Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043121.D
Acq On : 01 Dec 2023 13:59
Operator : MA/JU
Sample : 05497-04DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Quant Time: Dec 02 00:06:06 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	7.800	152	998	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.611	136	2875	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	1502	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	2858	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	2357	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	3619	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	442	0.289	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	128	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	334	0.039	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.660	128	1055	0.135	ng/ul#	88
7) 2-Methylnaphthalene	12.299	142	601	0.130	ng/ul	98
8) 1-Methylnaphthalene	12.497	142	432	0.084	ng/ul	95
10) Acenaphthylene	14.177	152	183	0.024	ng/ul#	33
11) Acenaphthene	14.510	153	190	0.033	ng/ul#	92
12) Fluorene	15.509	166	212	0.036	ng/ul#	90
15) Phenanthrene	17.254	178	3601	0.442	ng/ul	99
16) Anthracene	17.254	178	3601	0.466	ng/ul	95
19) Fluoranthene	19.270	202	5069	0.379	ng/ul#	95
20) Pyrene	19.633	202	4598	0.324	ng/ul	97
21) Benzo(a)anthracene	21.388	228	2170	0.284	ng/ul	98
22) Chrysene	21.441	228	2311	0.162	ng/ul	96
24) Benzo(b)fluoranthene	23.028	252	2922	0.239	ng/ul	94
25) Benzo(k)fluoranthene	23.028	252	4469	0.266	ng/ul#	93
26) Benzo(a)pyrene	23.642	252	1998	0.150	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.205	276	1662	0.092	ng/ul#	100
29) Benzo(g,h,i)perylene	26.966	276	2033	0.116	ng/ul	93

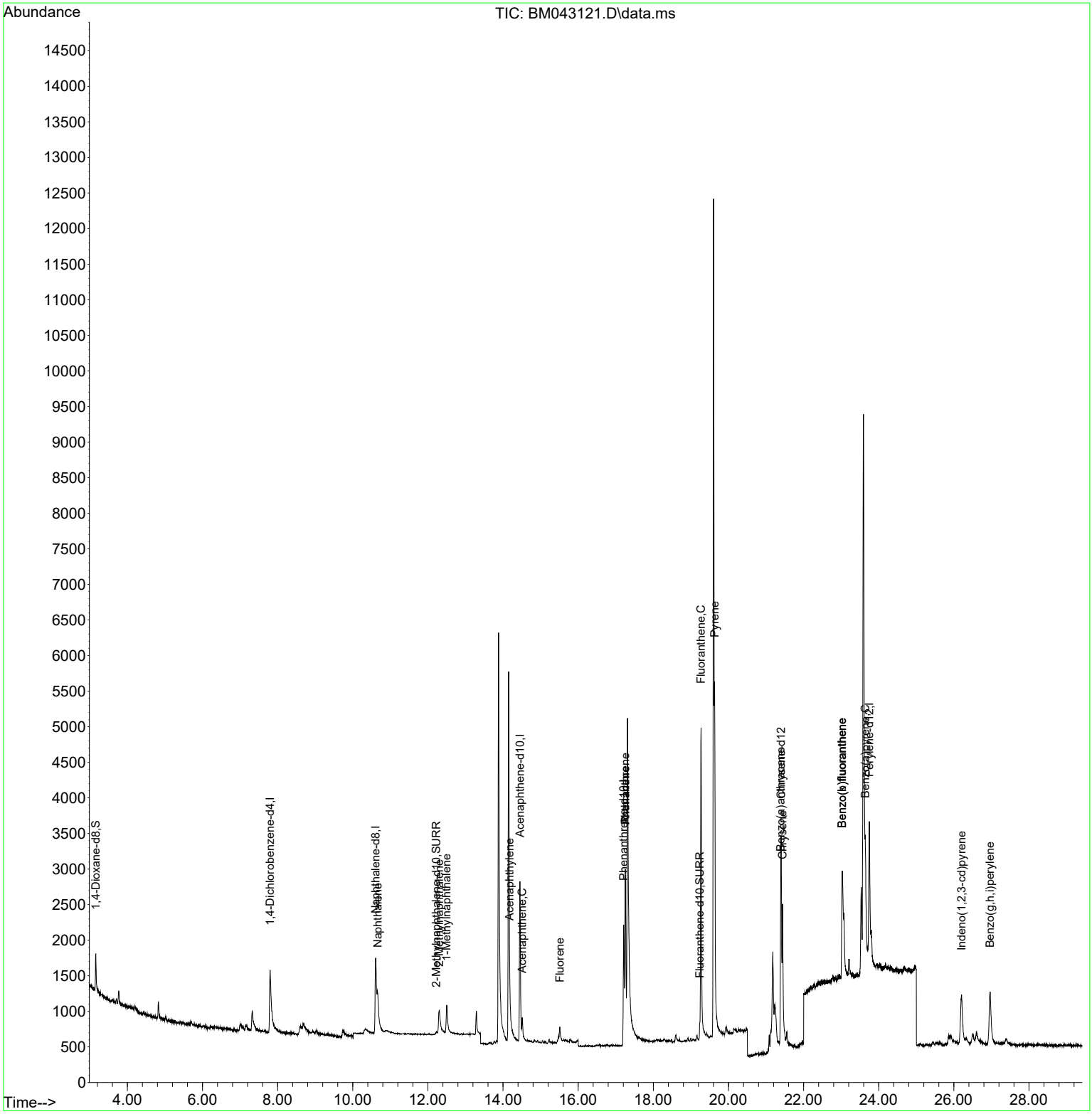
(#) = qualifier out of range (m) = manual integration (+) = signals summed

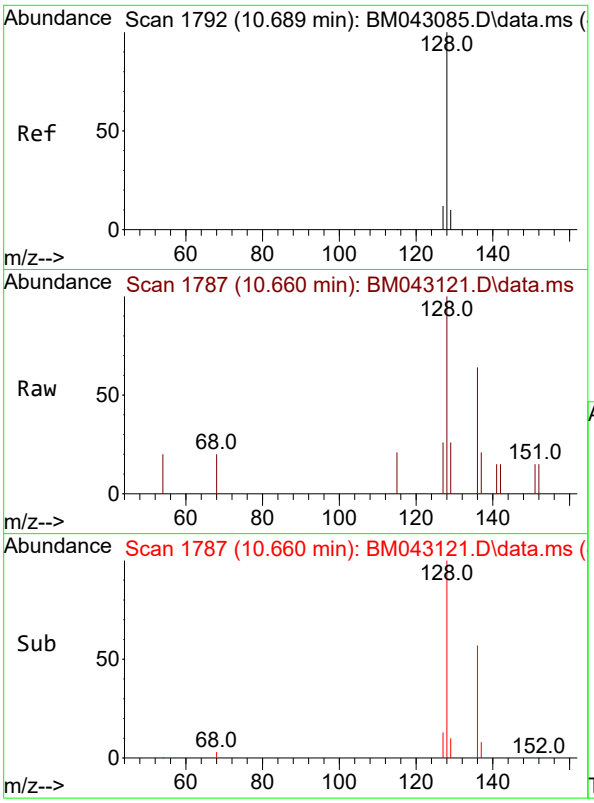
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043121.D
Acq On : 01 Dec 2023 13:59
Operator : MA/JU
Sample : 05497-04DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Quant Time: Dec 02 00:06:06 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



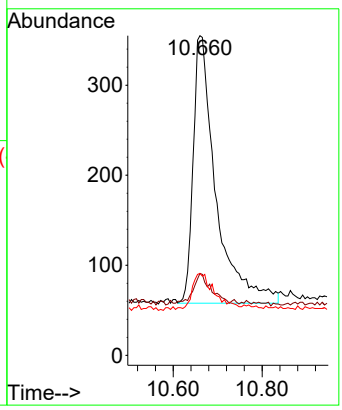


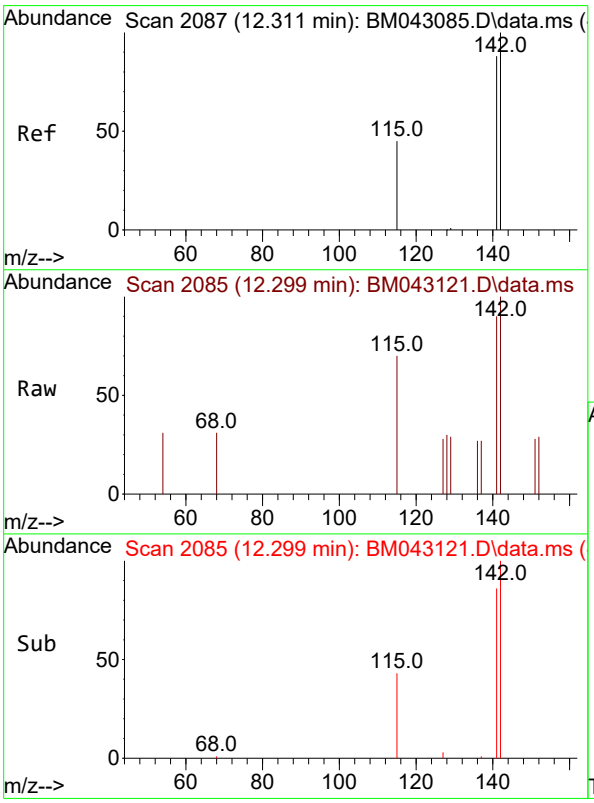
#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.660 min Scan# 1
Delta R.T. -0.007 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Tgt Ion:128 Resp: 1055

Ion	Ratio	Lower	Upper
128	100		
129	25.6	16.0	24.0#
127	25.6	16.5	24.7#

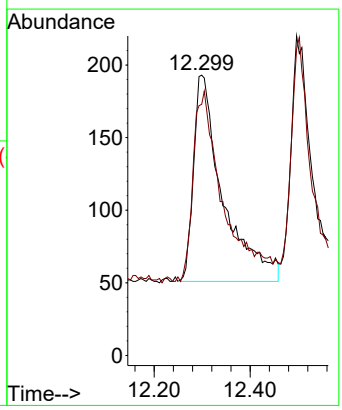


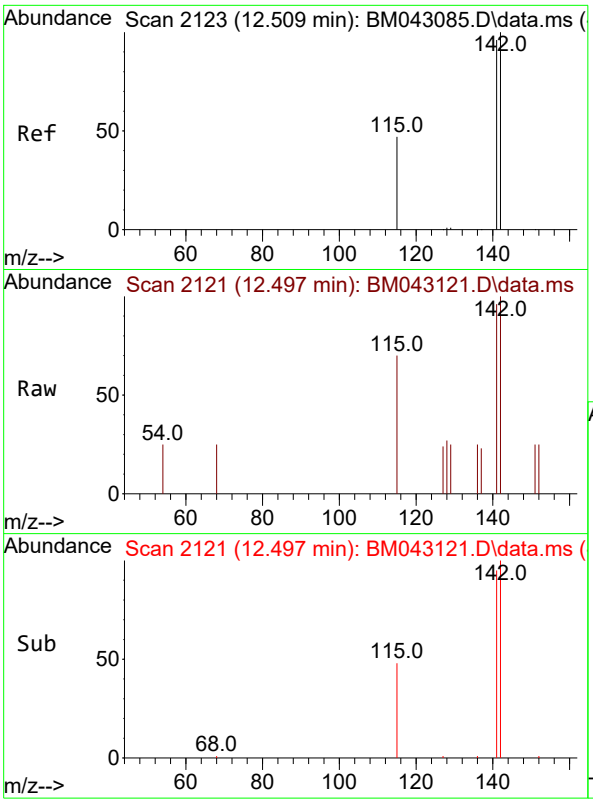


#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.299 min Scan# 2085
Delta R.T. 0.004 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Tgt Ion:142 Resp: 601

Ion	Ratio	Lower	Upper
142	100		
141	96.8	76.1	114.1



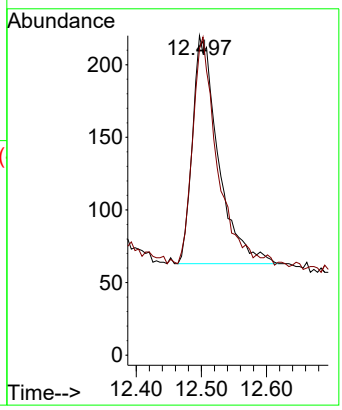


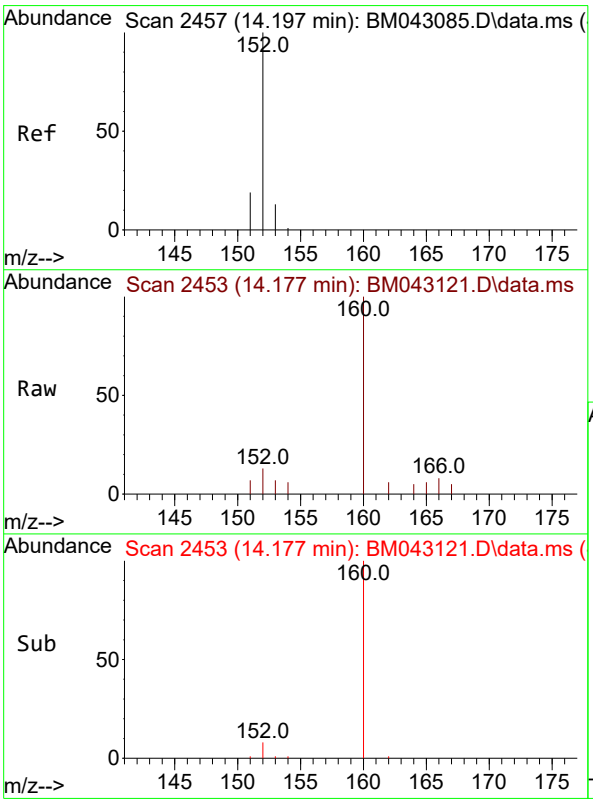
#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.497 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Tgt Ion:142 Resp: 432

Ion	Ratio	Lower	Upper
142	100		
141	96.8	73.8	110.8

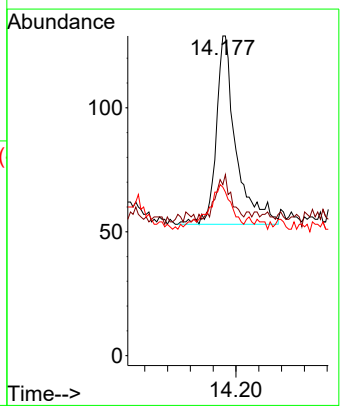


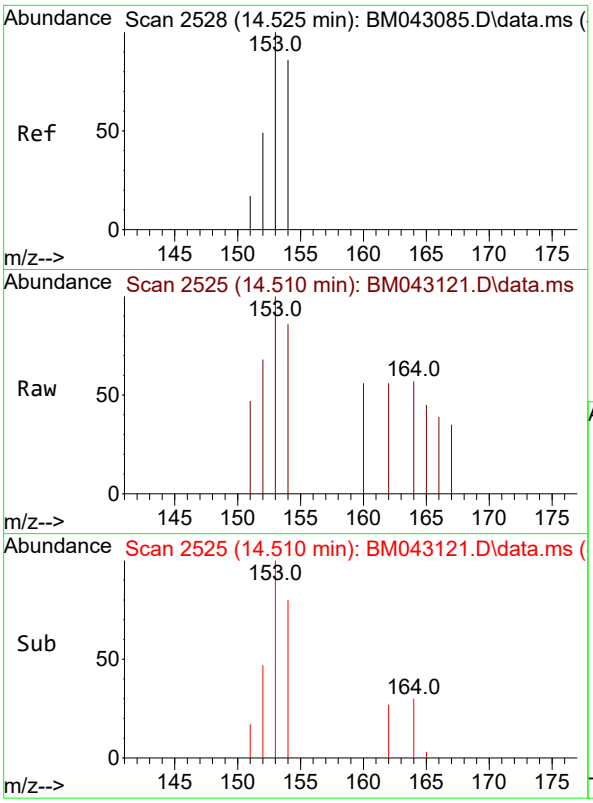


#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Tgt Ion:152 Resp: 183

Ion	Ratio	Lower	Upper
152	100		
151	53.5	19.4	29.0#
153	52.7	14.6	21.8#



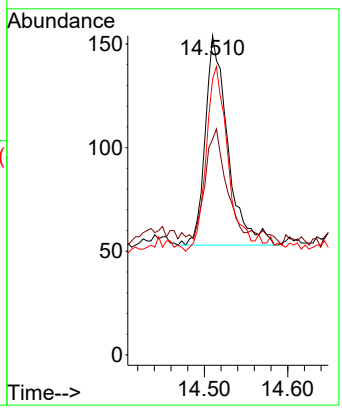


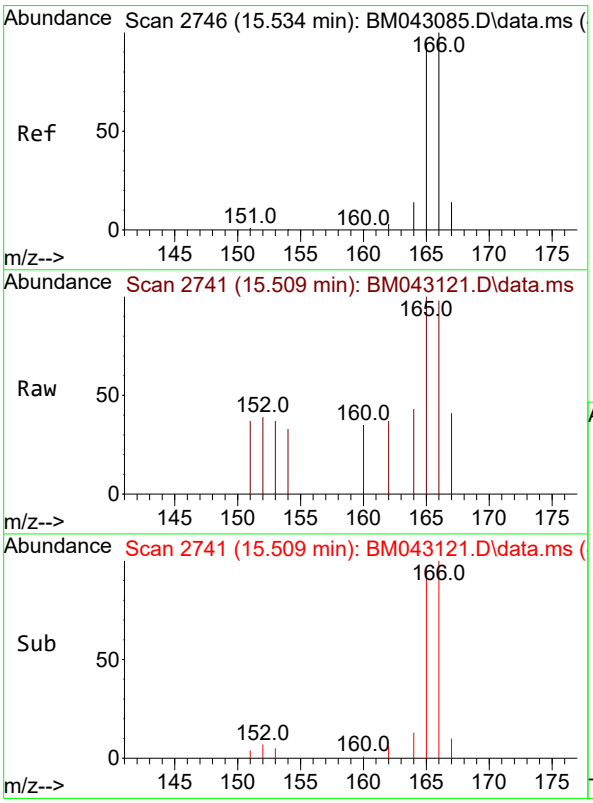
#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.510 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Tgt Ion:153 Resp: 190

Ion	Ratio	Lower	Upper
153	100		
152	67.5	43.9	65.9#
154	86.4	70.6	105.8

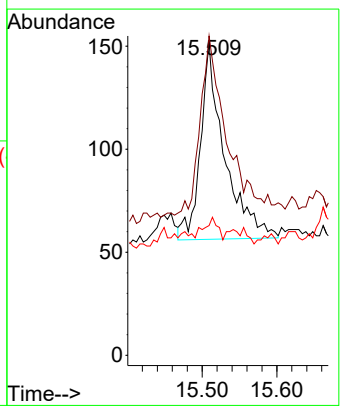


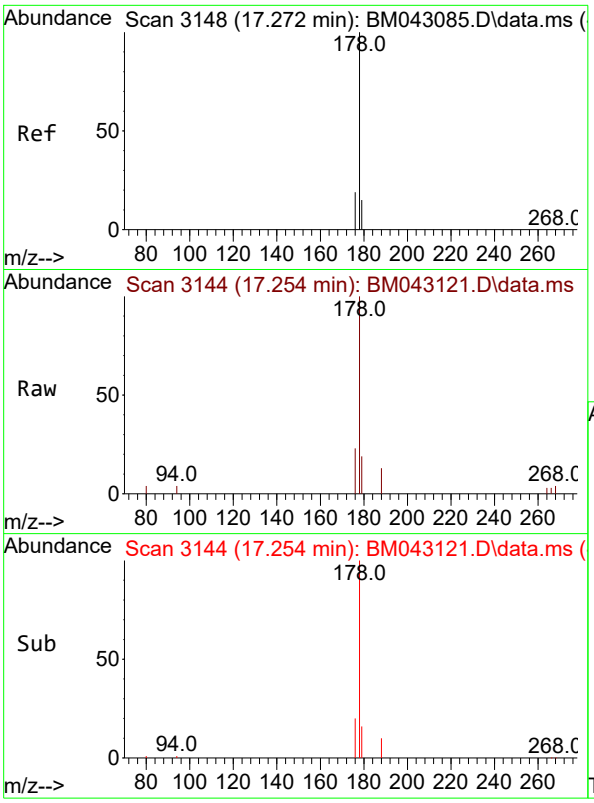


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.509 min Scan# 2741
Delta R.T. -0.006 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Tgt Ion:166 Resp: 212

Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.9	119.9
167	41.4	14.2	21.4#



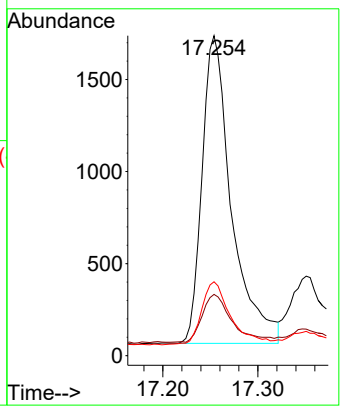


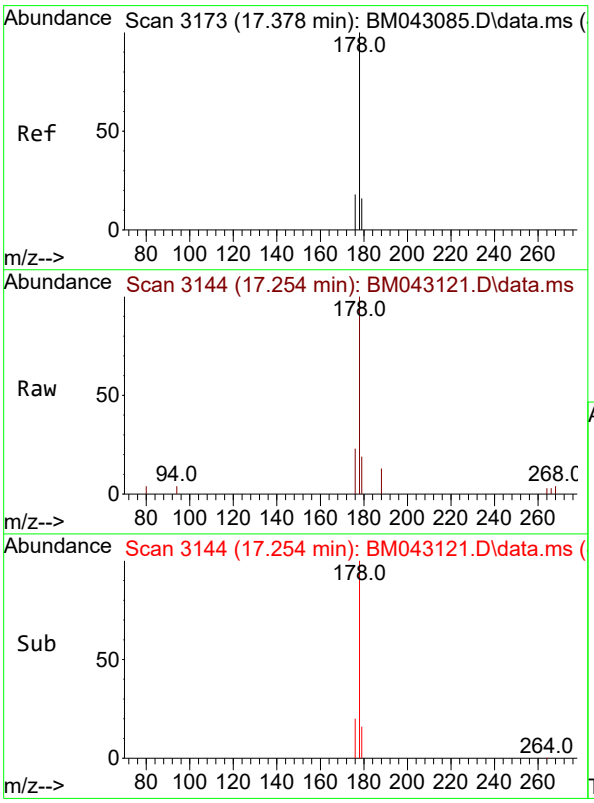
#15
Phenanthrene
Concen: 0.442 ng/ul
RT: 17.254 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Tgt Ion:178 Resp: 3601

Ion	Ratio	Lower	Upper
178	100		
179	19.2	15.7	23.5
176	23.1	18.9	28.3

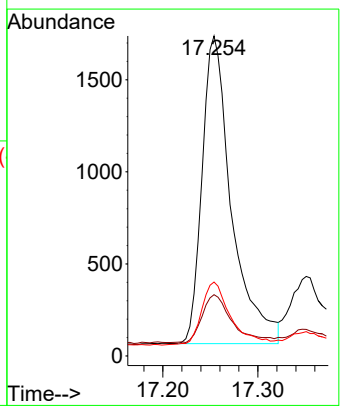


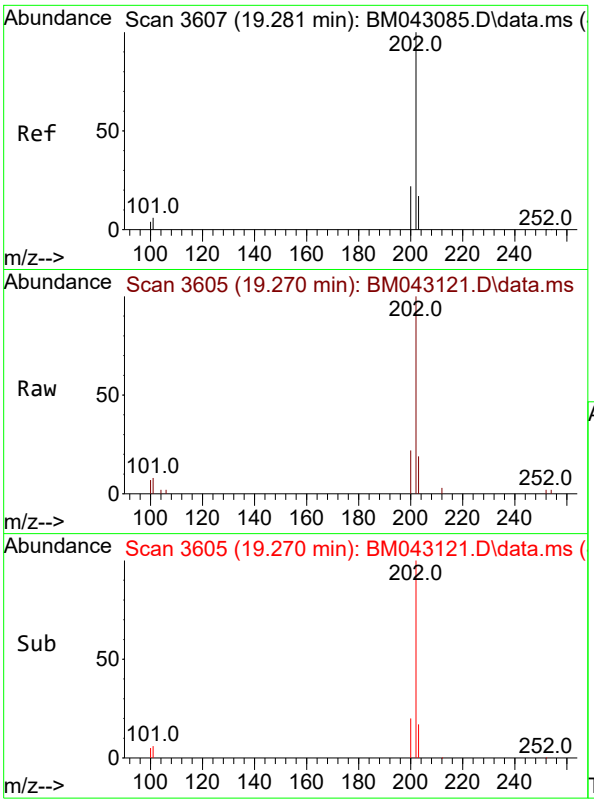


#16
Anthracene
Concen: 0.466 ng/ul
RT: 17.254 min Scan# 3144
Delta R.T. -0.107 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Tgt Ion:178 Resp: 3601

Ion	Ratio	Lower	Upper
178	100		
179	19.2	17.3	25.9
176	23.1	20.5	30.7



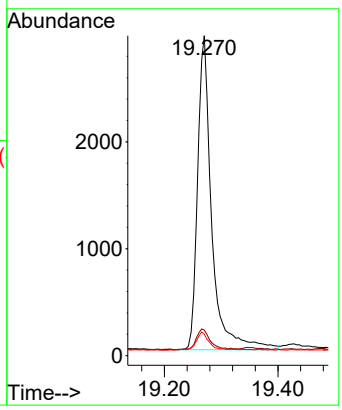


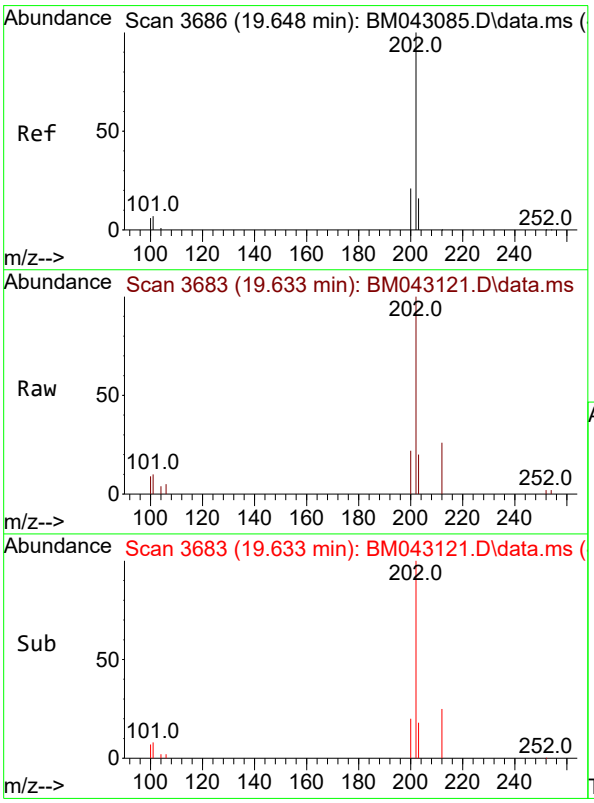
#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.270 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Tgt Ion:202 Resp: 5069

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.8	11.8
100	6.7	7.1	10.7#

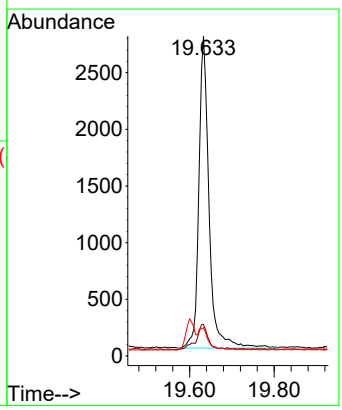


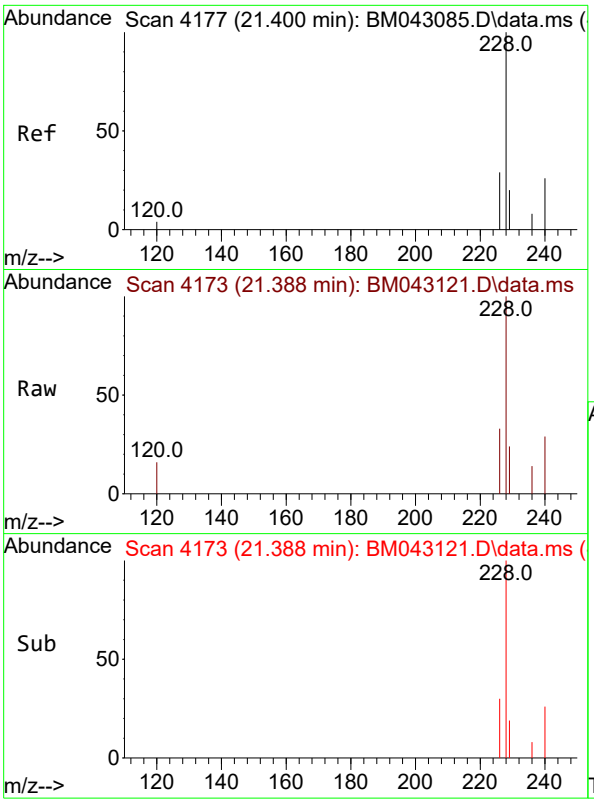


#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.633 min Scan# 3683
Delta R.T. -0.006 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Tgt Ion:202 Resp: 4598

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.7	13.1
100	8.9	7.8	11.8



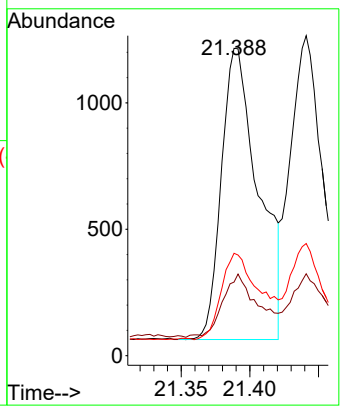


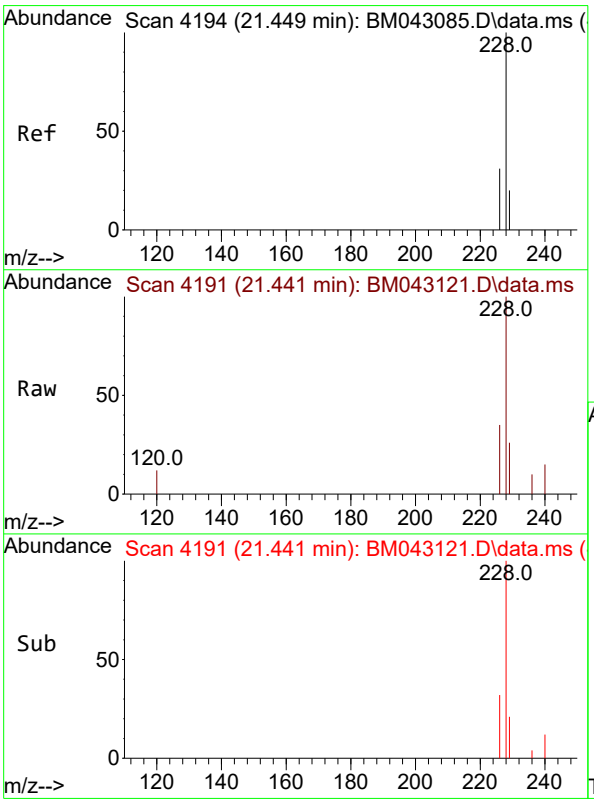
#21
Benzo(a)anthracene
Concen: 0.284 ng/ul
RT: 21.388 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Tgt Ion:228 Resp: 2170

Ion	Ratio	Lower	Upper
228	100		
229	23.9	19.4	29.0
226	33.3	24.9	37.3

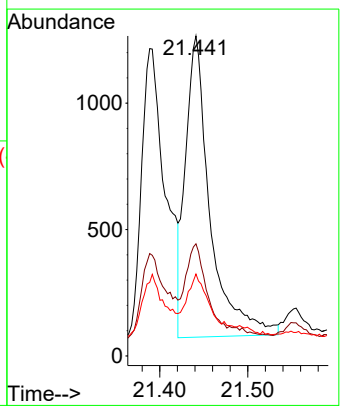


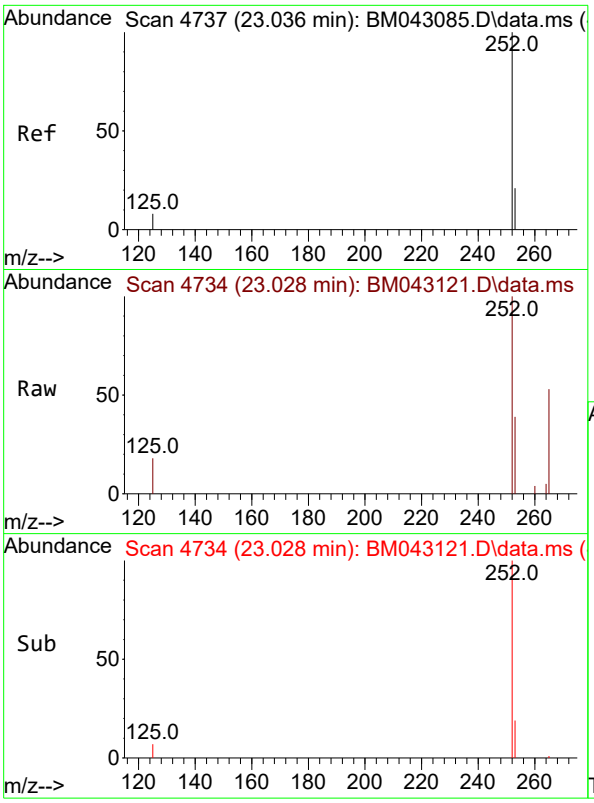


#22
Chrysene
Concen: 0.162 ng/ul
RT: 21.441 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Tgt Ion:228 Resp: 2311

Ion	Ratio	Lower	Upper
228	100		
226	35.1	27.2	40.8
229	25.6	18.0	27.0



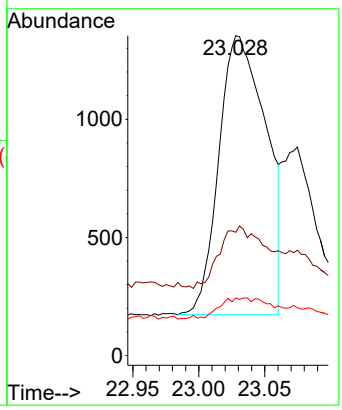


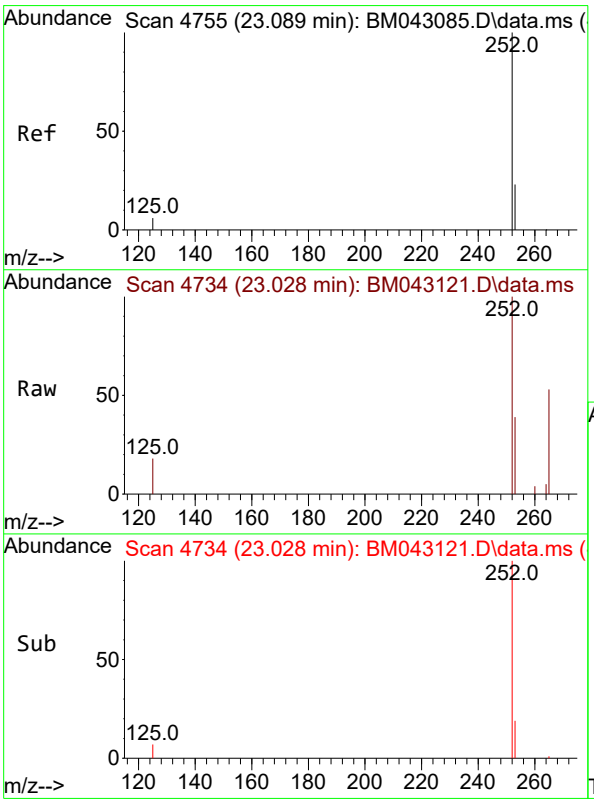
#24
Benzo(b)fluoranthene
Concen: 0.239 ng/ul
RT: 23.028 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Tgt Ion:252 Resp: 2922

Ion	Ratio	Lower	Upper
252	100		
253	38.6	0.0	71.8
125	18.0	0.0	29.0

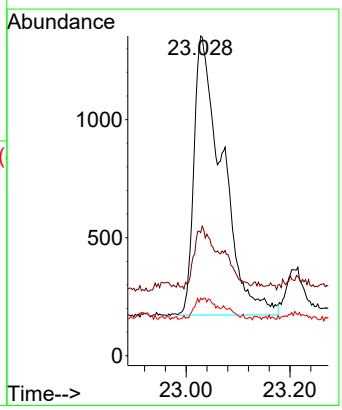


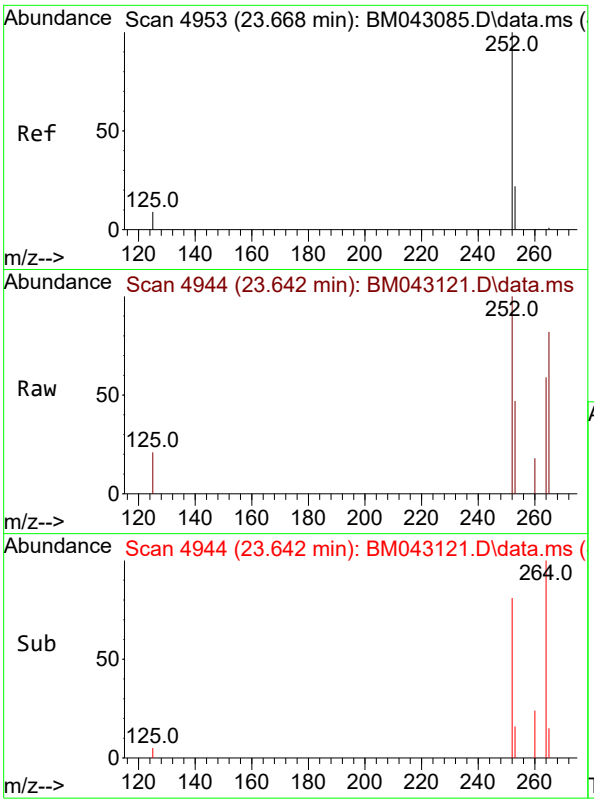


#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.049 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Tgt Ion:252 Resp: 4469

Ion	Ratio	Lower	Upper
252	100		
253	38.6	28.2	42.2
125	18.0	11.0	16.6#



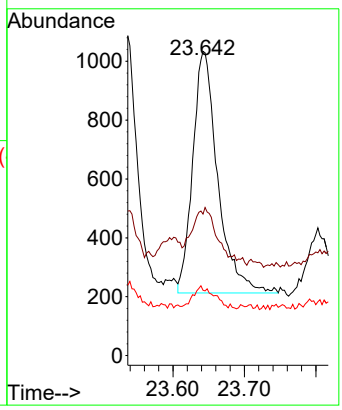


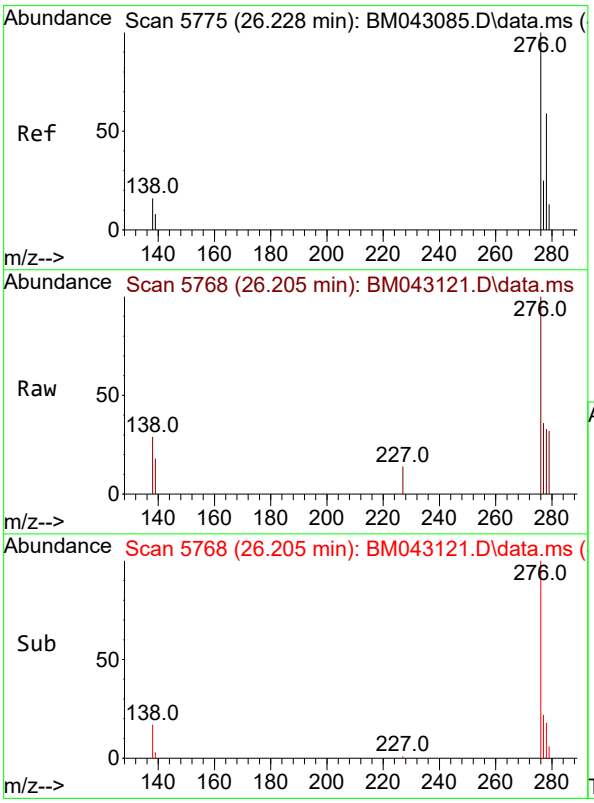
#26
Benzo(a)pyrene
Concen: 0.150 ng/ul
RT: 23.642 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Tgt Ion:252 Resp: 1998

Ion	Ratio	Lower	Upper
252	100		
253	46.5	36.6	55.0
125	21.5	16.2	24.4

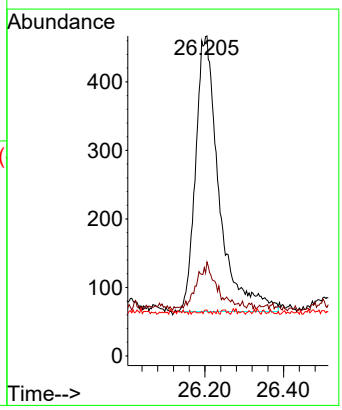


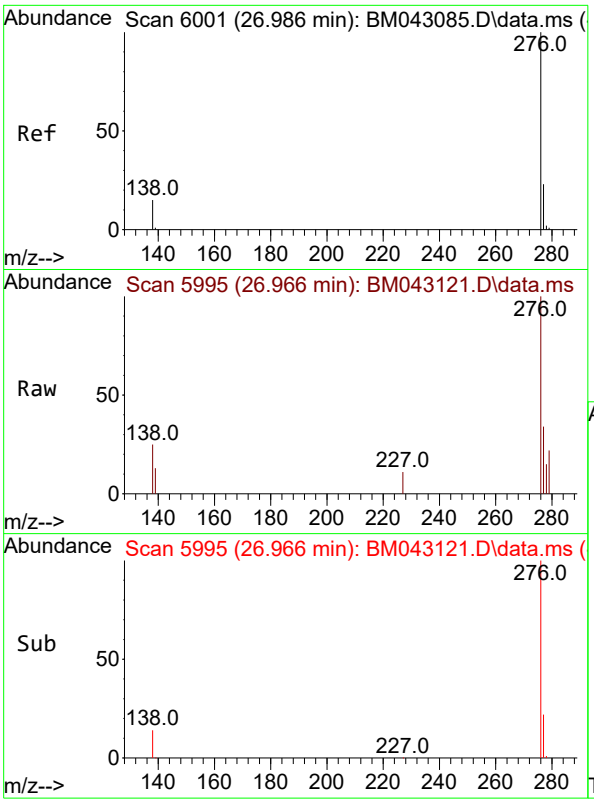


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng/ul
RT: 26.205 min Scan# 5768
Delta R.T. 0.000 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Tgt Ion:276 Resp: 1662

Ion	Ratio	Lower	Upper
276	100		
138	13.7	0.0	0.0#
227	0.2	0.2	0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.116 ng/ul
RT: 26.966 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM043121.D
Acq: 01 Dec 2023 13:59

Instrument :
BNA_M
ClientSampleId :
C0AB7DL

Tgt Ion:276 Resp: 2033

Ion	Ratio	Lower	Upper
276	100		
138	25.2	17.8	26.8
277	34.3	23.8	35.8