Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040405.D
Acq On : 26 Jun 2023 17:19
Operator : MA/JU
Sample : 03084-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Quant Time: Jun 27 04:26:27 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	6785	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	22215	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.586	164	8965	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	15683	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	11048	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	12542	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	24851	2.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	4522	0.145	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	5585	0.158	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	23328	0.381	ng/ul	98
7) 2-Methylnaphthalene	12.417	142	13517	0.376	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	8846	0.246	ng/ul	99
10) Acenaphthylene	14.309	152	57915	1.446	ng/ul	100
11) Acenaphthene	14.651	153	4969	0.147	ng/ul	98
12) Fluorene	15.637	166	7264	0.201	ng/ul#	99
15) Phenanthrene	17.374	178	148459	3.048	ng/ul	98
16) Anthracene	17.463	178	40011	0.977	ng/ul	100
19) Fluoranthene	19.389	202	405594	8.643	ng/ul	95
20) Pyrene	19.751	202	333132	6.621	ng/ul	97
21) Benzo(a)anthracene	21.494	228	199130	5.329	ng/ul	98
22) Chrysene	21.547	228	202887	4.759	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	371792	7.660	ng/ul	89
26) Benzo(a)pyrene	23.818	252	221560	5.068	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.427	276	199316	3.273	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.437	278	48831	1.024	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	182518	3.420	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040405.D
Acq On : 26 Jun 2023 17:19
Operator : MA/JU
Sample : 03084-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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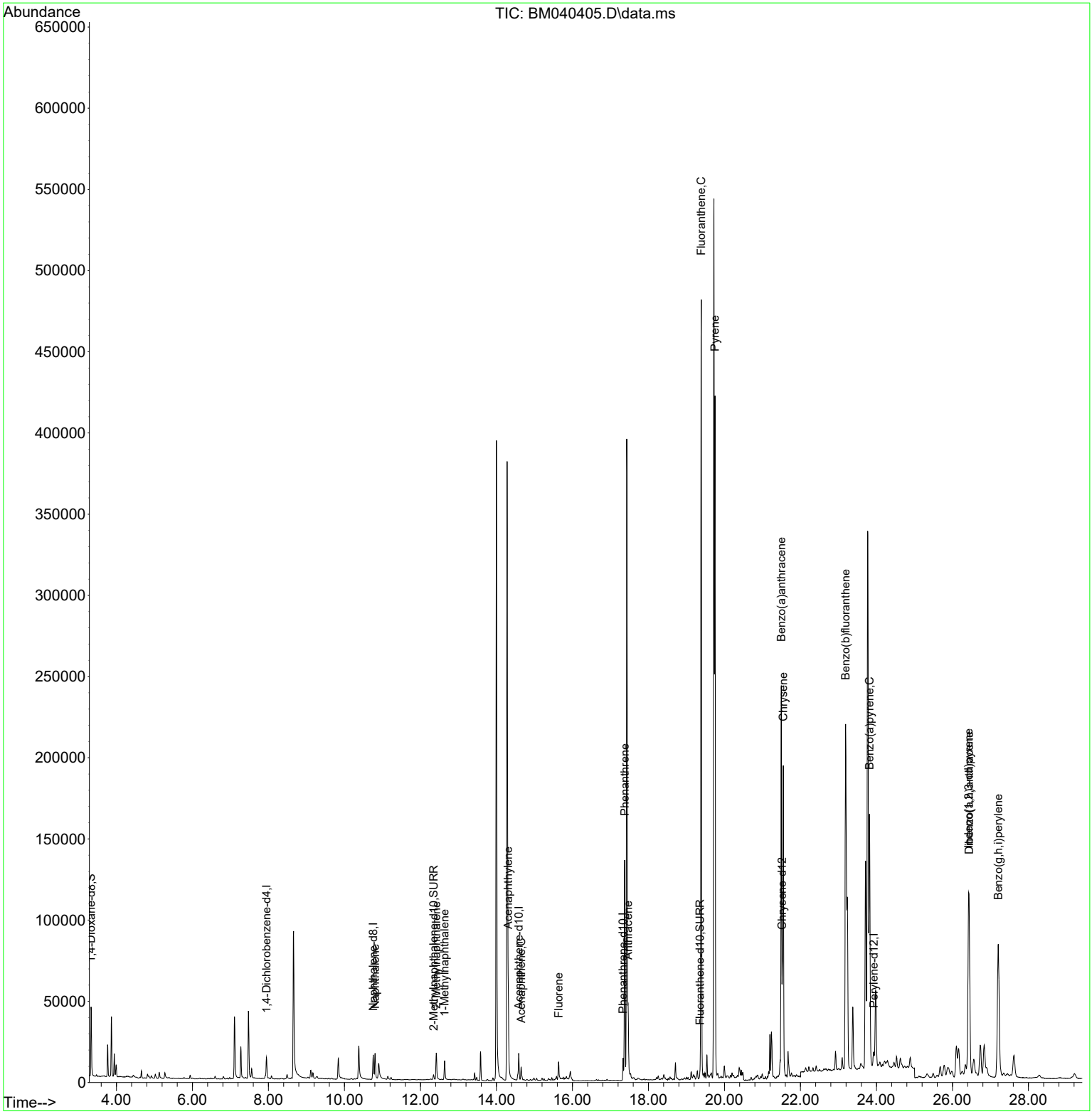
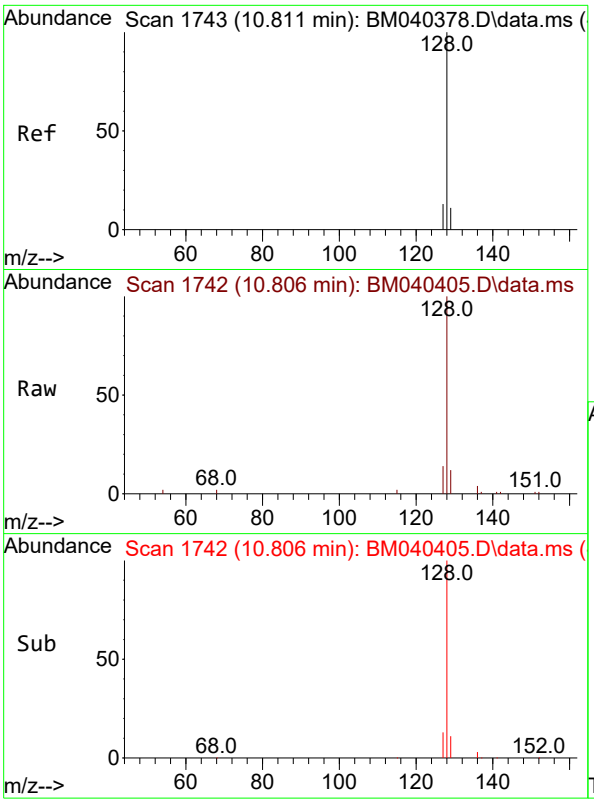
DCFQ7

Quant Time: Jun 27 04:26:27 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



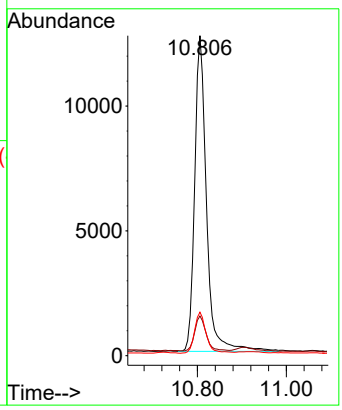


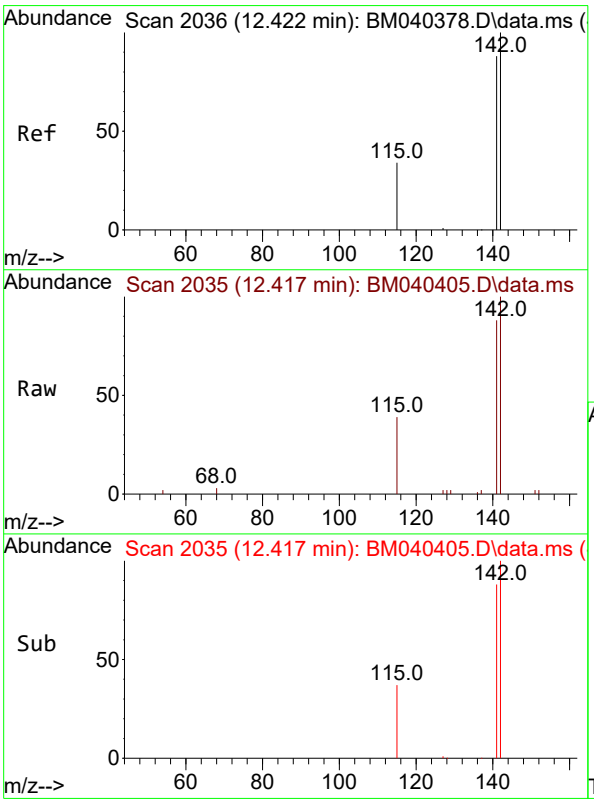
#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.806 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:128 Resp: 23328

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.2	13.8
127	13.6	10.6	15.8

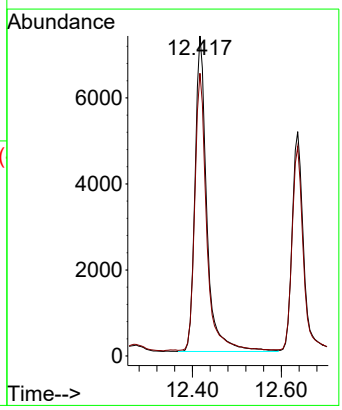


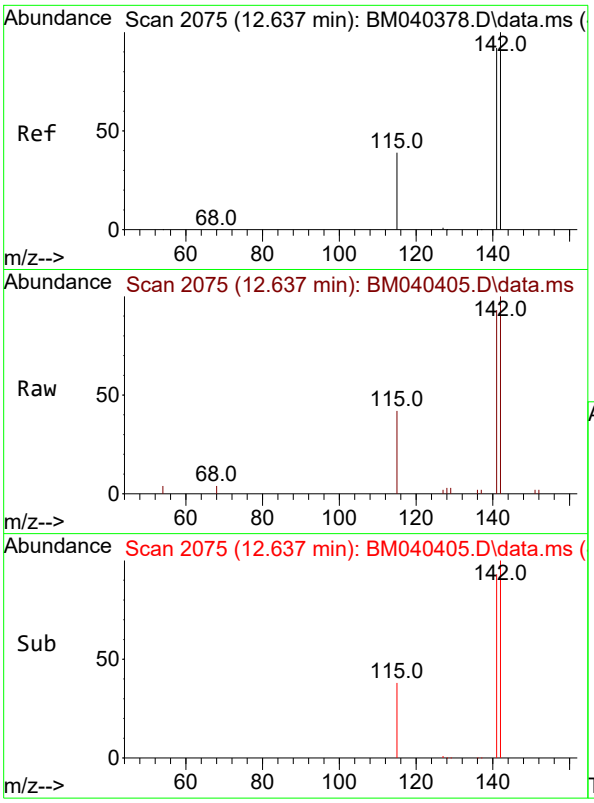


#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Tgt Ion:142 Resp: 13517

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.9	107.9



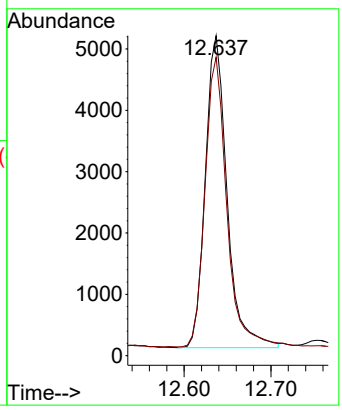


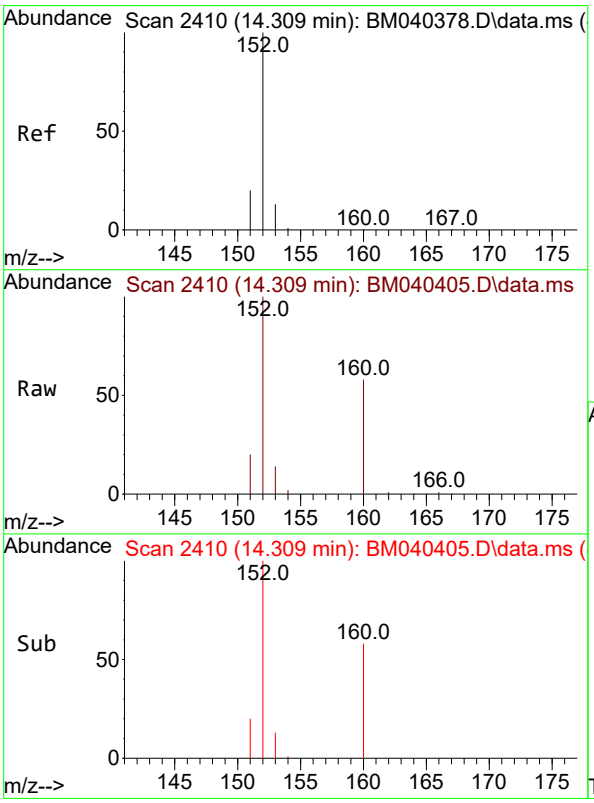
#8
1-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:142 Resp: 8846

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.7	110.5

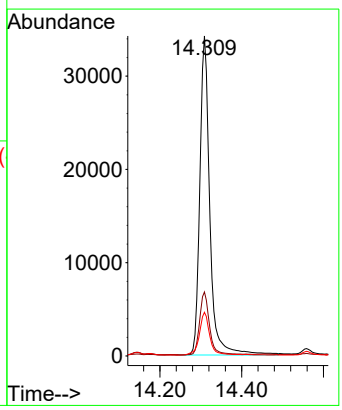


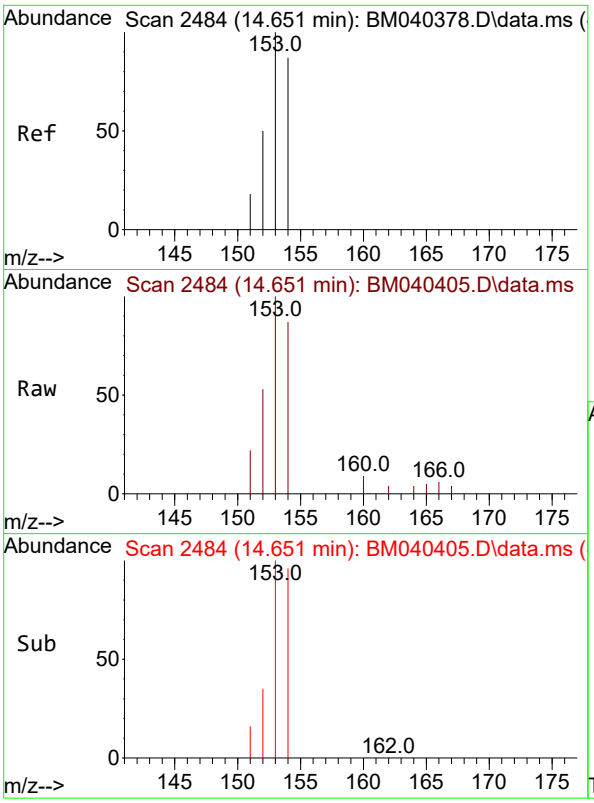


#10
Acenaphthylene
Concen: 1.446 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Tgt Ion:152 Resp: 57915

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.7	10.9	16.3



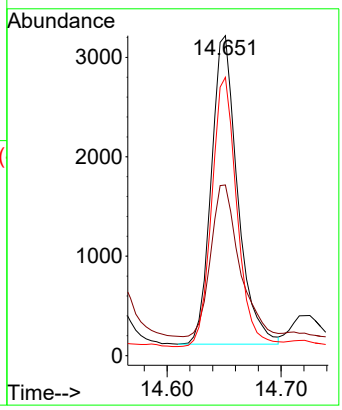


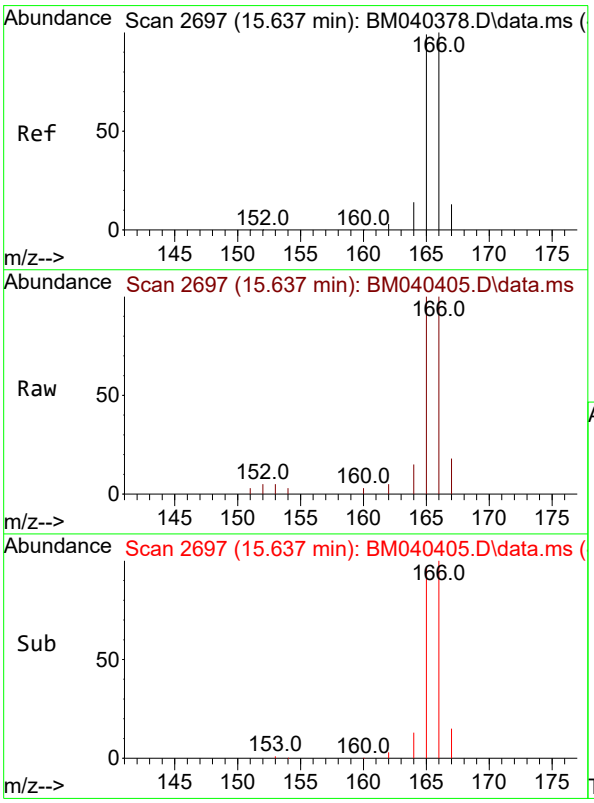
#11
Acenaphthene
Concen: 0.147 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:153 Resp: 4969

Ion	Ratio	Lower	Upper
153	100		
152	53.4	41.0	61.4
154	87.0	70.8	106.2

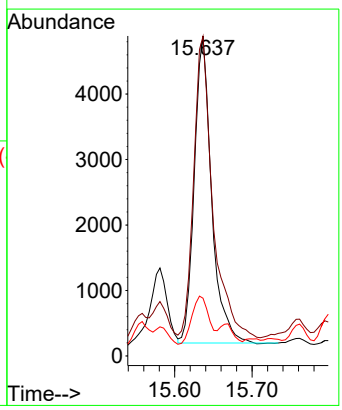


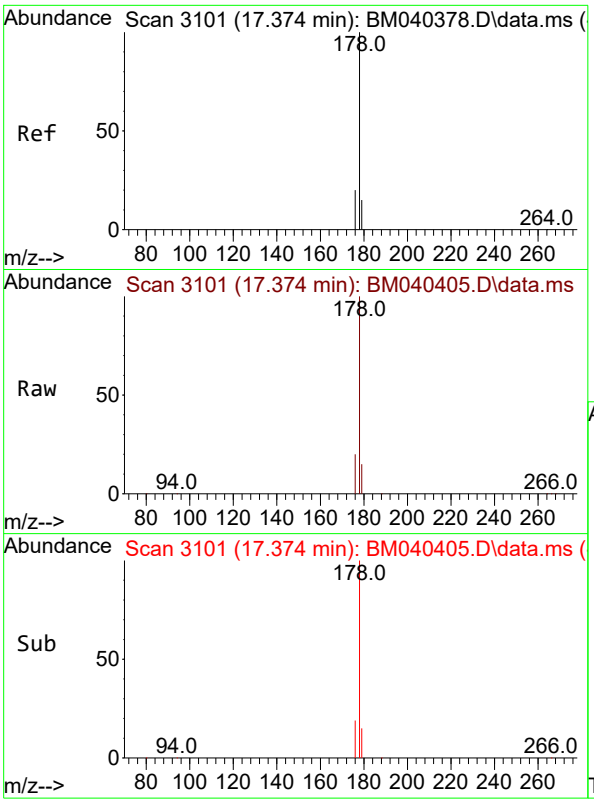


#12
Fluorene
Concen: 0.201 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Tgt Ion:166 Resp: 7264

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.6	119.4
167	18.1	11.4	17.0#



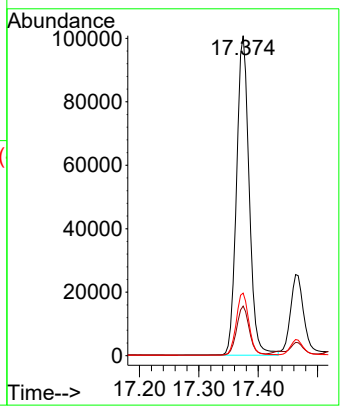


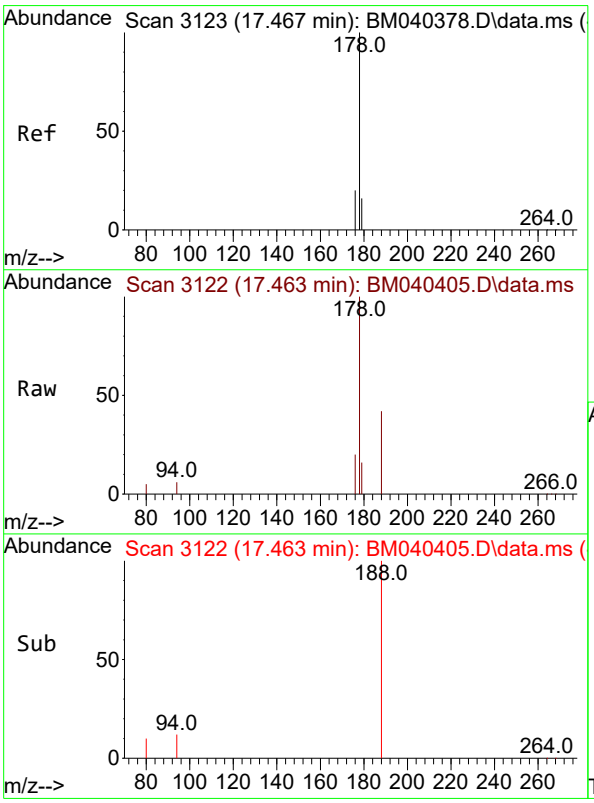
#15
Phenanthrene
Concen: 3.048 ng/ul
RT: 17.374 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:178 Resp: 148459

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.6	16.4	24.6

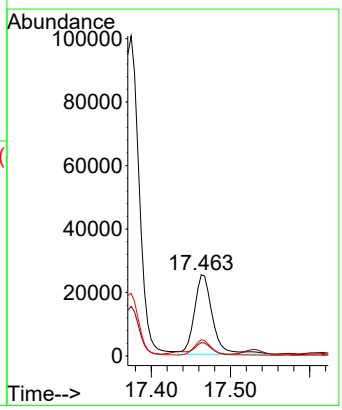


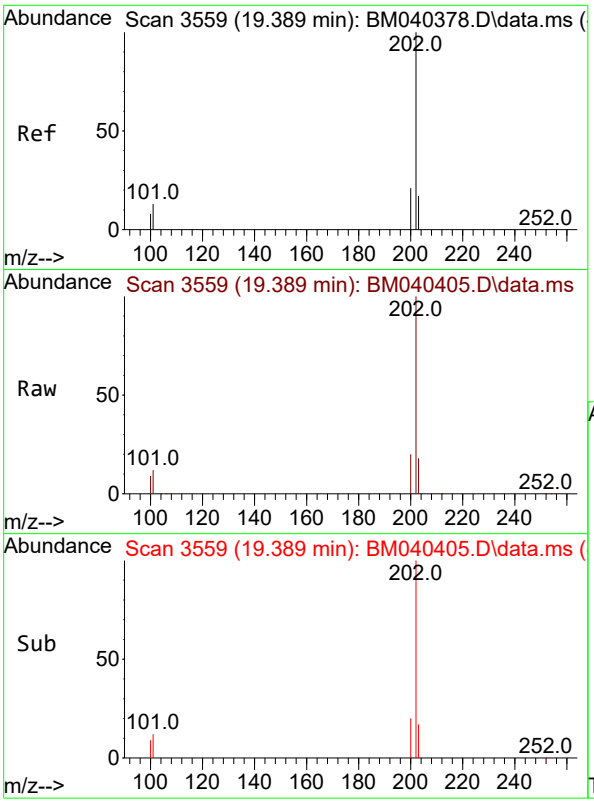


#16
Anthracene
Concen: 0.977 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Tgt Ion:178 Resp: 40011

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.8	15.8	23.6



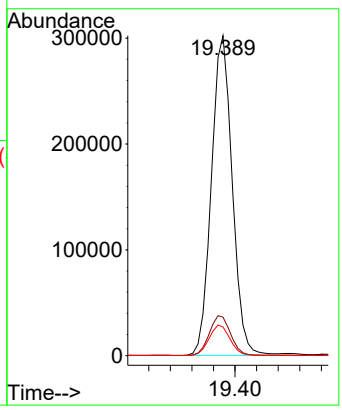


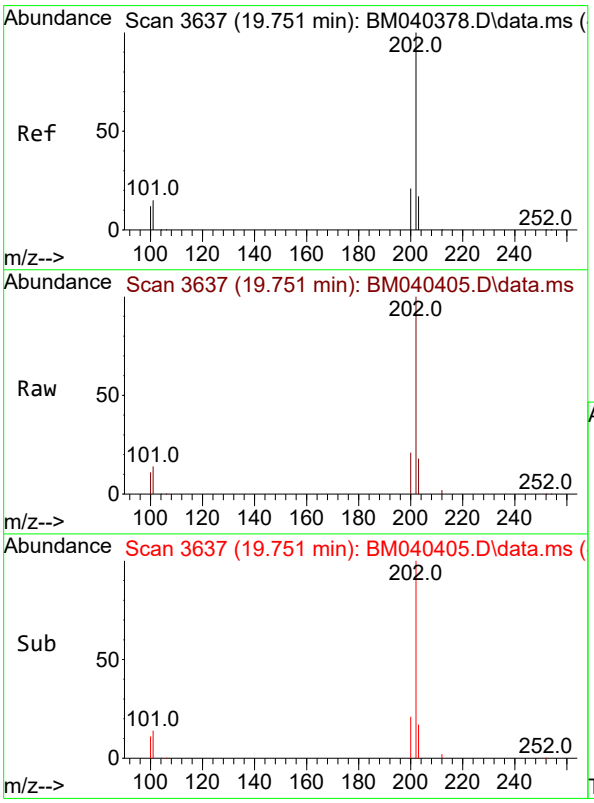
#19
Fluoranthene
Concen: 8.643 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:202 Resp: 405594

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.4	17.0
100	9.0	8.7	13.1

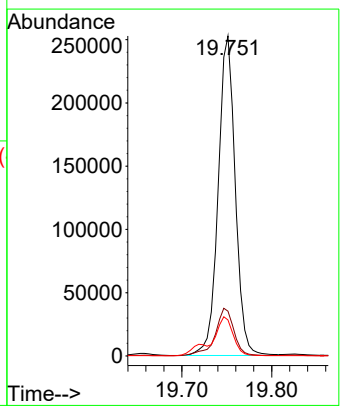


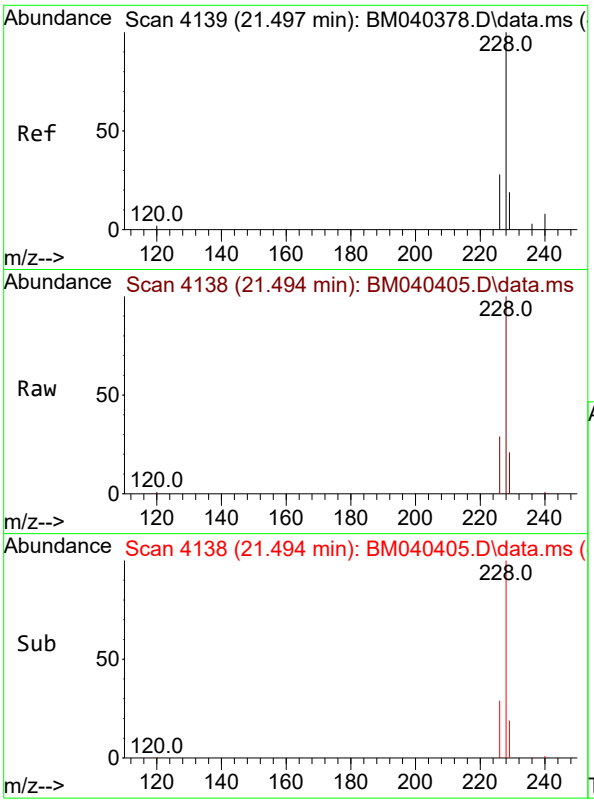


#20
Pyrene
Concen: 6.621 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Tgt Ion:202 Resp: 333132

Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.6	18.8
100	11.3	9.8	14.6



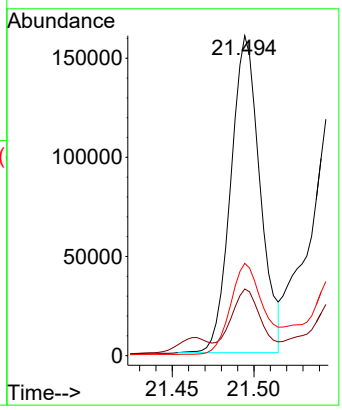


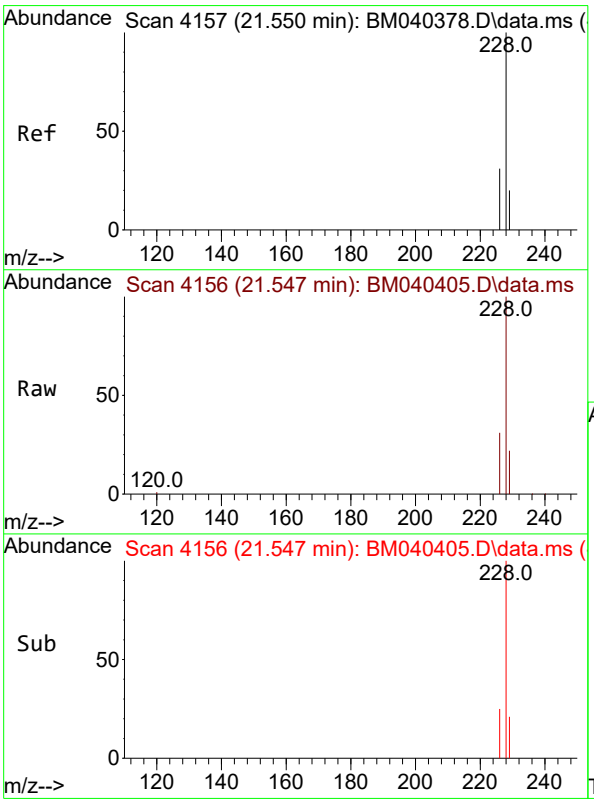
#21
Benzo(a)anthracene
Concen: 5.329 ng/ul
RT: 21.494 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:228 Resp: 199130

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.0	24.0
226	28.8	22.3	33.5

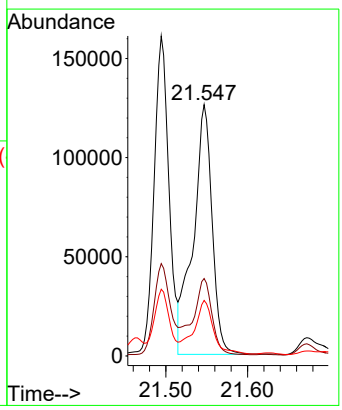


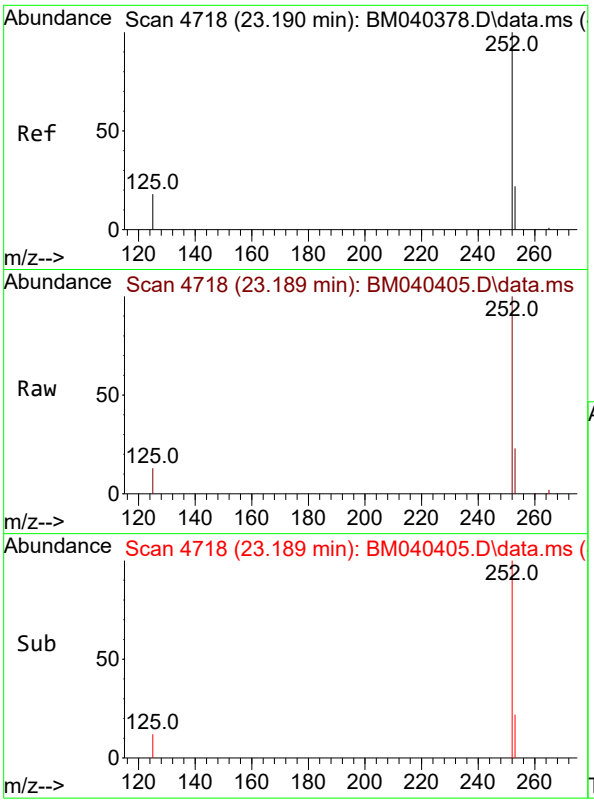


#22
Chrysene
Concen: 4.759 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Tgt Ion:228 Resp: 202887

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.1	15.8	23.6



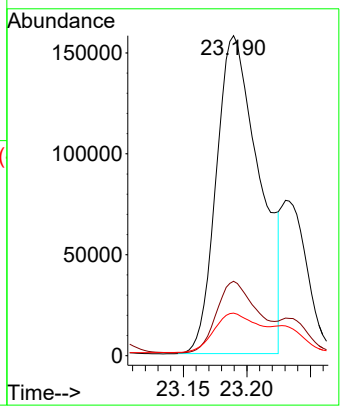


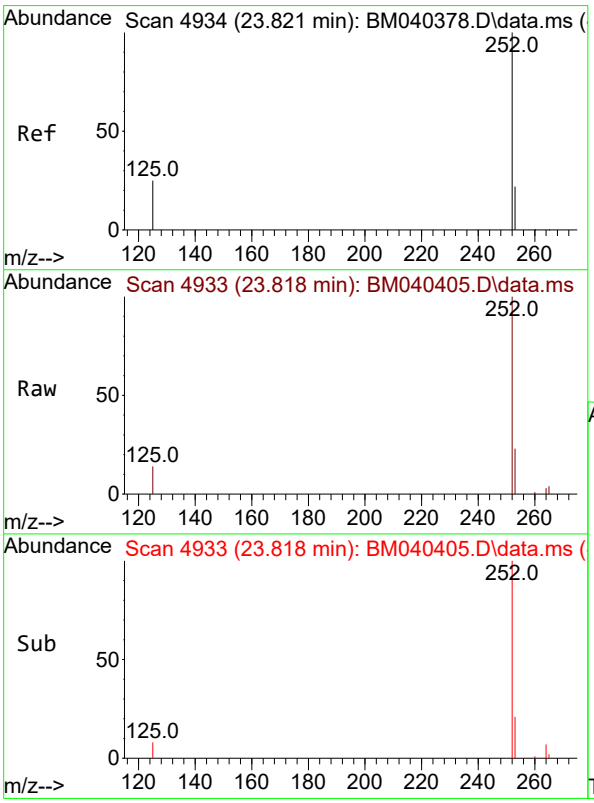
#24
Benzo(b)fluoranthene
Concen: 7.660 ng/ul
RT: 23.189 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:252 Resp: 371792

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	52.8
125	13.3	0.0	43.0

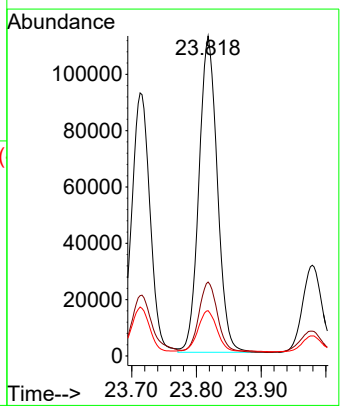


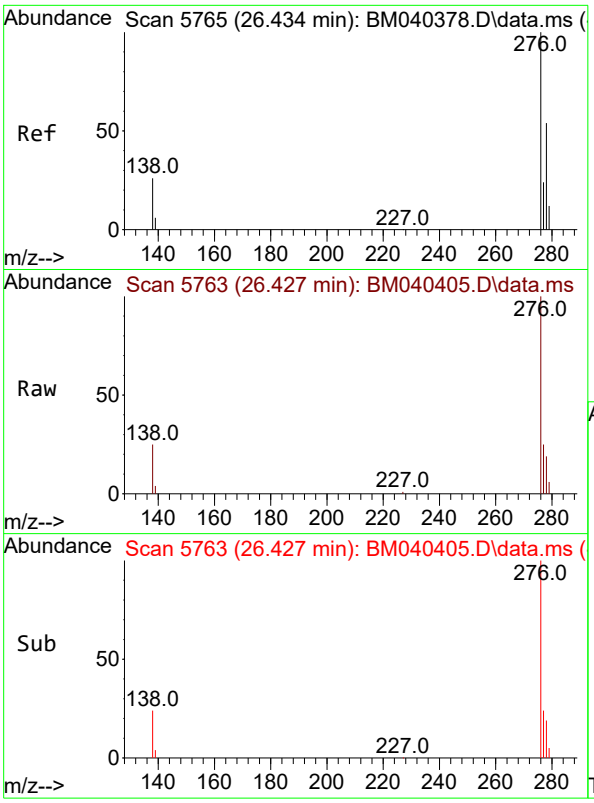


#26
Benzo(a)pyrene
Concen: 5.068 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Tgt Ion:252 Resp: 221560

Ion	Ratio	Lower	Upper
252	100		
253	23.1	22.9	34.3
125	14.2	21.0	31.4#



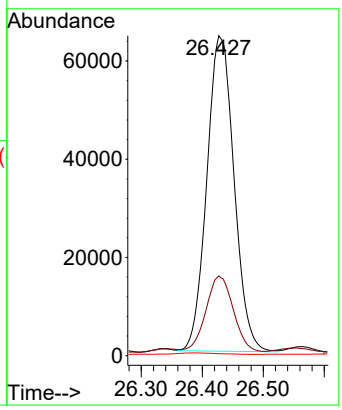


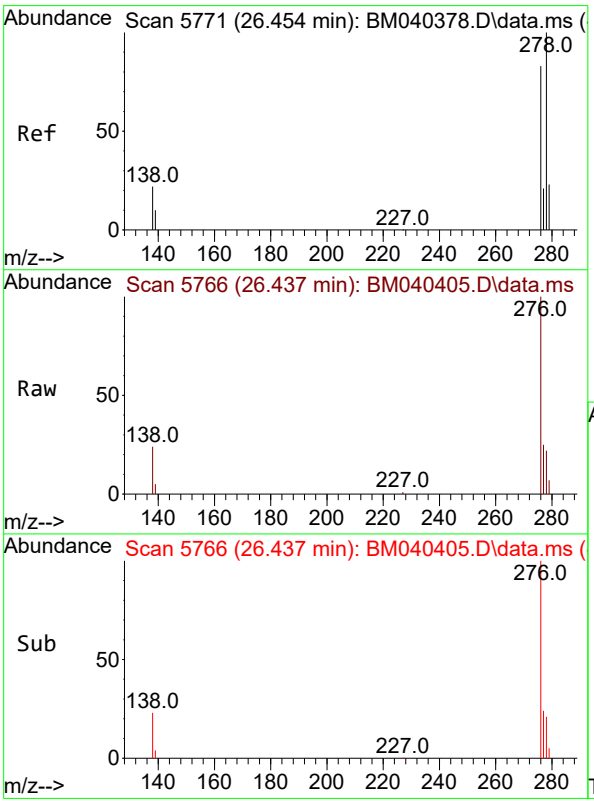
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.273 ng/ul
RT: 26.427 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:276 Resp: 199316

Ion	Ratio	Lower	Upper
276	100		
138	24.3	24.5	36.7#
227	0.0	0.1	0.1#

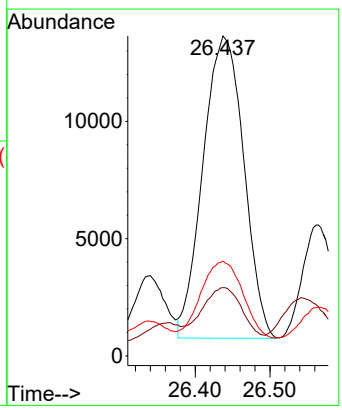


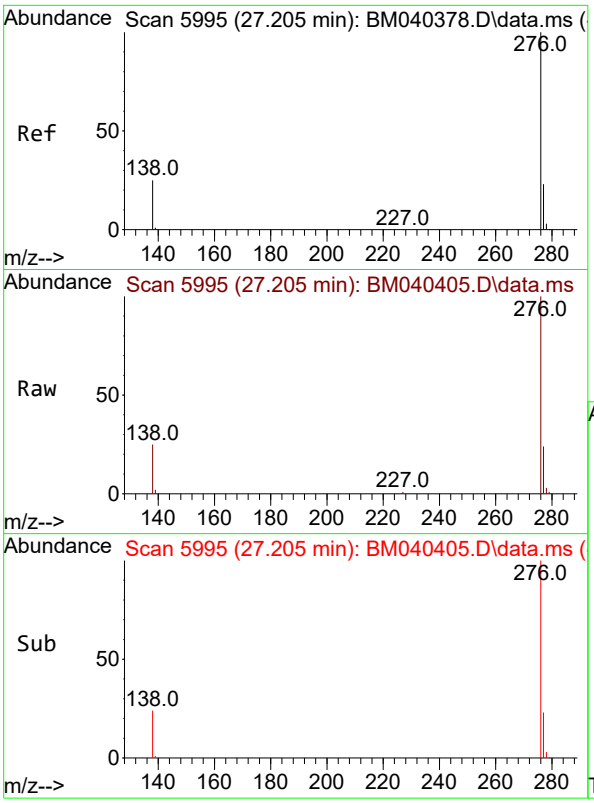


#28
Dibenzo(a,h)anthracene
Concen: 1.024 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Tgt Ion:278 Resp: 48831

Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.9	26.9
279	29.7	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 3.420 ng/ul
RT: 27.205 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM040405.D
Acq: 26 Jun 2023 17:19

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:276 Resp: 182518

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.0	34.6
277	24.1	20.3	30.5