Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040432.D
Acq On : 29 Jun 2023 11:43
Operator : MA/JU
Sample : 03143-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFU1

Quant Time: Jun 30 03:04:57 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	7.940	152	6215	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	21691	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	10554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	21305	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	12049	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	13434	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	28957	2.966	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	6265	0.206	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	10099	0.261	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.800	128	9730	0.163	ng/ul#	93
7) 2-Methylnaphthalene	12.411	142	5087	0.145	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	3953	0.113	ng/ul	99
10) Acenaphthylene	14.304	152	21465	0.455	ng/ul	98
11) Acenaphthene	14.646	153	17378	0.436	ng/ul	99
12) Fluorene	15.632	166	18883	0.444	ng/ul	99
15) Phenanthrene	17.370	178	346588	5.237	ng/ul	99
16) Anthracene	17.463	178	64085	1.152	ng/ul	100
19) Fluoranthene	19.384	202	806756	15.763	ng/ul	96
20) Pyrene	19.747	202	617600	11.255	ng/ul	99
21) Benzo(a)anthracene	21.494	228	282974	6.943	ng/ul	99
22) Chrysene	21.547	228	296555	6.379	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	451450	8.683	ng/ul	88
26) Benzo(a)pyrene	23.818	252	294730	6.293	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.430	276	249517	3.826	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.440	278	59840	1.172	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	214700	3.756	ng/ul	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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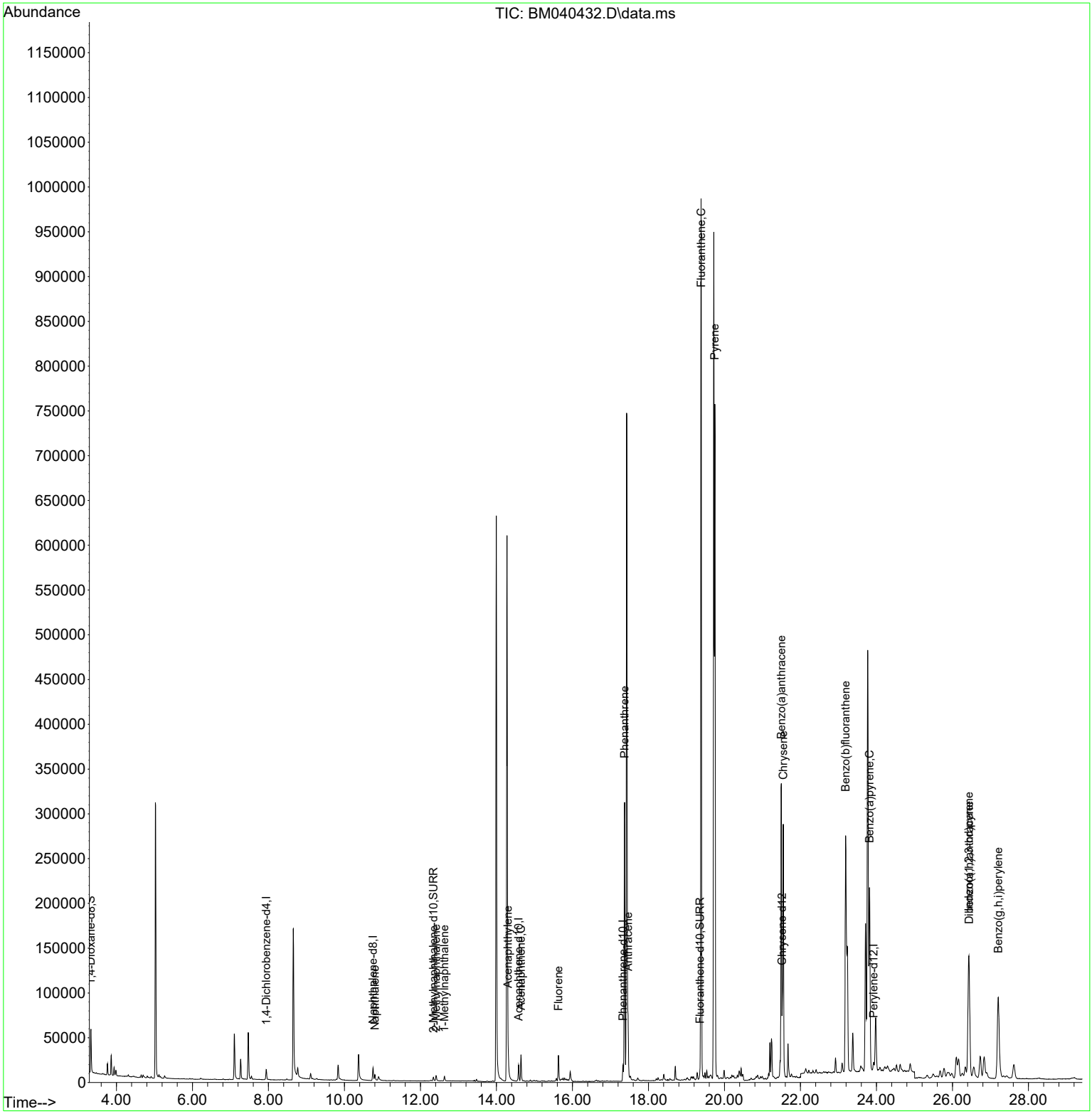
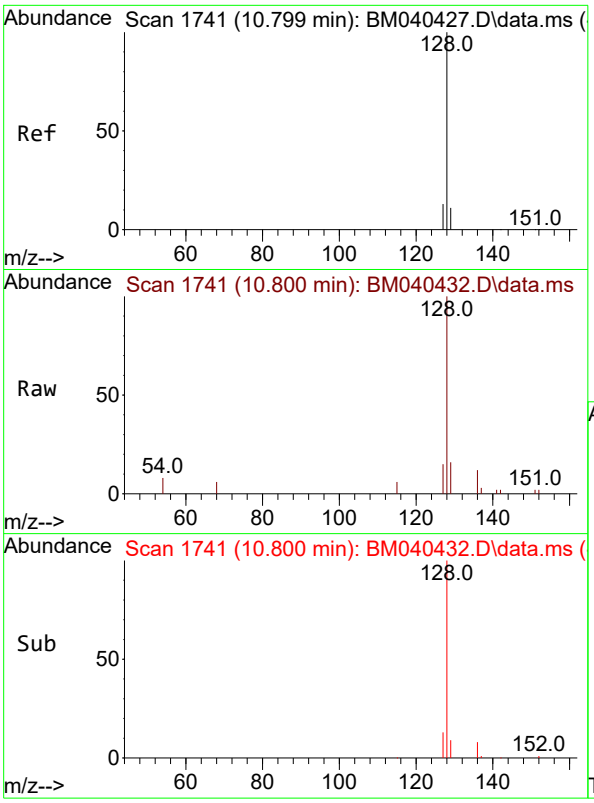


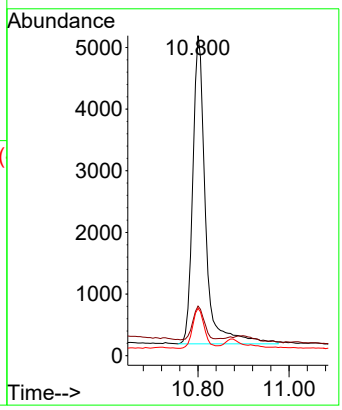


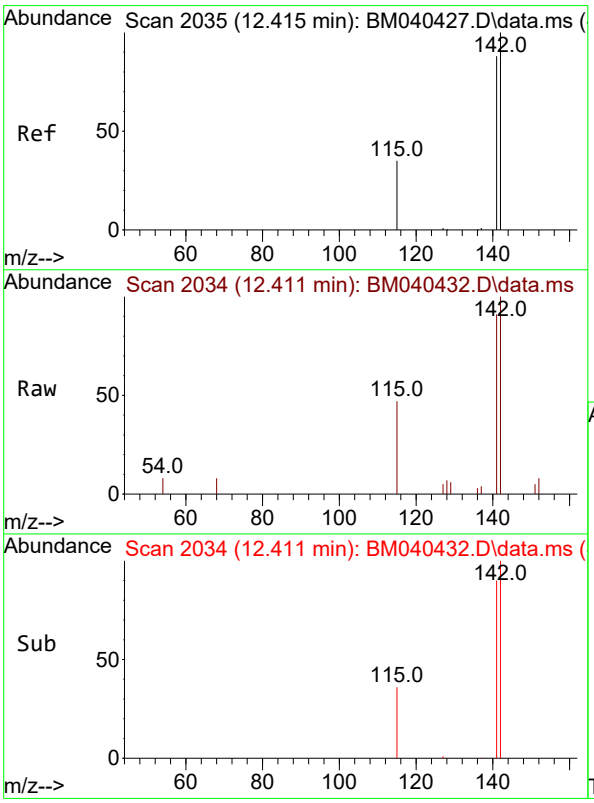
#5
Naphthalene
Concen: 0.163 ng/ul
RT: 10.800 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:128 Resp: 9730

Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.2	13.8#
127	14.8	10.6	15.8

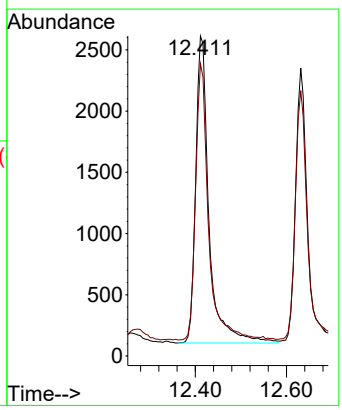


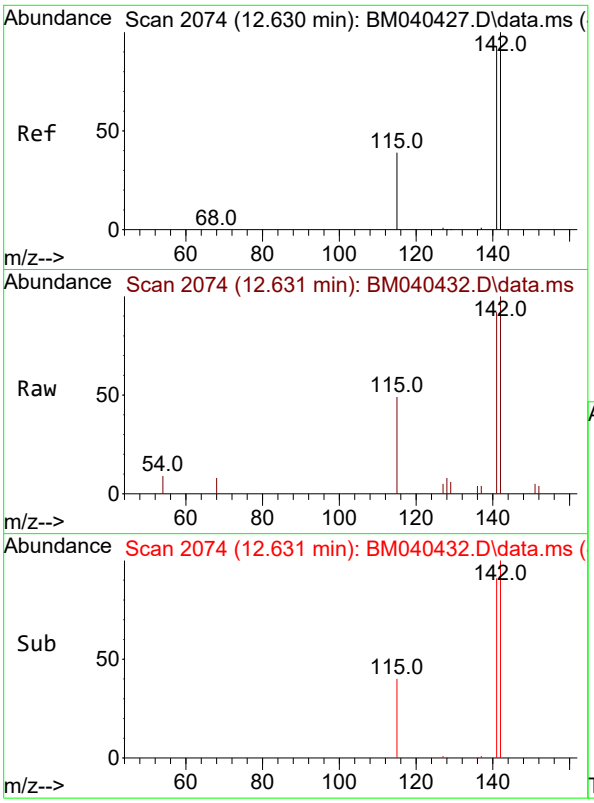


#7
2-Methylnaphthalene
Concen: 0.145 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Tgt Ion:142 Resp: 5087

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.9	107.9



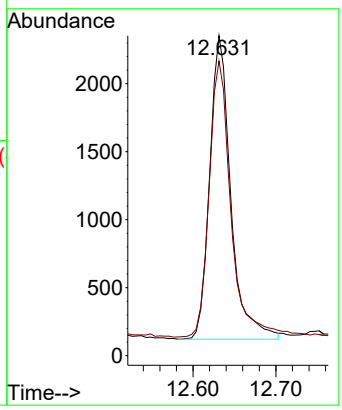


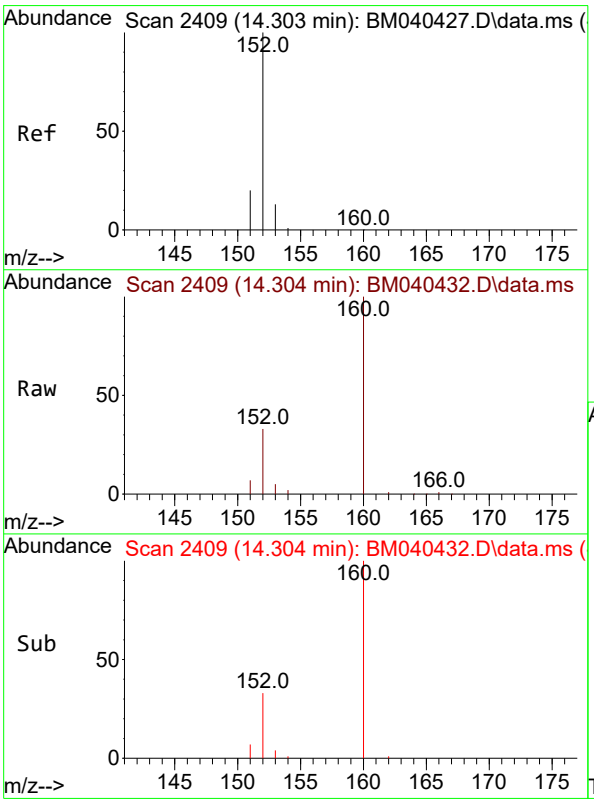
#8
1-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.631 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:142 Resp: 3953

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.7	110.5

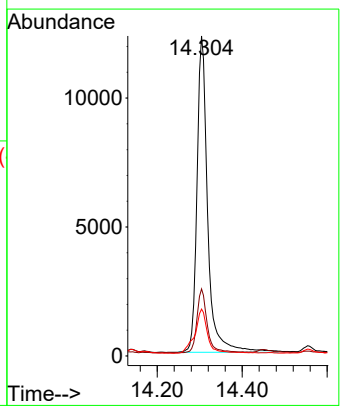


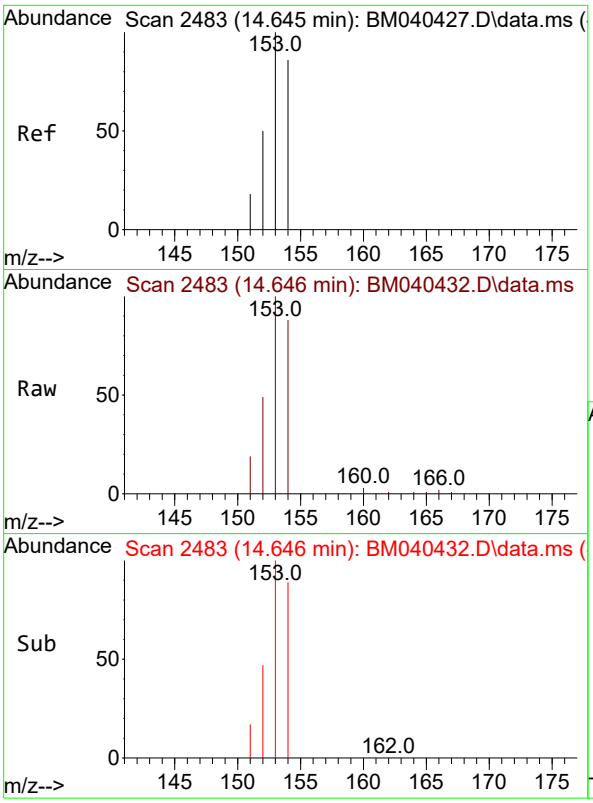


#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Tgt Ion:152 Resp: 21465

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2
153	14.7	10.9	16.3



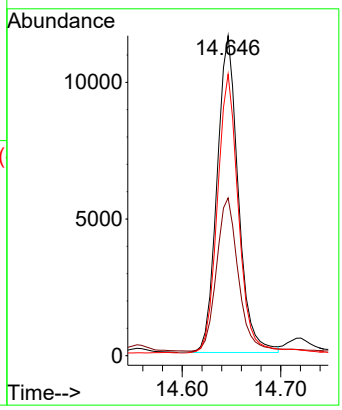


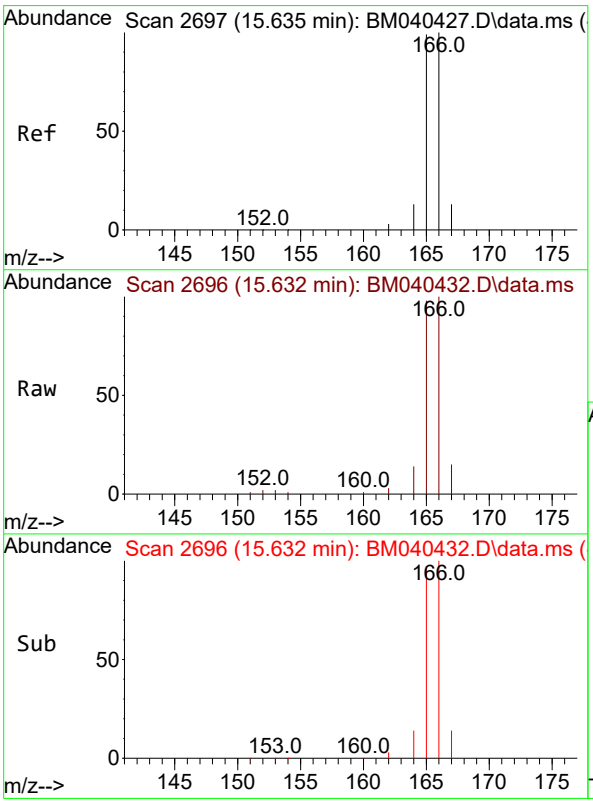
#11
Acenaphthene
Concen: 0.436 ng/ul
RT: 14.646 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:153 Resp: 17378

Ion	Ratio	Lower	Upper
153	100		
152	49.3	41.0	61.4
154	87.9	70.8	106.2

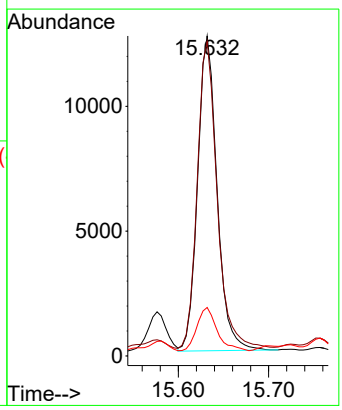


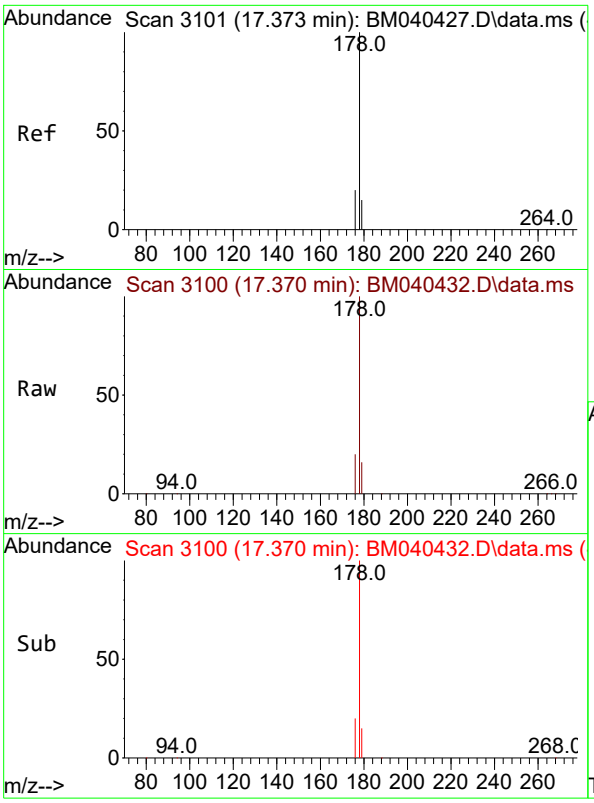


#12
Fluorene
Concen: 0.444 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Tgt Ion:166 Resp: 18883

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.6	119.4
167	15.1	11.4	17.0



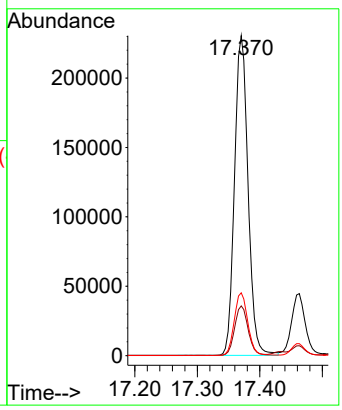


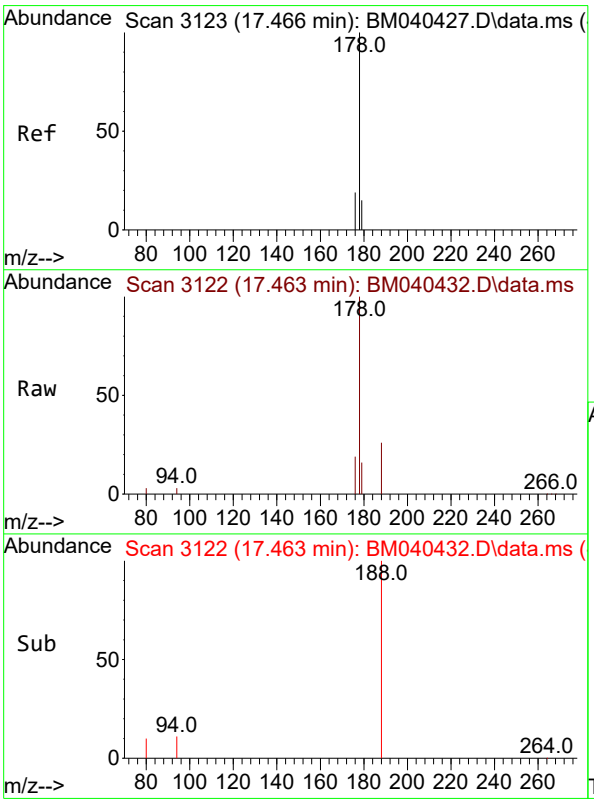
#15
Phenanthrene
Concen: 5.237 ng/ul
RT: 17.370 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:178 Resp: 346588

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.7	16.4	24.6

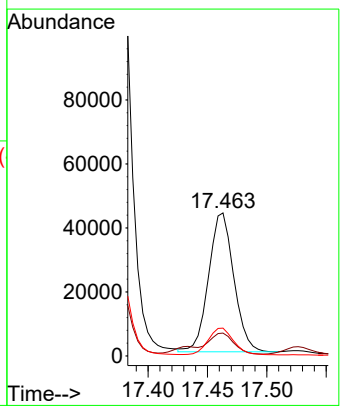


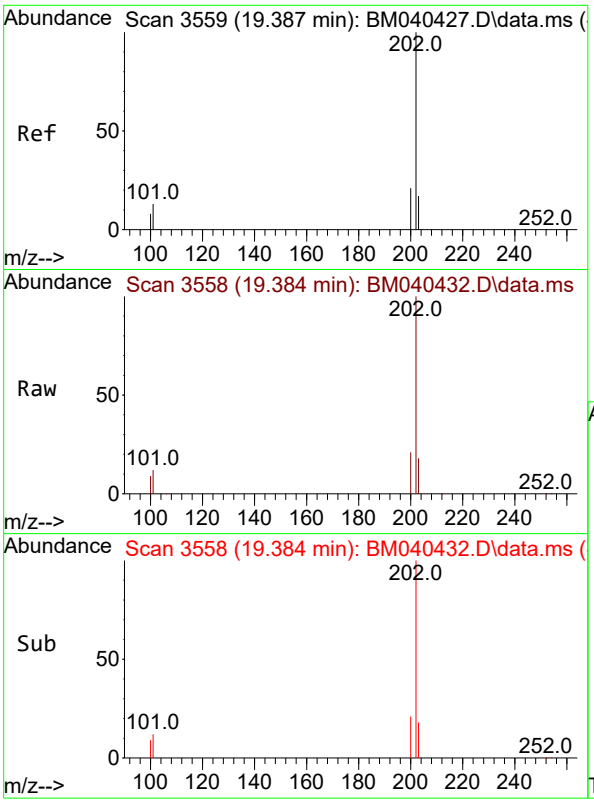


#16
Anthracene
Concen: 1.152 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Tgt Ion:178 Resp: 64085

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.4	15.8	23.6



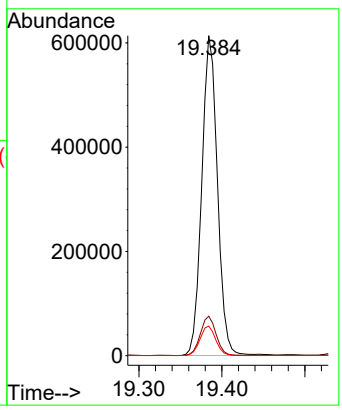


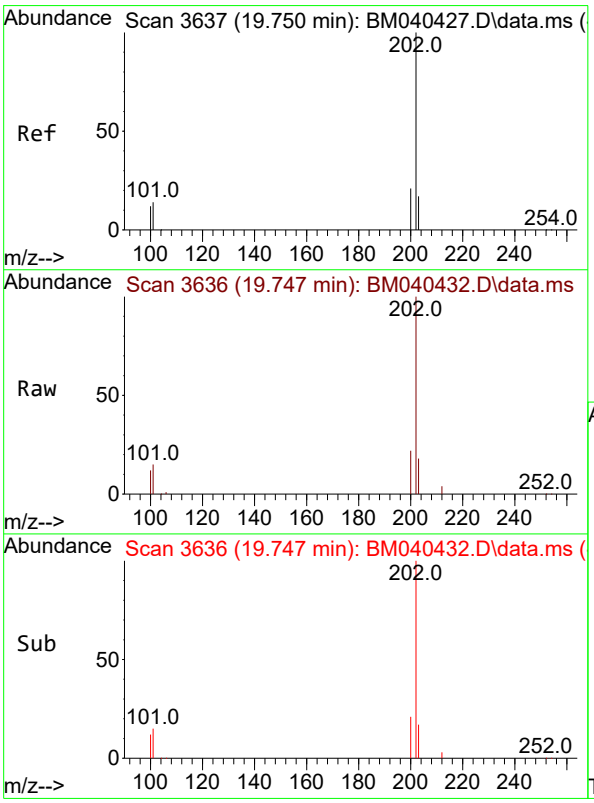
#19
Fluoranthene
Concen: 15.763 ng/ul
RT: 19.384 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:202 Resp: 806756

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.4	17.0
100	9.3	8.7	13.1

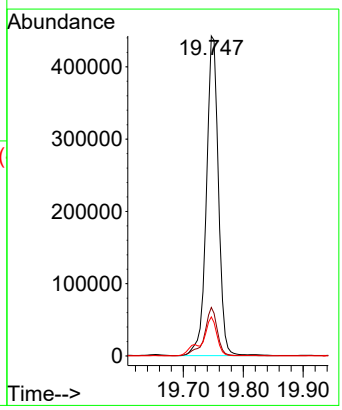


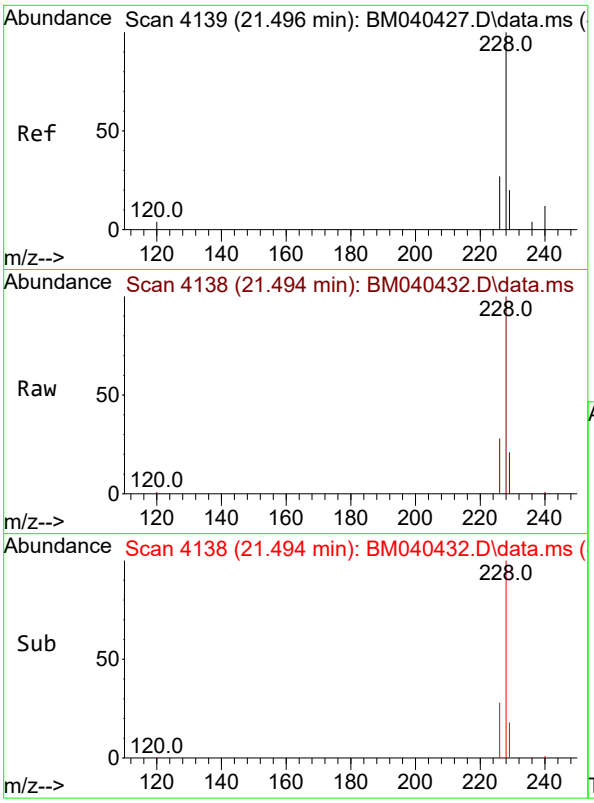


#20
Pyrene
Concen: 11.255 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Tgt Ion:202 Resp: 617600

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.6	18.8
100	12.2	9.8	14.6



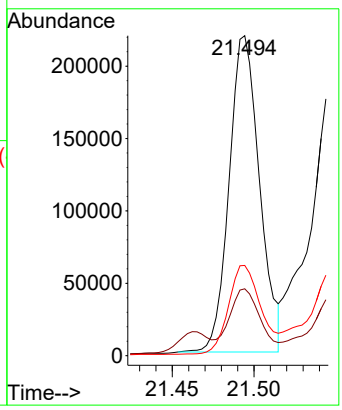


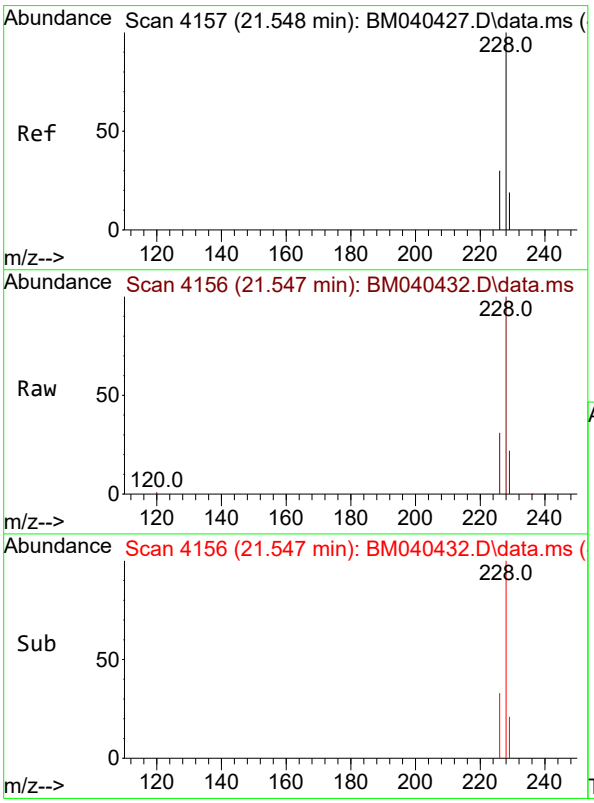
#21
Benzo(a)anthracene
Concen: 6.943 ng/ul
RT: 21.494 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:228 Resp: 282974

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	28.2	22.3	33.5

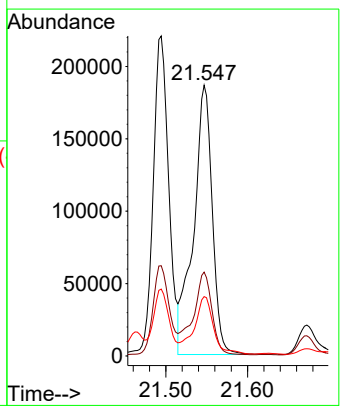


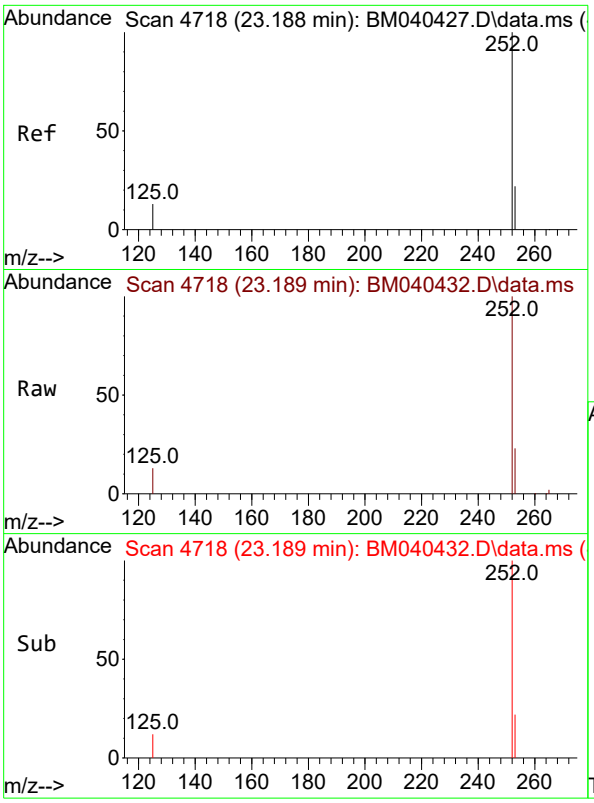


#22
Chrysene
Concen: 6.379 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Tgt Ion:228 Resp: 296555

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.9	15.8	23.6



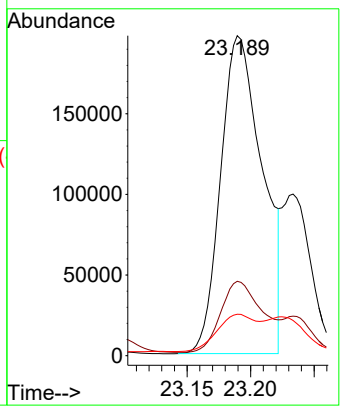


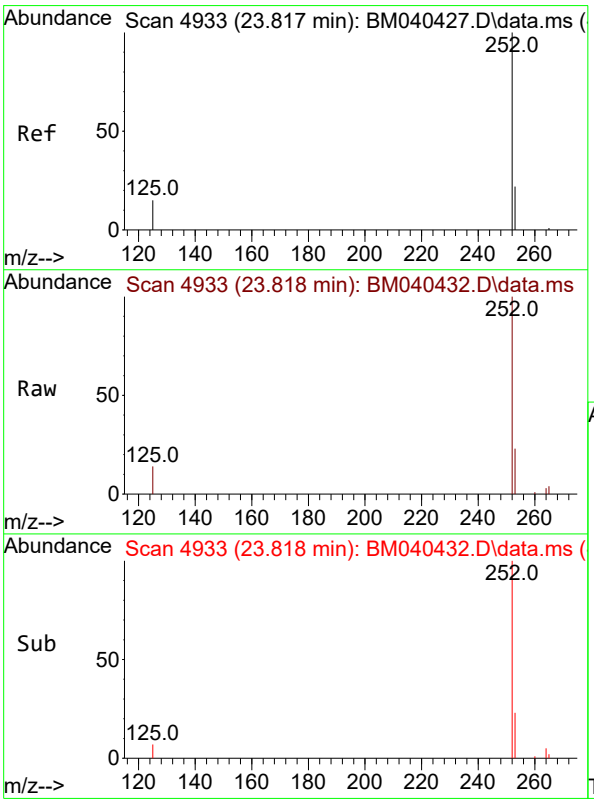
#24
Benzo(b)fluoranthene
Concen: 8.683 ng/ul
RT: 23.189 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:252 Resp: 451450

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	52.8
125	12.9	0.0	43.0

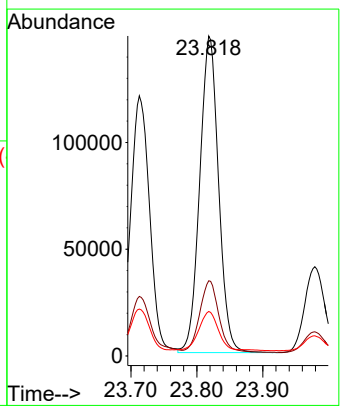


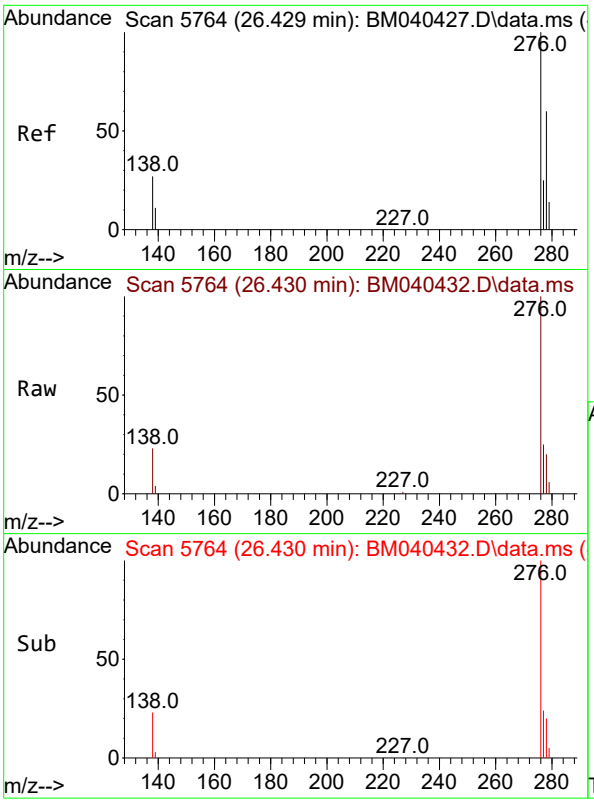


#26
Benzo(a)pyrene
Concen: 6.293 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Tgt Ion:252 Resp: 294730

Ion	Ratio	Lower	Upper
252	100		
253	23.5	22.9	34.3
125	13.9	21.0	31.4#



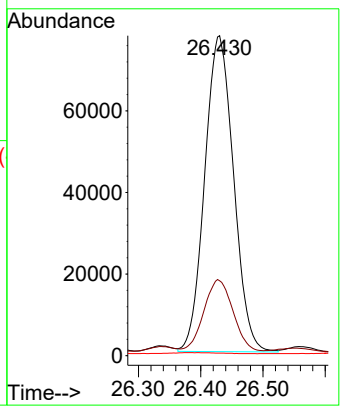


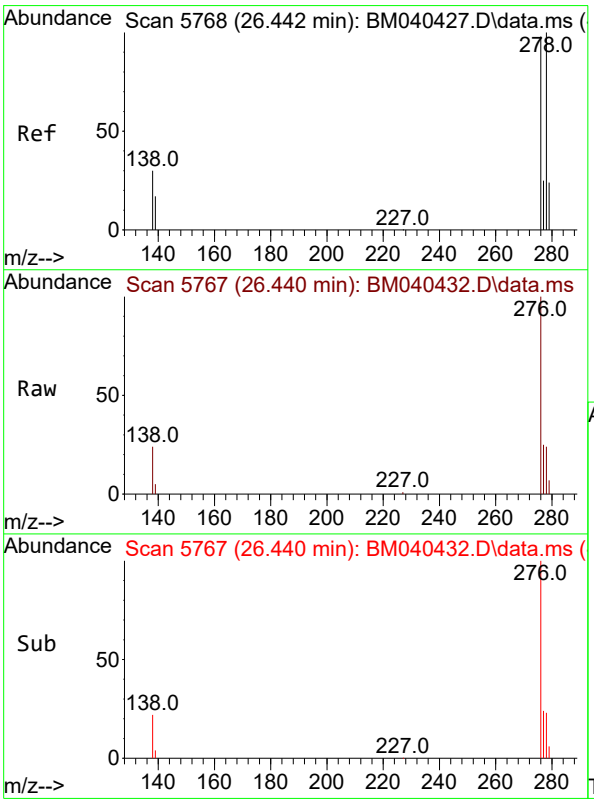
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.826 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:276 Resp: 249517

Ion	Ratio	Lower	Upper
276	100		
138	23.0	24.5	36.7#
227	0.0	0.1	0.1#

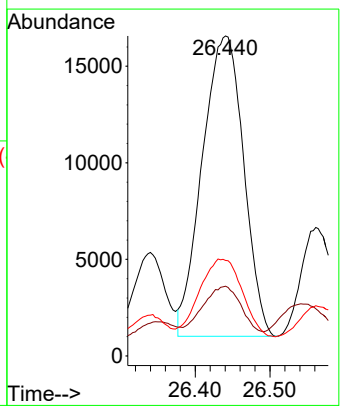


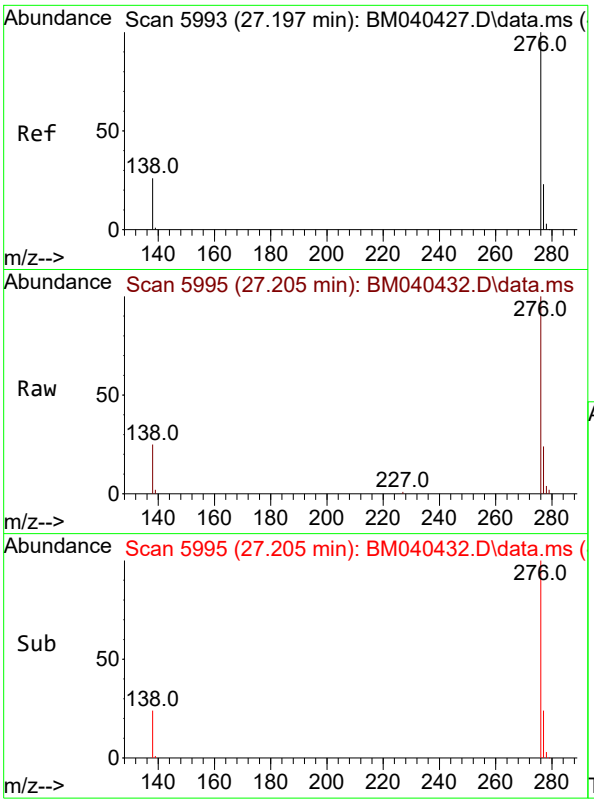


#28
Dibenzo(a,h)anthracene
Concen: 1.172 ng/ul
RT: 26.440 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Tgt Ion:278 Resp: 59840

Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.9	26.9
279	29.8	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 3.756 ng/ul
RT: 27.205 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM040432.D
Acq: 29 Jun 2023 11:43

Instrument :
BNA_M
ClientSampleId :
DCFU1

Tgt Ion:276 Resp: 214700

Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.0	34.6
277	24.5	20.3	30.5