Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043075.D
Acq On : 28 Nov 2023 17:08
Operator : MA/JU
Sample : 05416-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2

Quant Time: Nov 28 23:38:51 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 : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	999	0.400	ng/ul	#-0.07
4) Naphthalene-d8	10.605	136	3256	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	1804	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.208	188	4349	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	3338	0.400	ng/ul	#-0.02
23) Perylene-d12	23.750	264	4392	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2060	1.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	645	0.148	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	1956	0.161	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.660	128	877	0.099	ng/ul	94
7) 2-Methylnaphthalene	12.288	142	805	0.154	ng/ul	98
8) 1-Methylnaphthalene	12.502	142	524	0.090	ng/ul	97
10) Acenaphthylene	14.177	152	636	0.069	ng/ul#	77
12) Fluorene	15.505	166	282	0.039	ng/ul#	89
15) Phenanthrene	17.250	178	3918	0.316	ng/ul	97
16) Anthracene	17.250	178	3793	0.323	ng/ul	93
19) Fluoranthene	19.270	202	11198	0.592	ng/ul#	93
20) Pyrene	19.633	202	11595	0.576	ng/ul#	95
21) Benzo(a)anthracene	21.386	228	8385	0.774	ng/ul	96
22) Chrysene	21.438	228	7320	0.363	ng/ul	98
24) Benzo(b)fluoranthene	23.025	252	9190	0.620	ng/ul	89
25) Benzo(k)fluoranthene	23.025	252	13384	0.656	ng/ul#	90
26) Benzo(a)pyrene	23.636	252	5623	0.348	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.205	276	3501	0.160	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.212	278	806	0.048	ng/ul#	62
29) Benzo(g,h,i)perylene	26.970	276	3169	0.149	ng/ul	96

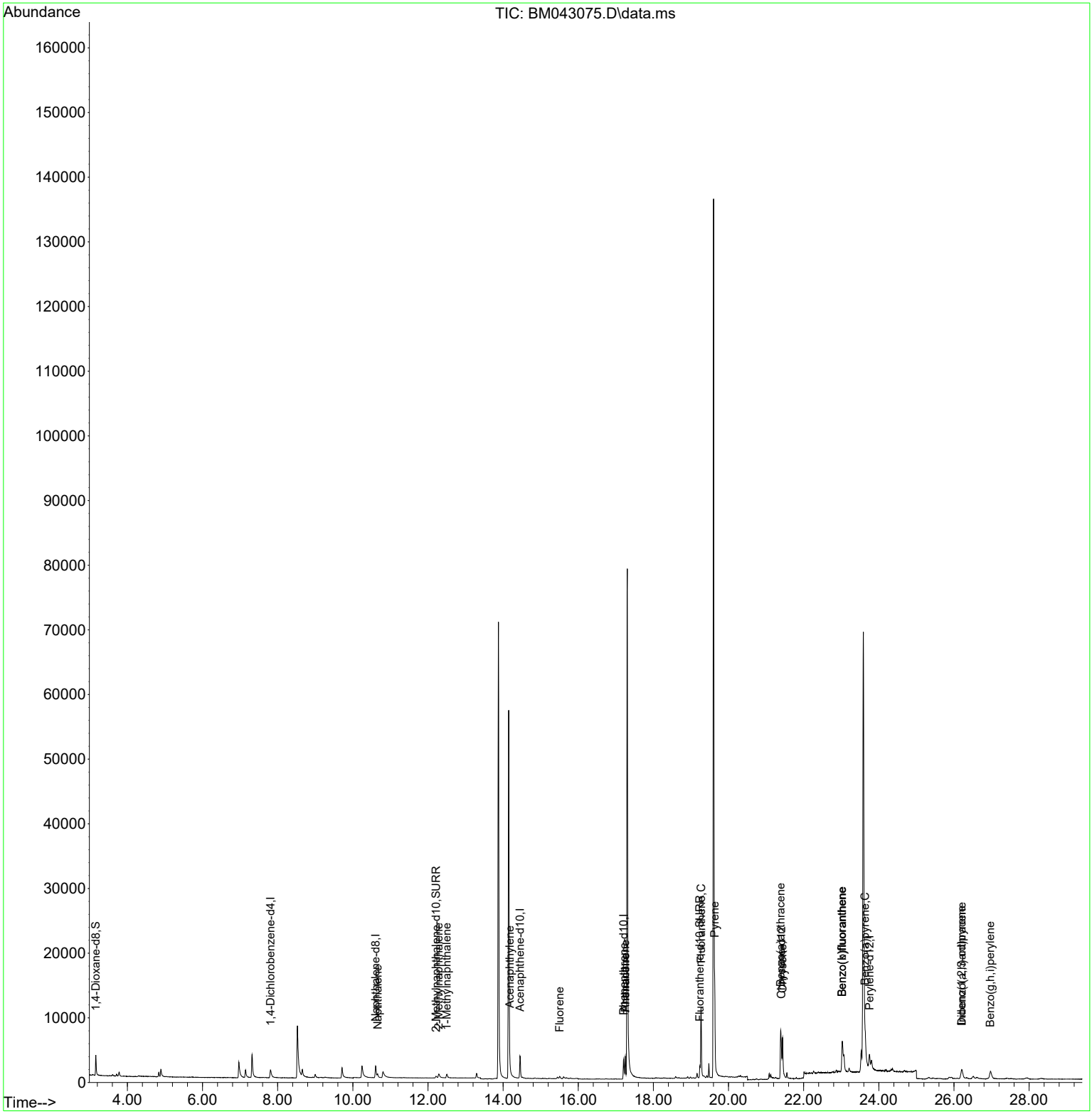
(#) = qualifier out of range (m) = manual integration (+) = signals summed

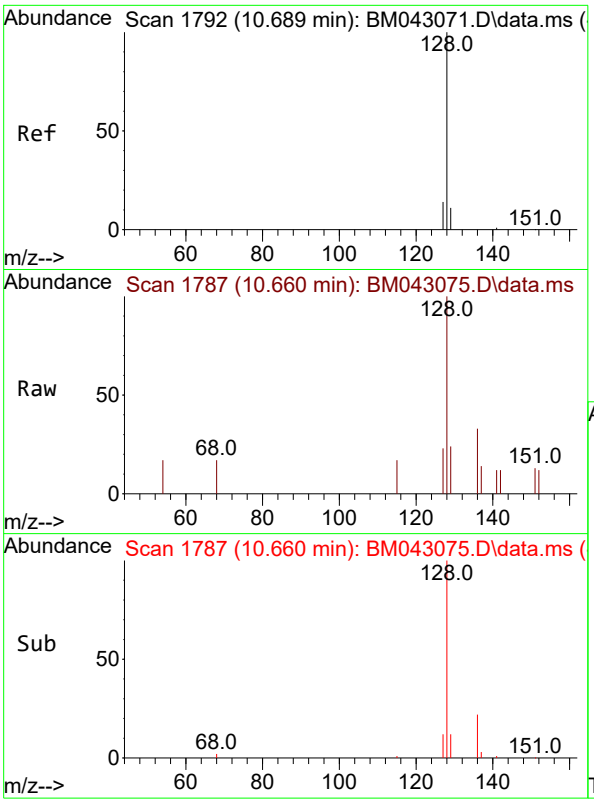
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043075.D
Acq On : 28 Nov 2023 17:08
Operator : MA/JU
Sample : 05416-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2

Quant Time: Nov 28 23:38:51 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 : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration



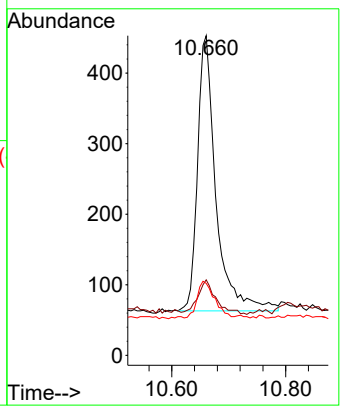


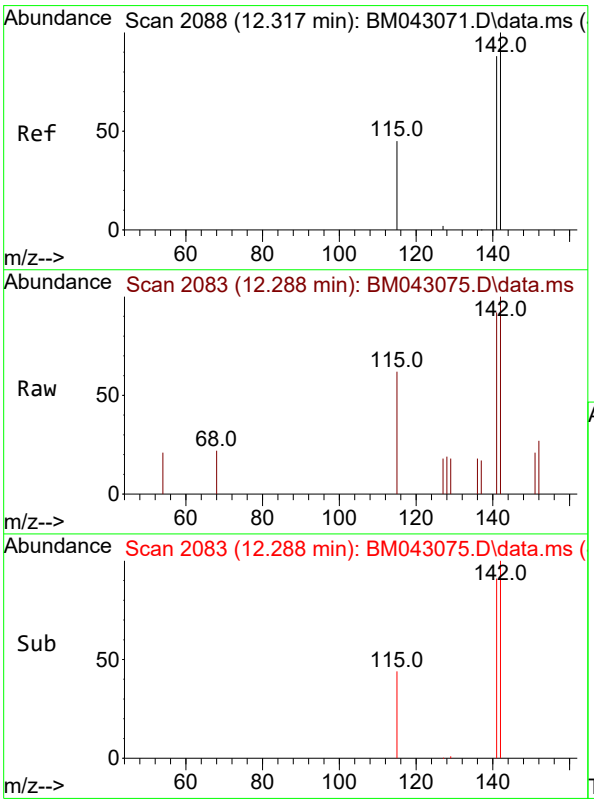
#5
Naphthalene
Concen: 0.099 ng/ul
RT: 10.660 min Scan# 1
Delta R.T. -0.038 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:128 Resp: 877

Ion	Ratio	Lower	Upper
128	100		
129	23.6	16.0	24.0
127	22.5	16.5	24.7

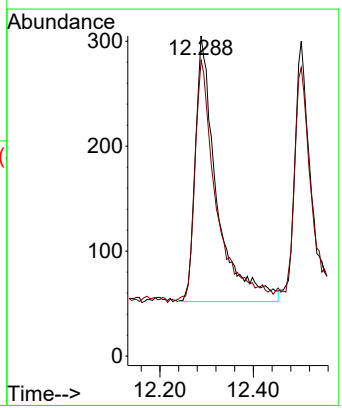


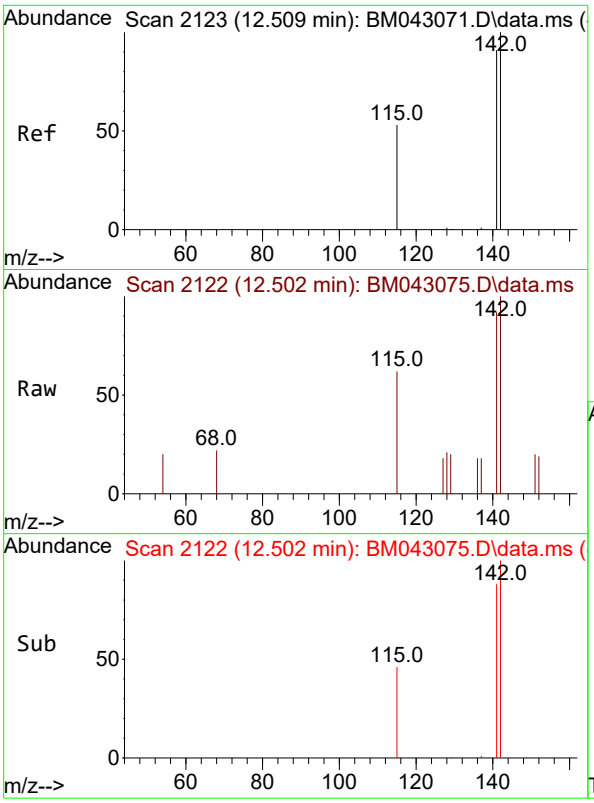


#7
2-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.288 min Scan# 2083
Delta R.T. -0.044 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Tgt Ion:142 Resp: 805

Ion	Ratio	Lower	Upper
142	100		
141	93.4	76.1	114.1



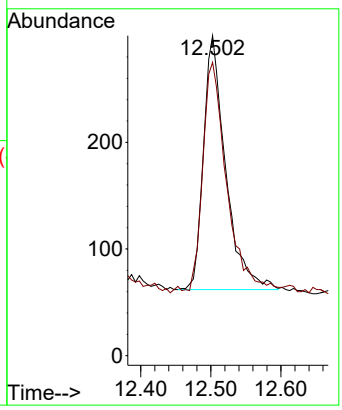


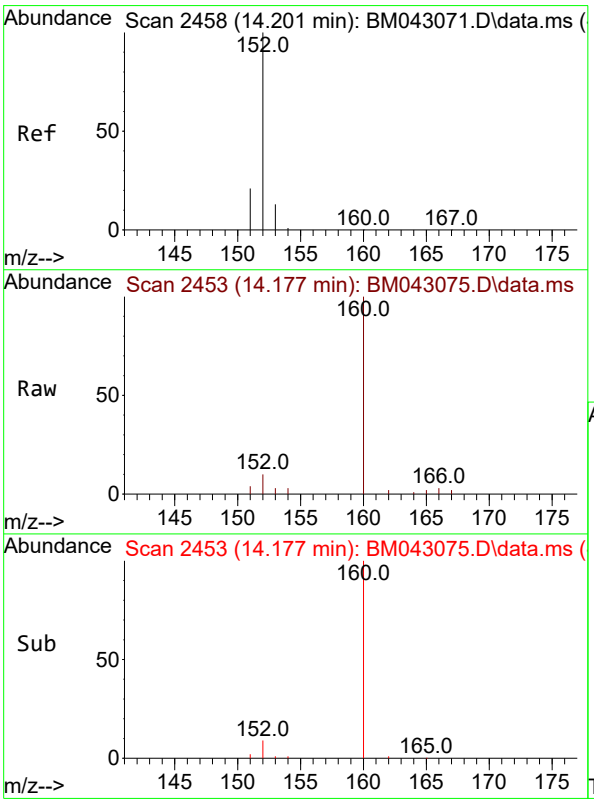
#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.502 min Scan# 21
Delta R.T. -0.016 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:142 Resp: 524

Ion	Ratio	Lower	Upper
142	100		
141	95.4	73.8	110.8

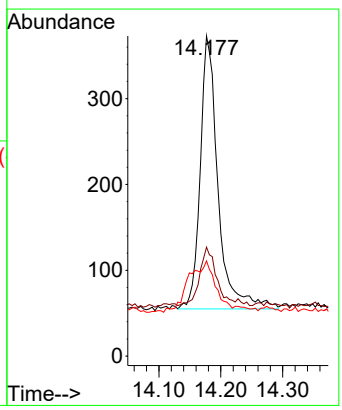


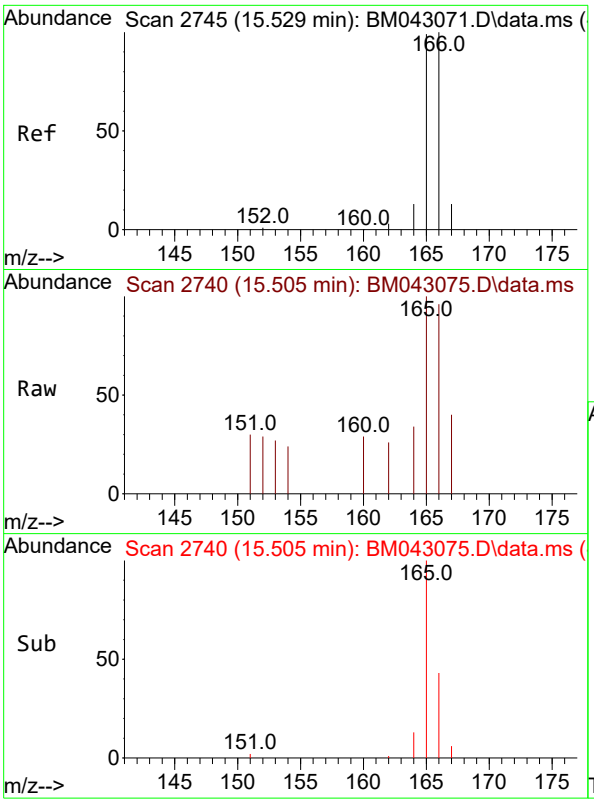


#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.028 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Tgt Ion:152 Resp: 636

Ion	Ratio	Lower	Upper
152	100		
151	34.0	19.4	29.0#
153	29.8	14.6	21.8#



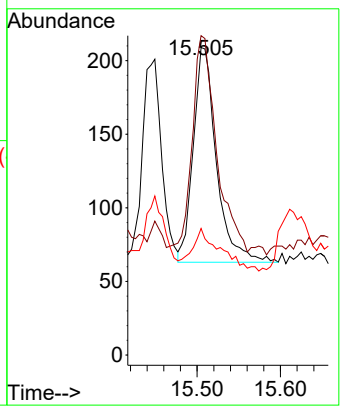


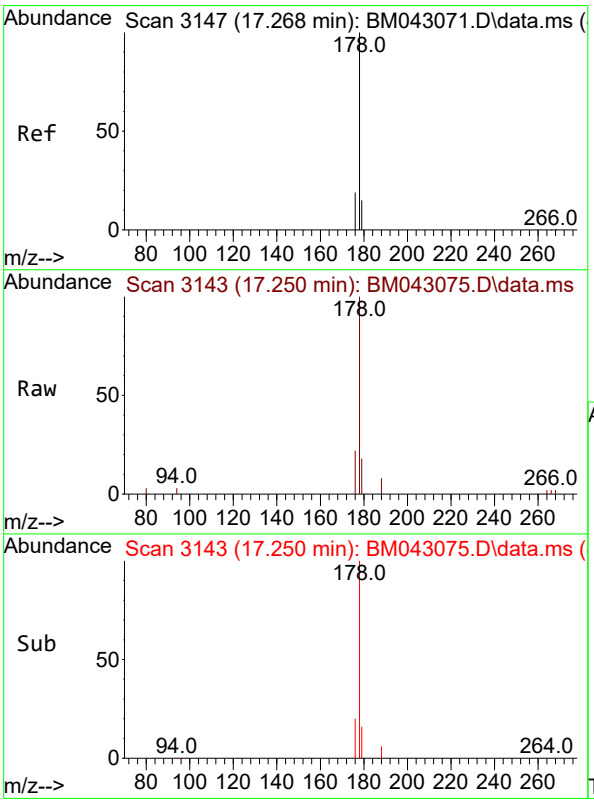
#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.505 min Scan# 2
Delta R.T. -0.032 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:166 Resp: 282

Ion	Ratio	Lower	Upper
166	100		
165	103.8	79.9	119.9
167	41.1	14.2	21.4#

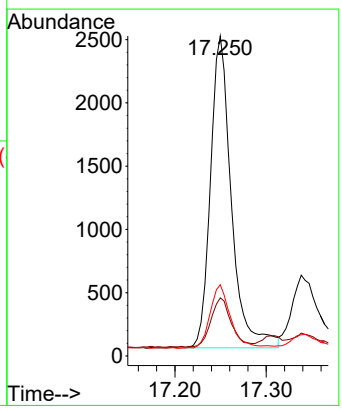


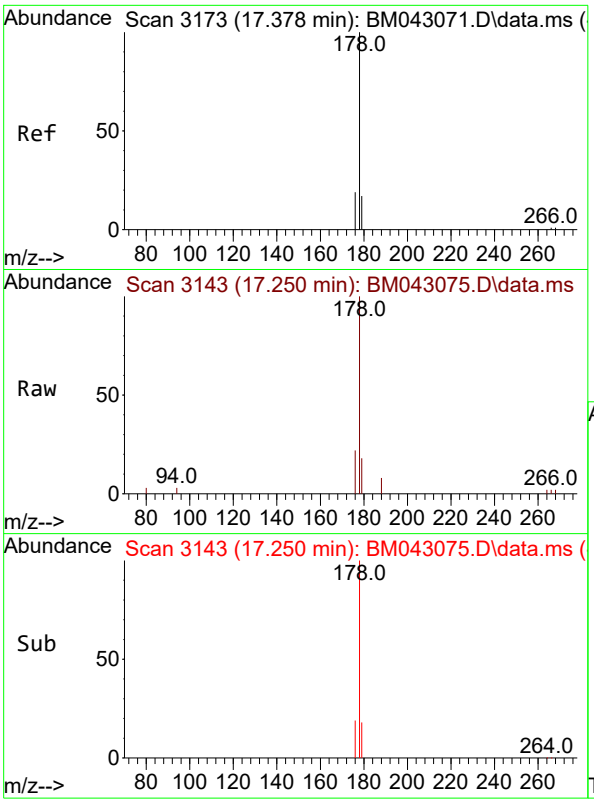


#15
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.250 min Scan# 3143
Delta R.T. -0.029 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Tgt Ion:178 Resp: 3918

Ion	Ratio	Lower	Upper
178	100		
179	18.1	15.7	23.5
176	22.3	18.9	28.3



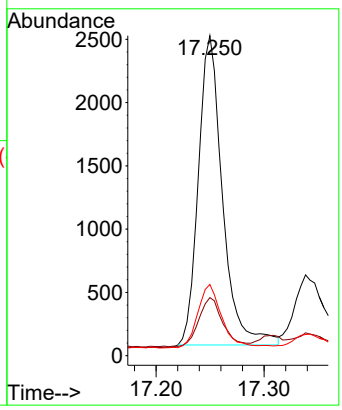


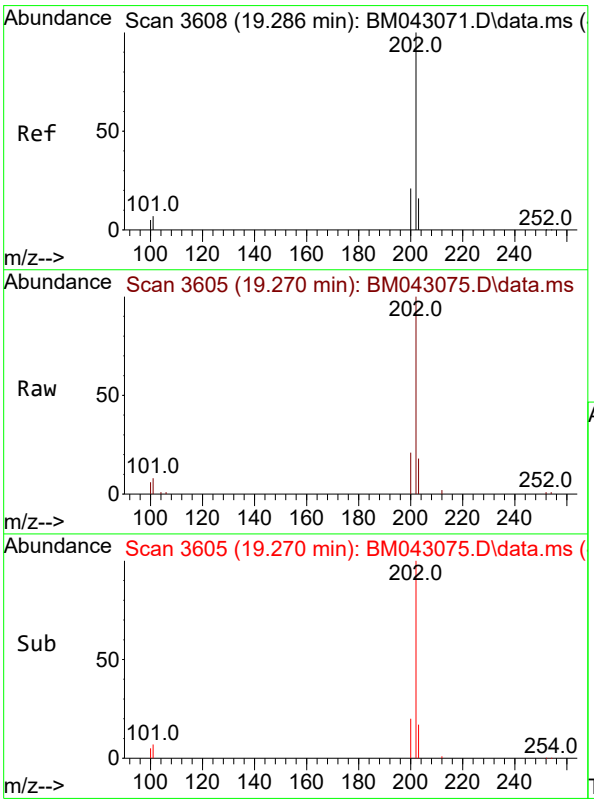
#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.250 min Scan# 3
Delta R.T. -0.143 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:178 Resp: 3793

Ion	Ratio	Lower	Upper
178	100		
179	18.1	17.3	25.9
176	22.3	20.5	30.7

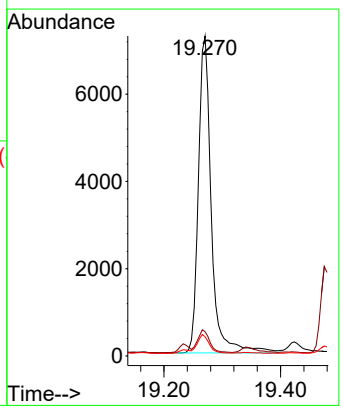


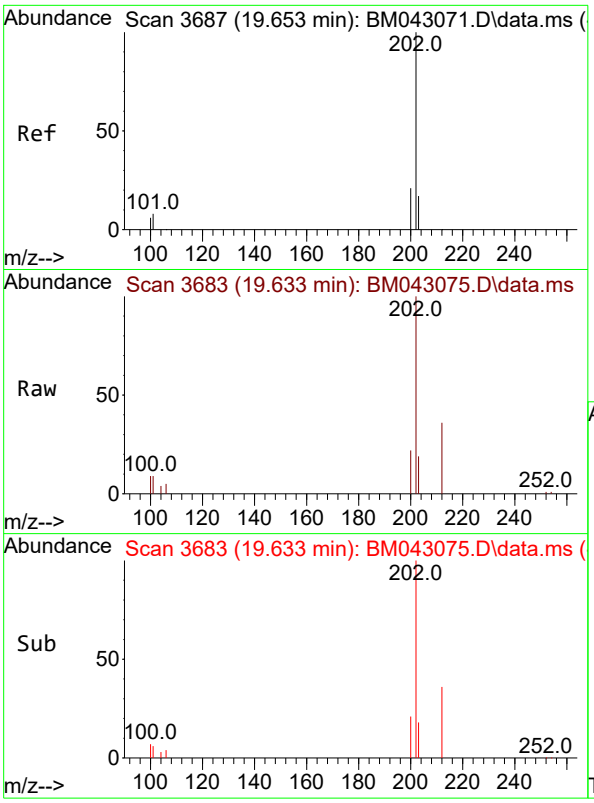


#19
Fluoranthene
Concen: 0.592 ng/ul
RT: 19.270 min Scan# 3605
Delta R.T. -0.023 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Tgt Ion:202 Resp: 11198

Ion	Ratio	Lower	Upper
202	100		
101	7.6	7.8	11.8#
100	6.0	7.1	10.7#



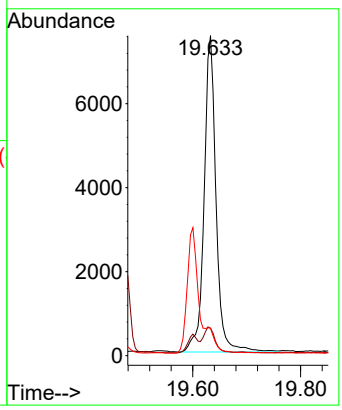


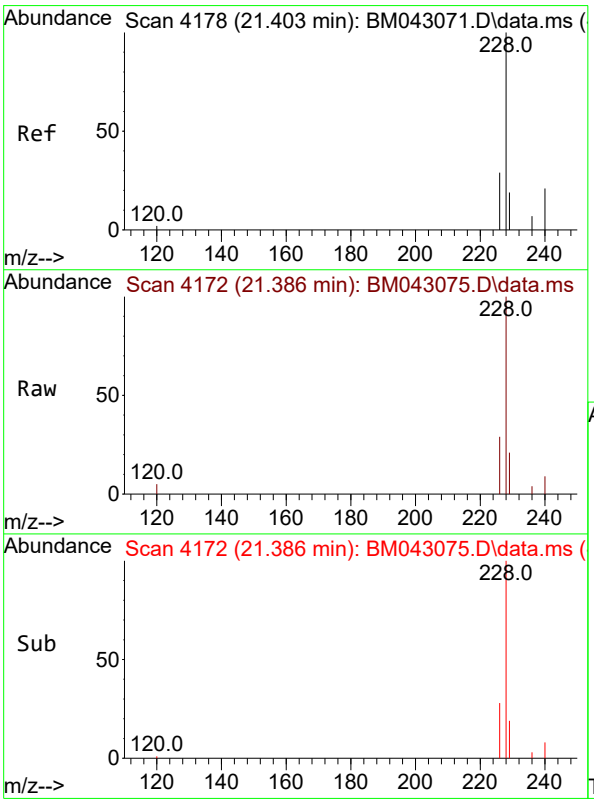
#20
Pyrene
Concen: 0.576 ng/ul
RT: 19.633 min Scan# 3
Delta R.T. -0.028 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:202 Resp: 11595

Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.7	13.1#
100	8.5	7.8	11.8

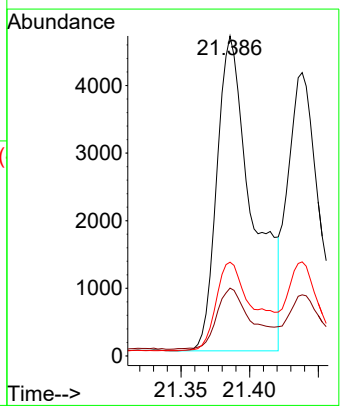


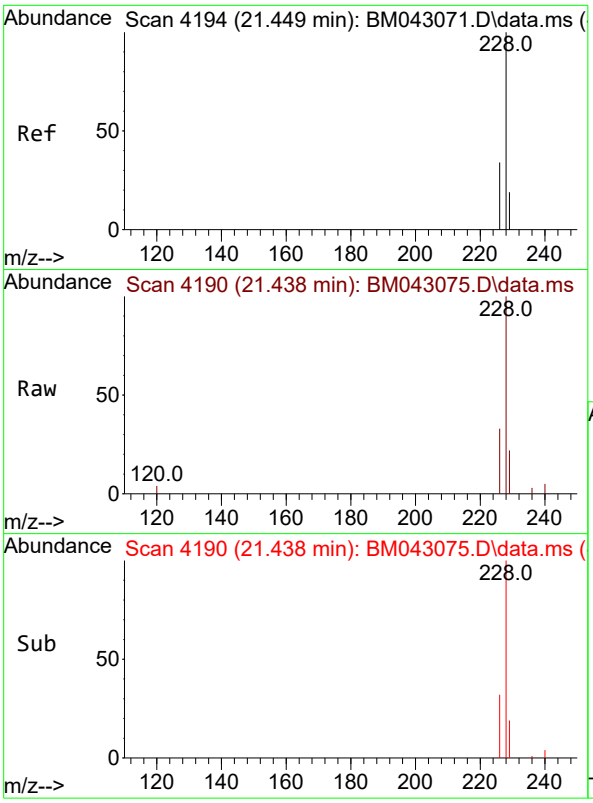


#21
Benzo(a)anthracene
Concen: 0.774 ng/ul
RT: 21.386 min Scan# 4172
Delta R.T. -0.026 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Tgt Ion:228 Resp: 8385

Ion	Ratio	Lower	Upper
228	100		
229	21.2	19.4	29.0
226	29.3	24.9	37.3



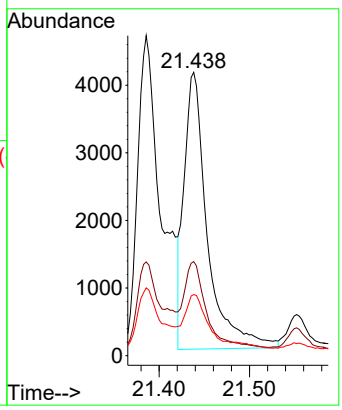


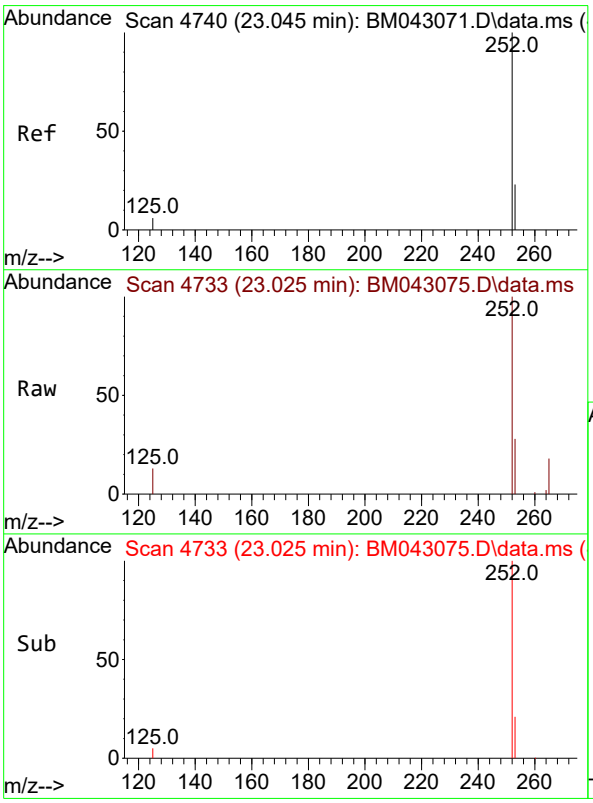
#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.438 min Scan# 4
Delta R.T. -0.020 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:228 Resp: 7320

Ion	Ratio	Lower	Upper
228	100		
226	33.2	27.2	40.8
229	21.5	18.0	27.0

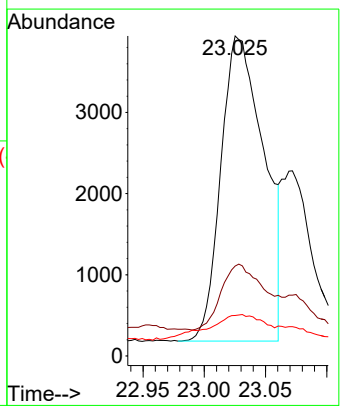


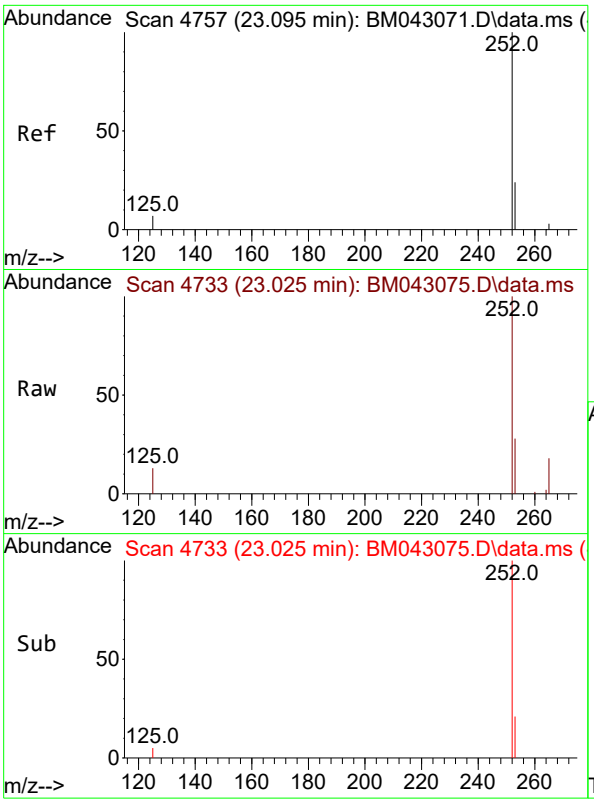


#24
Benzo(b)fluoranthene
Concen: 0.620 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.026 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Tgt Ion:252 Resp: 9190

Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	71.8
125	12.7	0.0	29.0



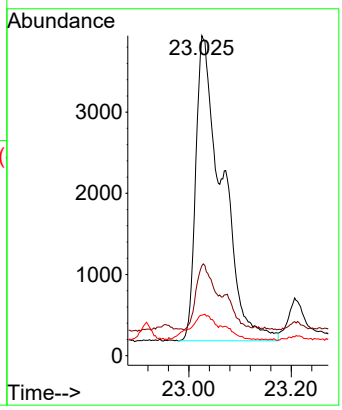


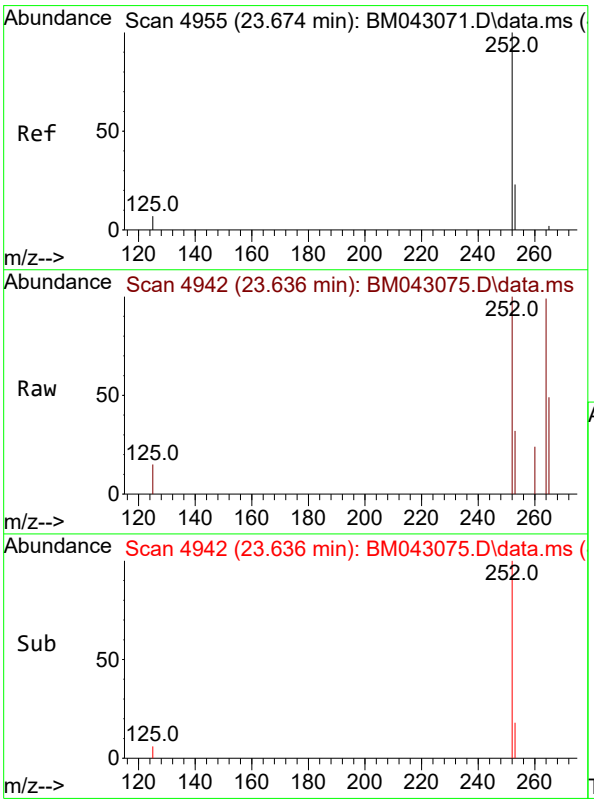
#25
Benzo(k)fluoranthene
Concen: 0.656 ng/ul
RT: 23.025 min Scan# 4
Delta R.T. -0.073 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:252 Resp: 13384

Ion	Ratio	Lower	Upper
252	100		
253	28.1	28.2	42.2#
125	12.7	11.0	16.6

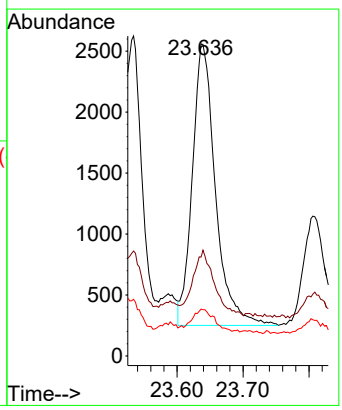


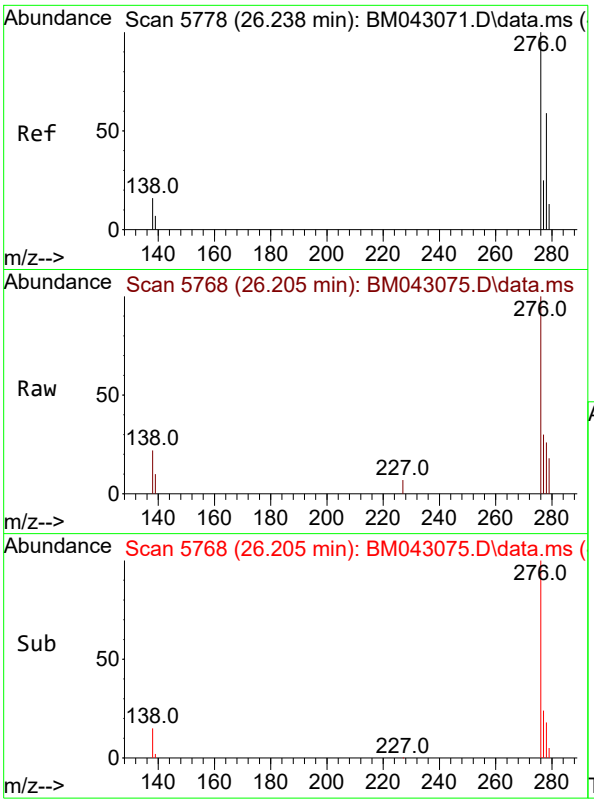


#26
Benzo(a)pyrene
Concen: 0.348 ng/ul
RT: 23.636 min Scan# 4942
Delta R.T. -0.050 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Tgt Ion:252 Resp: 5623

Ion	Ratio	Lower	Upper
252	100		
253	31.7	36.6	55.0#
125	15.0	16.2	24.4#



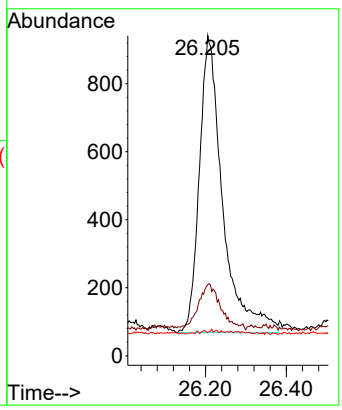


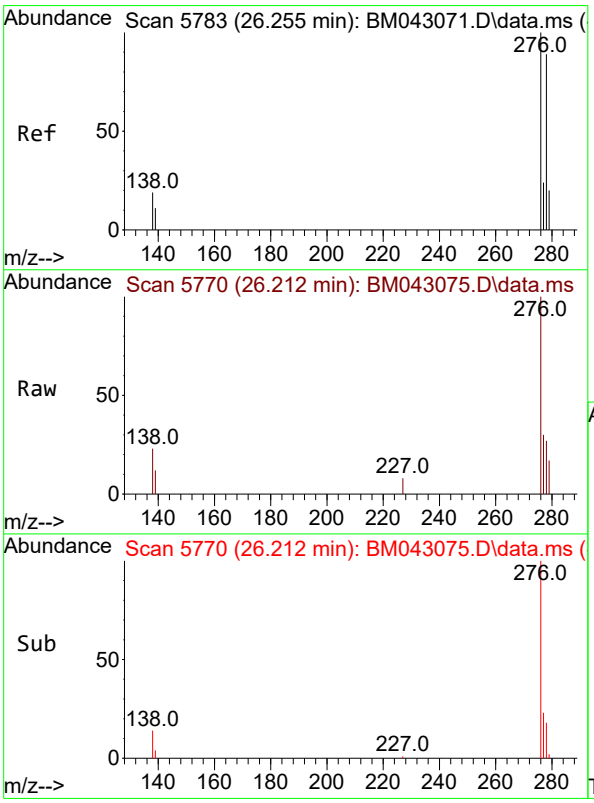
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/ul
RT: 26.205 min Scan# 5
Delta R.T. -0.033 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:276 Resp: 3501

Ion	Ratio	Lower	Upper
276	100		
138	13.5	0.0	0.0#
227	0.1	0.2	0.2#

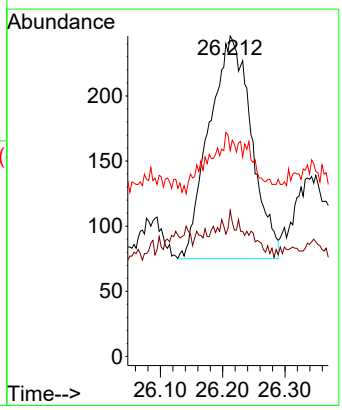


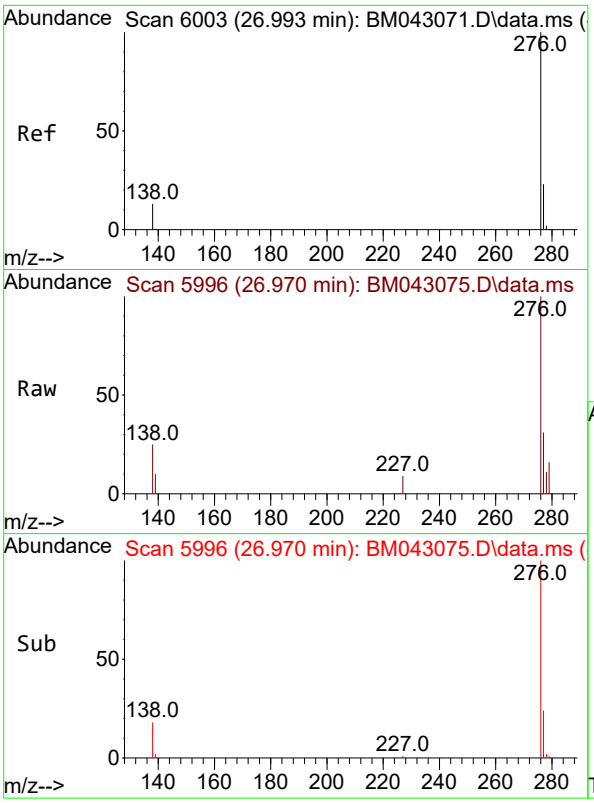


#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 26.212 min Scan# 5770
Delta R.T. -0.064 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Tgt Ion:278 Resp: 806

Ion	Ratio	Lower	Upper
278	100		
139	45.5	18.1	27.1#
279	64.2	34.4	51.6#





#29
Benzo(g,h,i)perylene
Concen: 0.149 ng/ul
RT: 26.970 min Scan# 5
Delta R.T. -0.040 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

Instrument :
BNA_M
ClientSampleId :
C0AH2

Tgt Ion:276 Resp: 3169

Ion	Ratio	Lower	Upper
276	100		
138	25.4	17.8	26.8
277	30.6	23.8	35.8