Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040567.D
Acq On : 03 Jul 2023 09:58
Operator : MA/JU
Sample : 03245-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGH8

Quant Time: Jul 03 13:35:42 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	7.924	152	6485	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.734	136	23088	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.568	164	10557	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	20742	0.400	ng/ul	-0.01
17) Chrysene-d12	21.506	240	12553	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	12771	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	21915	2.151	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	4727	0.146	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	7226	0.180	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.784	128	3073	0.048	ng/ul#	85
7) 2-Methylnaphthalene	12.395	142	1886	0.050	ng/ul	97
8) 1-Methylnaphthalene	12.615	142	1402	0.038	ng/ul	97
10) Acenaphthylene	14.290	152	3099	0.066	ng/ul#	87
11) Acenaphthene	14.628	153	1183	0.030	ng/ul	94
12) Fluorene	15.618	166	1005	0.024	ng/ul#	91
15) Phenanthrene	17.358	178	23566	0.366	ng/ul	99
16) Anthracene	17.450	178	5232	0.097	ng/ul#	90
19) Fluoranthene	19.375	202	62246	1.167	ng/ul	99
20) Pyrene	19.737	202	52468	0.918	ng/ul	98
21) Benzo(a)anthracene	21.488	228	29103	0.685	ng/ul	96
22) Chrysene	21.541	228	39695	0.820	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	67089	1.357	ng/ul	97
26) Benzo(a)pyrene	23.812	252	37639	0.845	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.420	276	41338	0.667	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.427	278	9874	0.203	ng/ul#	73
29) Benzo(g,h,i)perylene	27.195	276	38641	0.711	ng/ul	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040567.D
Acq On : 03 Jul 2023 09:58
Operator : MA/JU
Sample : 03245-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

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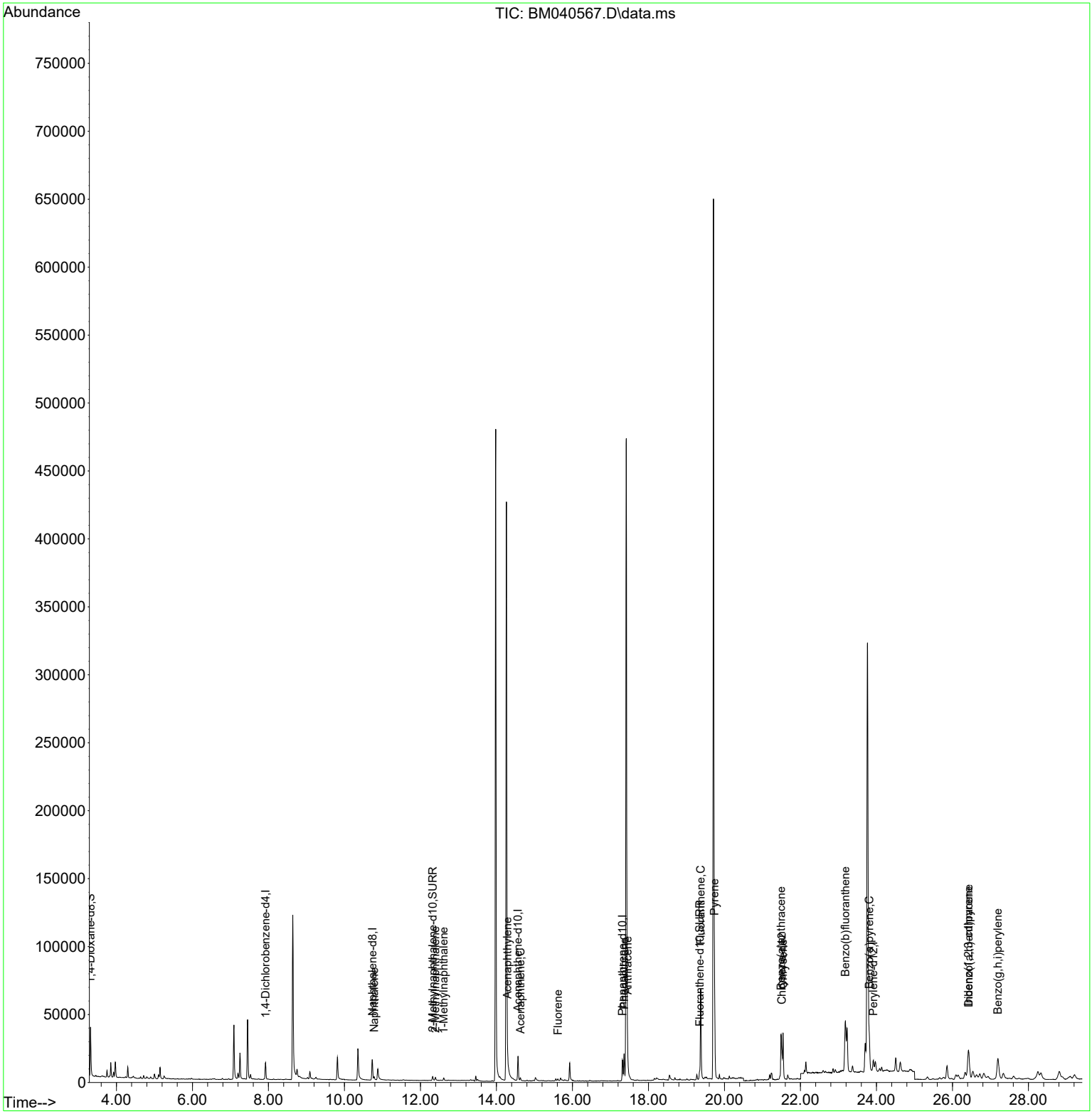
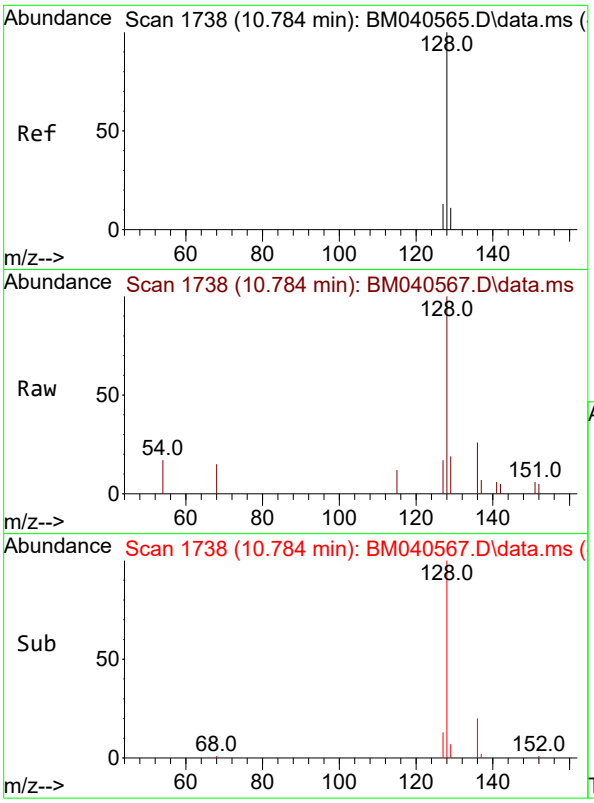
Quant Time: Jul 03 13:35:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration



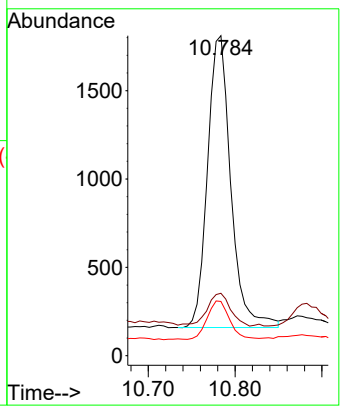


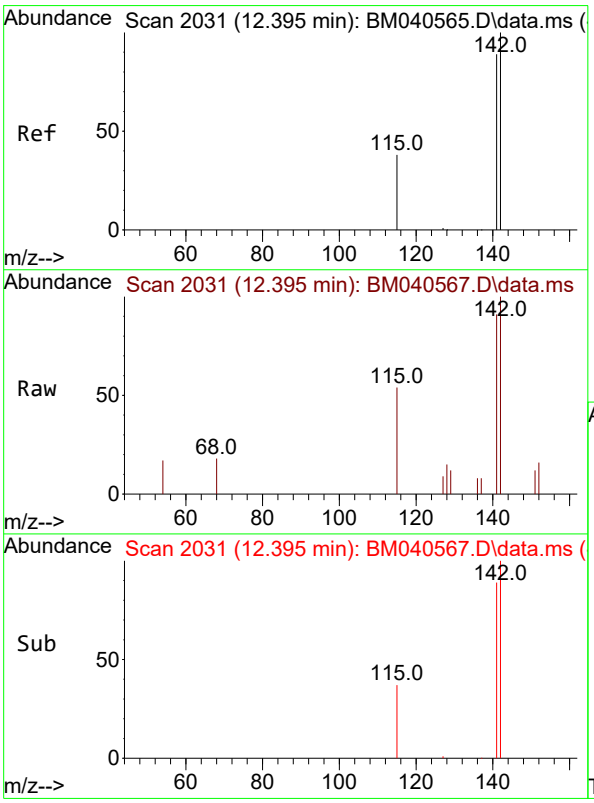
#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.784 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Instrument :
BNA_M
ClientSampleId :
DCGH8

Tgt Ion:128 Resp: 3073

Ion	Ratio	Lower	Upper
128	100		
129	19.5	9.2	13.8#
127	17.0	10.6	15.8#

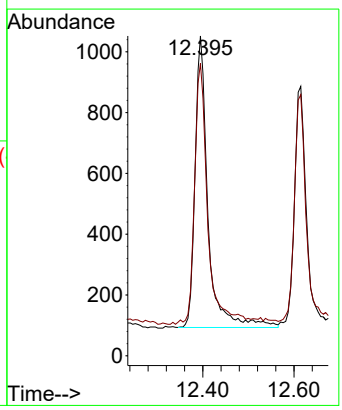


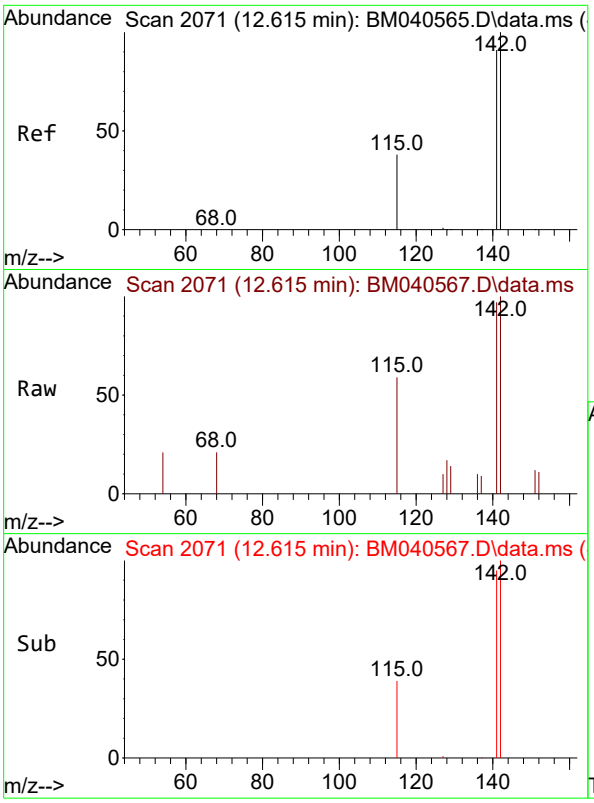


#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Tgt Ion:142 Resp: 1886

Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.9	107.9



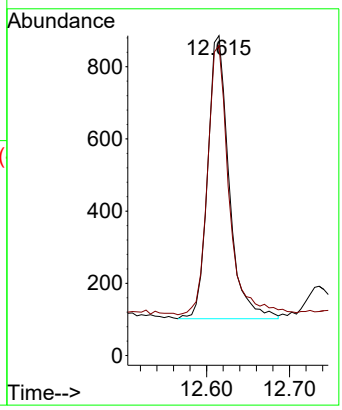


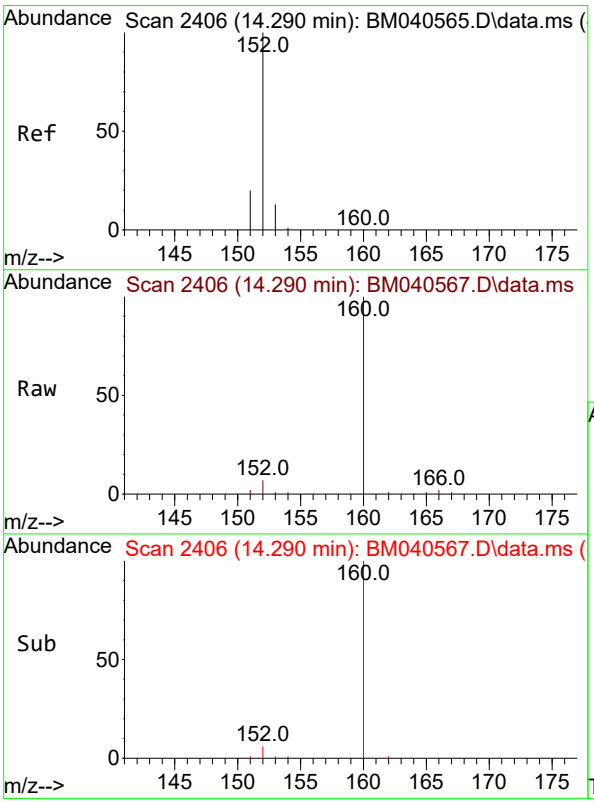
#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.615 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Instrument :
BNA_M
ClientSampleId :
DCGH8

Tgt Ion:142 Resp: 1402

Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.7	110.5

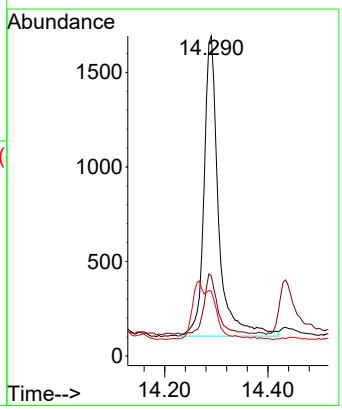


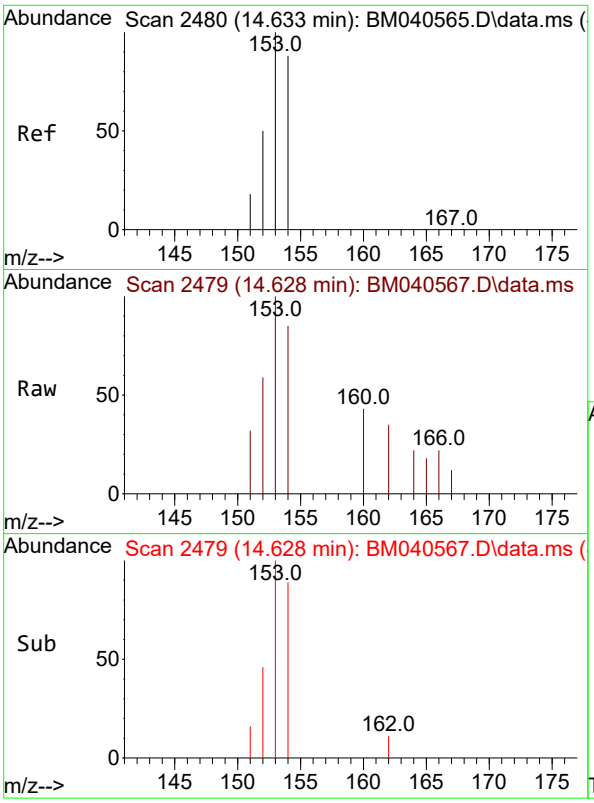


#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Tgt Ion:152 Resp: 3099

Ion	Ratio	Lower	Upper
152	100		
151	25.0	16.2	24.2#
153	20.2	10.9	16.3#



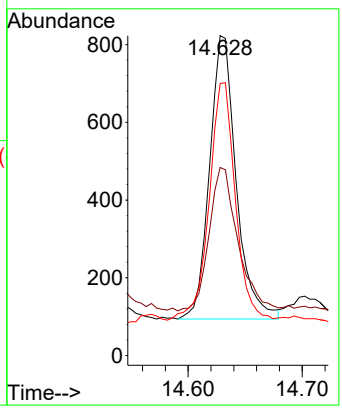


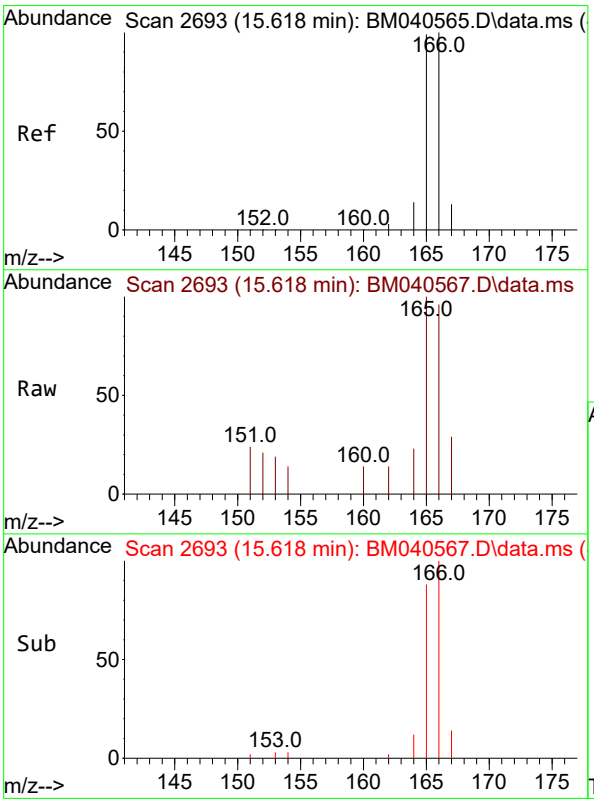
#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.628 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Instrument :
BNA_M
ClientSampleId :
DCGH8

Tgt Ion:153 Resp: 1183

Ion	Ratio	Lower	Upper
153	100		
152	58.8	41.0	61.4
154	85.1	70.8	106.2

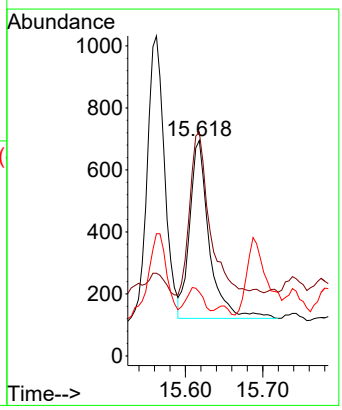


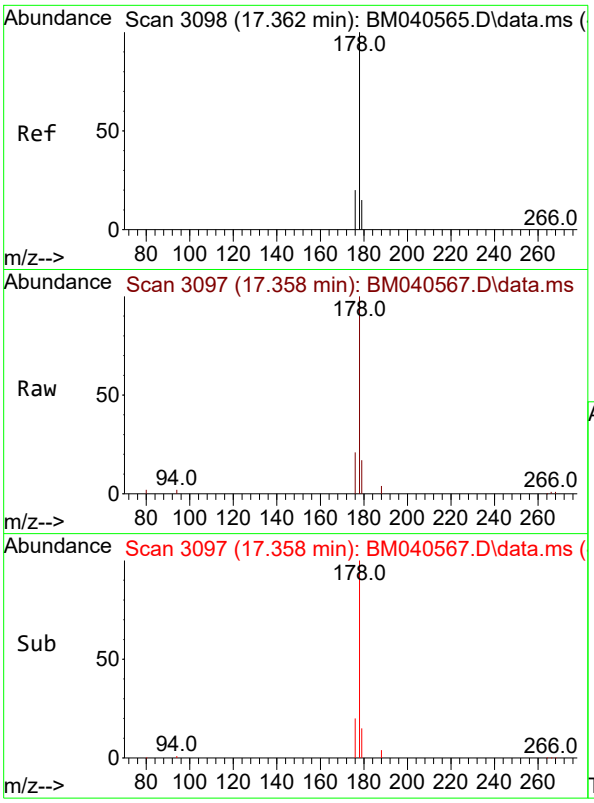


#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Tgt Ion:166 Resp: 1005

Ion	Ratio	Lower	Upper
166	100		
165	103.9	79.6	119.4
167	29.6	11.4	17.0#



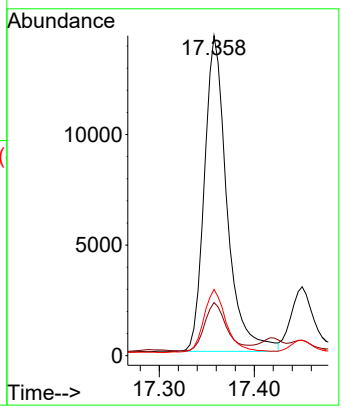


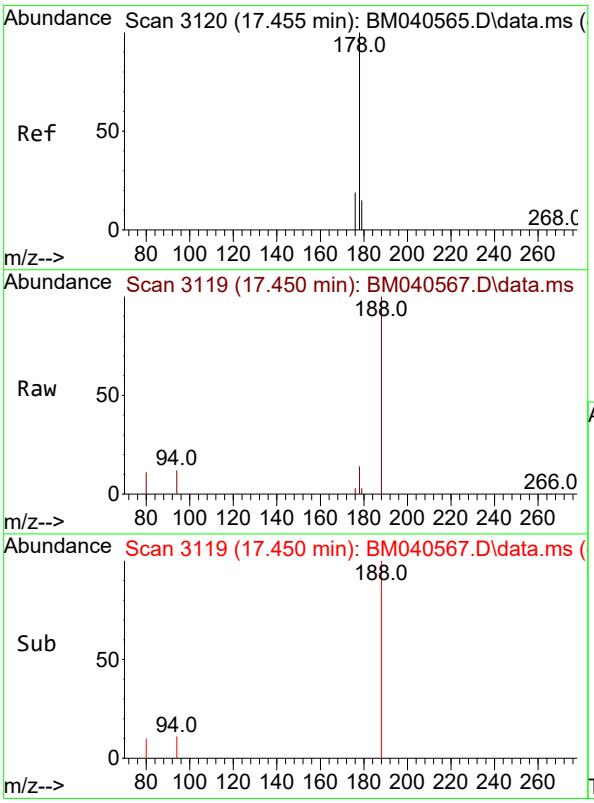
#15
Phenanthrene
Concen: 0.366 ng/ul
RT: 17.358 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Instrument :
BNA_M
ClientSampleId :
DCGH8

Tgt Ion:178 Resp: 23566

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.8	19.2
176	20.7	16.4	24.6

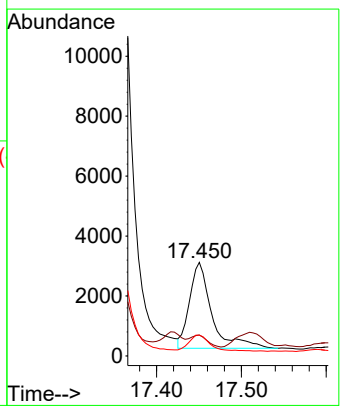


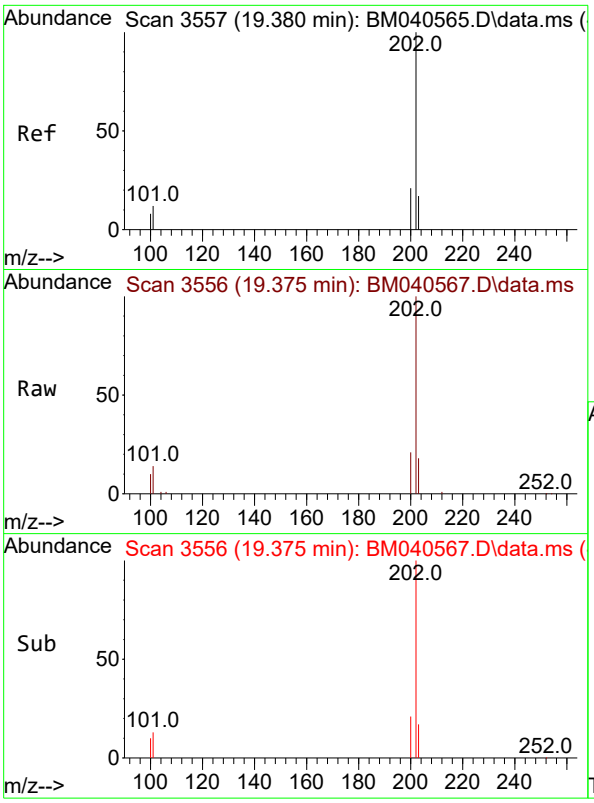


#16
Anthracene
Concen: 0.097 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Tgt Ion:178 Resp: 5232

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.9	19.3#
176	22.3	15.8	23.6



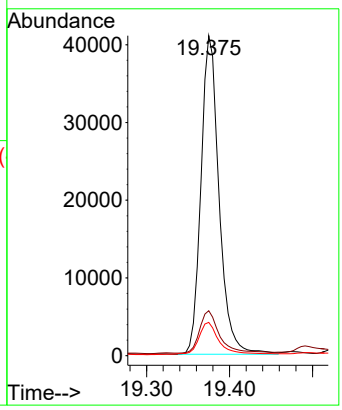


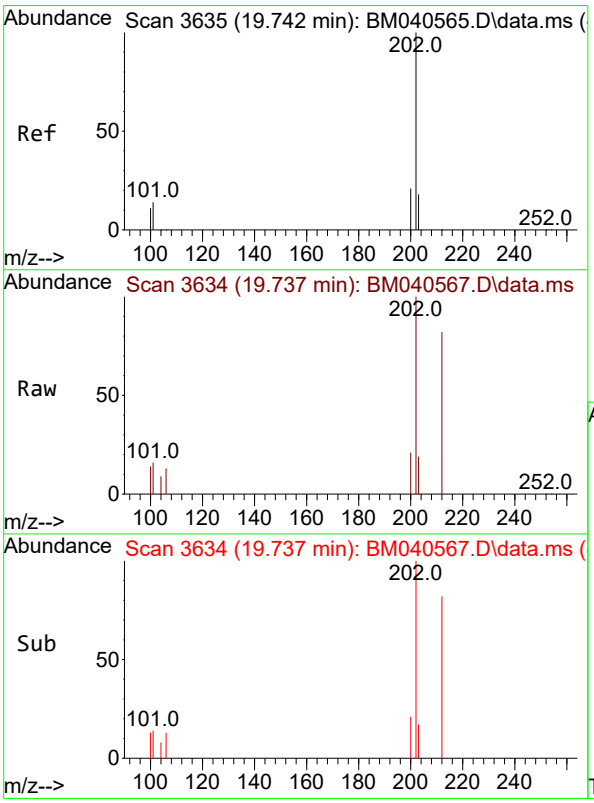
#19
Fluoranthene
Concen: 1.167 ng/ul
RT: 19.375 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Instrument :
BNA_M
ClientSampleId :
DCGH8

Tgt Ion:202 Resp: 62246

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.4	17.0
100	10.4	8.7	13.1

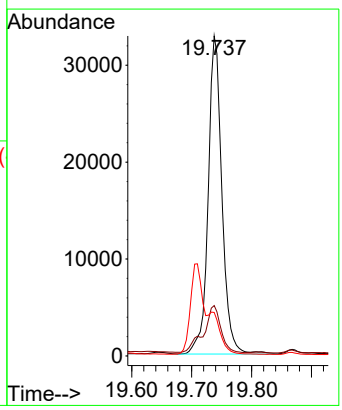


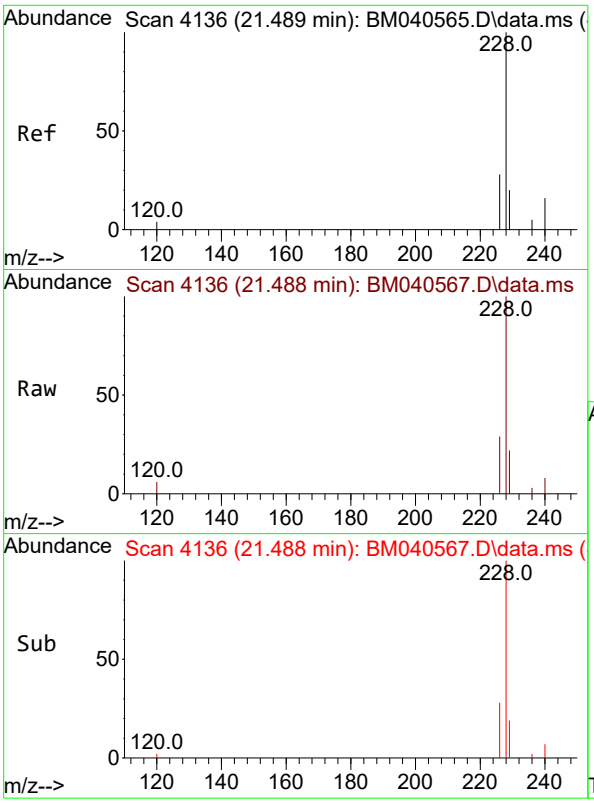


#20
Pyrene
Concen: 0.918 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.009 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Tgt Ion:202 Resp: 52468

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.6	18.8
100	13.6	9.8	14.6



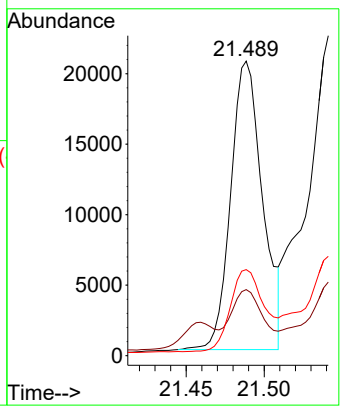


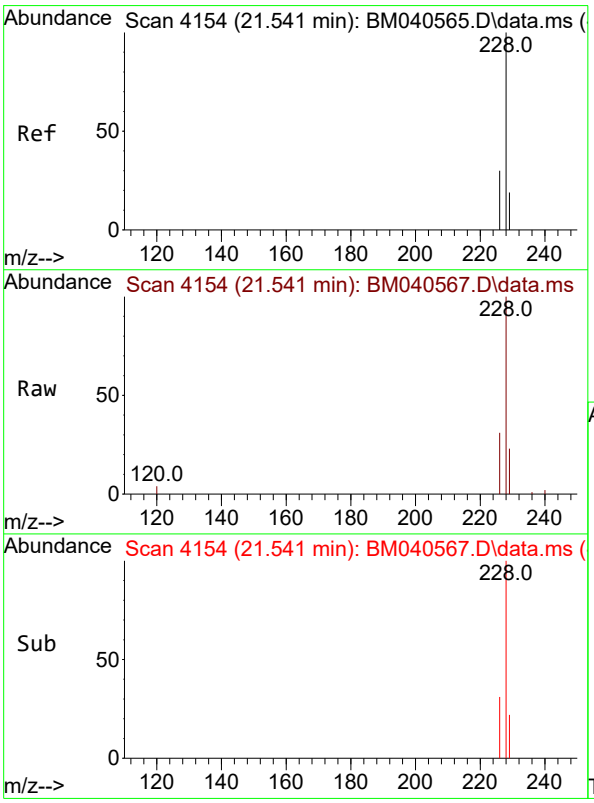
#21
Benzo(a)anthracene
Concen: 0.685 ng/ul
RT: 21.488 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Instrument :
BNA_M
ClientSampleId :
DCGH8

Tgt Ion:228 Resp: 29103

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.0	24.0
226	29.2	22.3	33.5

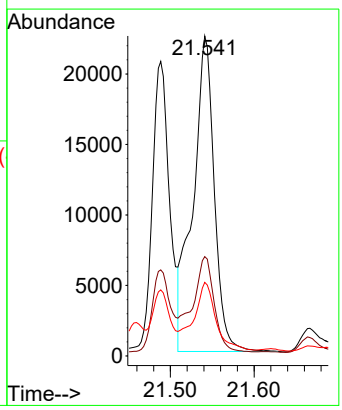


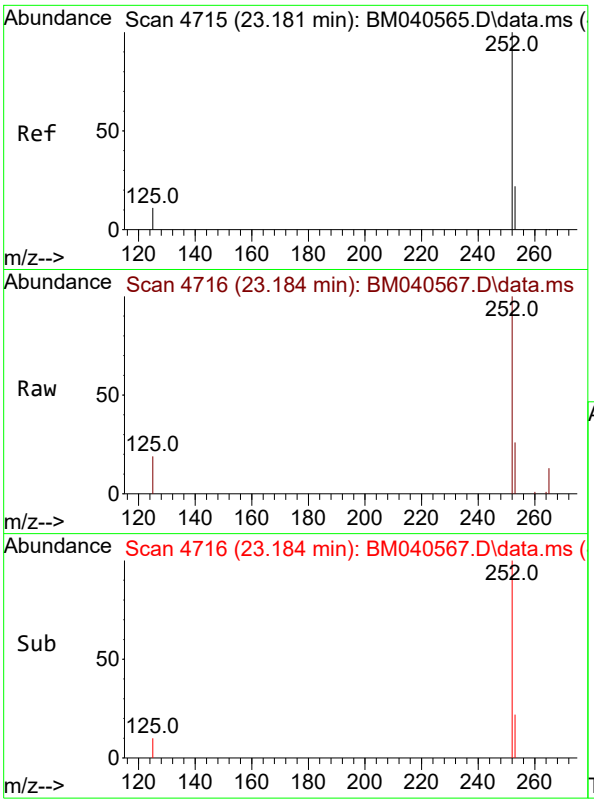


#22
Chrysene
Concen: 0.820 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Tgt Ion:228 Resp: 39695

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	23.0	15.8	23.6



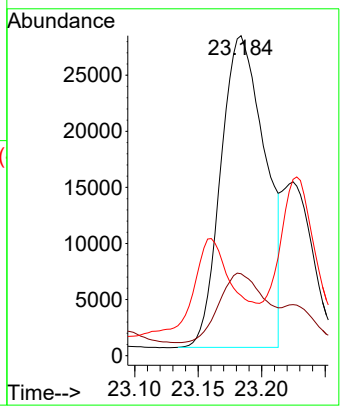


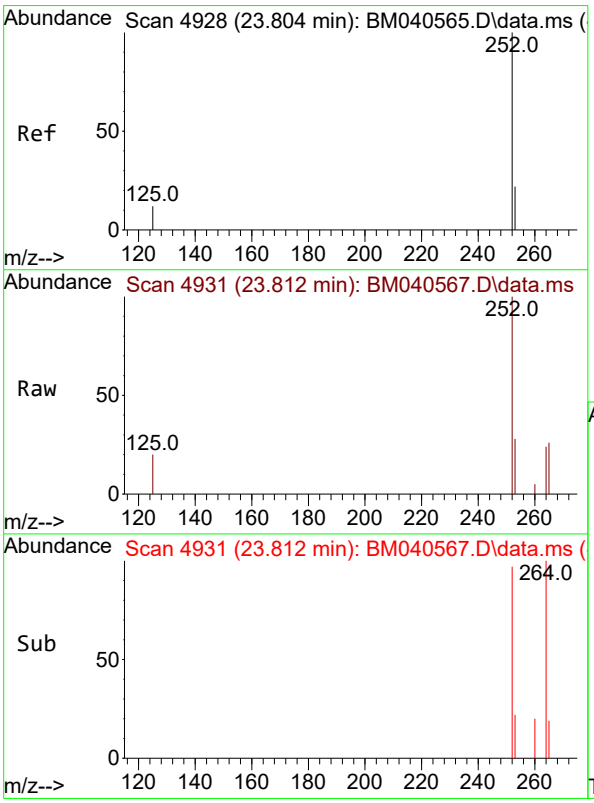
#24
Benzo(b)fluoranthene
Concen: 1.357 ng/ul
RT: 23.184 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Instrument :
BNA_M
ClientSampleId :
DCGH8

Tgt Ion:252 Resp: 67089

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	52.8
125	18.8	0.0	43.0

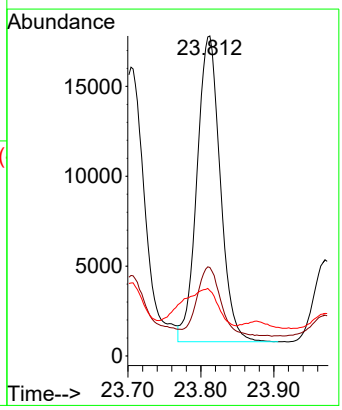


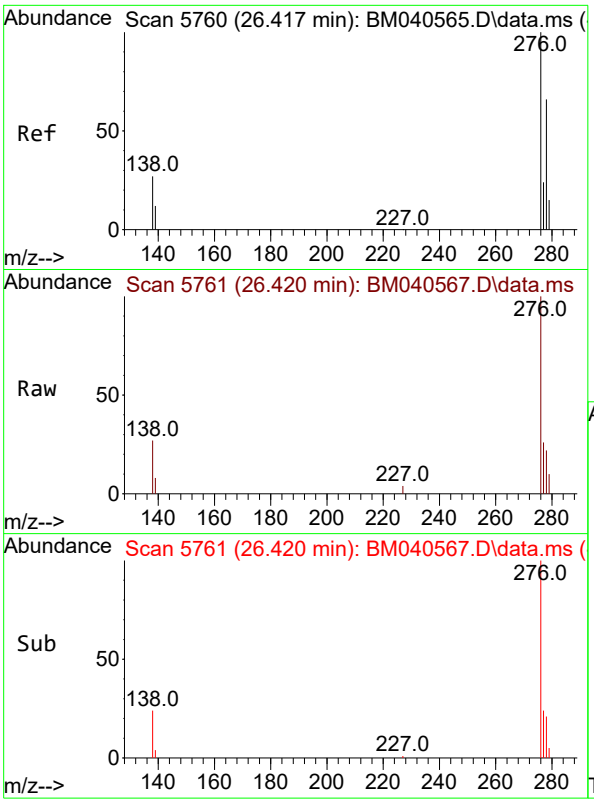


#26
Benzo(a)pyrene
Concen: 0.845 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Tgt Ion:252 Resp: 37639

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.9	34.3
125	20.4	21.0	31.4#



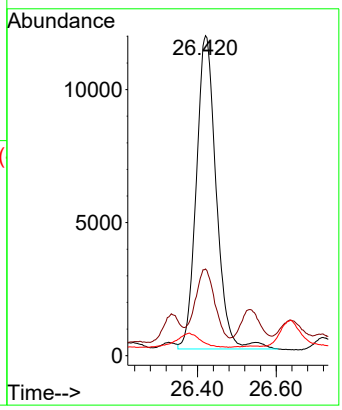


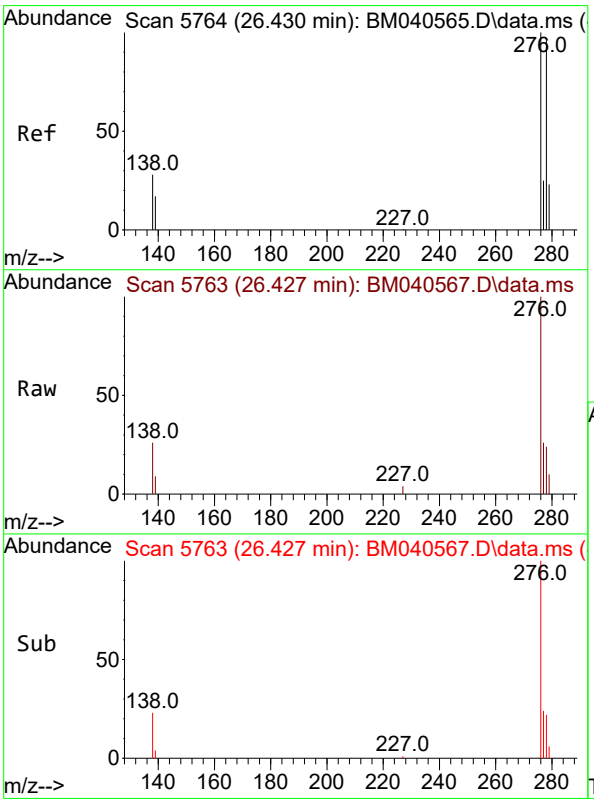
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.667 ng/ul
RT: 26.420 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Instrument :
BNA_M
ClientSampleId :
DCGH8

Tgt Ion:276 Resp: 41338

Ion	Ratio	Lower	Upper
276	100		
138	21.4	24.5	36.7#
227	0.0	0.1	0.1#

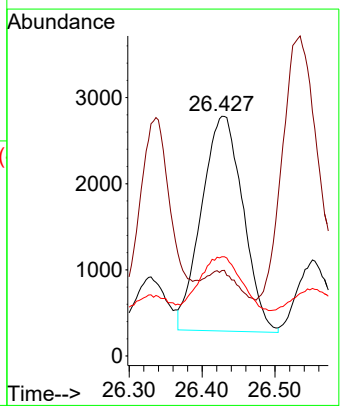


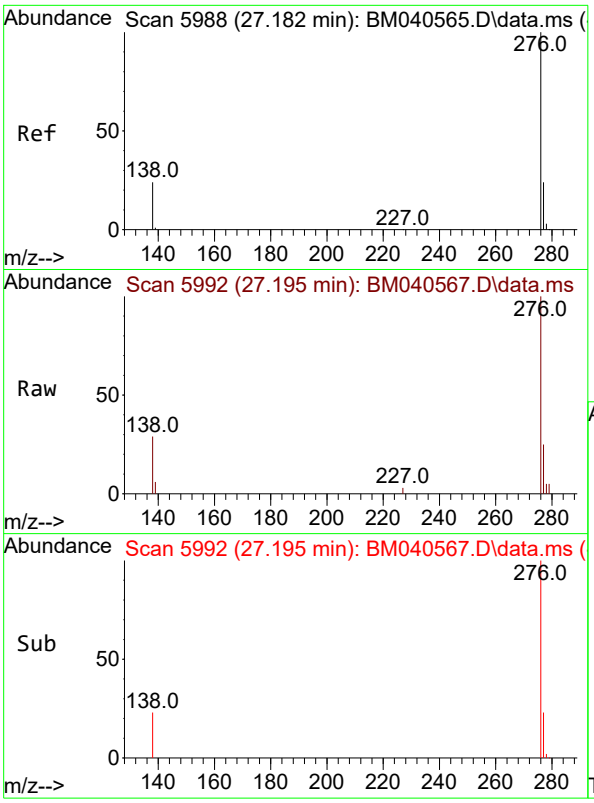


#28
Dibenzo(a,h)anthracene
Concen: 0.203 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.010 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Tgt Ion:278 Resp: 9874

Ion	Ratio	Lower	Upper
278	100		
139	35.7	17.9	26.9#
279	41.4	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.711 ng/ul
RT: 27.195 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM040567.D
Acq: 03 Jul 2023 09:58

Instrument :
BNA_M
ClientSampleId :
DCGH8

Tgt Ion:276 Resp: 38641

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.0	34.6
277	25.5	20.3	30.5