Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040468.D
Acq On : 30 Jun 2023 12:44
Operator : MA/JU
Sample : 03239-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Quant Time: Jul 01 03:03:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	5972	0.400	ng/ul		0.00
4) Naphthalene-d8	10.745	136	22613	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.577	164	11034	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.324	188	23135	0.400	ng/ul		0.00
17) Chrysene-d12	21.506	240	17578	0.400	ng/ul		0.00
23) Perylene-d12	23.918	264	17246	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.325	96	23779	2.535	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.334	152	5539	0.175	ng/ul		0.00
18) Fluoranthene-d10	19.352	212	9945	0.176	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.795	128	4104	0.066	ng/ul	#	86
7) 2-Methylnaphthalene	12.406	142	2306	0.063	ng/ul		99
8) 1-Methylnaphthalene	12.626	142	1474	0.040	ng/ul		98
10) Acenaphthylene	14.300	152	4088	0.083	ng/ul	#	90
11) Acenaphthene	14.642	153	1012	0.024	ng/ul		91
12) Fluorene	15.627	166	1497	0.034	ng/ul	#	91
15) Phenanthrene	17.366	178	26197	0.365	ng/ul		99
16) Anthracene	17.459	178	13863	0.230	ng/ul		97
19) Fluoranthene	19.380	202	71743	0.961	ng/ul		100
20) Pyrene	19.747	202	57976	0.724	ng/ul		98
21) Benzo(a)anthracene	21.489	228	34155	0.574	ng/ul		96
22) Chrysene	21.541	228	45339	0.668	ng/ul		97
24) Benzo(b)fluoranthene	23.181	252	66631	0.998	ng/ul		99
26) Benzo(a)pyrene	23.809	252	39246	0.653	ng/ul		95
27) Indeno(1,2,3-cd)pyrene	26.417	276	36513	0.436	ng/ul	#	86
28) Dibenzo(a,h)anthracene	26.431	278	9010	0.137	ng/ul	#	73
29) Benzo(g,h,i)perylene	27.195	276	36176	0.493	ng/ul		99

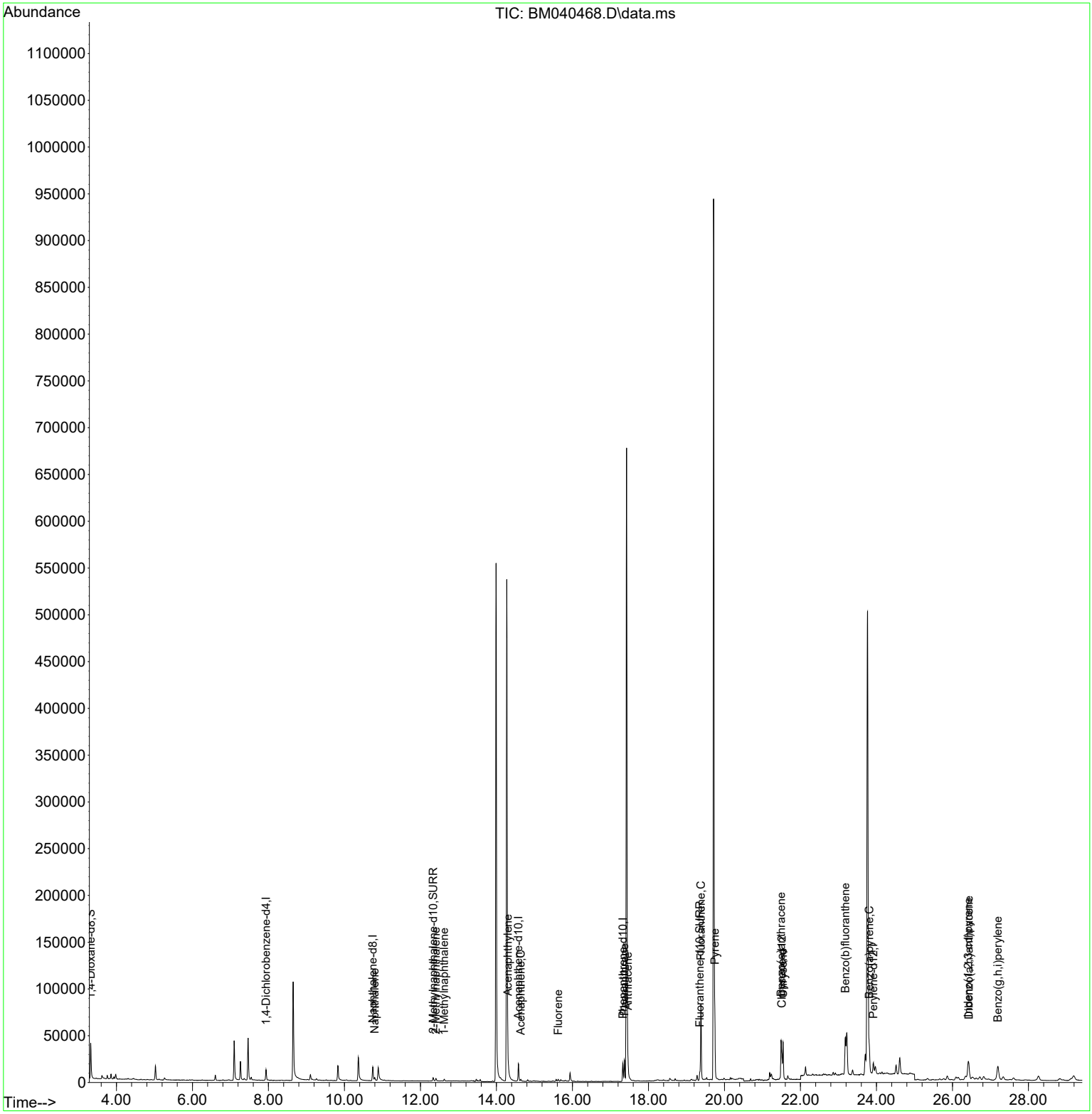
(#) = qualifier out of range (m) = manual integration (+) = signals summed

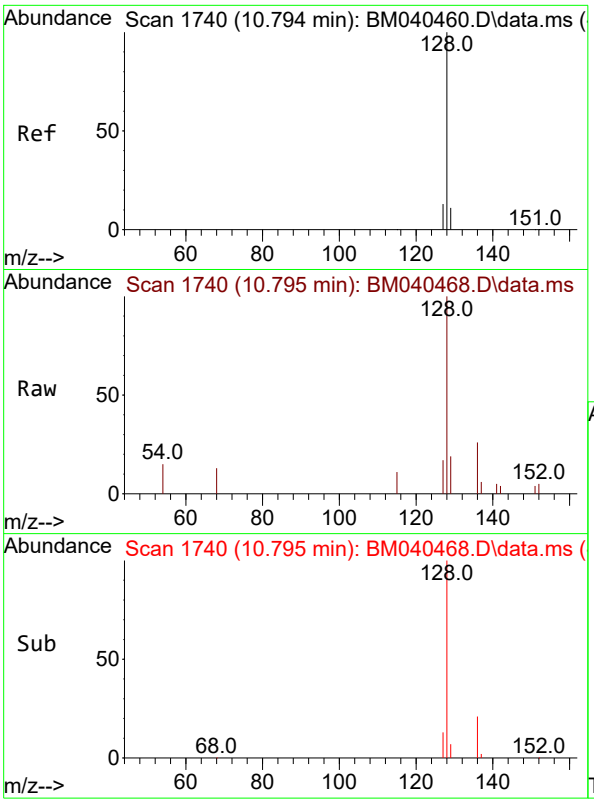
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040468.D
Acq On : 30 Jun 2023 12:44
Operator : MA/JU
Sample : 03239-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Quant Time: Jul 01 03:03:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration



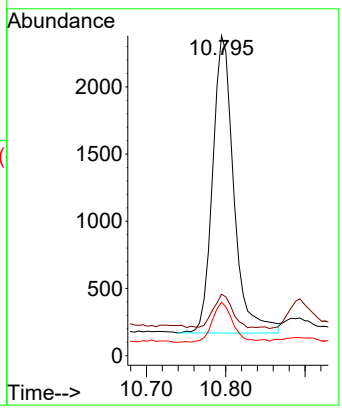


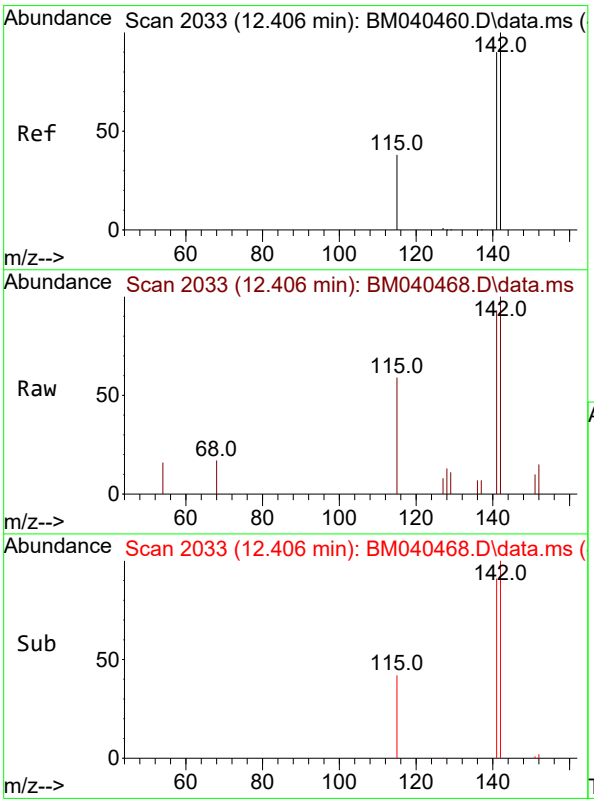
#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.795 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Tgt Ion:128 Resp: 4104

Ion	Ratio	Lower	Upper
128	100		
129	19.2	9.2	13.8#
127	16.7	10.6	15.8#

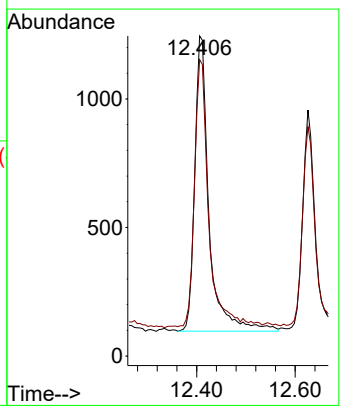


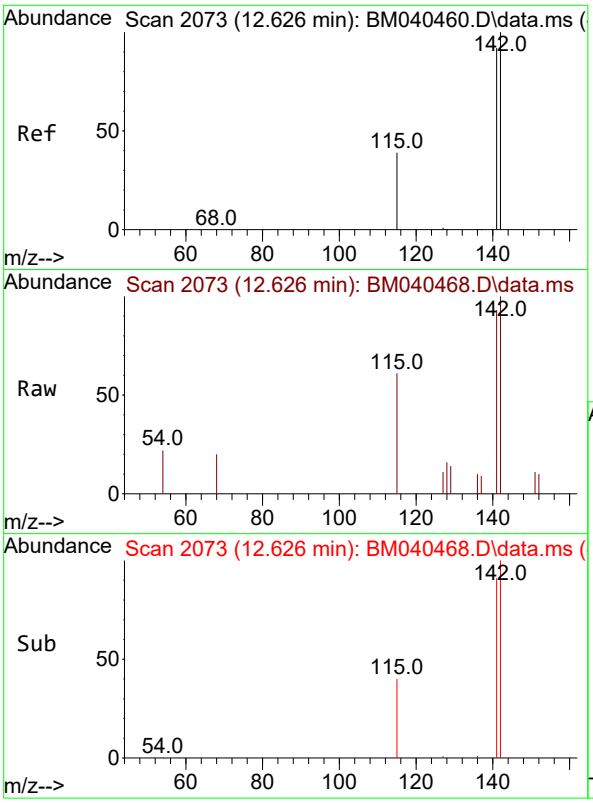


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:142 Resp: 2306

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9



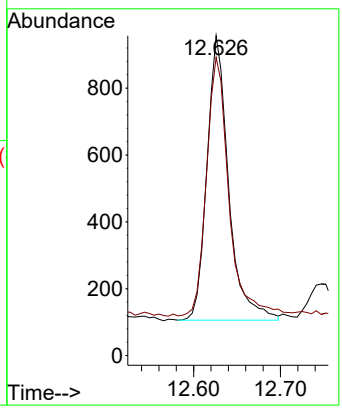


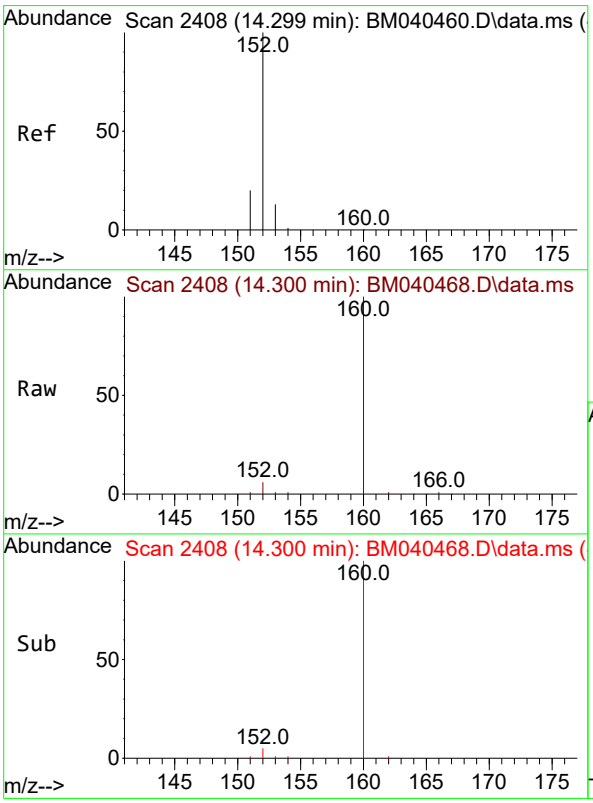
#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.626 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Tgt Ion:142 Resp: 1474

Ion	Ratio	Lower	Upper
142	100		
141	94.2	73.7	110.5

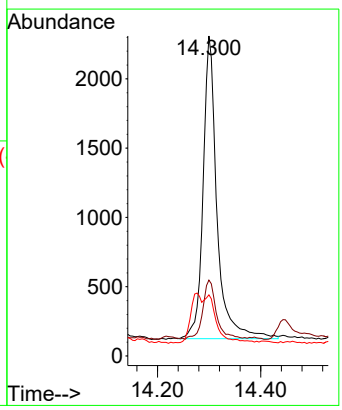


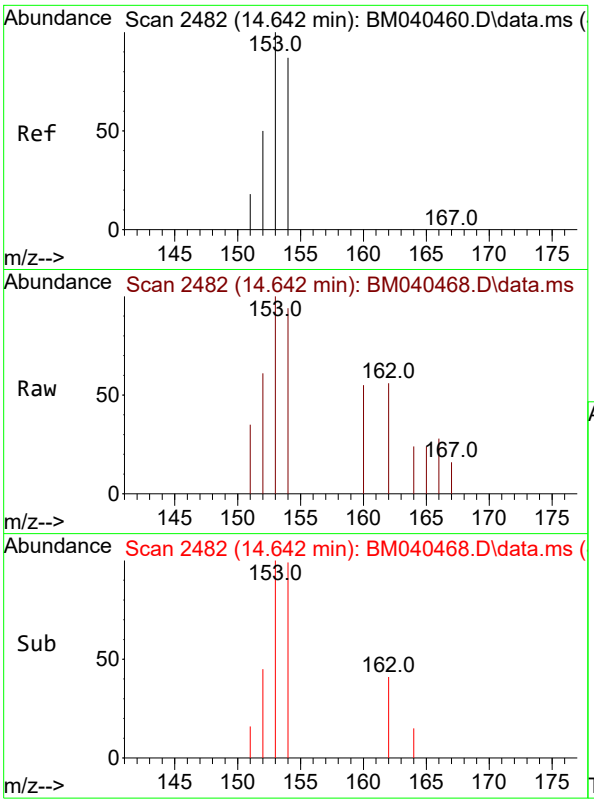


#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:152 Resp: 4088

Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.2	24.2
153	19.1	10.9	16.3#



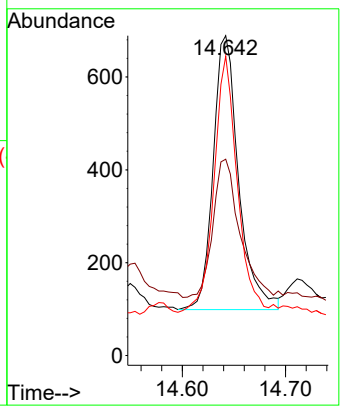


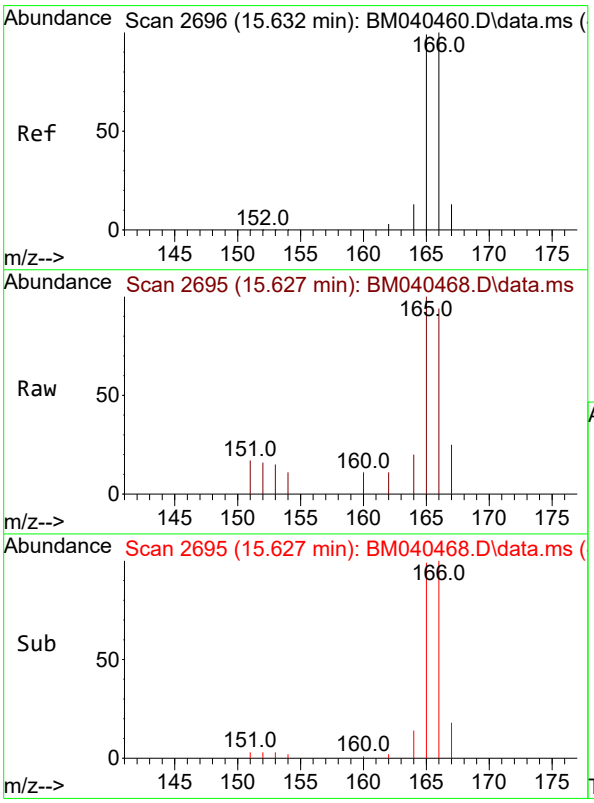
#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.642 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Tgt Ion:153 Resp: 1012

Ion	Ratio	Lower	Upper
153	100		
152	61.4	41.0	61.4
154	93.6	70.8	106.2

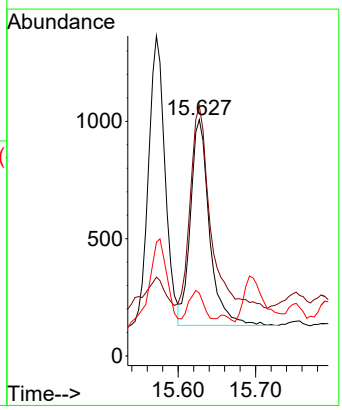


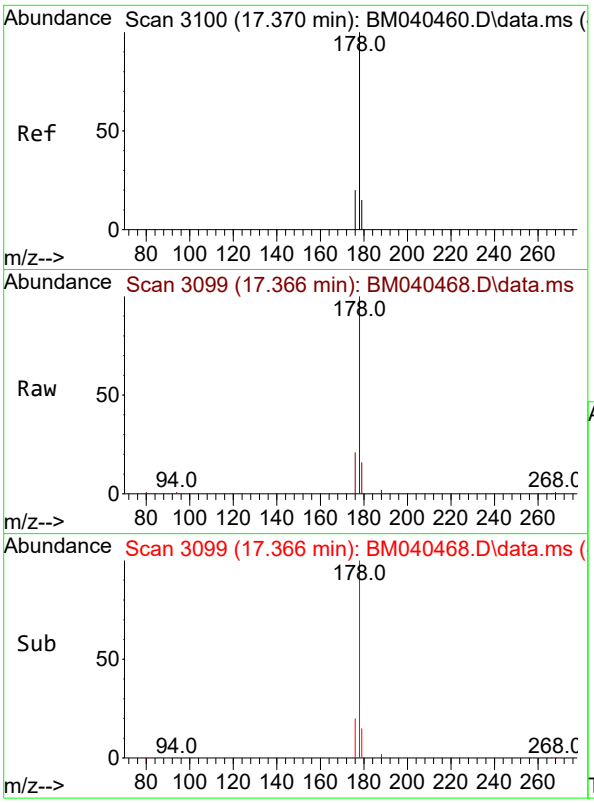


#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.004 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:166 Resp: 1497

Ion	Ratio	Lower	Upper
166	100		
165	105.9	79.6	119.4
167	26.6	11.4	17.0#



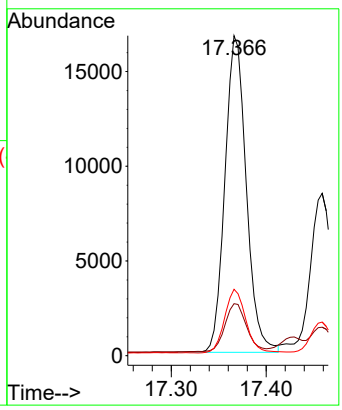


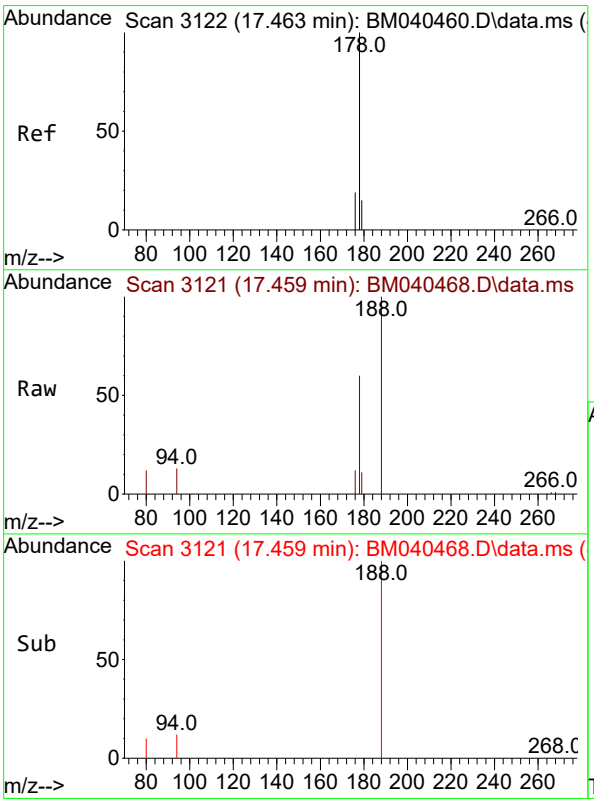
#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.366 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Tgt Ion:178 Resp: 26197

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	20.8	16.4	24.6

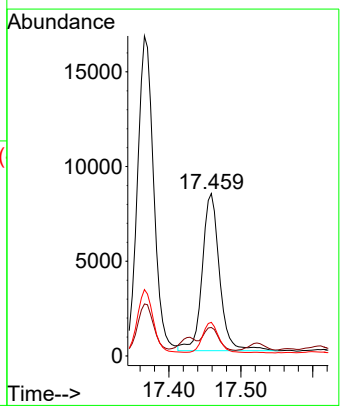


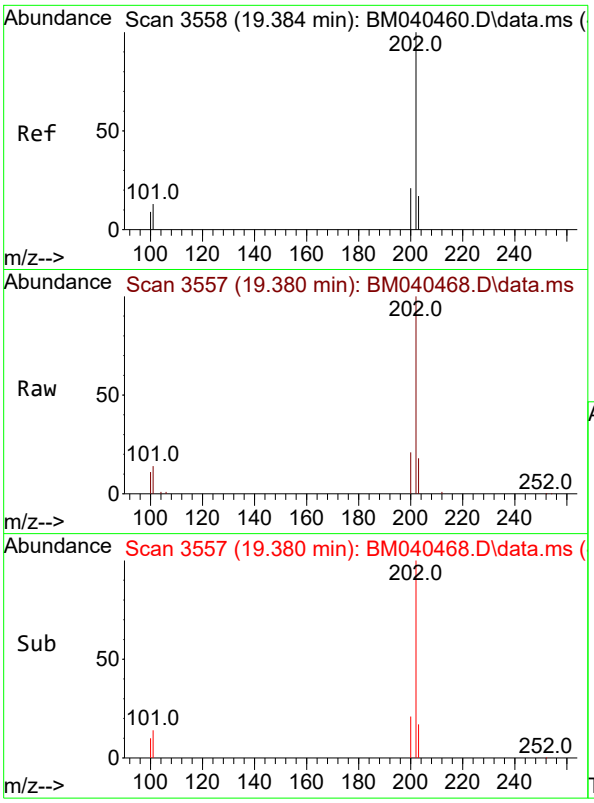


#16
Anthracene
Concen: 0.230 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:178 Resp: 13863

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.9	19.3
176	20.7	15.8	23.6



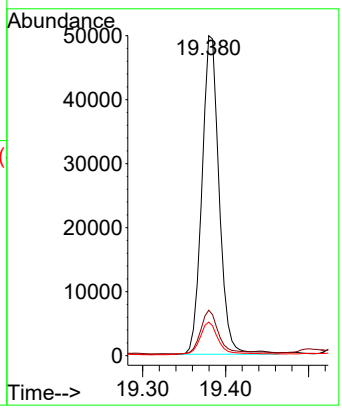


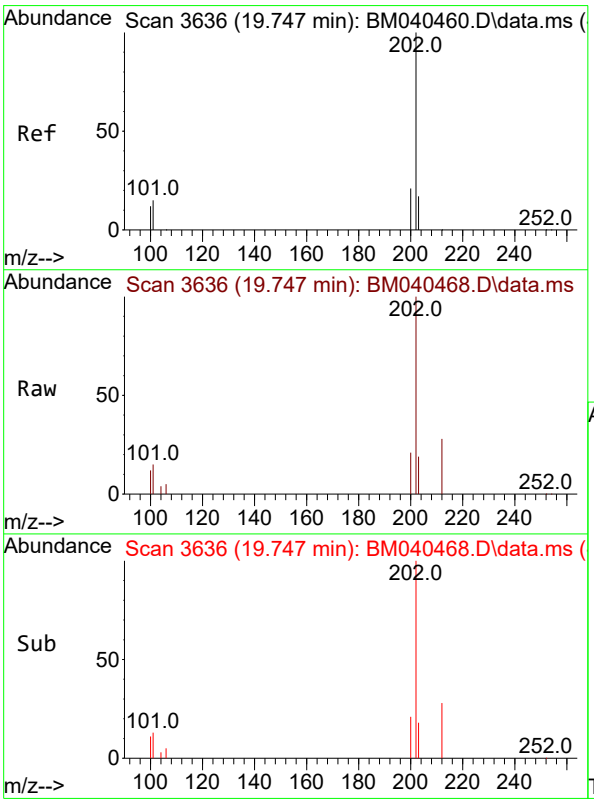
#19
Fluoranthene
Concen: 0.961 ng/ul
RT: 19.380 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Tgt Ion:202 Resp: 71743

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.4	17.0
100	10.5	8.7	13.1

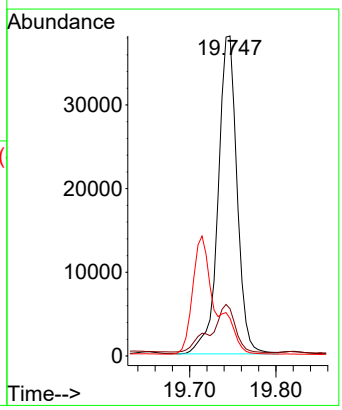


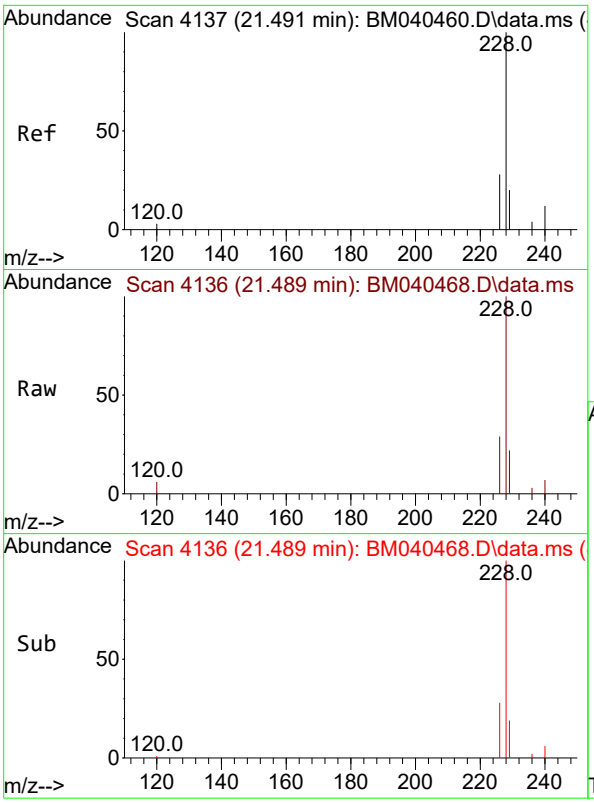


#20
Pyrene
Concen: 0.724 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:202 Resp: 57976

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.6	18.8
100	11.7	9.8	14.6



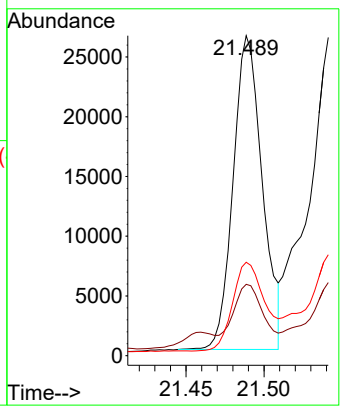


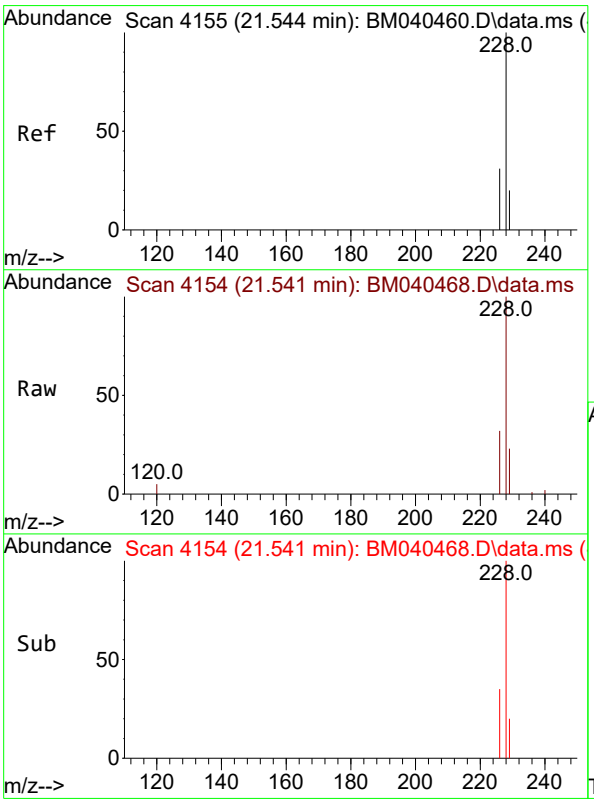
#21
Benzo(a)anthracene
Concen: 0.574 ng/ul
RT: 21.489 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Tgt Ion:228 Resp: 34155

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.0	24.0
226	29.2	22.3	33.5

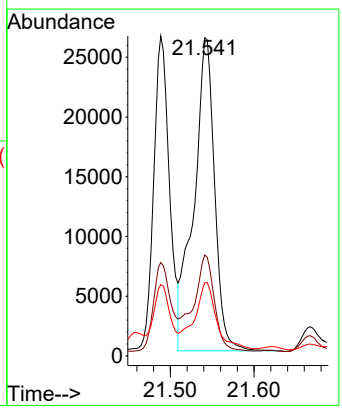


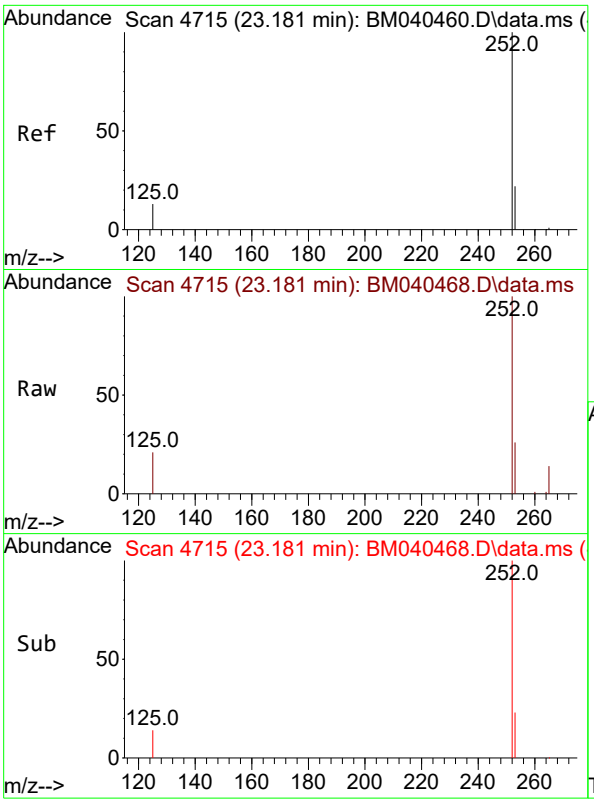


#22
Chrysene
Concen: 0.668 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:228 Resp: 45339

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	23.0	15.8	23.6



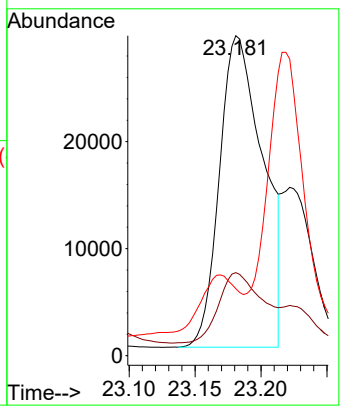


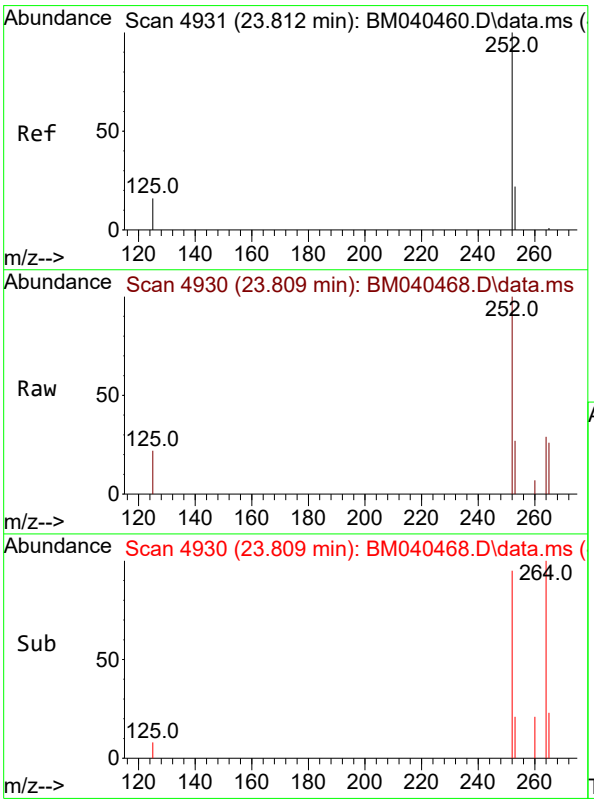
#24
Benzo(b)fluoranthene
Concen: 0.998 ng/ul
RT: 23.181 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Tgt Ion:252 Resp: 66631

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	52.8
125	21.0	0.0	43.0

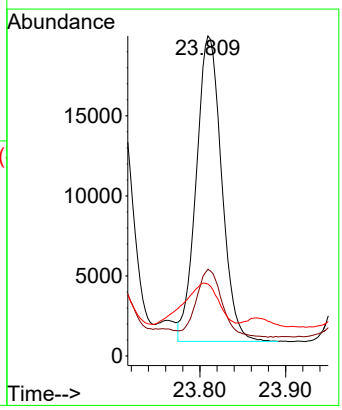


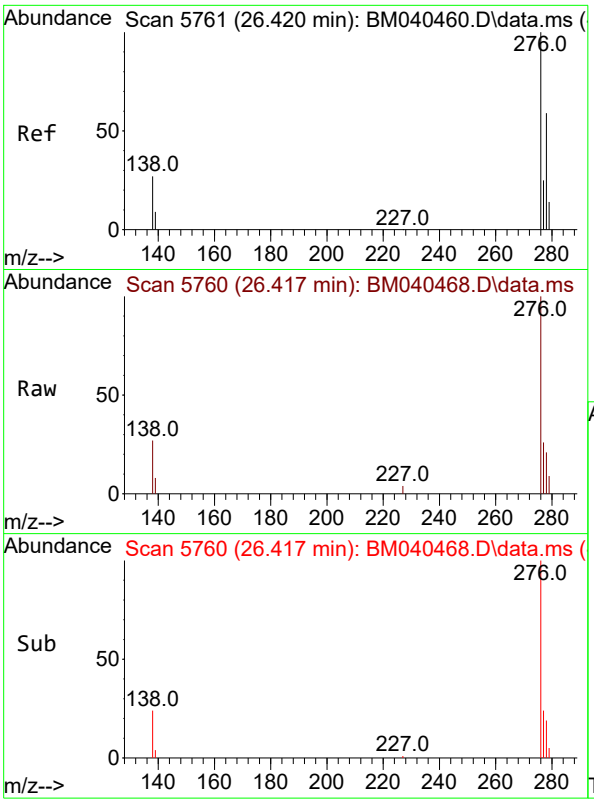


#26
Benzo(a)pyrene
Concen: 0.653 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:252 Resp: 39246

Ion	Ratio	Lower	Upper
252	100		
253	27.1	22.9	34.3
125	22.5	21.0	31.4



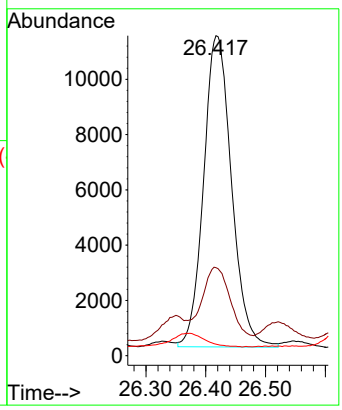


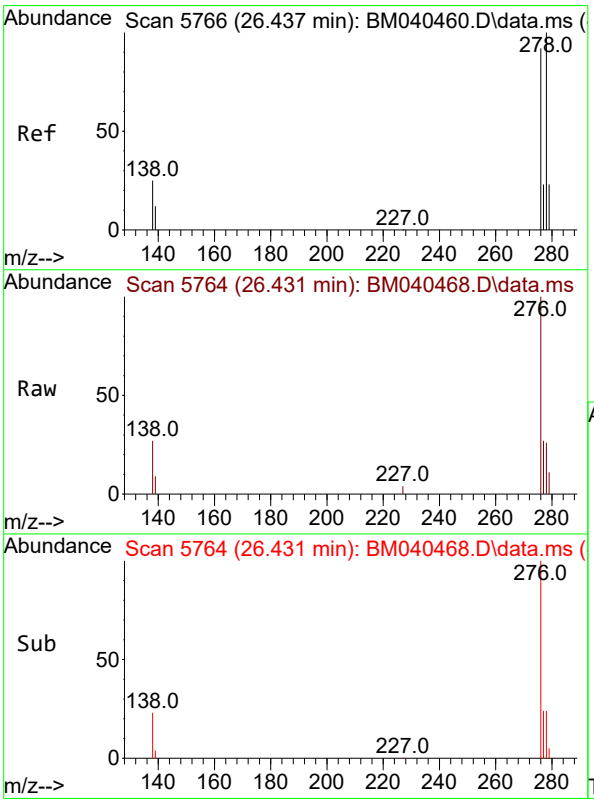
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 26.417 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Tgt Ion:276 Resp: 36513

Ion	Ratio	Lower	Upper
276	100		
138	23.1	24.5	36.7#
227	0.0	0.1	0.1#

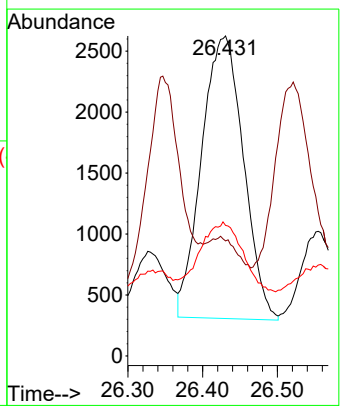


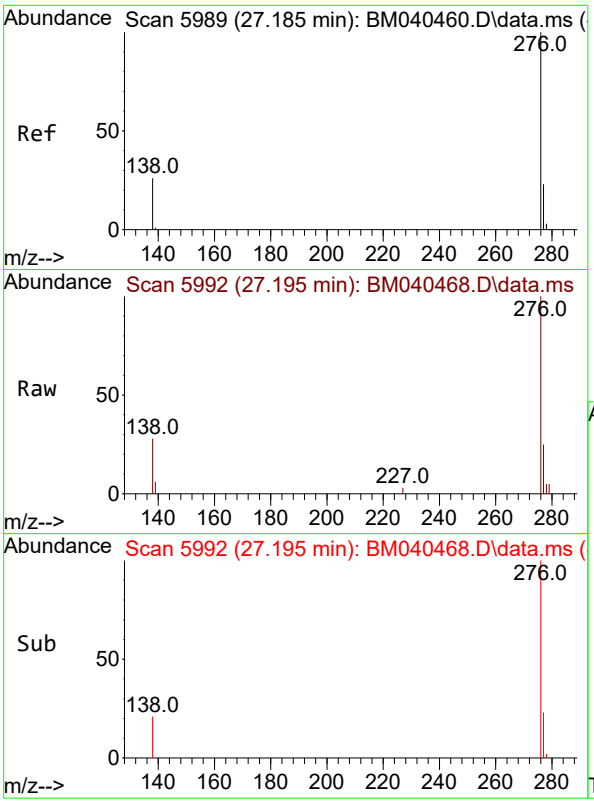


#28
Dibenzo(a,h)anthracene
Concen: 0.137 ng/ul
RT: 26.431 min Scan# 5764
Delta R.T. -0.006 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:278 Resp: 9010

Ion	Ratio	Lower	Upper
278	100		
139	36.0	17.9	26.9#
279	40.8	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.493 ng/ul
RT: 27.195 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
DCFZ4

Tgt Ion:276 Resp: 36176

Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.0	34.6
277	25.5	20.3	30.5