Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040362.D
Acq On : 22 Jun 2023 23:23
Operator : MA/JU
Sample : 03084-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFN5

Quant Time: Jun 23 02:28:22 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	7.953	152	11784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	41326	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.591	164	20552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	32008	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	21414	0.400	ng/ul	# 0.00
23) Perylene-d12	23.932	264	24366	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	42863	2.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	10529	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	13373	0.195	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.811	128	53877	0.473	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	36233	0.541	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	22321	0.334	ng/ul	100
10) Acenaphthylene	14.313	152	91814	1.000	ng/ul	99
11) Acenaphthene	14.651	153	6062	0.078	ng/ul	95
12) Fluorene	15.637	166	6266	0.076	ng/ul#	83
15) Phenanthrene	17.379	178	156747	1.577	ng/ul	99
16) Anthracene	17.467	178	41940	0.502	ng/ul	99
19) Fluoranthene	19.389	202	570173	6.268	ng/ul	96
20) Pyrene	19.751	202	493149	5.057	ng/ul	99
21) Benzo(a)anthracene	21.500	228	288510	3.983	ng/ul	96
22) Chrysene	21.553	228	337729	4.087	ng/ul	97
24) Benzo(b)fluoranthene	23.195	252	528610	5.606	ng/ul	91
26) Benzo(a)pyrene	23.824	252	293291	3.453	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.437	276	256536	2.169	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.447	278	66023	0.713	ng/ul	91
29) Benzo(g,h,i)perylene	27.215	276	240822	2.323	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040362.D
Acq On : 22 Jun 2023 23:23
Operator : MA/JU
Sample : 03084-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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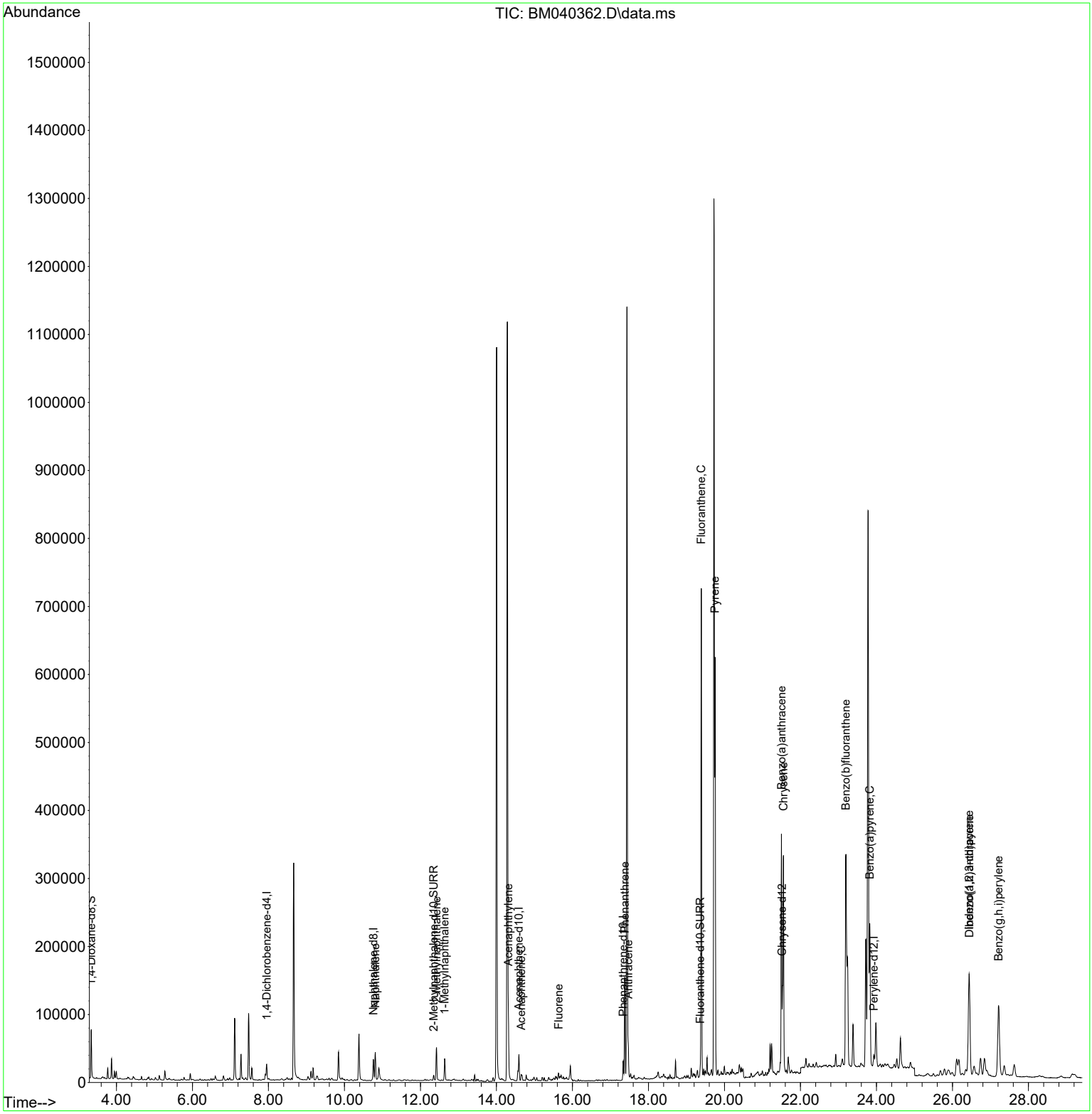
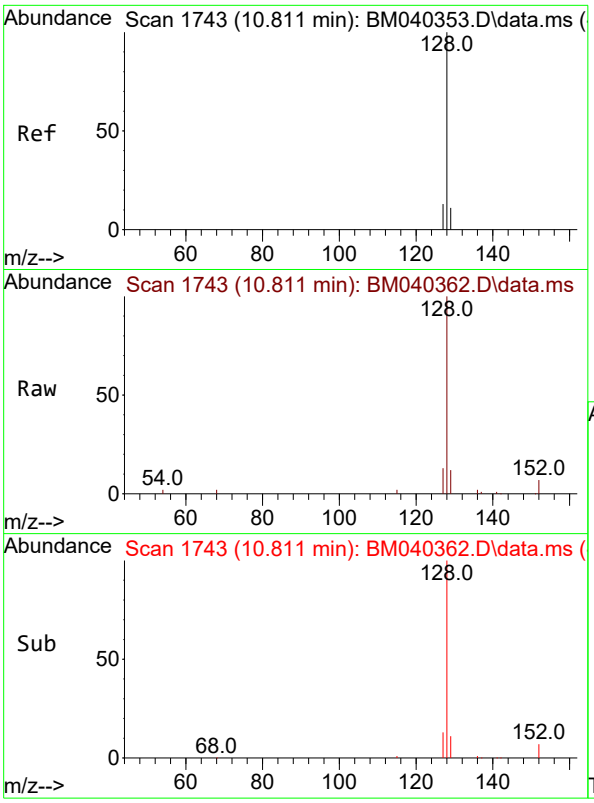
DCFN5

Quant Time: Jun 23 02:28:22 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



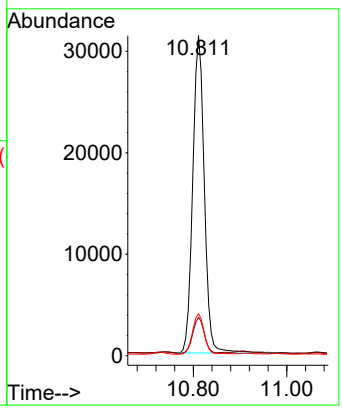


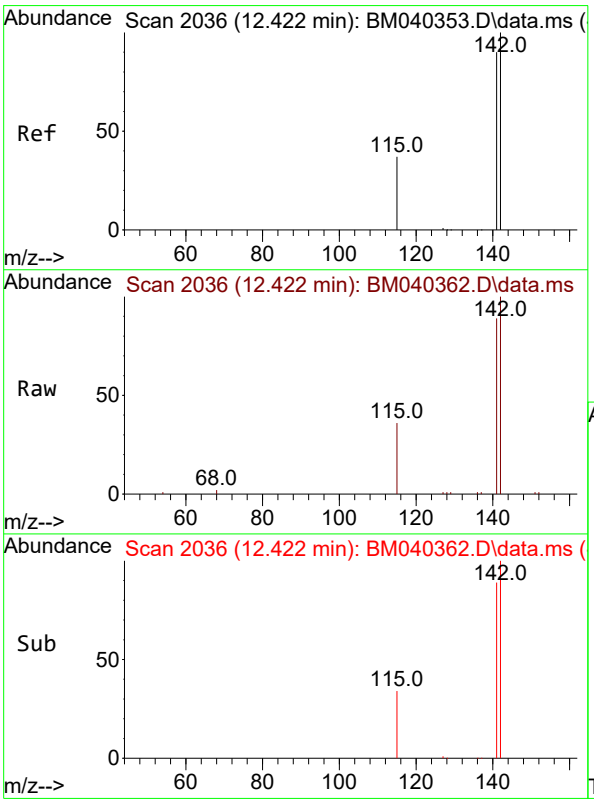
#5
Naphthalene
Concen: 0.473 ng/ul
RT: 10.811 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Instrument :
BNA_M
ClientSampleId :
DCFN5

Tgt Ion:128 Resp: 53877

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.1	10.6	15.8

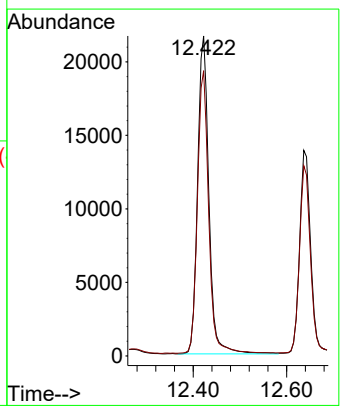


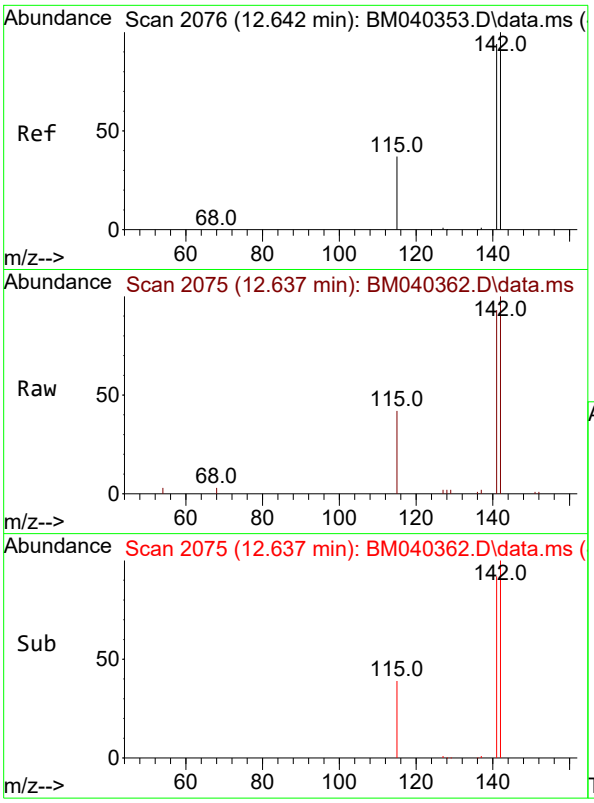


#7
2-Methylnaphthalene
Concen: 0.541 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Tgt Ion:142 Resp: 36233

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9



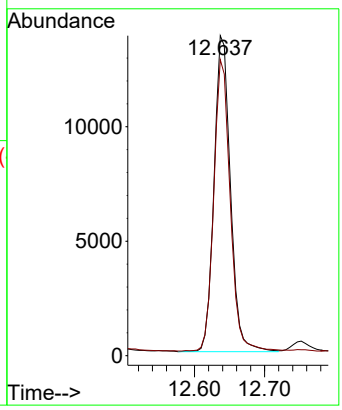


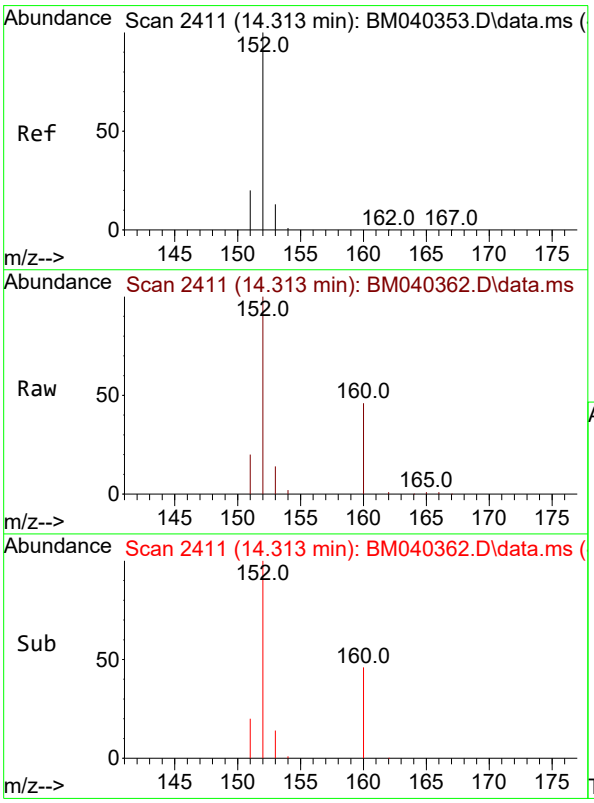
#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Instrument :
BNA_M
ClientSampleId :
DCFN5

Tgt Ion:142 Resp: 22321

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.7	110.5

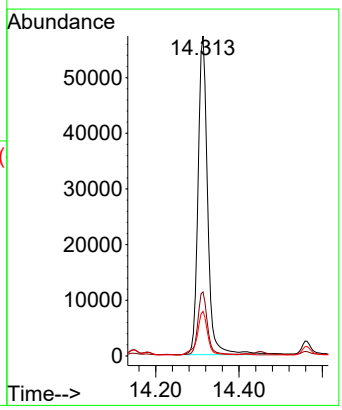


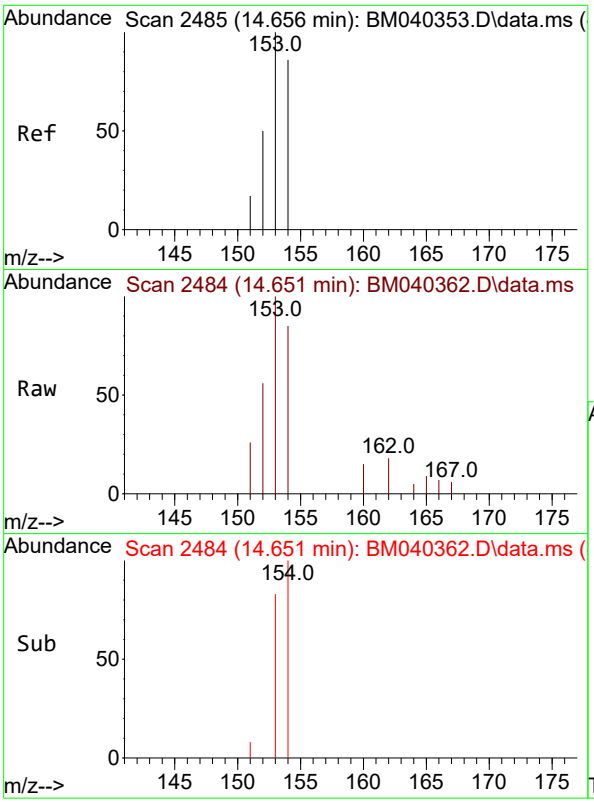


#10
Acenaphthylene
Concen: 1.000 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Tgt Ion:152 Resp: 91814

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.9	10.9	16.3



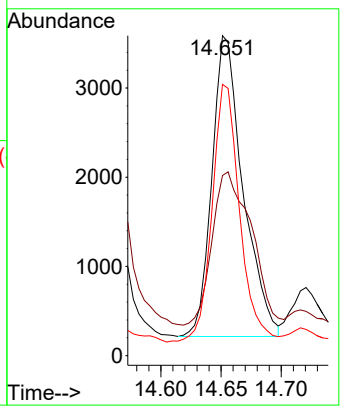


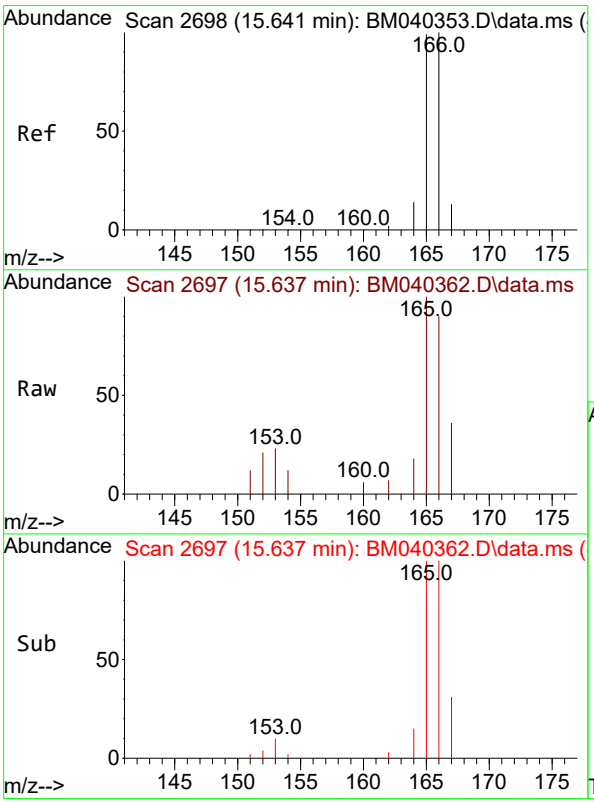
#11
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Instrument :
BNA_M
ClientSampleId :
DCFN5

Tgt Ion:153 Resp: 6062

Ion	Ratio	Lower	Upper
153	100		
152	56.3	41.0	61.4
154	84.8	70.8	106.2

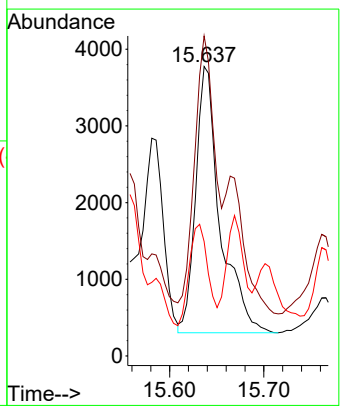


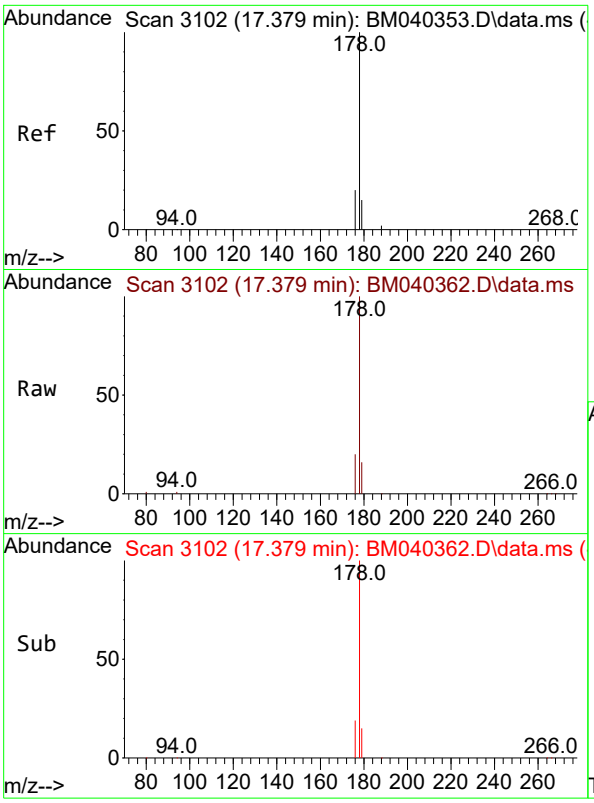


#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Tgt Ion:166 Resp: 6266

Ion	Ratio	Lower	Upper
166	100		
165	110.5	79.6	119.4
167	39.5	11.4	17.0#



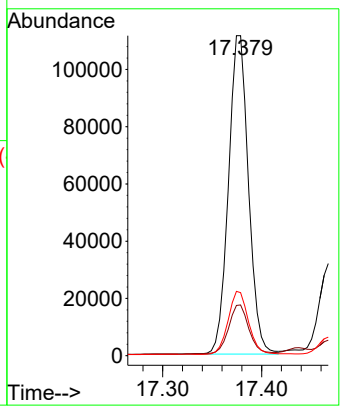


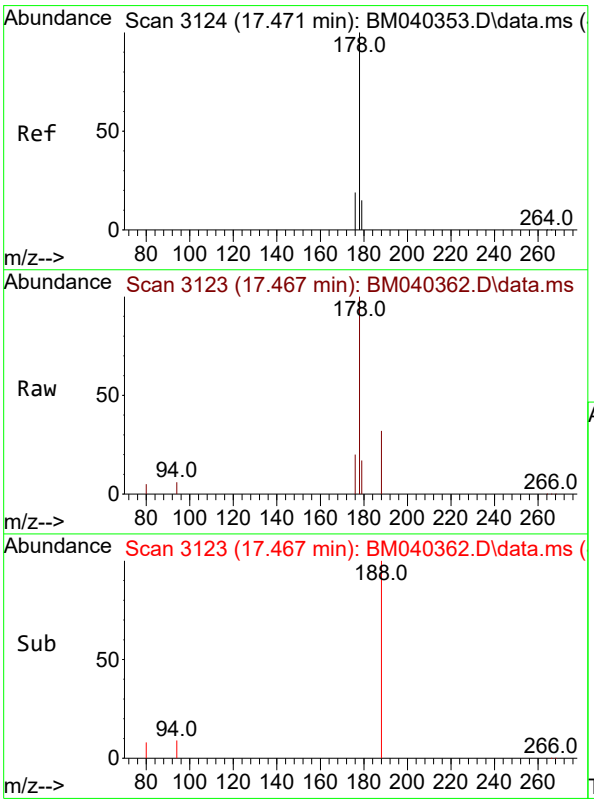
#15
Phenanthrene
Concen: 1.577 ng/ul
RT: 17.379 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Instrument :
BNA_M
ClientSampleId :
DCFN5

Tgt Ion:178 Resp: 156747

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.7	16.4	24.6

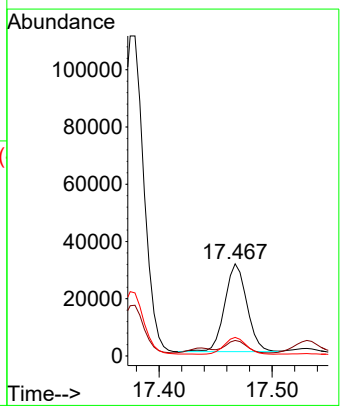


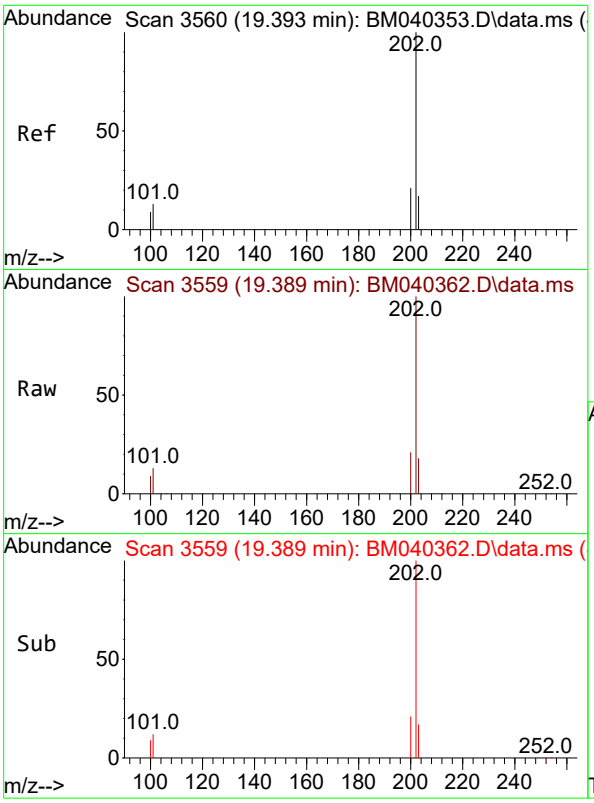


#16
Anthracene
Concen: 0.502 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Tgt Ion:178 Resp: 41940

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.9	19.3
176	20.1	15.8	23.6



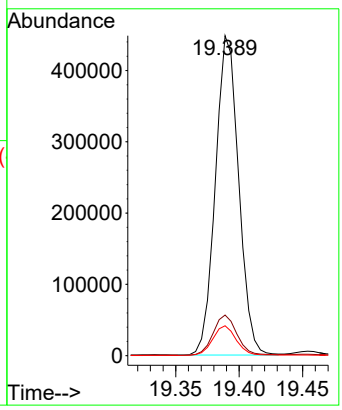


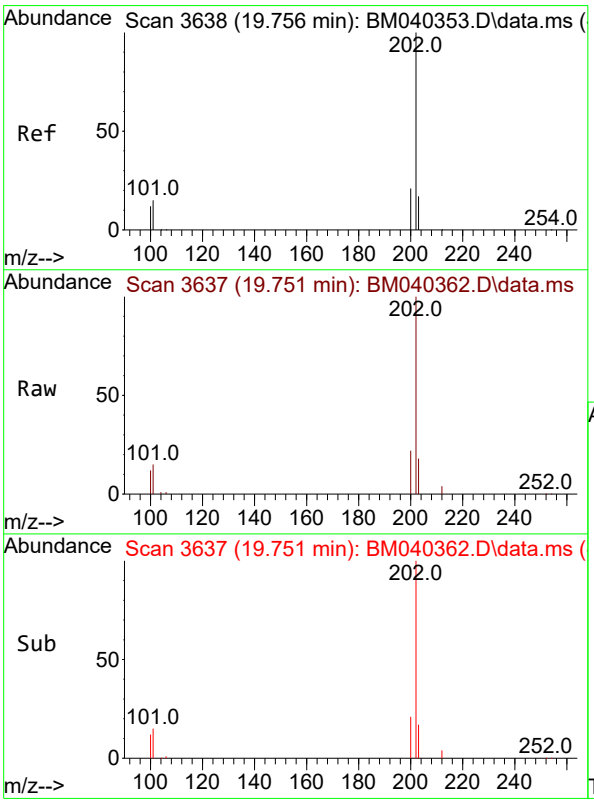
#19
Fluoranthene
Concen: 6.268 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Instrument :
BNA_M
ClientSampleId :
DCFN5

Tgt Ion:202 Resp: 570173

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.4	17.0
100	9.4	8.7	13.1

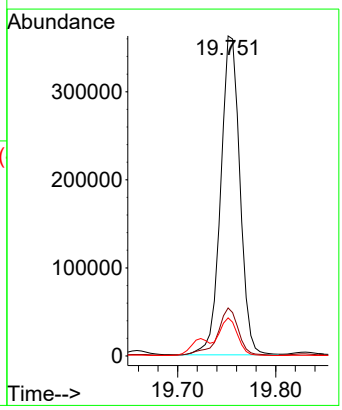


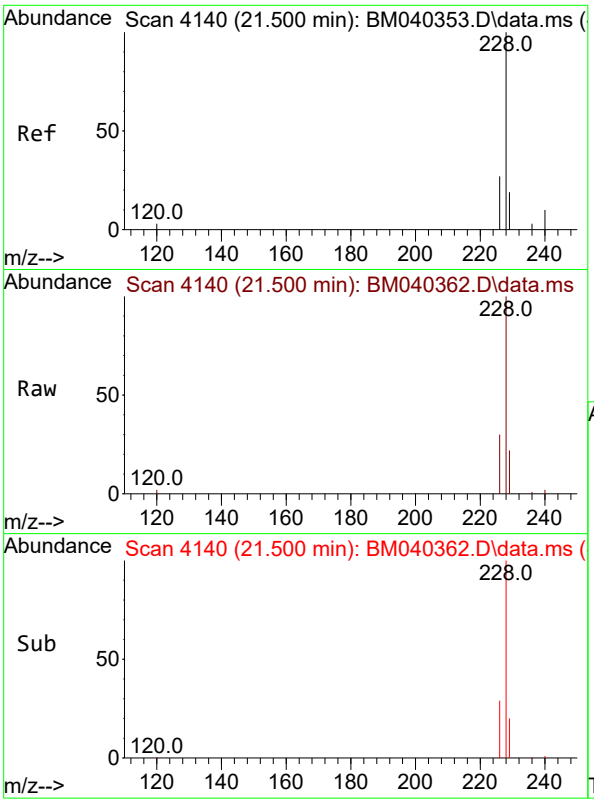


#20
Pyrene
Concen: 5.057 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Tgt Ion:202 Resp: 493149

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.6	18.8
100	11.9	9.8	14.6



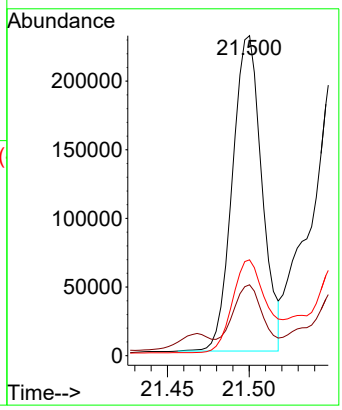


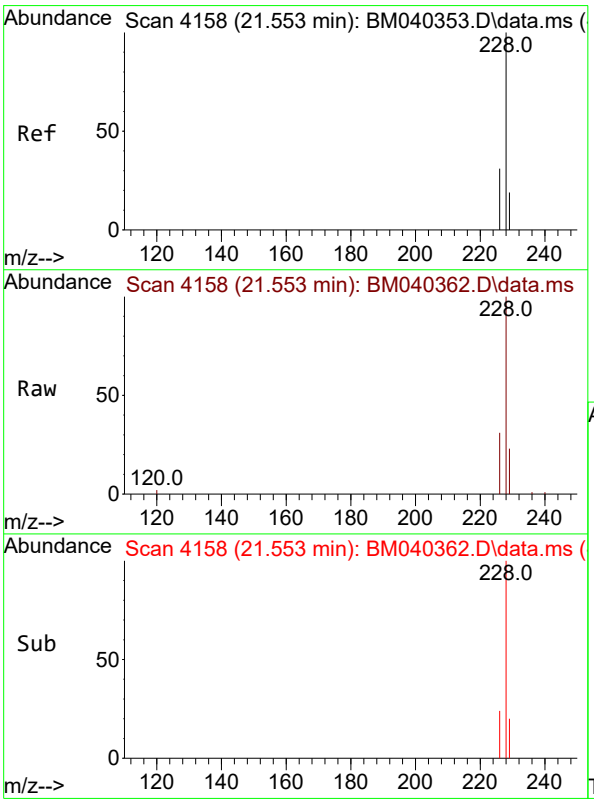
#21
Benzo(a)anthracene
Concen: 3.983 ng/ul
RT: 21.500 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Instrument :
BNA_M
ClientSampleId :
DCFN5

Tgt Ion:228 Resp: 288510

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.0	24.0
226	30.0	22.3	33.5

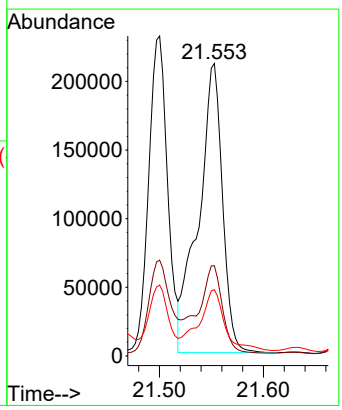


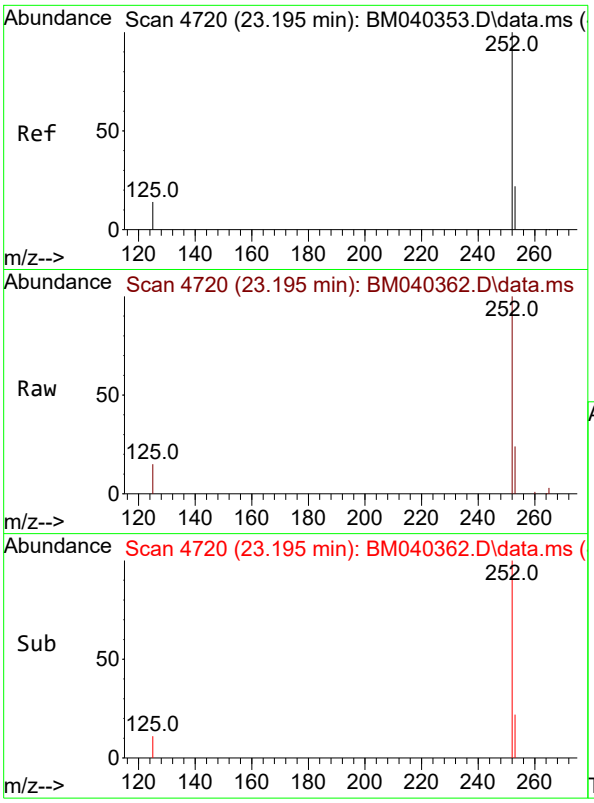


#22
Chrysene
Concen: 4.087 ng/ul
RT: 21.553 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Tgt Ion:228 Resp: 337729

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.7	15.8	23.6



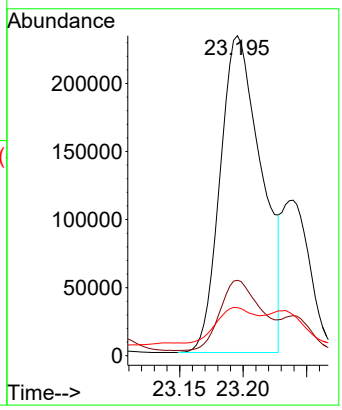


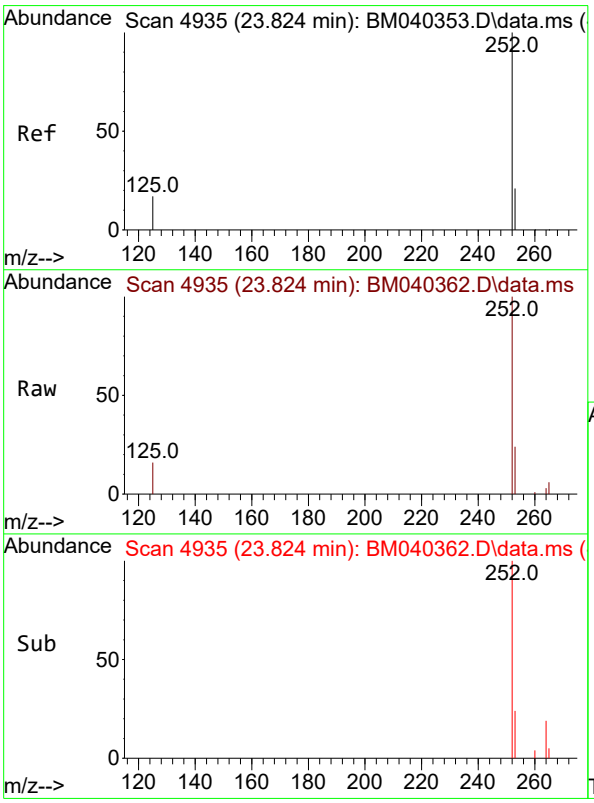
#24
Benzo(b)fluoranthene
Concen: 5.606 ng/ul
RT: 23.195 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Instrument :
BNA_M
ClientSampleId :
DCFN5

Tgt Ion:252 Resp: 528610

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	52.8
125	15.0	0.0	43.0

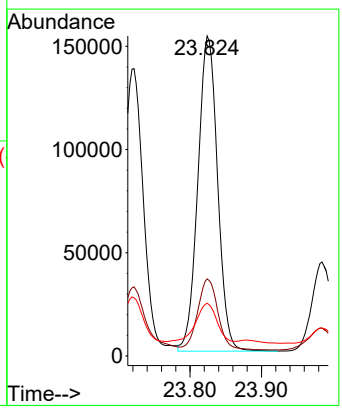


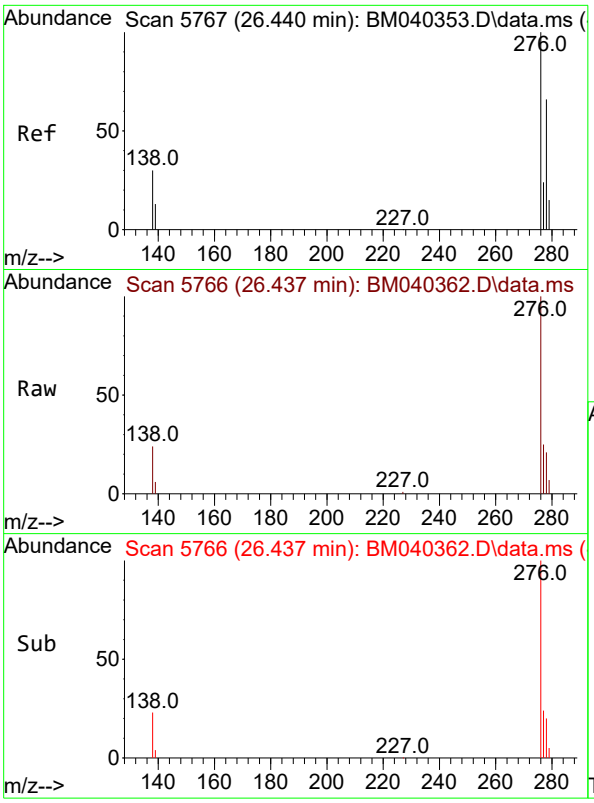


#26
Benzo(a)pyrene
Concen: 3.453 ng/ul
RT: 23.824 min Scan# 4935
Delta R.T. -0.000 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Tgt Ion:252 Resp: 293291

Ion	Ratio	Lower	Upper
252	100		
253	24.1	22.9	34.3
125	16.4	21.0	31.4#



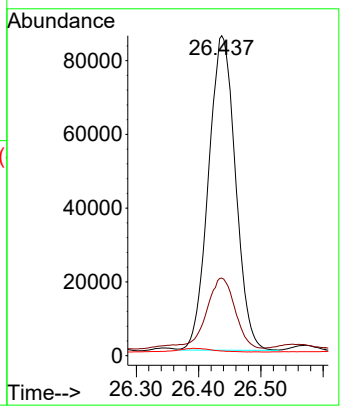


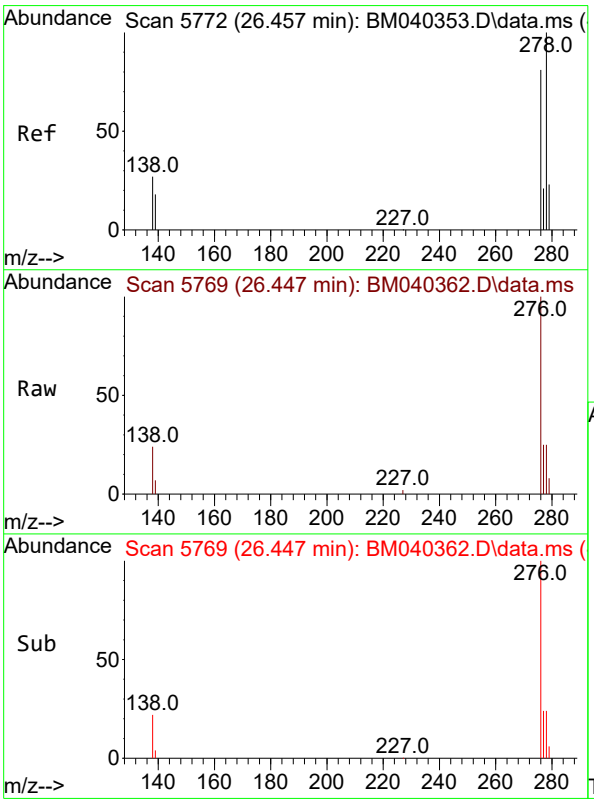
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.169 ng/ul
RT: 26.437 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Instrument :
BNA_M
ClientSampleId :
DCFN5

Tgt Ion:276 Resp: 256536

Ion	Ratio	Lower	Upper
276	100		
138	24.8	24.5	36.7
227	0.0	0.1	0.1#

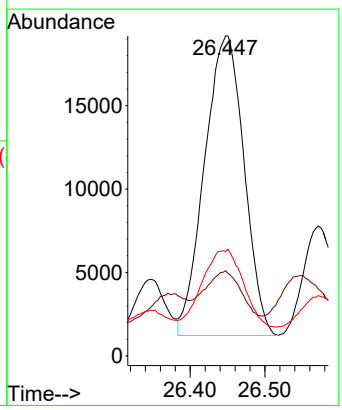


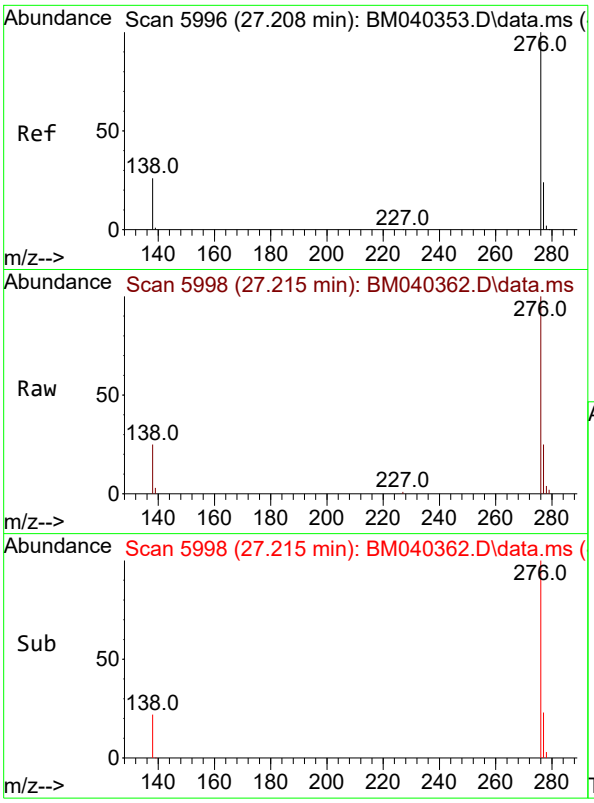


#28
Dibenzo(a,h)anthracene
Concen: 0.713 ng/ul
RT: 26.447 min Scan# 5769
Delta R.T. -0.007 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Tgt Ion:278 Resp: 66023

Ion	Ratio	Lower	Upper
278	100		
139	26.7	17.9	26.9
279	32.6	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 2.323 ng/ul
RT: 27.215 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM040362.D
Acq: 22 Jun 2023 23:23

Instrument :
BNA_M
ClientSampleId :
DCFN5

Tgt Ion:276 Resp: 240822

Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.0	34.6
277	24.8	20.3	30.5