Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040389.D
Acq On : 23 Jun 2023 23:29
Operator : MA/JU
Sample : 03084-20DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Quant Time: Jun 24 01:39:28 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 : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7239	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	26671	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	13511	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	26367	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	15357	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	12278	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	5309	0.467	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1371	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	2153	0.044	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.811	128	6442	0.088	ng/ul#	93
7) 2-Methylnaphthalene	12.417	142	4090	0.095	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	2712	0.063	ng/ul	100
10) Acenaphthylene	14.309	152	17871	0.296	ng/ul	98
11) Acenaphthene	14.651	153	1837	0.036	ng/ul	96
12) Fluorene	15.637	166	2685	0.049	ng/ul#	92
15) Phenanthrene	17.374	178	57698	0.704	ng/ul	99
16) Anthracene	17.467	178	14258	0.207	ng/ul	96
19) Fluoranthene	19.389	202	161354	2.473	ng/ul	96
20) Pyrene	19.751	202	135400	1.936	ng/ul	98
21) Benzo(a)anthracene	21.494	228	65626	1.263	ng/ul	98
22) Chrysene	21.550	228	67499	1.139	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	90621	1.907	ng/ul	94
26) Benzo(a)pyrene	23.815	252	51122	1.194	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.430	276	40842	0.685	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.444	278	10022	0.215	ng/ul#	81
29) Benzo(g,h,i)perylene	27.202	276	38152	0.730	ng/ul	99

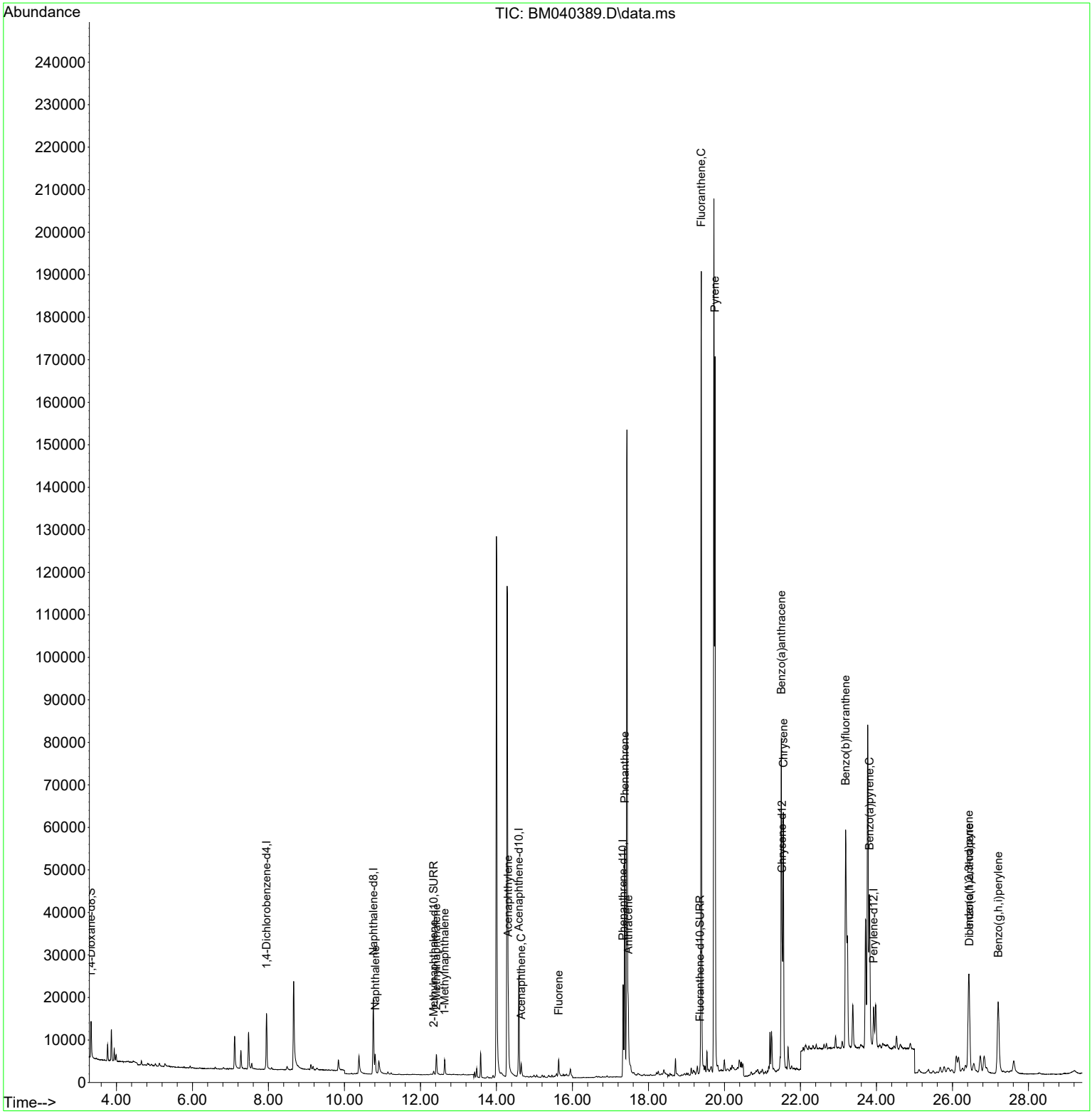
(#) = qualifier out of range (m) = manual integration (+) = signals summed

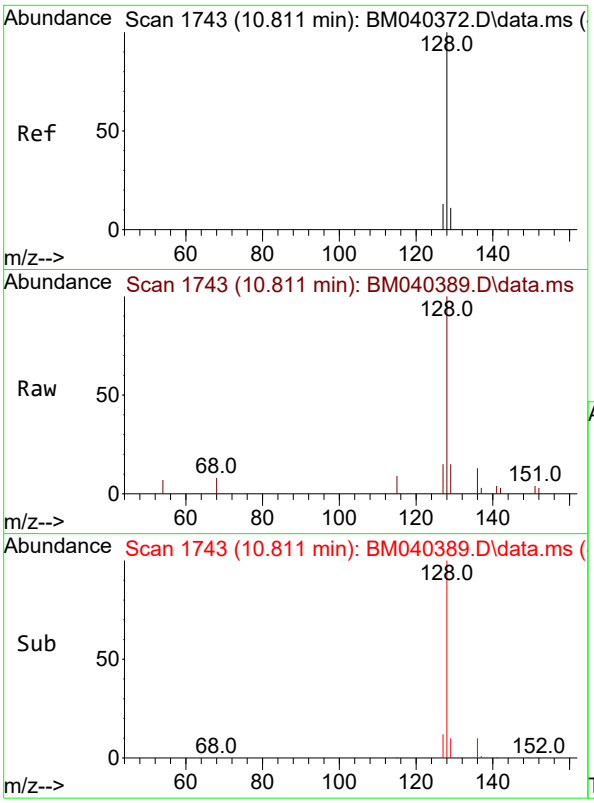
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040389.D
Acq On : 23 Jun 2023 23:29
Operator : MA/JU
Sample : 03084-20DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Quant Time: Jun 24 01:39:28 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 : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration



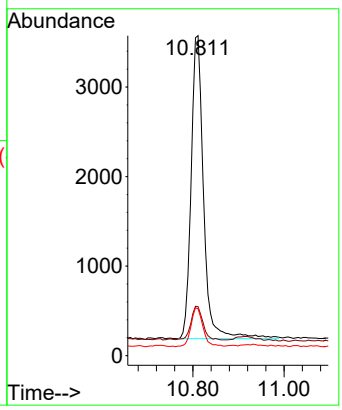


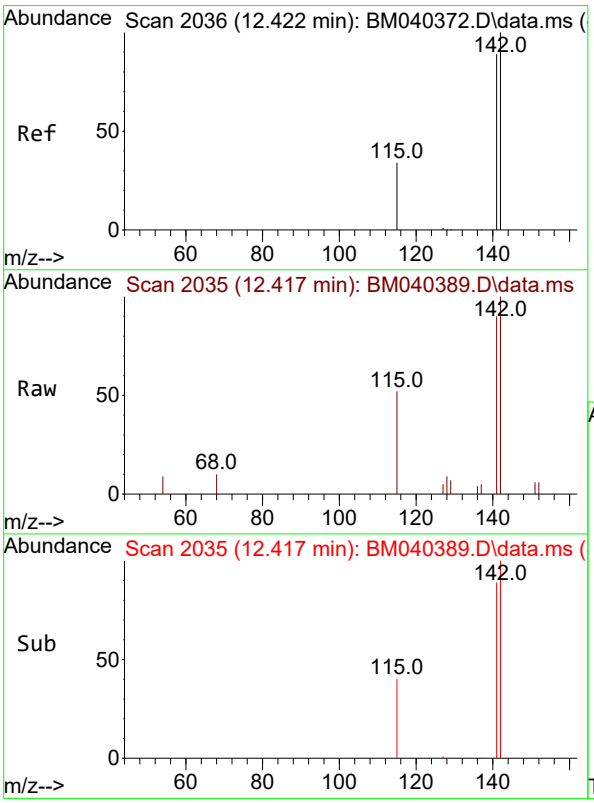
#5
Naphthalene
Concen: 0.088 ng/ul
RT: 10.811 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:128 Resp: 6442

Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.2	13.8#
127	14.7	10.6	15.8

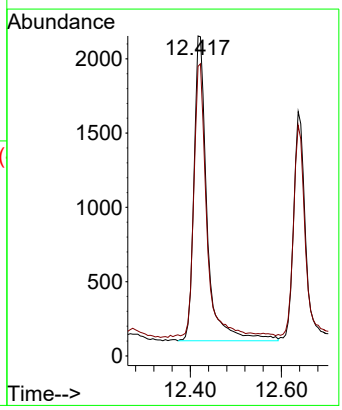


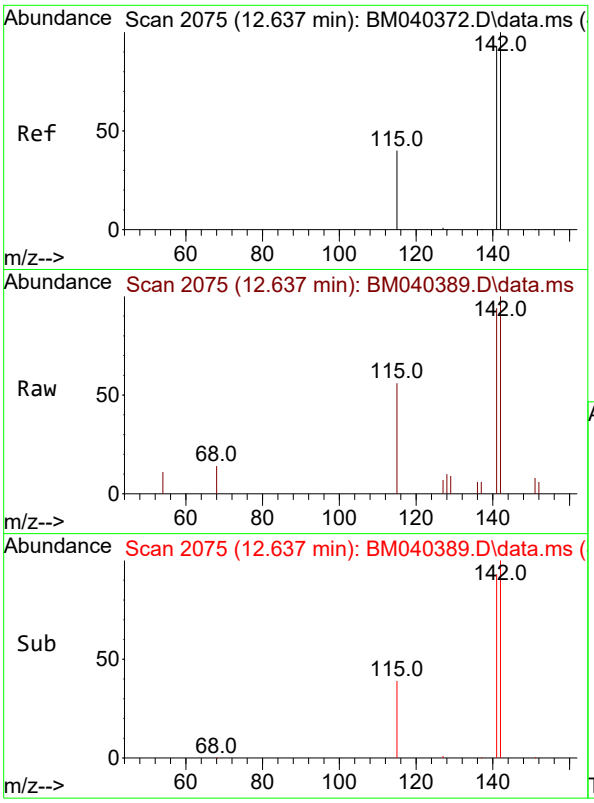


#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Tgt Ion:142 Resp: 4090

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9



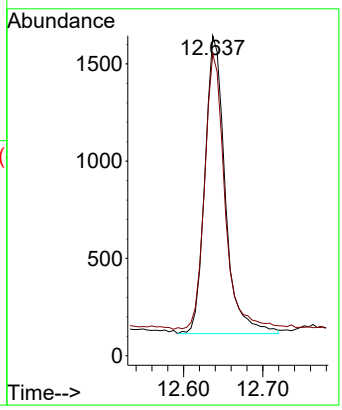


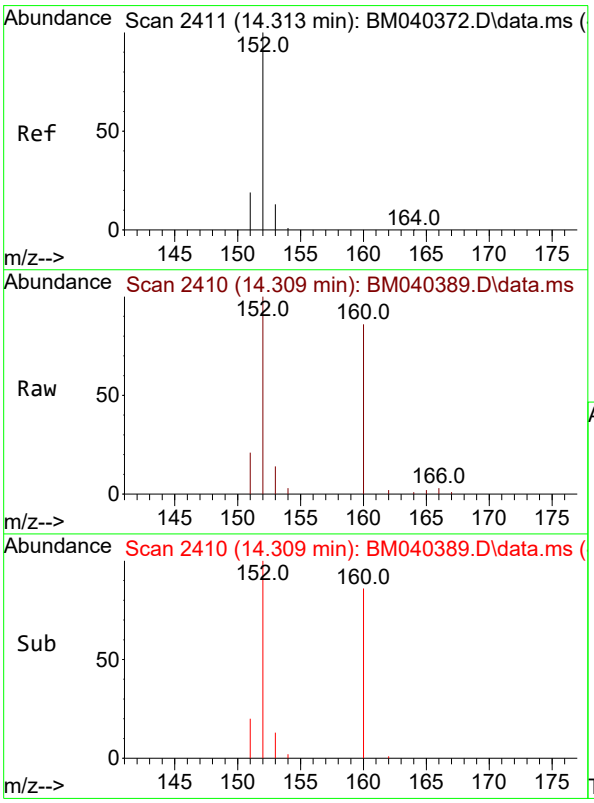
#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:142 Resp: 2712

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.7	110.5

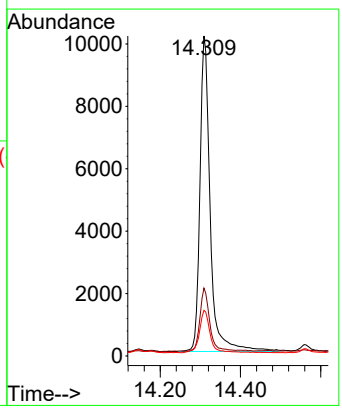


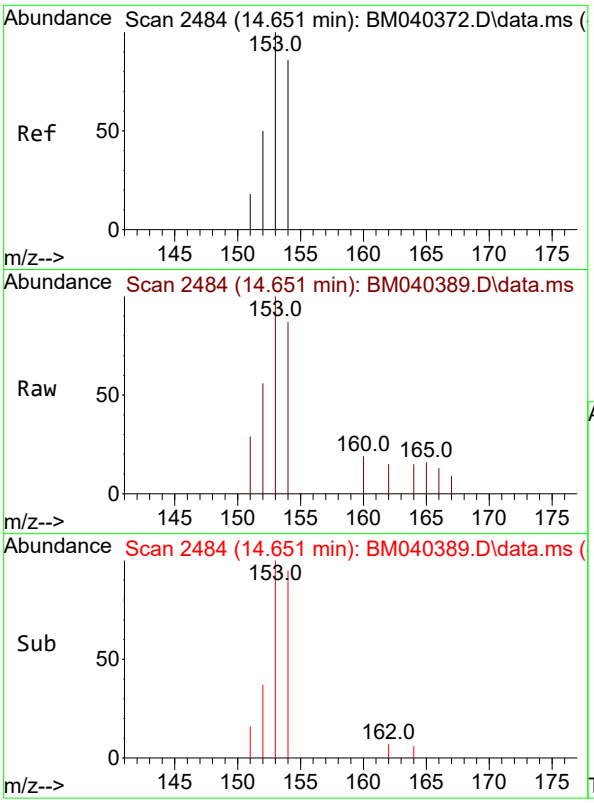


#10
Acenaphthylene
Concen: 0.296 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Tgt Ion:152 Resp: 17871

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.2
153	14.2	10.9	16.3



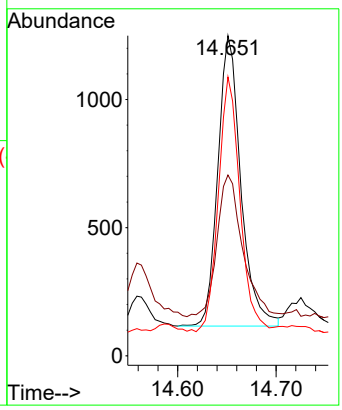


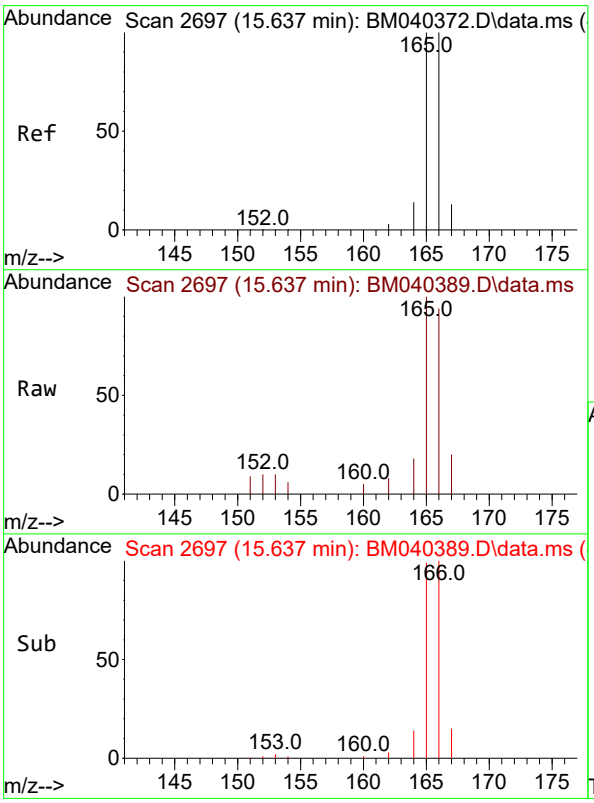
#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:153 Resp: 1837

Ion	Ratio	Lower	Upper
153	100		
152	56.4	41.0	61.4
154	87.1	70.8	106.2

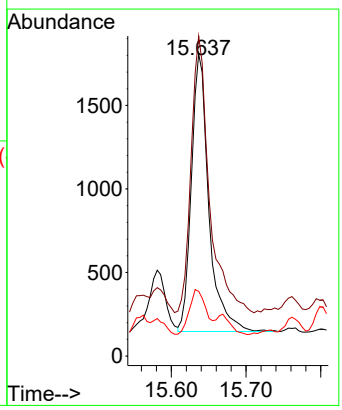


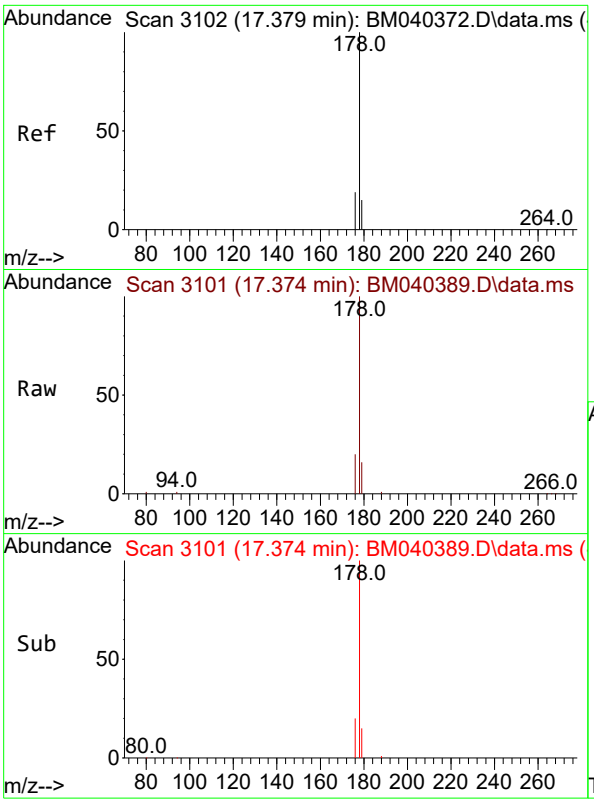


#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Tgt Ion:166 Resp: 2685

Ion	Ratio	Lower	Upper
166	100		
165	105.9	79.6	119.4
167	21.4	11.4	17.0#



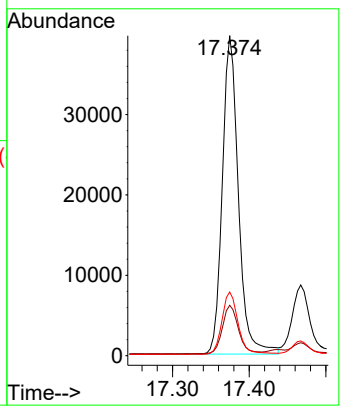


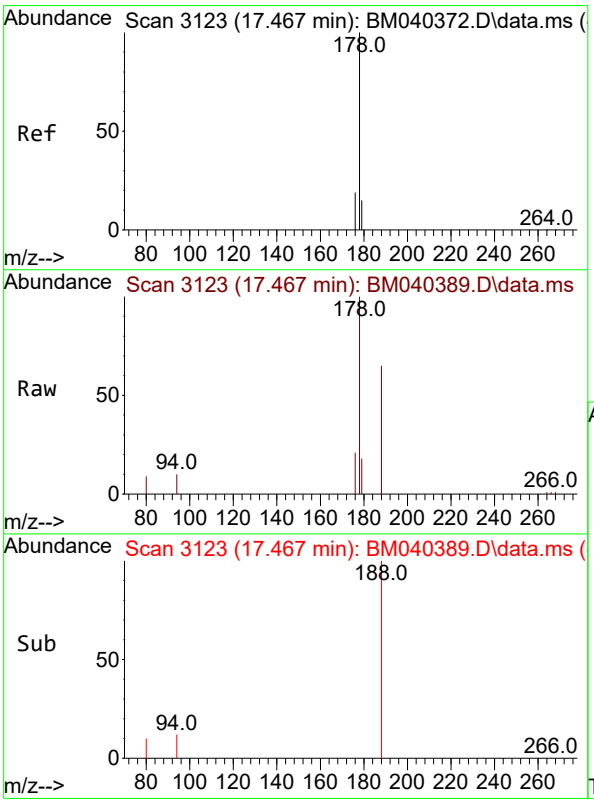
#15
Phenanthrene
Concen: 0.704 ng/ul
RT: 17.374 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:178 Resp: 57698

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.9	16.4	24.6

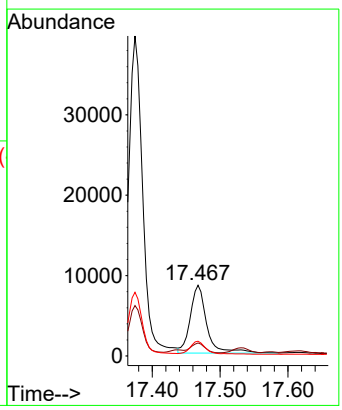


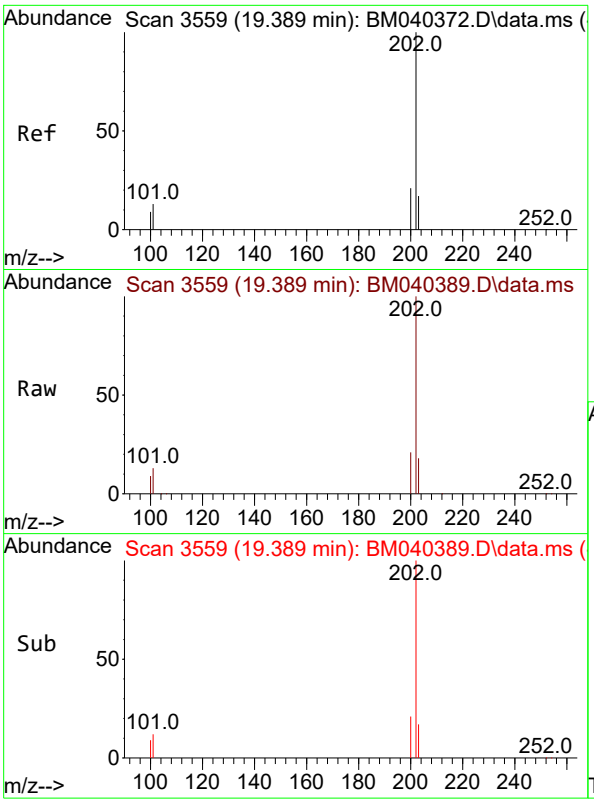


#16
Anthracene
Concen: 0.207 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Tgt Ion:178 Resp: 14258

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.9	19.3
176	20.9	15.8	23.6



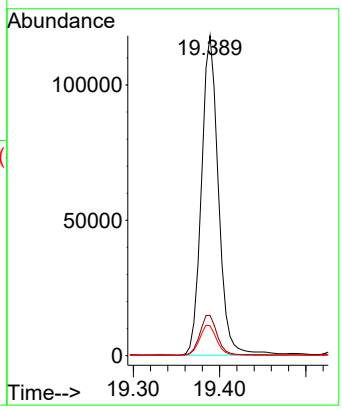


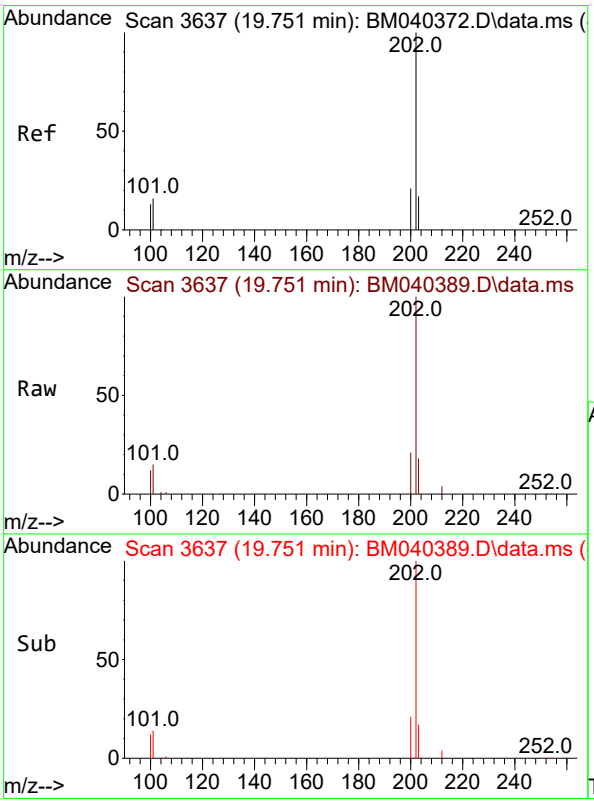
#19
Fluoranthene
Concen: 2.473 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:202 Resp: 161354

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.4	17.0
100	9.3	8.7	13.1

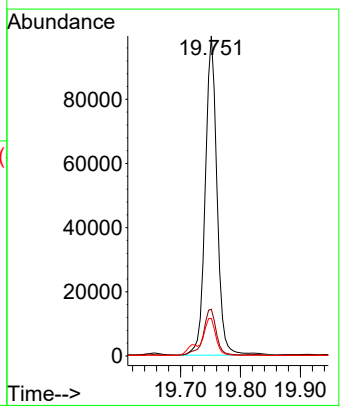


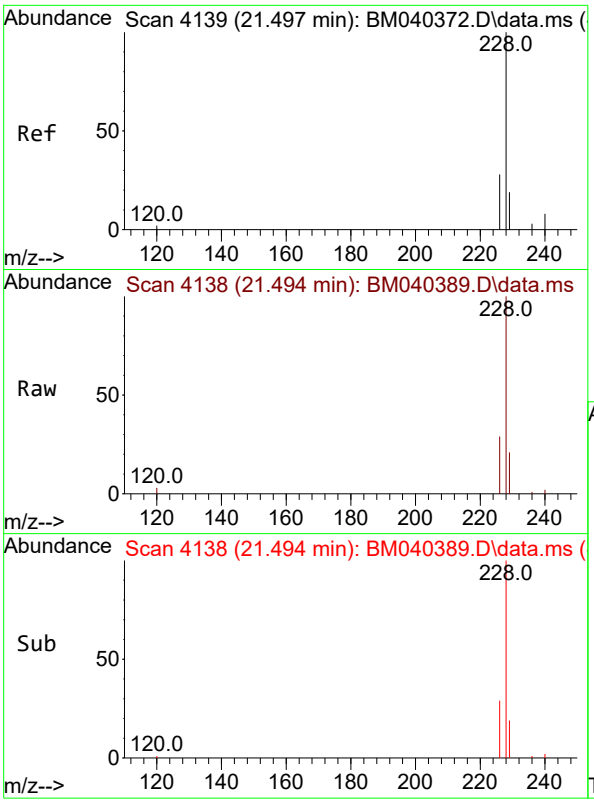


#20
Pyrene
Concen: 1.936 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Tgt Ion:202 Resp: 135400

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



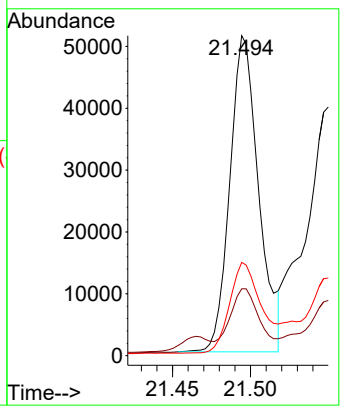


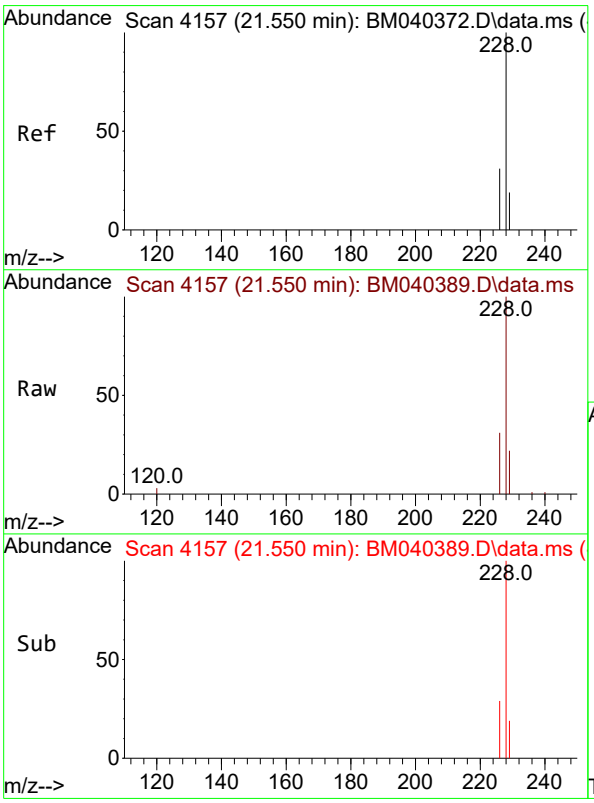
#21
Benzo(a)anthracene
Concen: 1.263 ng/ul
RT: 21.494 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:228 Resp: 65626

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	29.2	22.3	33.5

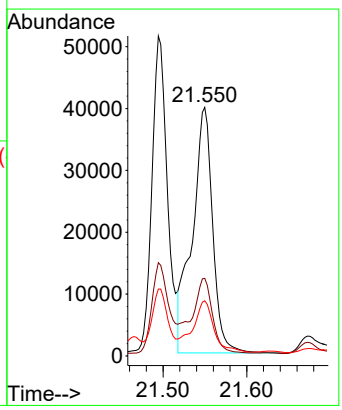


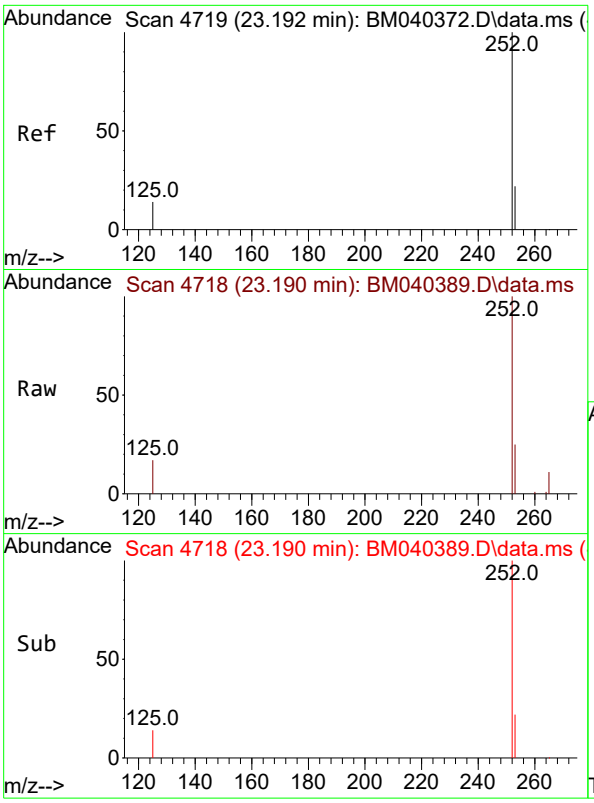


#22
Chrysene
Concen: 1.139 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Tgt Ion:228 Resp: 67499

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.2	15.8	23.6



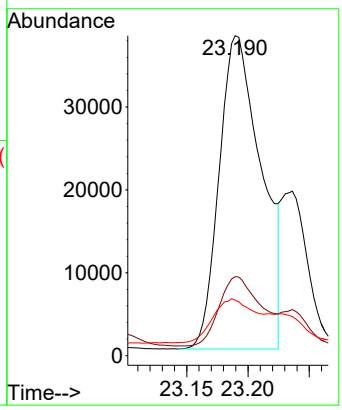


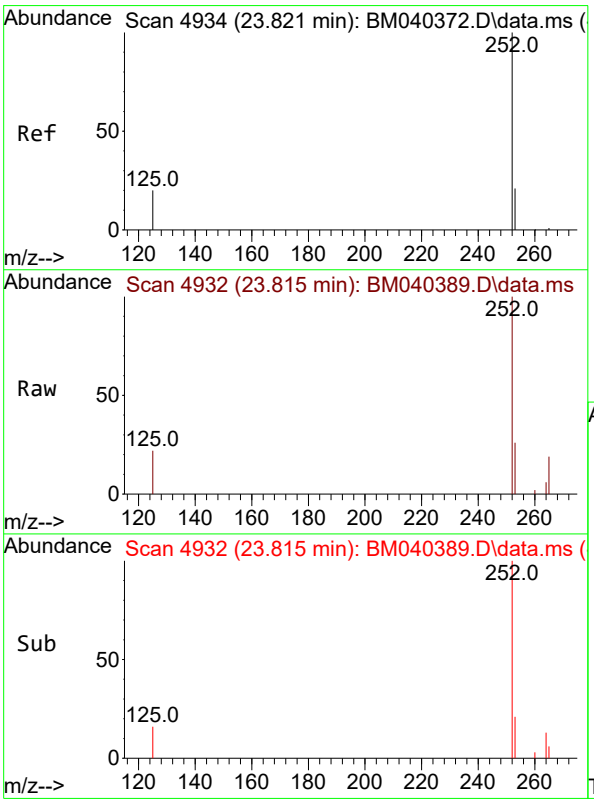
#24
Benzo(b)fluoranthene
Concen: 1.907 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:252 Resp: 90621

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	52.8
125	17.4	0.0	43.0

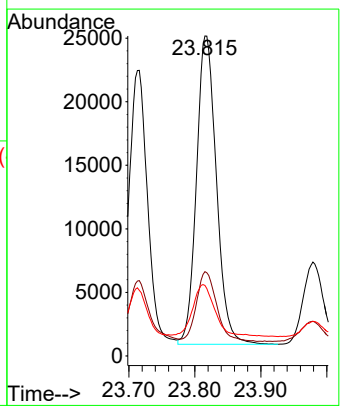


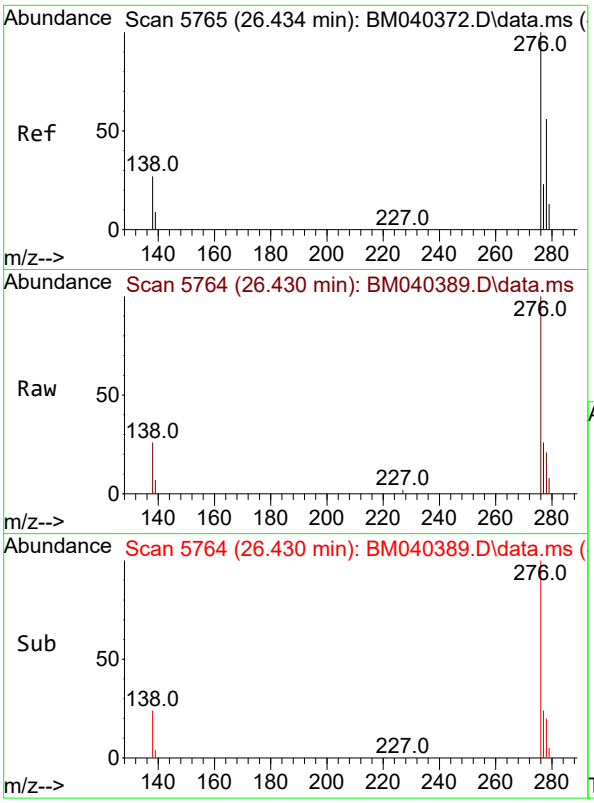


#26
Benzo(a)pyrene
Concen: 1.194 ng/ul
RT: 23.815 min Scan# 4932
Delta R.T. -0.009 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Tgt Ion:252 Resp: 51122

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.9	34.3
125	22.0	21.0	31.4



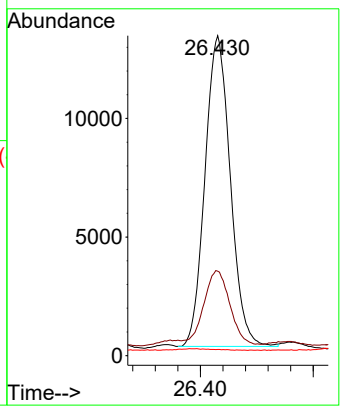


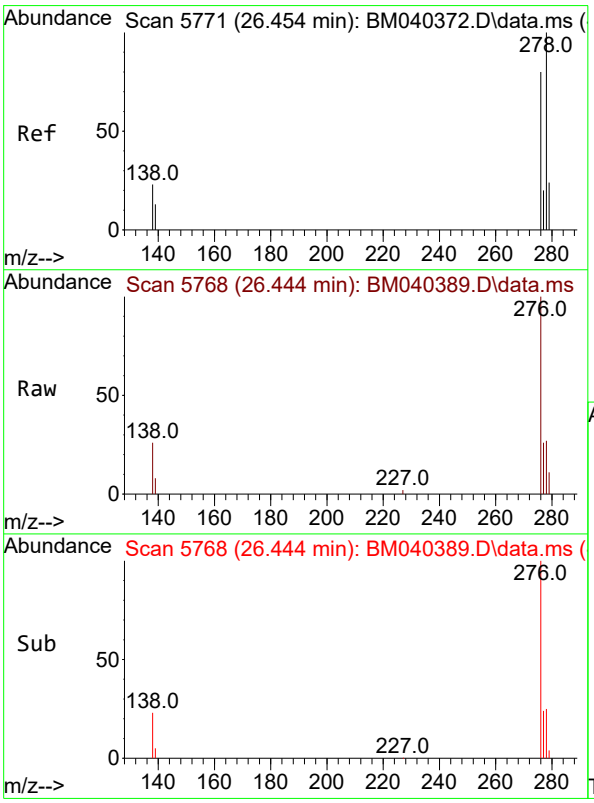
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.685 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:276 Resp: 40842

Ion	Ratio	Lower	Upper
276	100		
138	24.9	24.5	36.7
227	0.0	0.1	0.1#

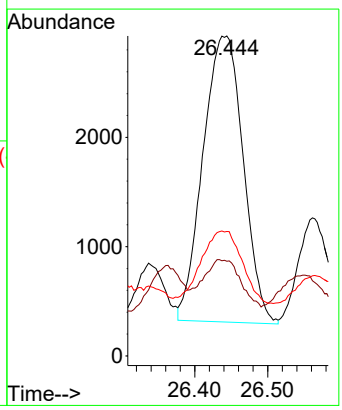


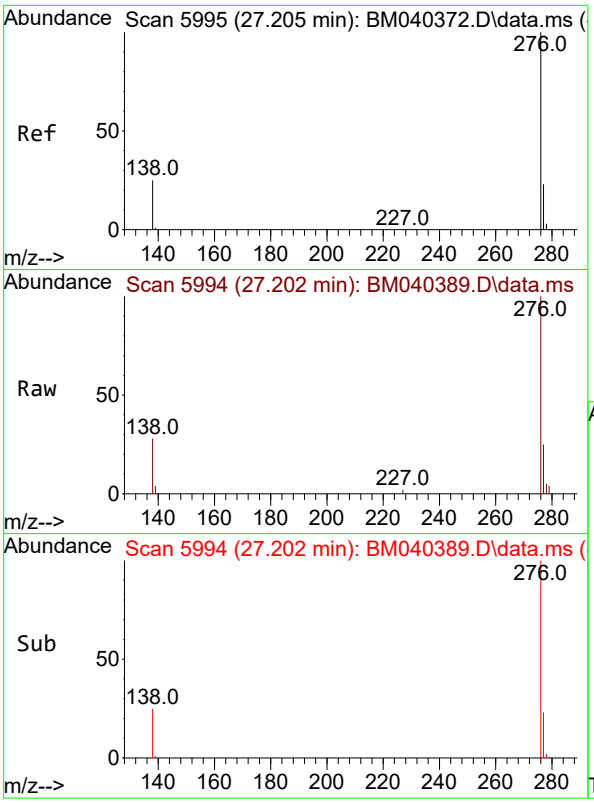


#28
Dibenzo(a,h)anthracene
Concen: 0.215 ng/ul
RT: 26.444 min Scan# 5768
Delta R.T. -0.010 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Tgt Ion:278 Resp: 10022

Ion	Ratio	Lower	Upper
278	100		
139	29.6	17.9	26.9#
279	38.9	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.730 ng/ul
RT: 27.202 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:276 Resp: 38152

Ion	Ratio	Lower	Upper
276	100		
138	27.8	23.0	34.6
277	25.3	20.3	30.5