Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043077.D
Acq On : 28 Nov 2023 18:21
Operator : MA/JU
Sample : 05416-23DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Quant Time: Nov 28 23:39:13 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	7.813	152	801	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	2883	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	1382	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	2959	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	2125	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	3445	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1090	0.887	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	392	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	909	0.117	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.667	128	306	0.039	ng/ul#	54
7) 2-Methylnaphthalene	12.311	142	245	0.053	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	174	0.034	ng/ul	95
10) Acenaphthylene	14.183	152	273	0.039	ng/ul#	55
11) Acenaphthene	14.516	153	2680	0.502	ng/ul	96
12) Fluorene	15.511	166	2773	0.505	ng/ul	98
15) Phenanthrene	17.251	178	4970	0.589	ng/ul	96
16) Anthracene	17.251	178	4655	0.582	ng/ul	93
19) Fluoranthene	19.272	202	11033	0.916	ng/ul#	93
20) Pyrene	19.634	202	9725	0.759	ng/ul#	94
21) Benzo(a)anthracene	21.388	228	3642	0.528	ng/ul	98
22) Chrysene	21.444	228	3726	0.290	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	4647	0.400	ng/ul	96
25) Benzo(k)fluoranthene	23.031	252	6935	0.433	ng/ul	96
26) Benzo(a)pyrene	23.642	252	3001	0.237	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.215	276	2449	0.143	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.225	278	489	0.037	ng/ul#	38
29) Benzo(g,h,i)perylene	26.976	276	2272	0.136	ng/ul	93

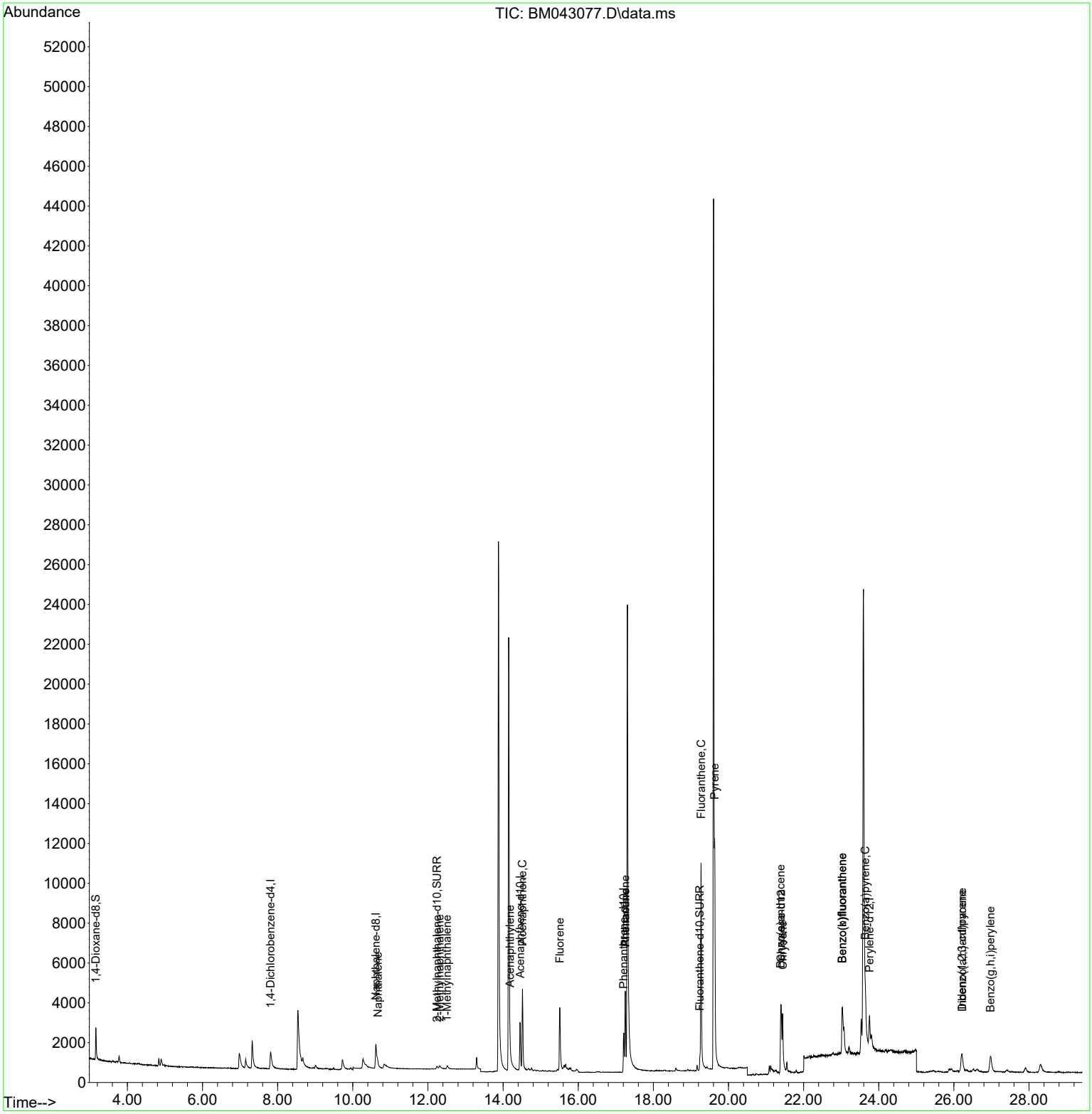
(#) = qualifier out of range (m) = manual integration (+) = signals summed

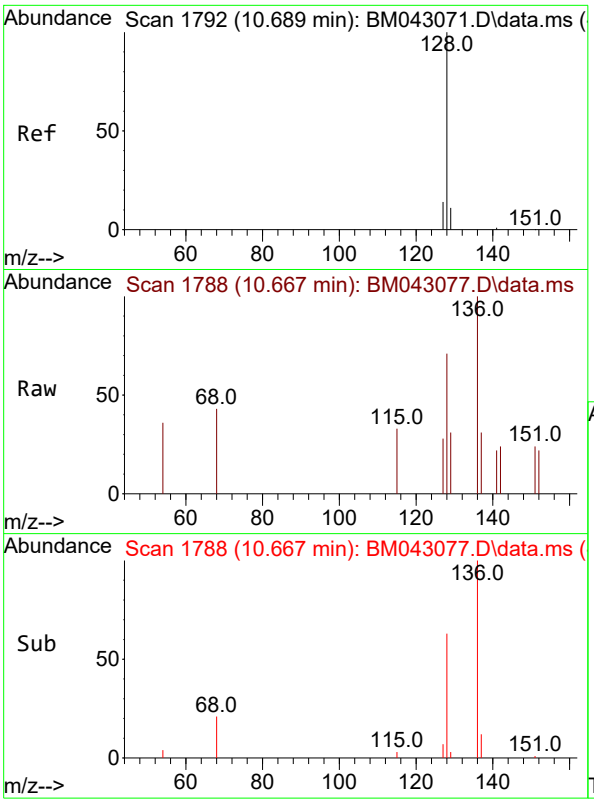
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043077.D
Acq On : 28 Nov 2023 18:21
Operator : MA/JU
Sample : 05416-23DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Quant Time: Nov 28 23:39:13 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



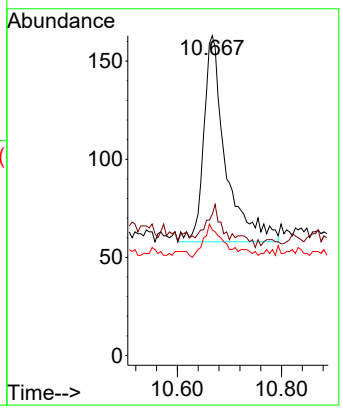


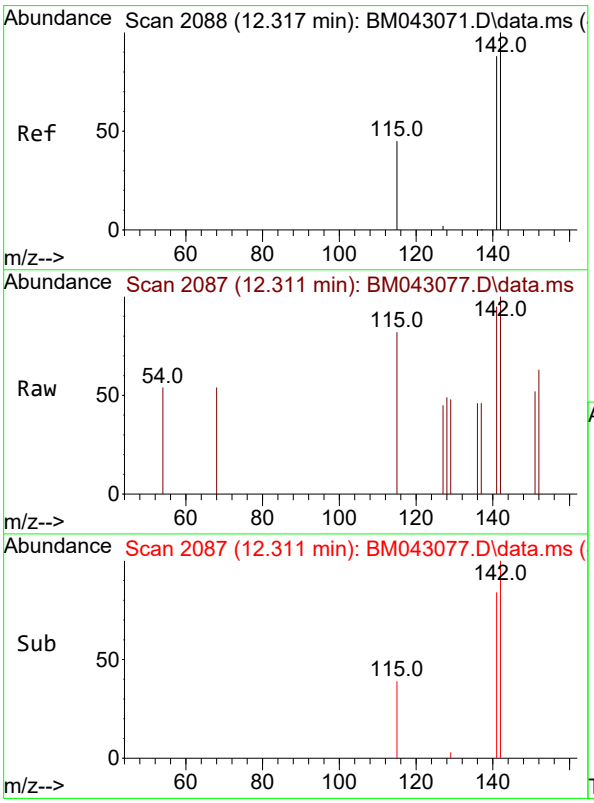
#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.667 min Scan# 1
Delta R.T. -0.032 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Tgt Ion:128 Resp: 306

Ion	Ratio	Lower	Upper
128	100		
129	44.2	16.0	24.0#
127	39.3	16.5	24.7#

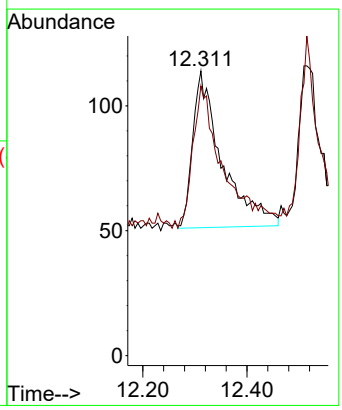


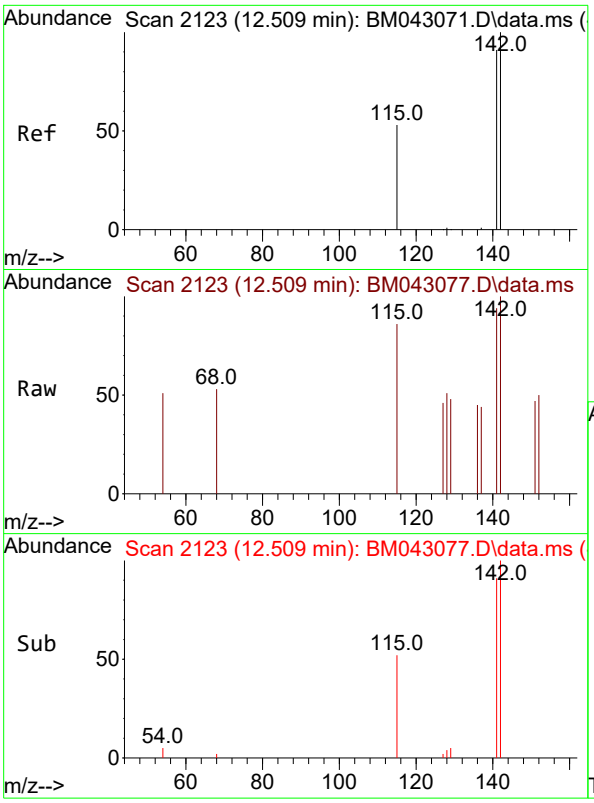


#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.311 min Scan# 2087
Delta R.T. -0.021 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Tgt Ion:142 Resp: 245

Ion	Ratio	Lower	Upper
142	100		
141	95.5	76.1	114.1



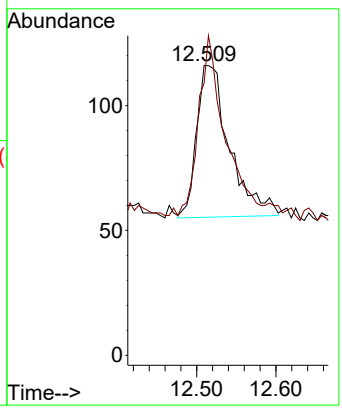


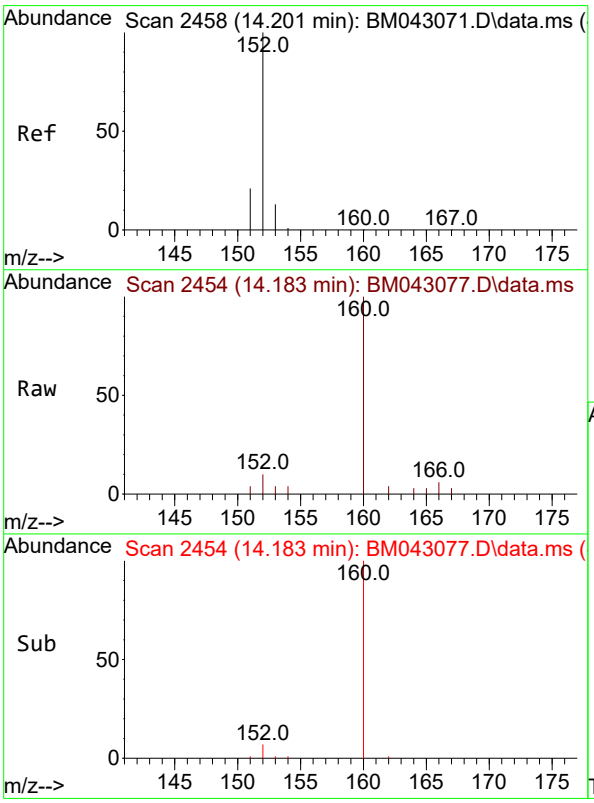
#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.509 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Tgt Ion:142 Resp: 174

Ion	Ratio	Lower	Upper
142	100		
141	97.1	73.8	110.8

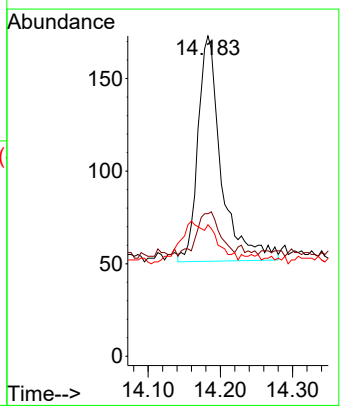


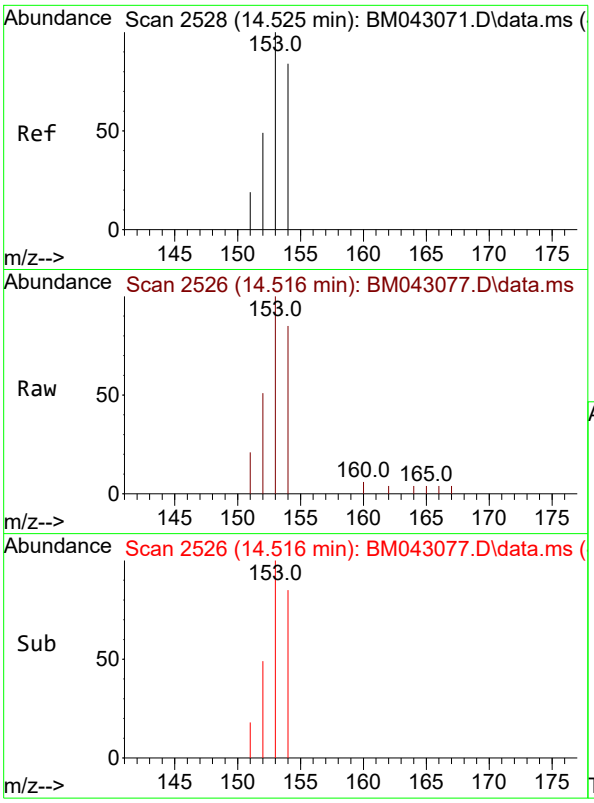


#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.183 min Scan# 2454
Delta R.T. -0.022 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Tgt Ion:152 Resp: 273

Ion	Ratio	Lower	Upper
152	100		
151	44.5	19.4	29.0#
153	41.0	14.6	21.8#



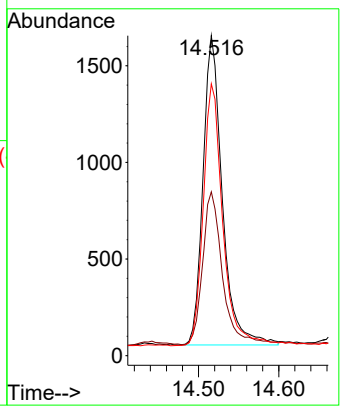


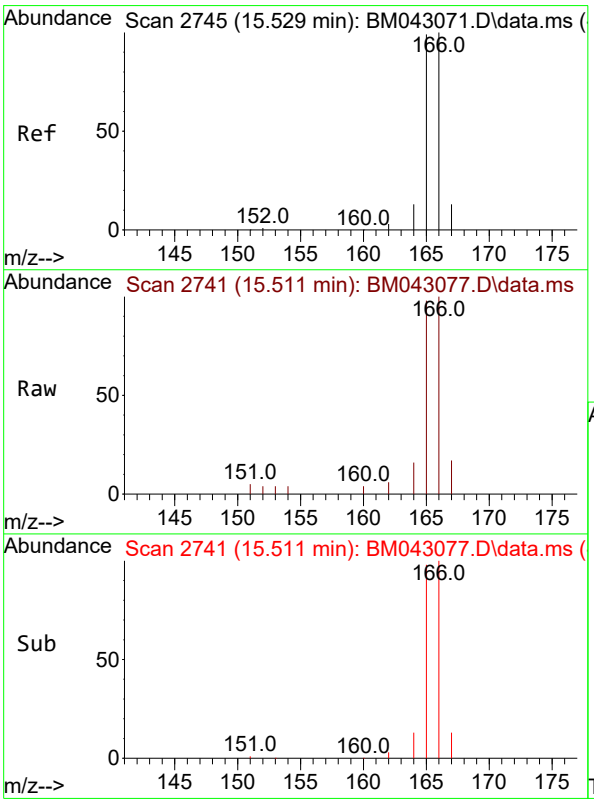
#11
Acenaphthene
Concen: 0.502 ng/ul
RT: 14.516 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Tgt Ion:153 Resp: 2680

Ion	Ratio	Lower	Upper
153	100		
152	51.2	43.9	65.9
154	85.0	70.6	105.8

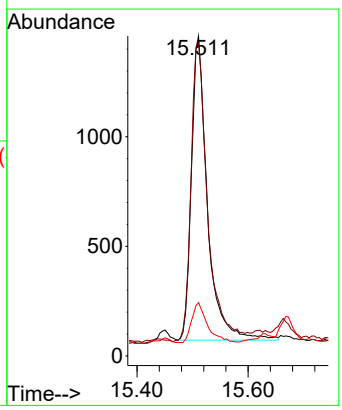


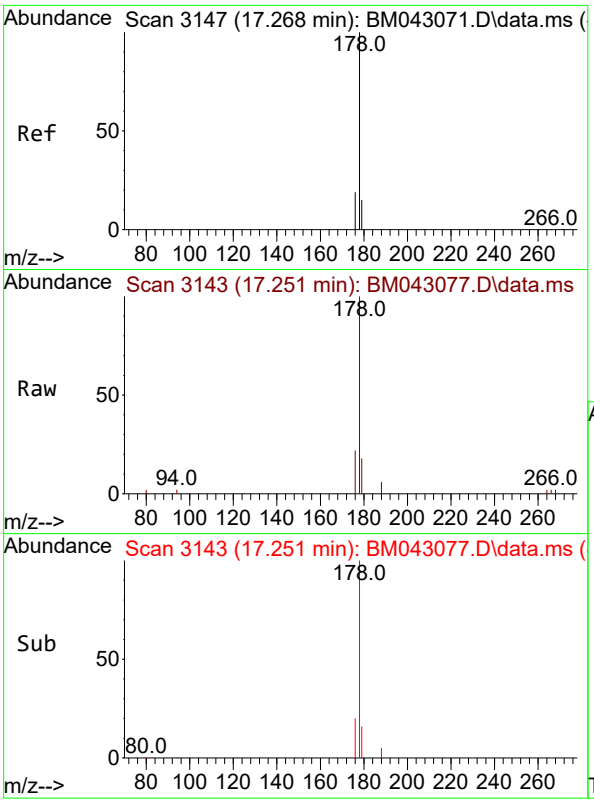


#12
Fluorene
Concen: 0.505 ng/ul
RT: 15.511 min Scan# 2741
Delta R.T. -0.026 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Tgt Ion:166 Resp: 2773

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.9	119.9
167	16.6	14.2	21.4



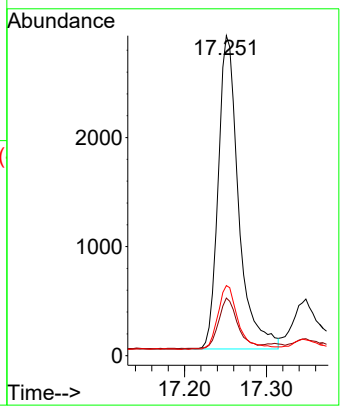


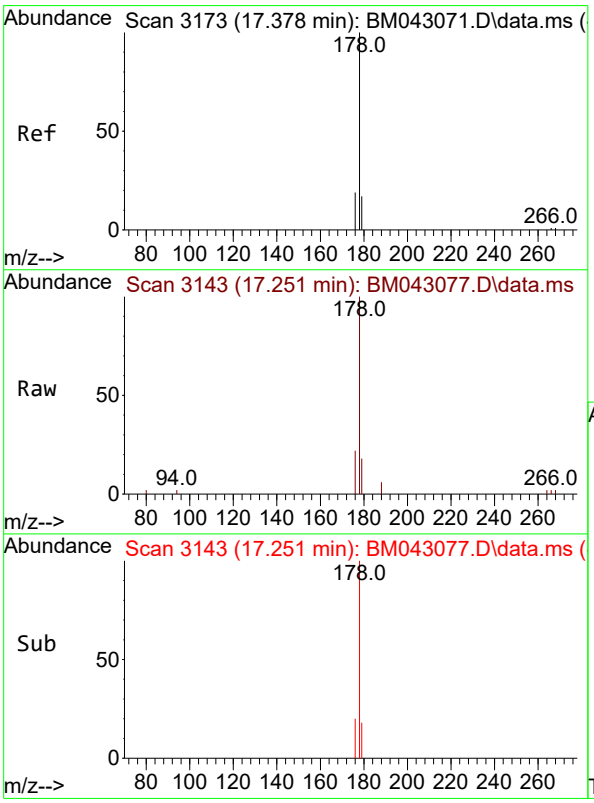
#15
Phenanthrene
Concen: 0.589 ng/ul
RT: 17.251 min Scan# 3
Delta R.T. -0.028 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Tgt Ion:178 Resp: 4970

Ion	Ratio	Lower	Upper
178	100		
179	18.0	15.7	23.5
176	21.9	18.9	28.3

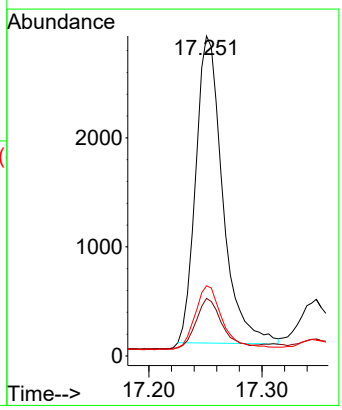


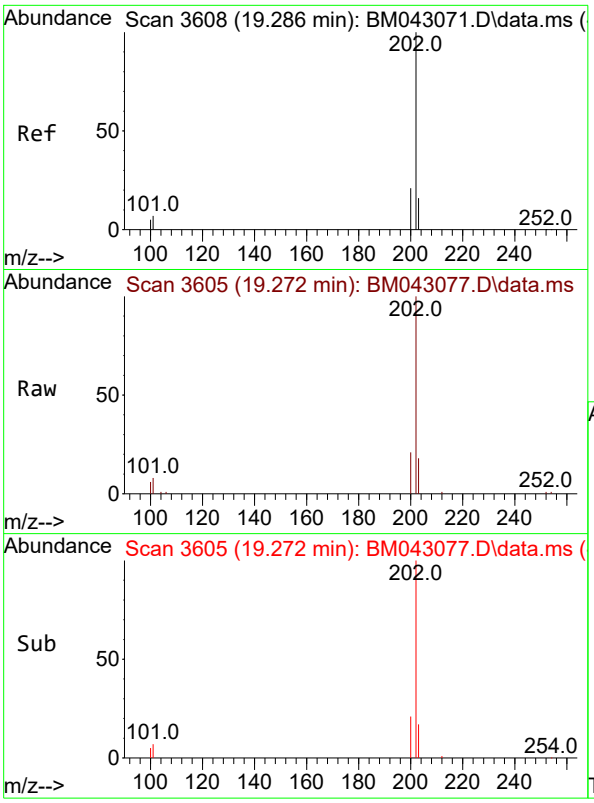


#16
Anthracene
Concen: 0.582 ng/ul
RT: 17.251 min Scan# 3143
Delta R.T. -0.142 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Tgt Ion:178 Resp: 4655

Ion	Ratio	Lower	Upper
178	100		
179	18.0	17.3	25.9
176	21.9	20.5	30.7



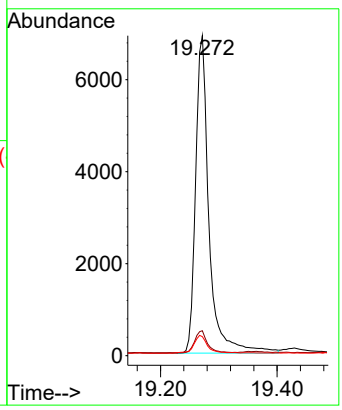


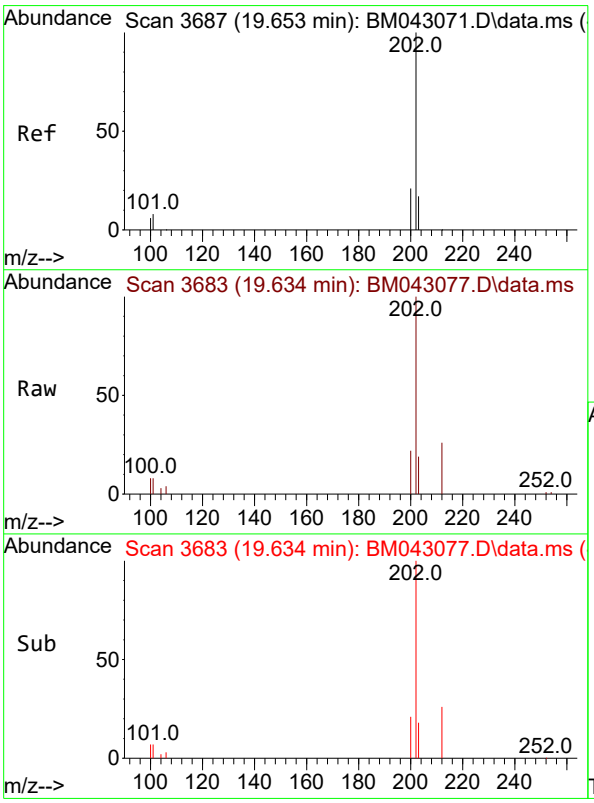
#19
Fluoranthene
Concen: 0.916 ng/ul
RT: 19.272 min Scan# 3
Delta R.T. -0.022 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Tgt Ion:202 Resp: 11033

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.8	11.8#
100	5.9	7.1	10.7#

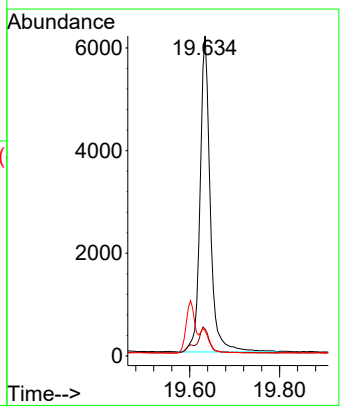


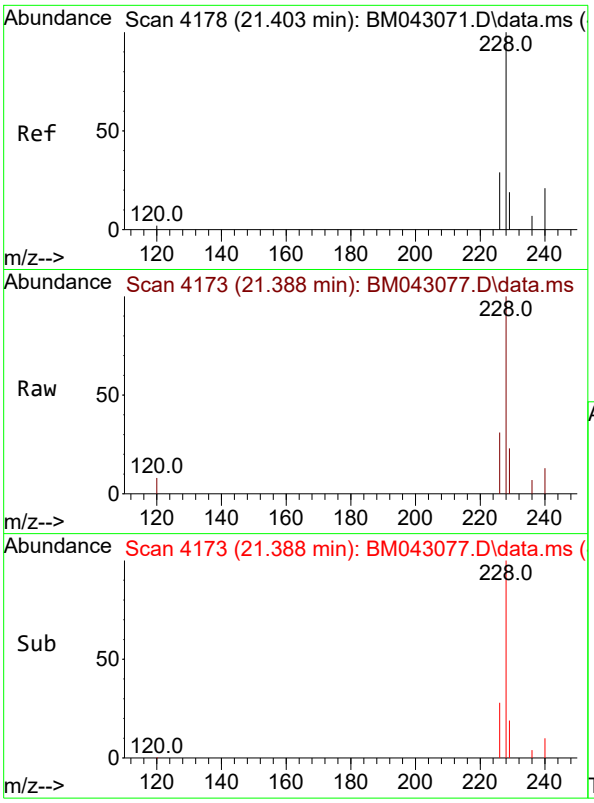


#20
Pyrene
Concen: 0.759 ng/ul
RT: 19.634 min Scan# 3683
Delta R.T. -0.026 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Tgt Ion:202 Resp: 9725

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.7	13.1#
100	7.9	7.8	11.8



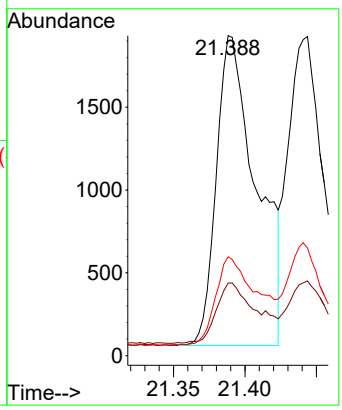


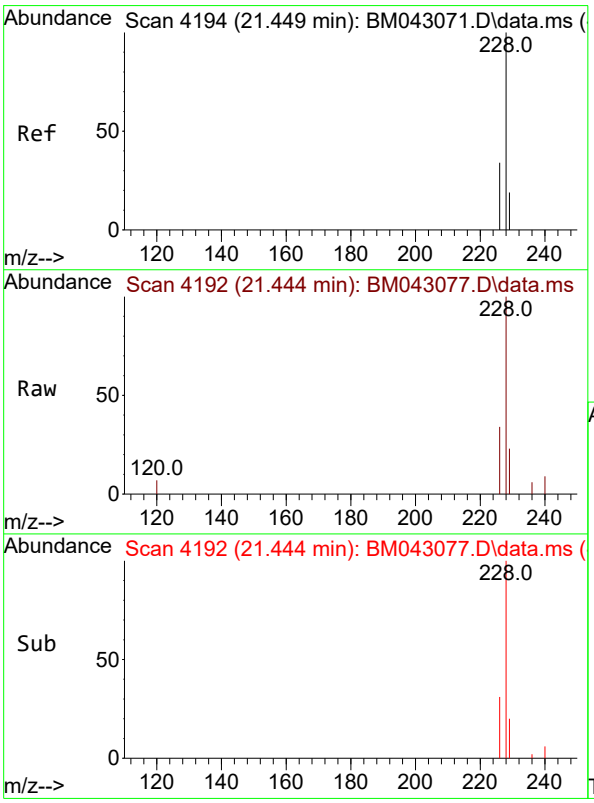
#21
Benzo(a)anthracene
Concen: 0.528 ng/ul
RT: 21.388 min Scan# 4
Delta R.T. -0.024 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Tgt Ion:228 Resp: 3642

Ion	Ratio	Lower	Upper
228	100		
229	22.7	19.4	29.0
226	30.9	24.9	37.3

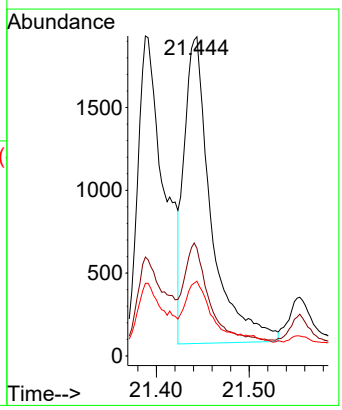


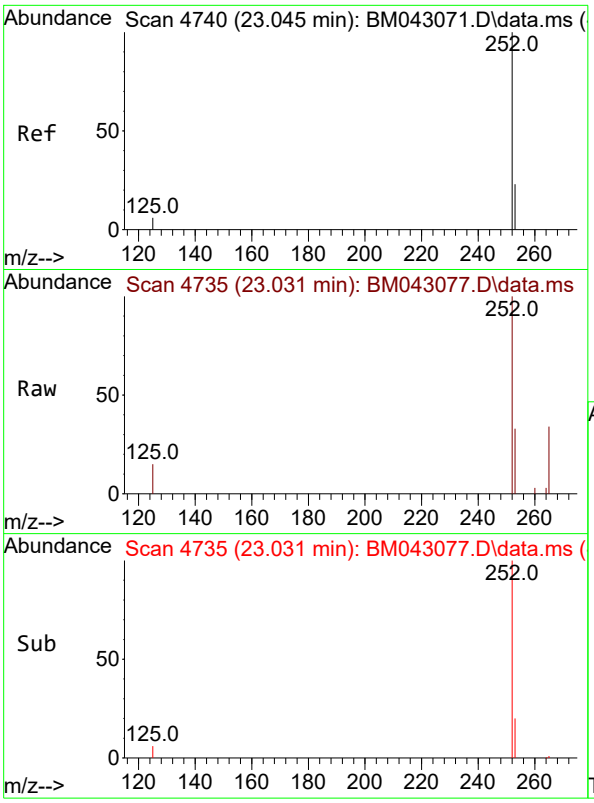


#22
Chrysene
Concen: 0.290 ng/ul
RT: 21.444 min Scan# 4192
Delta R.T. -0.015 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Tgt Ion:228 Resp: 3726

Ion	Ratio	Lower	Upper
228	100		
226	33.7	27.2	40.8
229	23.4	18.0	27.0



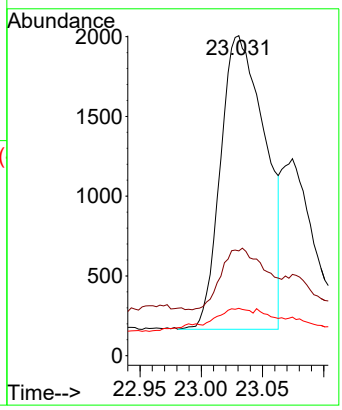


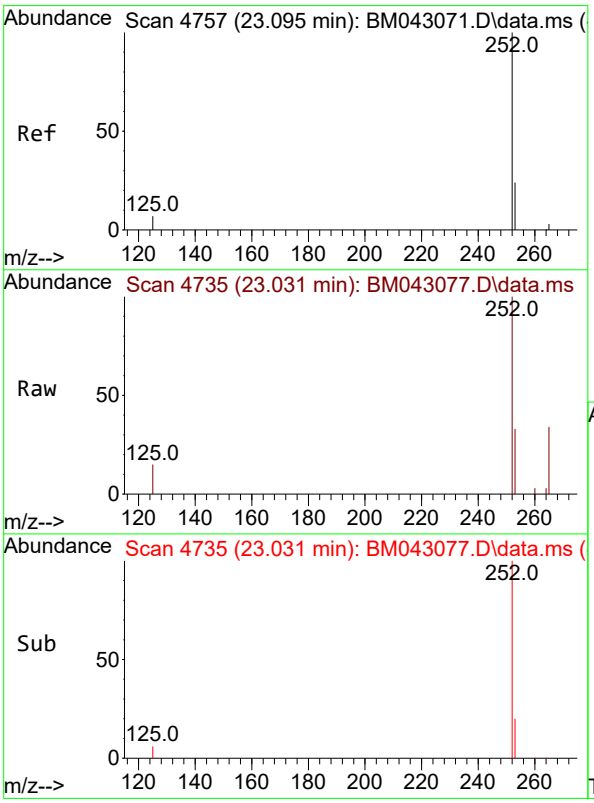
#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 23.031 min Scan# 4
Delta R.T. -0.021 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Tgt Ion:252 Resp: 4647

Ion	Ratio	Lower	Upper
252	100		
253	32.8	0.0	71.8
125	14.8	0.0	29.0

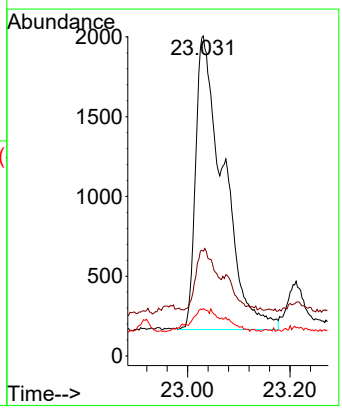


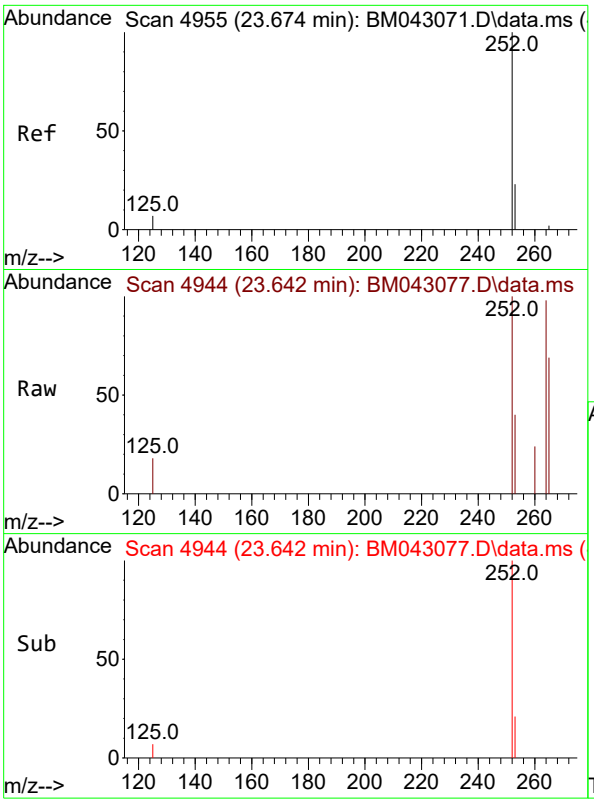


#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.068 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Tgt Ion:252 Resp: 6935

Ion	Ratio	Lower	Upper
252	100		
253	32.8	28.2	42.2
125	14.8	11.0	16.6



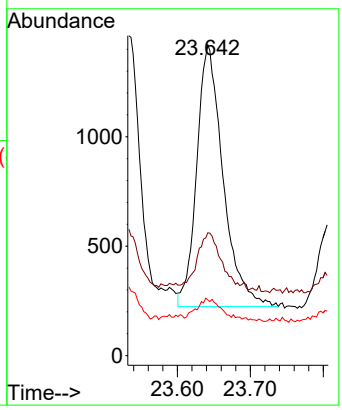


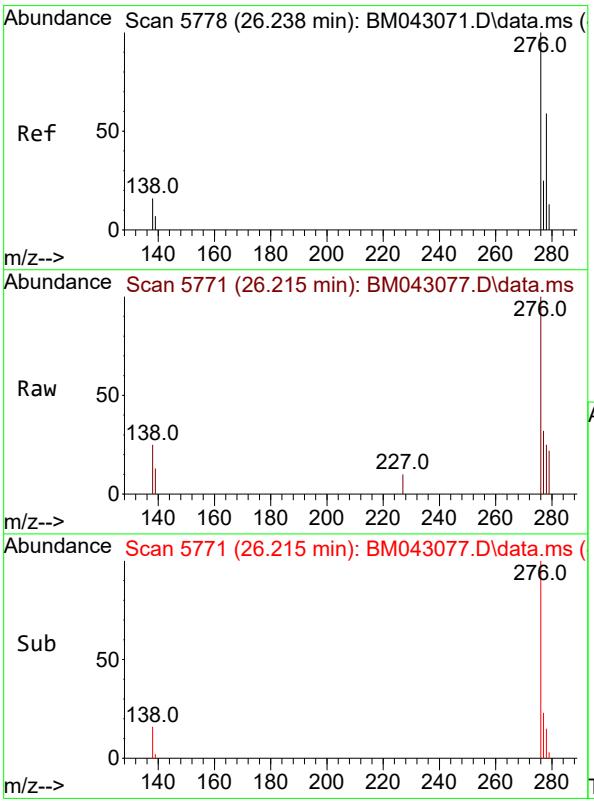
#26
Benzo(a)pyrene
Concen: 0.237 ng/ul
RT: 23.642 min Scan# 4
Delta R.T. -0.044 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Tgt Ion:252 Resp: 3001

Ion	Ratio	Lower	Upper
252	100		
253	39.5	36.6	55.0
125	18.0	16.2	24.4

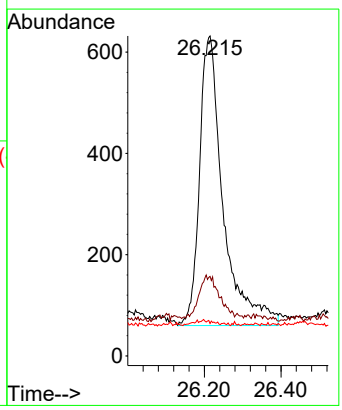


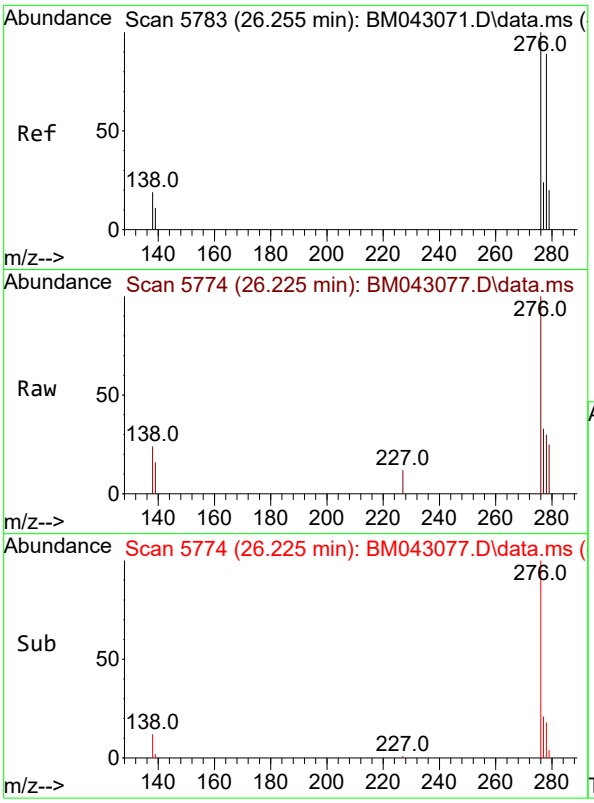


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.143 ng/ul
RT: 26.215 min Scan# 5771
Delta R.T. -0.024 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Tgt Ion:276 Resp: 2449

Ion	Ratio	Lower	Upper
276	100		
138	12.9	0.0	0.0#
227	0.9	0.2	0.2#



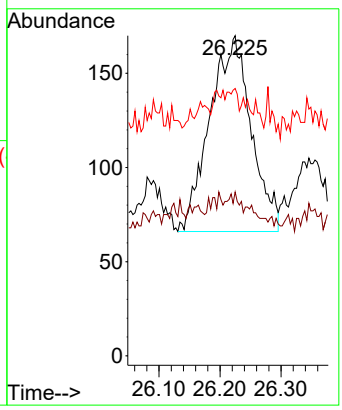


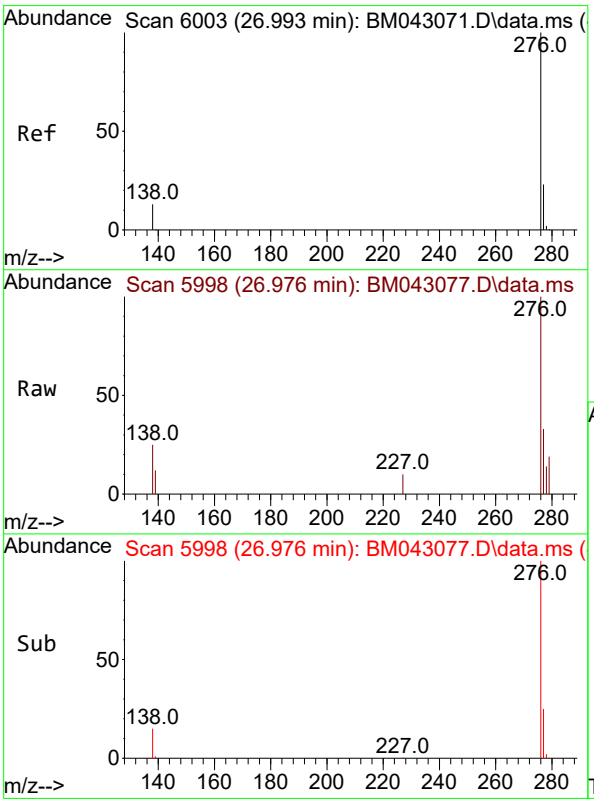
#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.225 min Scan# 5
Delta R.T. -0.051 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Tgt Ion:278 Resp: 489

Ion	Ratio	Lower	Upper
278	100		
139	51.2	18.1	27.1#
279	83.5	34.4	51.6#





#29
Benzo(g,h,i)perylene
Concen: 0.136 ng/ul
RT: 26.976 min Scan# 5998
Delta R.T. -0.034 min
Lab File: BM043077.D
Acq: 28 Nov 2023 18:21

Tgt Ion:276 Resp: 2272

Ion	Ratio	Lower	Upper
276	100		
138	25.4	17.8	26.8
277	33.5	23.8	35.8