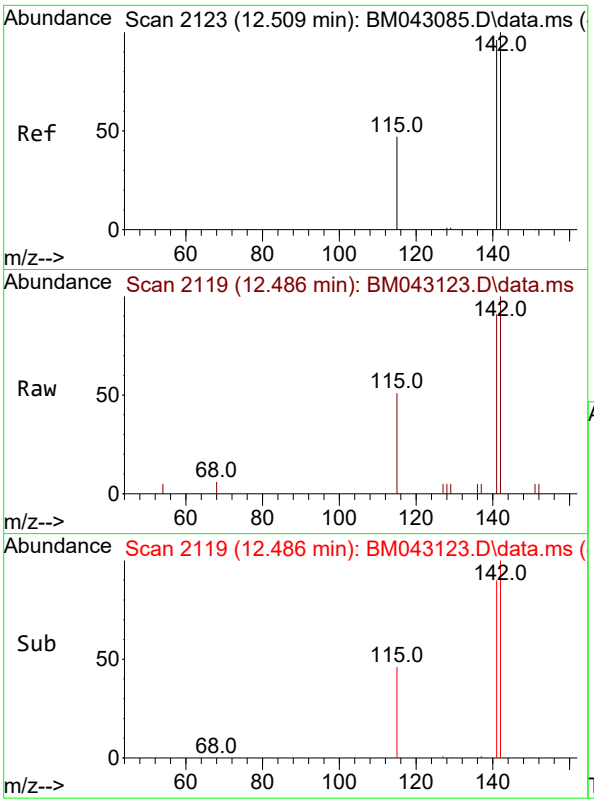


#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.277 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Tgt Ion:142 Resp: 1884

Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.1	114.1



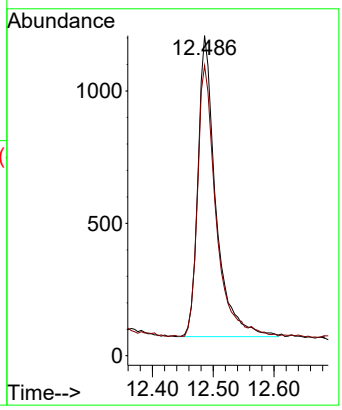


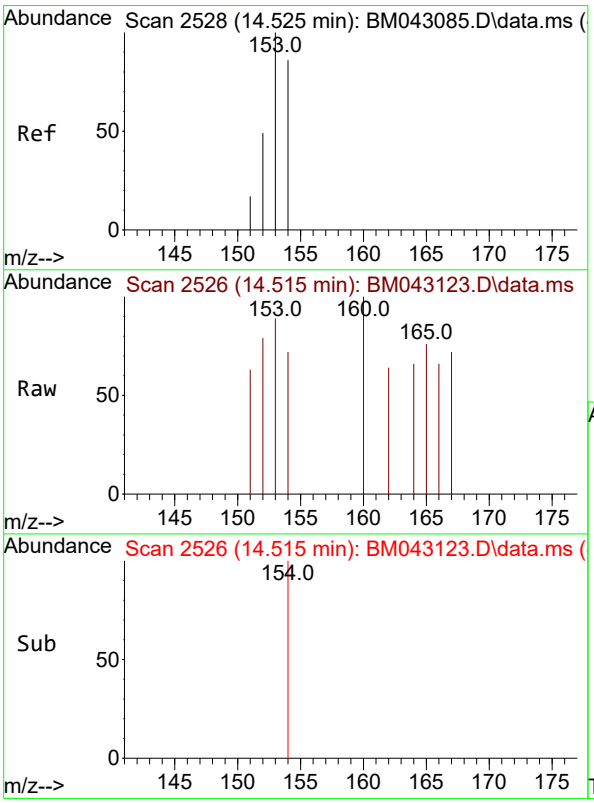
#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.486 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tgt Ion:142 Resp: 2326

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.8

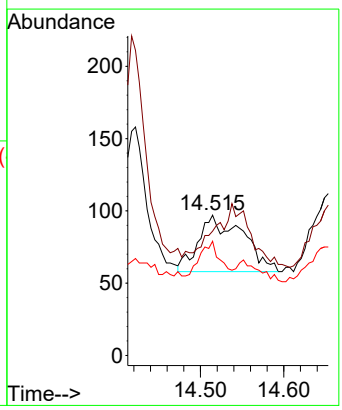


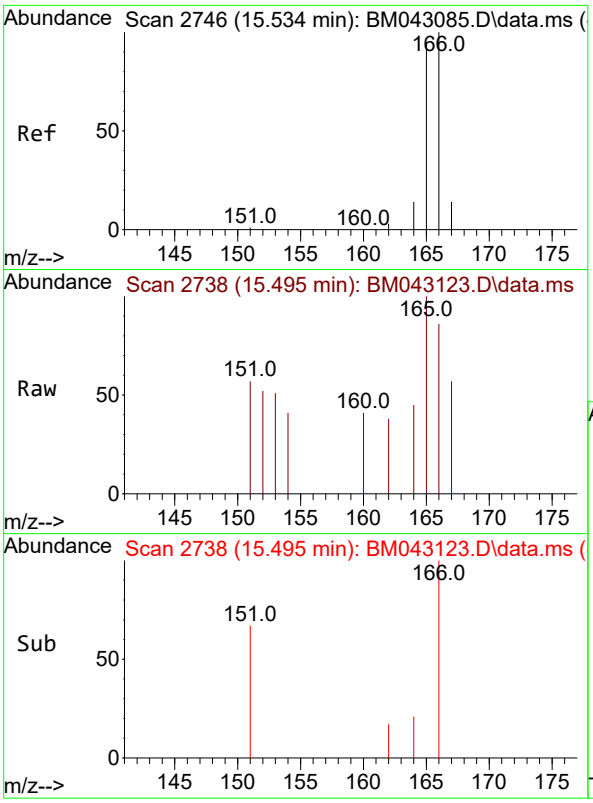


#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.001 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Tgt Ion:153 Resp: 144

Ion	Ratio	Lower	Upper
153	100		
152	88.7	43.9	65.9#
154	81.4	70.6	105.8



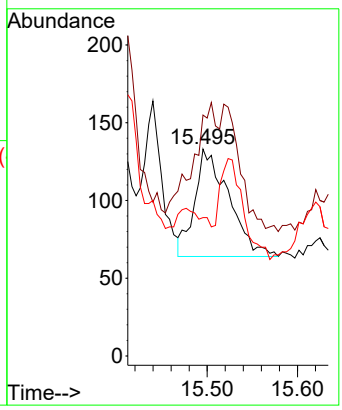


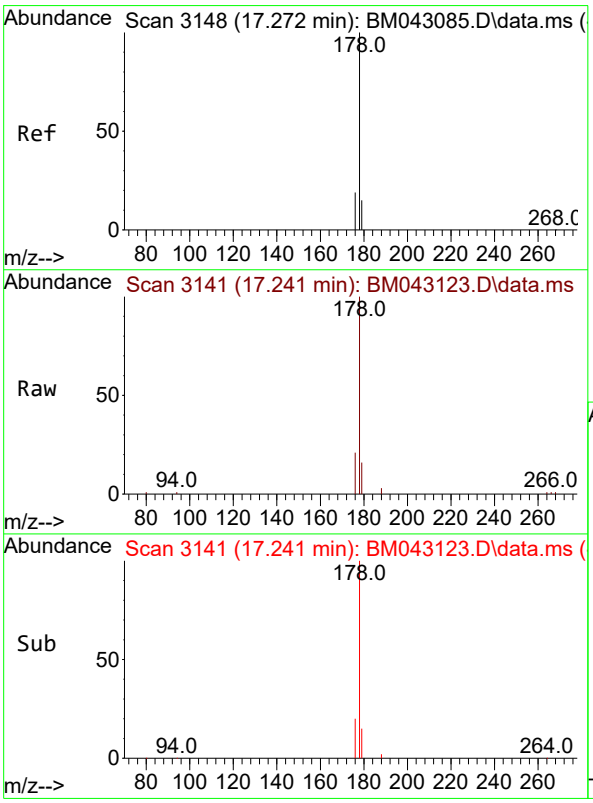
#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.495 min Scan# 2
Delta R.T. -0.020 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tgt Ion:166 Resp: 182

Ion	Ratio	Lower	Upper
166	100		
165	116.5	79.9	119.9
167	66.9	14.2	21.4#

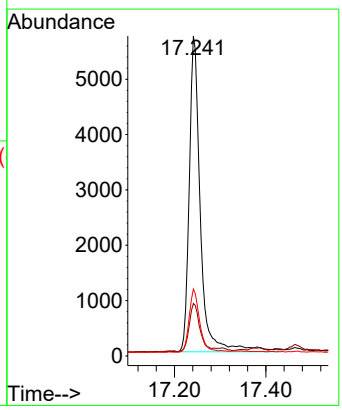


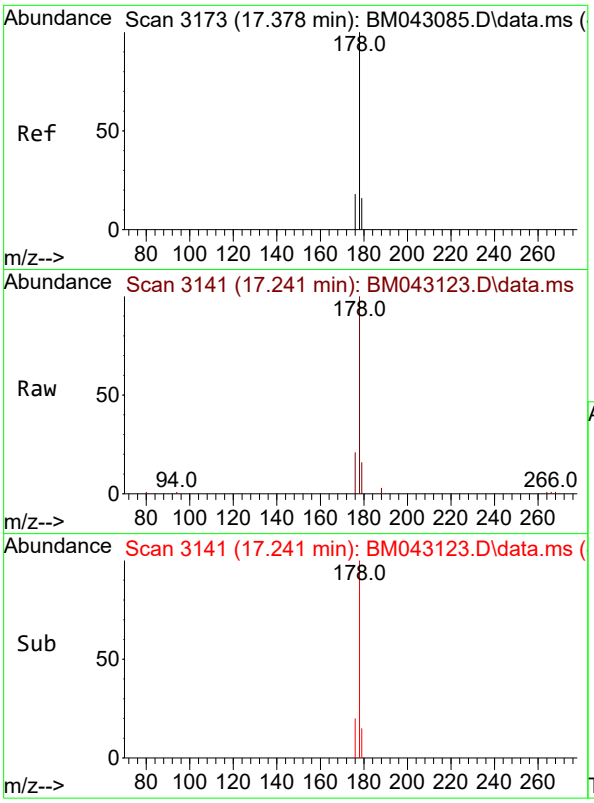


#15
Phenanthrene
Concen: 0.927 ng/ul
RT: 17.241 min Scan# 3141
Delta R.T. -0.018 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Tgt Ion:178 Resp: 9636

Ion	Ratio	Lower	Upper
178	100		
179	16.4	15.7	23.5
176	20.9	18.9	28.3



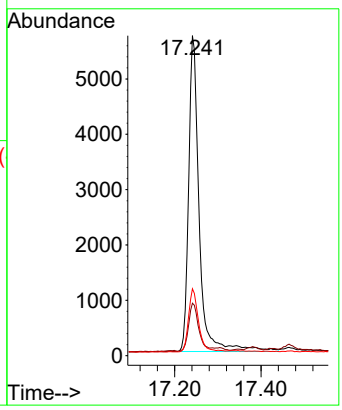


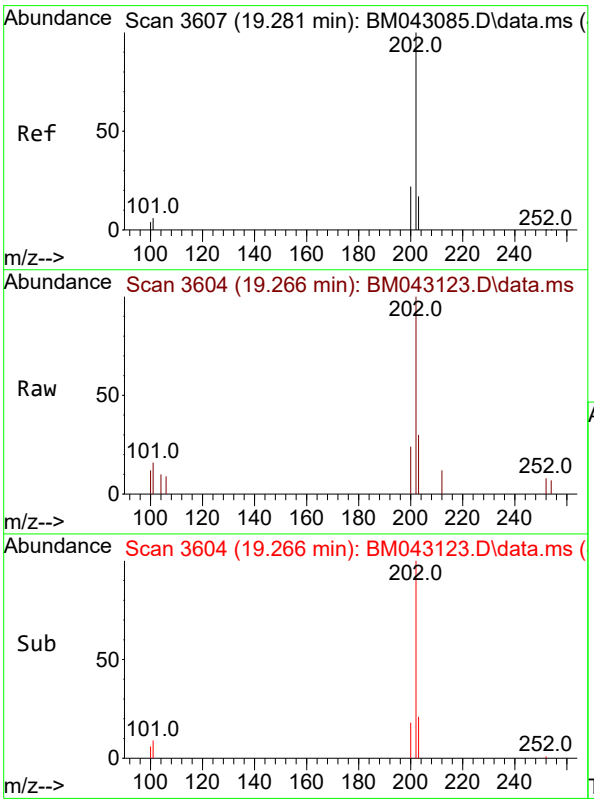
#16
Anthracene
Concen: 0.981 ng/ul
RT: 17.241 min Scan# 3
Delta R.T. -0.120 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tgt Ion:178 Resp: 9663

Ion	Ratio	Lower	Upper
178	100		
179	16.4	17.3	25.9#
176	20.9	20.5	30.7

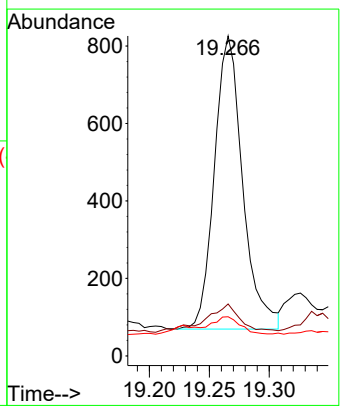


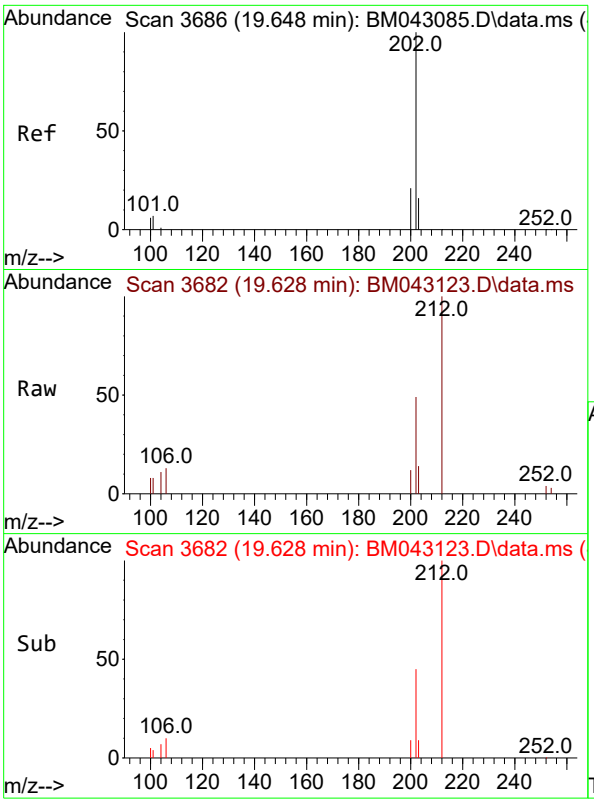


#19
Fluoranthene
Concen: 0.086 ng/ul
RT: 19.266 min Scan# 3604
Delta R.T. -0.006 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Tgt Ion:202 Resp: 1244

Ion	Ratio	Lower	Upper
202	100		
101	16.2	7.8	11.8#
100	12.2	7.1	10.7#



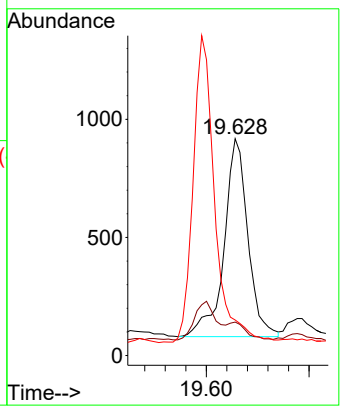


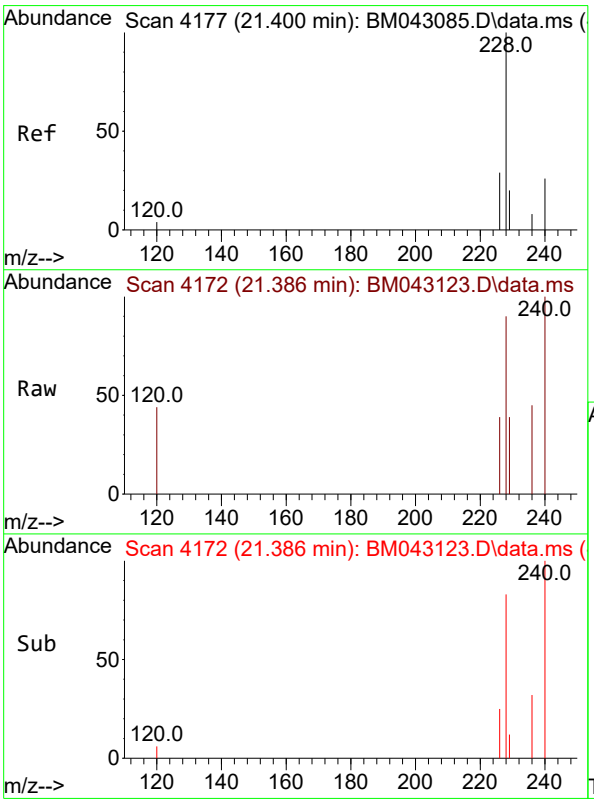
#20
Pyrene
Concen: 0.088 ng/ul
RT: 19.628 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tgt Ion:202 Resp: 1349

Ion	Ratio	Lower	Upper
202	100		
101	15.5	8.7	13.1#
100	16.4	7.8	11.8#

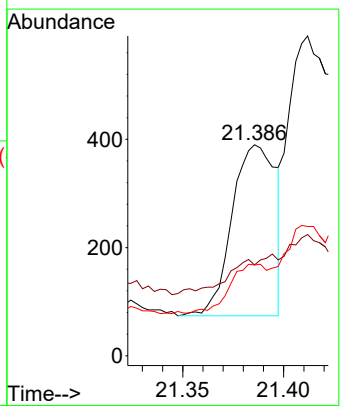


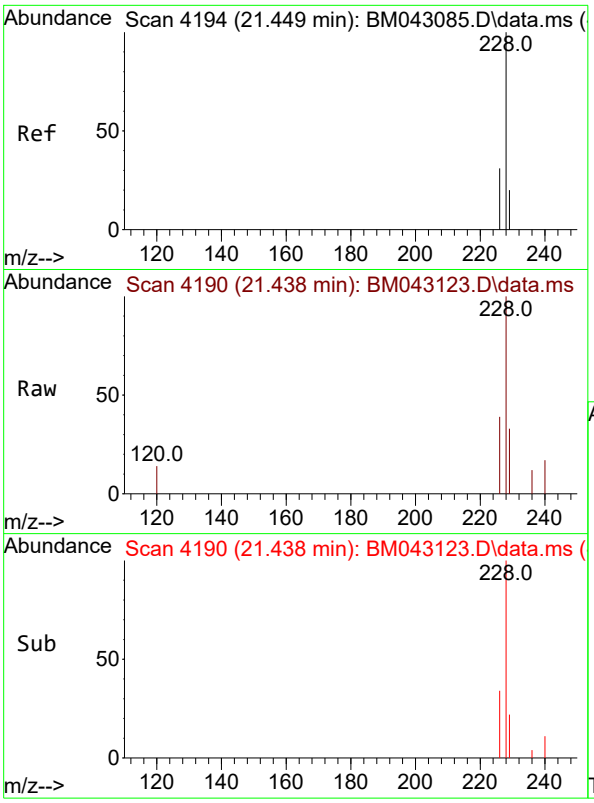


#21
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.386 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Tgt Ion:228 Resp: 475

Ion	Ratio	Lower	Upper
228	100		
229	43.1	19.4	29.0#
226	43.1	24.9	37.3#



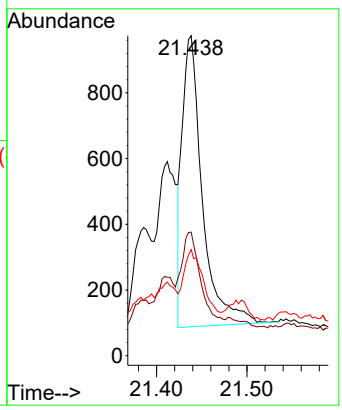


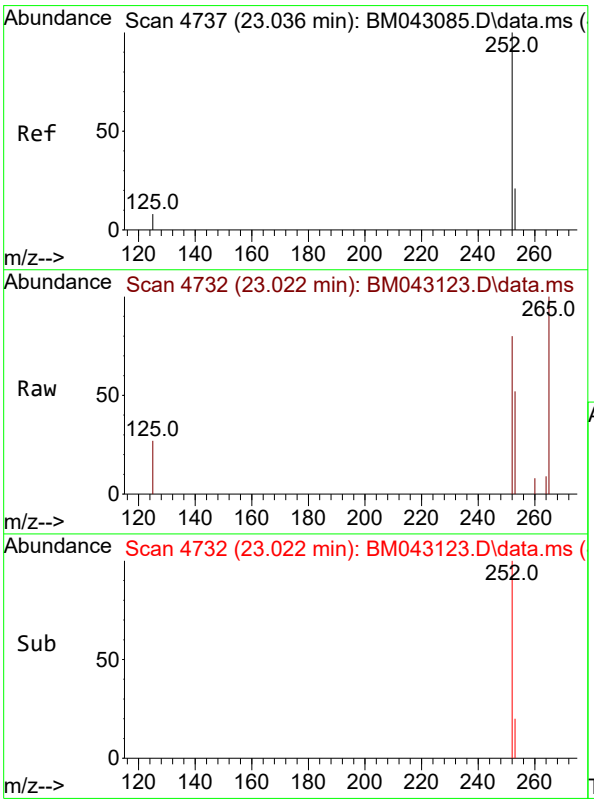
#22
Chrysene
Concen: 0.089 ng/ul
RT: 21.438 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tgt Ion:228 Resp: 1372

Ion	Ratio	Lower	Upper
228	100		
226	38.6	27.2	40.8
229	33.2	18.0	27.0#

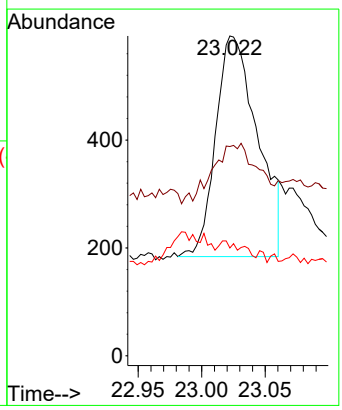


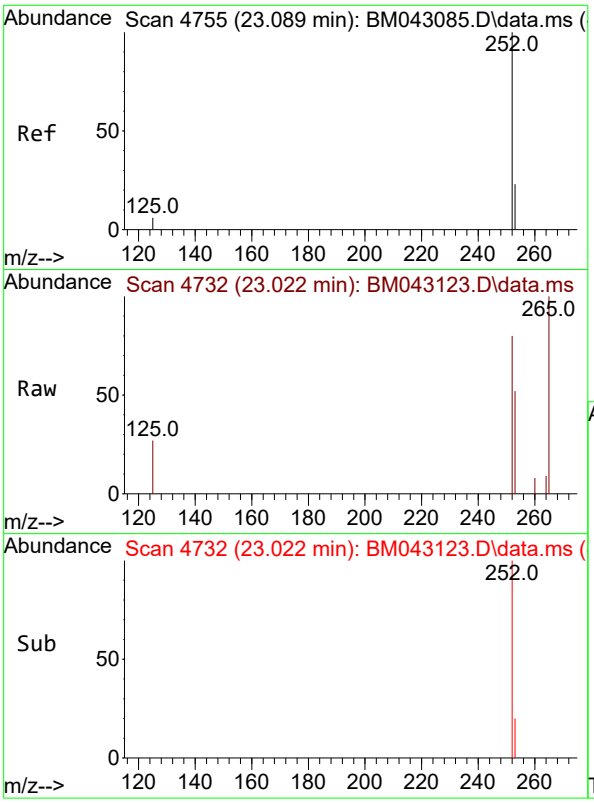


#24
Benzo(b)fluoranthene
Concen: 0.065 ng/ul
RT: 23.022 min Scan# 4732
Delta R.T. -0.005 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Tgt Ion:252 Resp: 939

Ion	Ratio	Lower	Upper
252	100		
253	65.4	0.0	71.8
125	33.7	0.0	29.0#



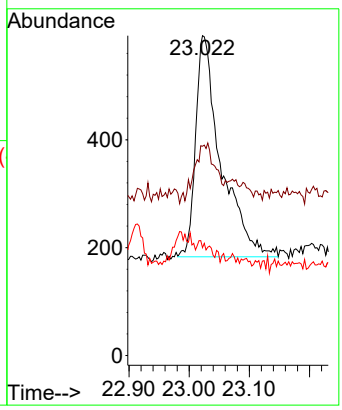


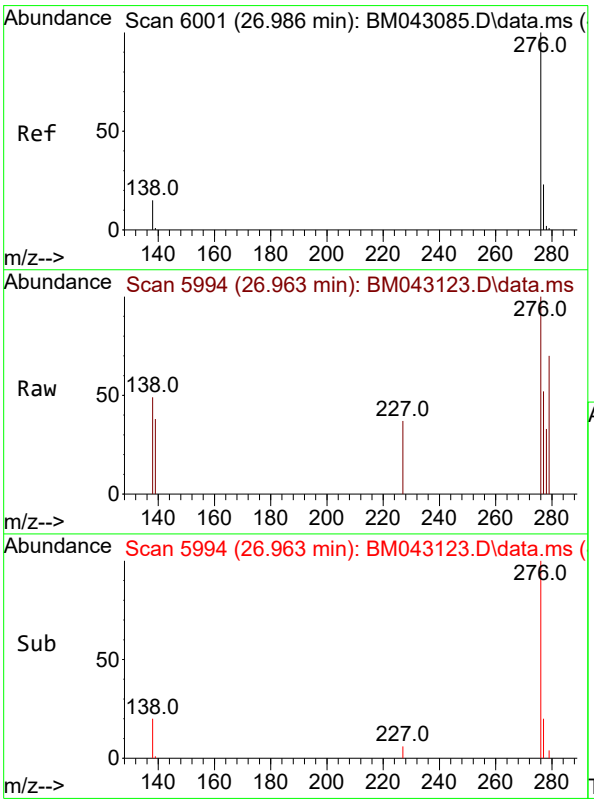
#25
Benzo(k)fluoranthene
Concen: 0.060 ng/ul
RT: 23.022 min Scan# 4
Delta R.T. -0.055 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tgt Ion:252 Resp: 1202

Ion	Ratio	Lower	Upper
252	100		
253	65.4	28.2	42.2#
125	33.7	11.0	16.6#





#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.963 min Scan# 5994
Delta R.T. 0.004 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Tgt Ion:276 Resp: 502

Ion	Ratio	Lower	Upper
276	100		
138	48.7	17.8	26.8#
277	51.8	23.8	35.8#