Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041494.D
Acq On : 25 Aug 2023 14:46
Operator : MA/JU
Sample : 04037-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Quant Time: Aug 26 00:17:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	31223	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.754	164	15797	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	29517	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.702	240	11619	0.400	ng/ul	# 0.00
23) Perylene-d12	24.272	264	12032	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	32499	2.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	7569	0.184	ng/ul	-0.01
18) Fluoranthene-d10	19.534	212	10206	0.199	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.994	128	23934	0.257	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	23324	0.417	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	11886	0.209	ng/ul	100
10) Acenaphthylene	14.481	152	3272	0.034	ng/ul#	59
11) Acenaphthene	14.814	153	61259	0.928	ng/ul	97
12) Fluorene	15.800	166	10446	0.141	ng/ul#	93
15) Phenanthrene	17.548	178	390979	3.608	ng/ul	99
16) Anthracene	17.641	178	38806	0.394	ng/ul	96
19) Fluoranthene	19.561	202	1025176	9.613	ng/ul	98
20) Pyrene	19.929	202	607948	5.652	ng/ul	100
21) Benzo(a)anthracene	21.685	228	334728	4.427	ng/ul	97
22) Chrysene	21.740	228	465226	5.694	ng/ul	97
24) Benzo(b)fluoranthene	23.477	252	713549	8.660	ng/ul	98
26) Benzo(a)pyrene	24.158	252	459140	6.781	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.991	276	480561	5.681	ng/ul#	88
28) Dibenzo(a,h)anthracene	27.018	278	97681	1.509	ng/ul#	94
29) Benzo(g,h,i)perylene	27.840	276	470544	6.315	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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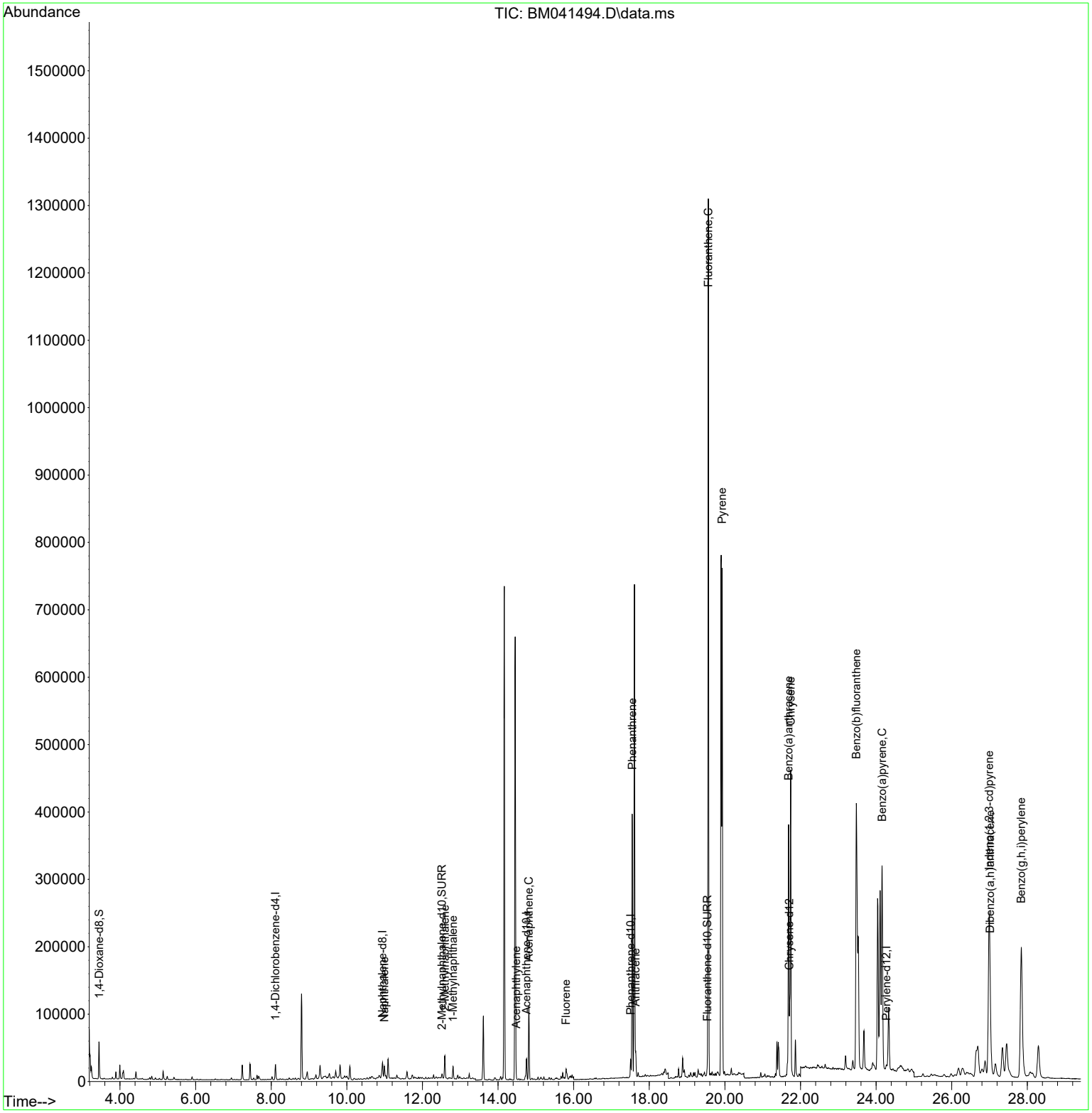
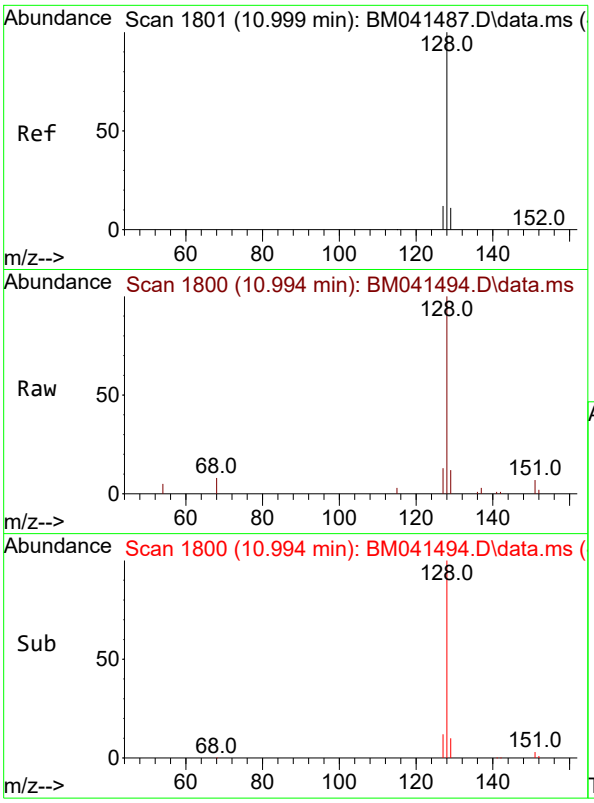


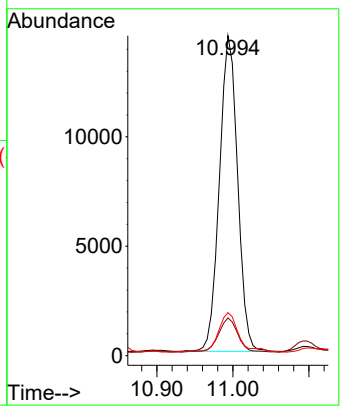


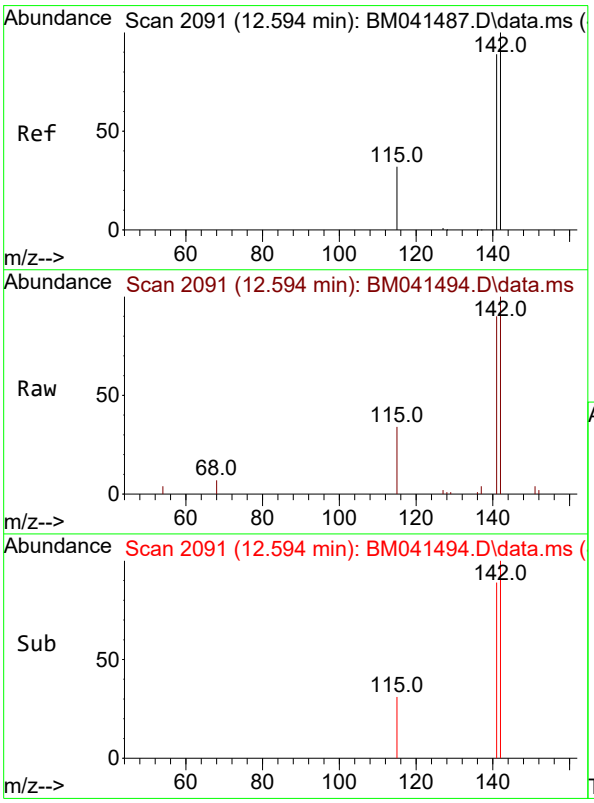
#5
Naphthalene
Concen: 0.257 ng/ul
RT: 10.994 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Tgt Ion:128 Resp: 23934

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.9	13.3
127	13.4	10.6	15.8

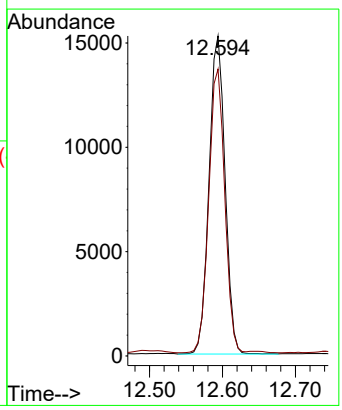


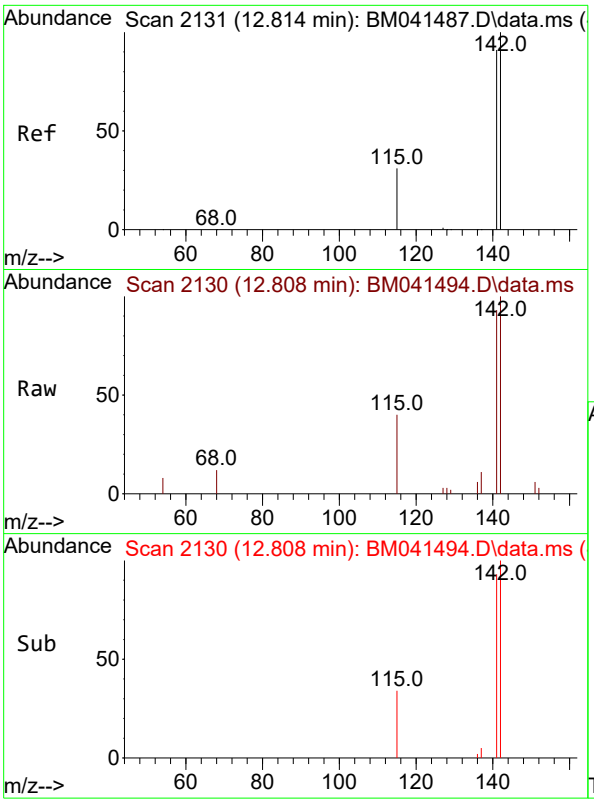


#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Tgt Ion:142 Resp: 23324

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.1	106.7



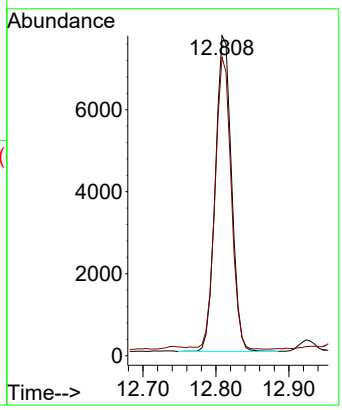


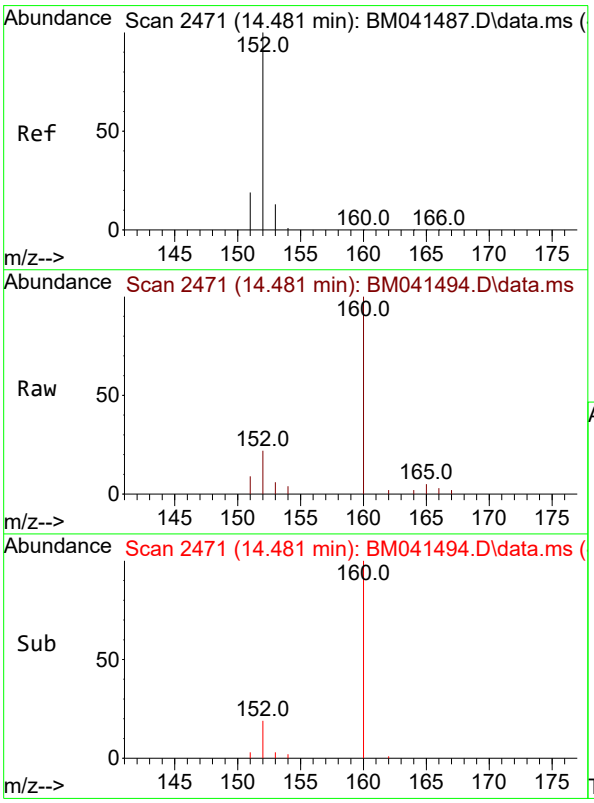
#8
1-Methylnaphthalene
Concen: 0.209 ng/ul
RT: 12.808 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Tgt Ion:142 Resp: 11886

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.4	110.2

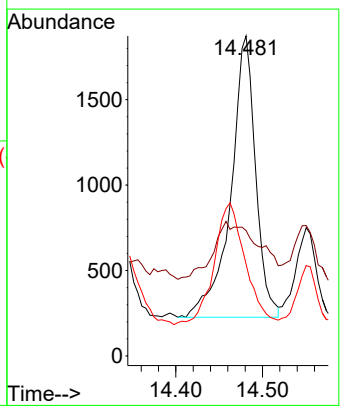


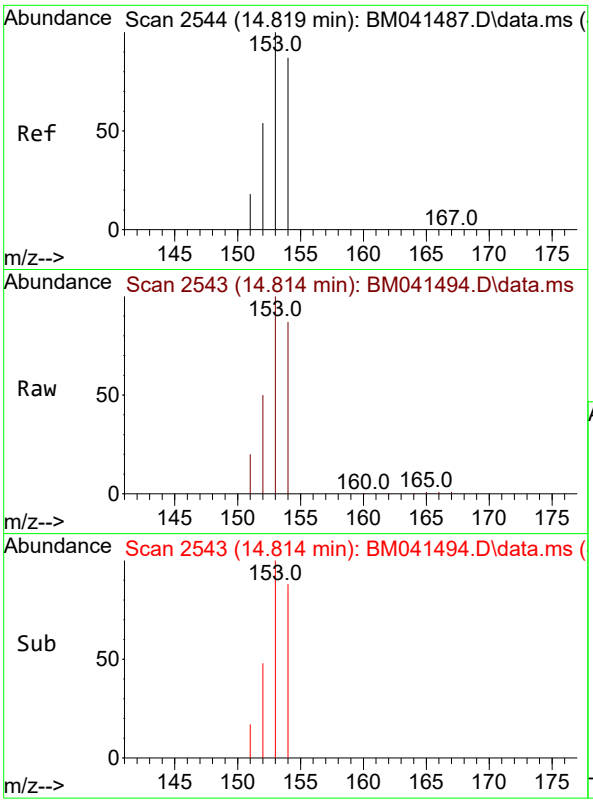


#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Tgt Ion:152 Resp: 3272

Ion	Ratio	Lower	Upper
152	100		
151	39.2	15.8	23.6#
153	28.8	10.6	15.8#



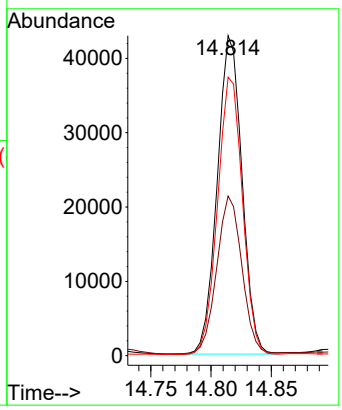


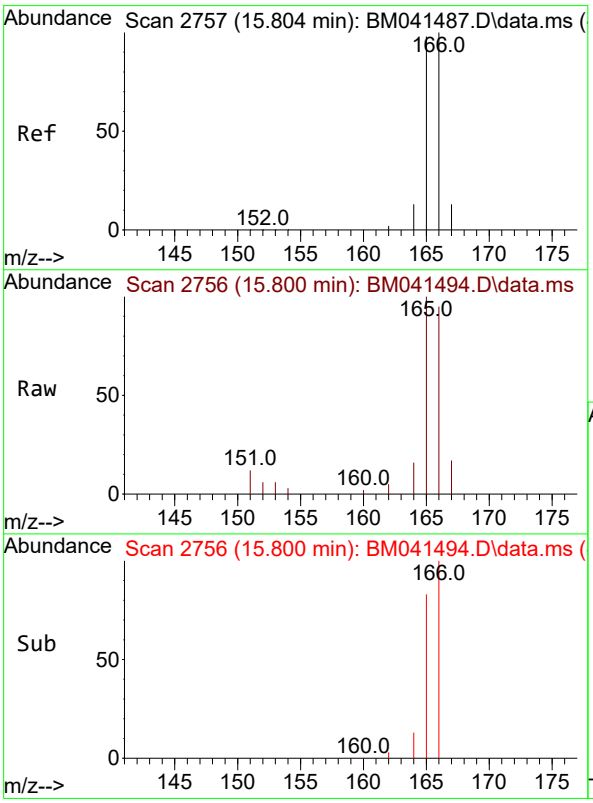
#11
Acenaphthene
Concen: 0.928 ng/ul
RT: 14.814 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Tgt Ion:153 Resp: 61259

Ion	Ratio	Lower	Upper
153	100		
152	49.9	42.9	64.3
154	87.0	68.9	103.3

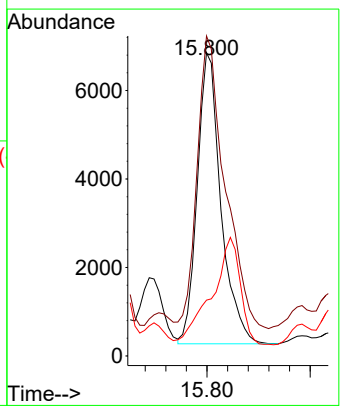


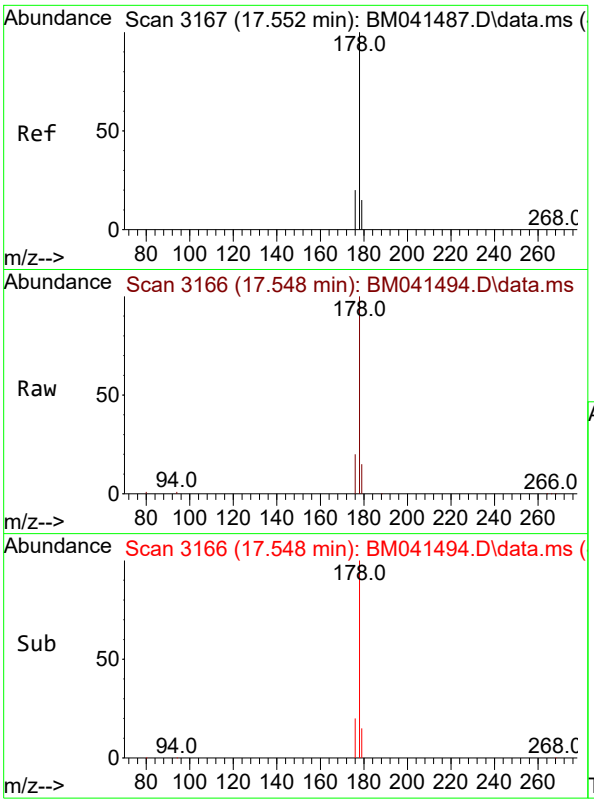


#12
Fluorene
Concen: 0.141 ng/ul
RT: 15.800 min Scan# 2756
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Tgt Ion:166 Resp: 10446

Ion	Ratio	Lower	Upper
166	100		
165	105.6	79.4	119.2
167	18.4	11.0	16.6#



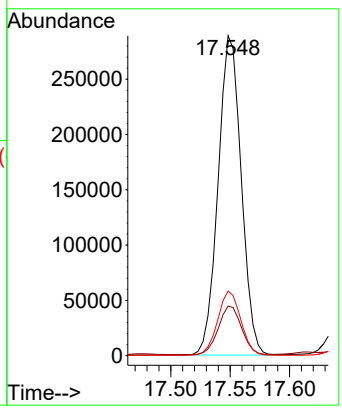


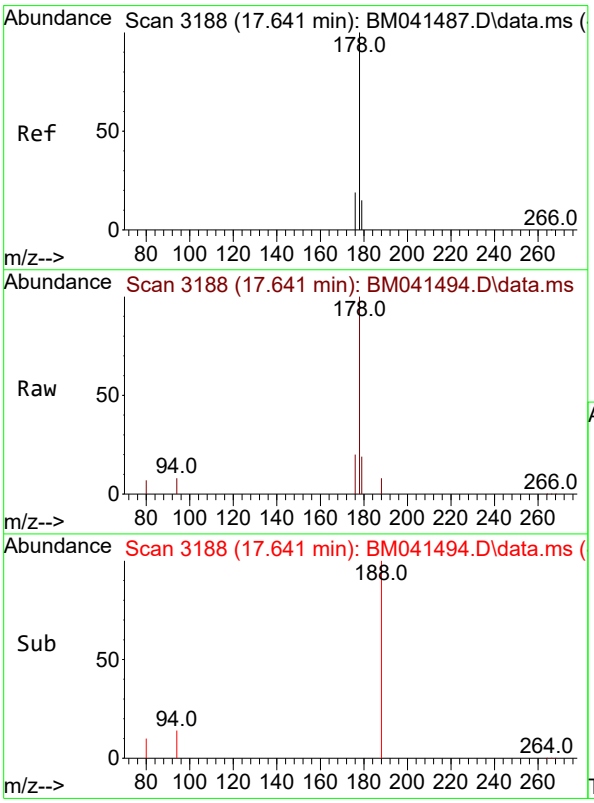
#15
Phenanthrene
Concen: 3.608 ng/ul
RT: 17.548 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Tgt Ion:178 Resp: 390979

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	20.2	15.8	23.8

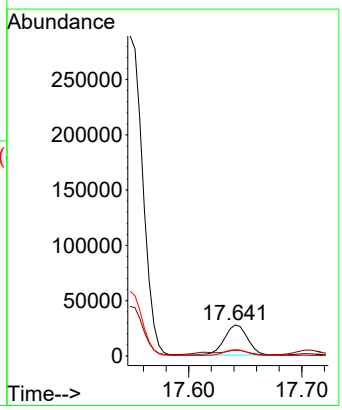


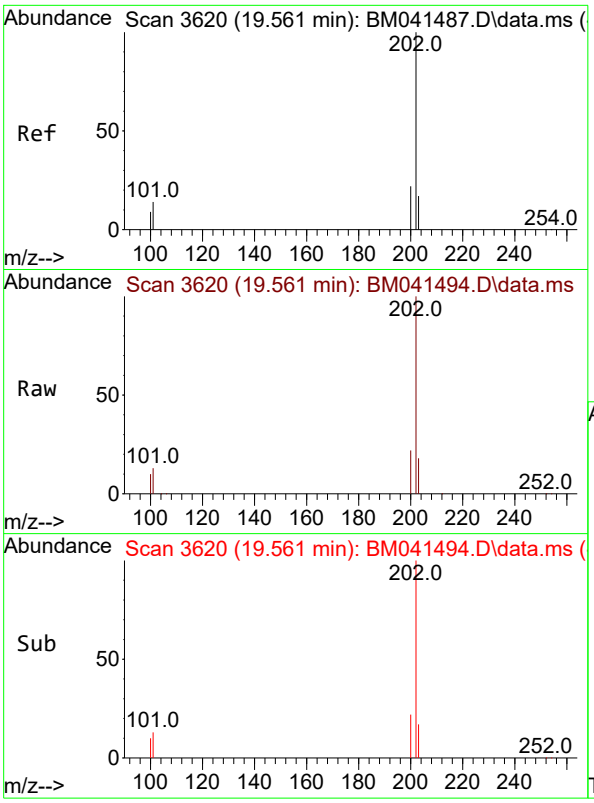


#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.641 min Scan# 3188
Delta R.T. -0.004 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Tgt Ion:178 Resp: 38806

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.6	18.8
176	20.4	15.5	23.3



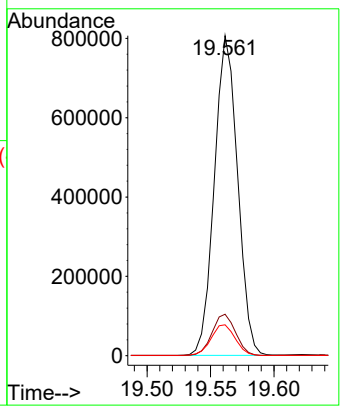


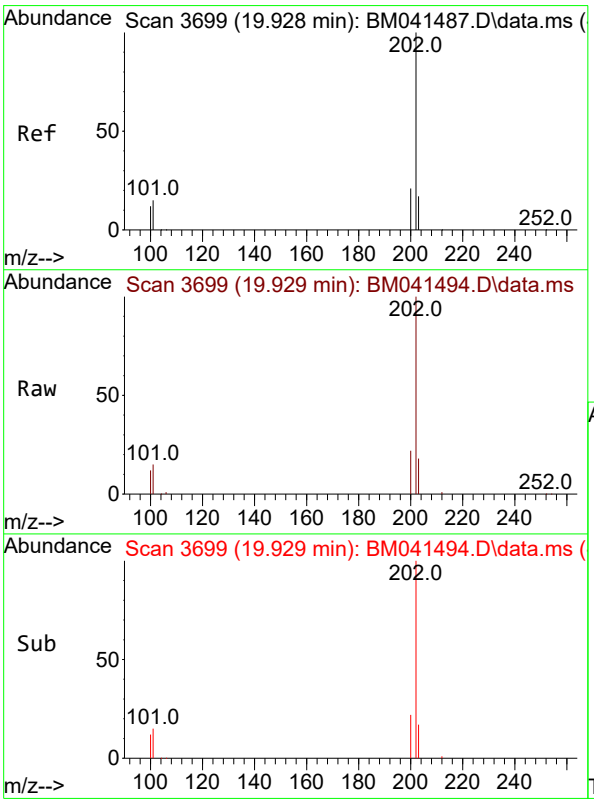
#19
Fluoranthene
Concen: 9.613 ng/ul
RT: 19.561 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Tgt Ion:202 Resp: 1025176

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.0	16.6
100	9.6	7.9	11.9

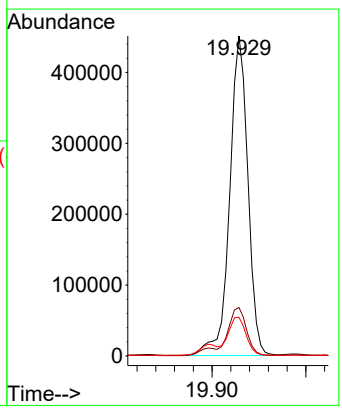


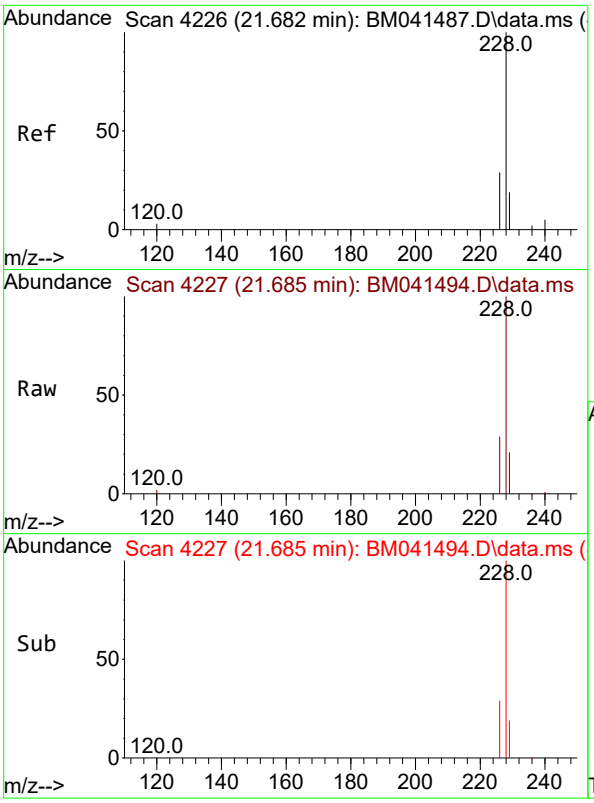


#20
Pyrene
Concen: 5.652 ng/ul
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Tgt Ion:202 Resp: 607948

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.2
100	12.1	9.8	14.8



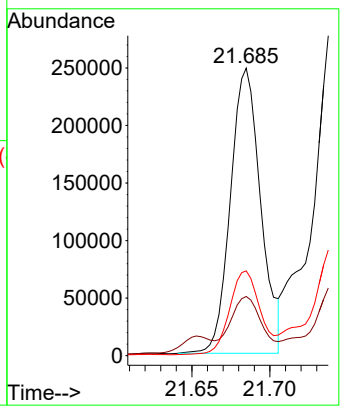


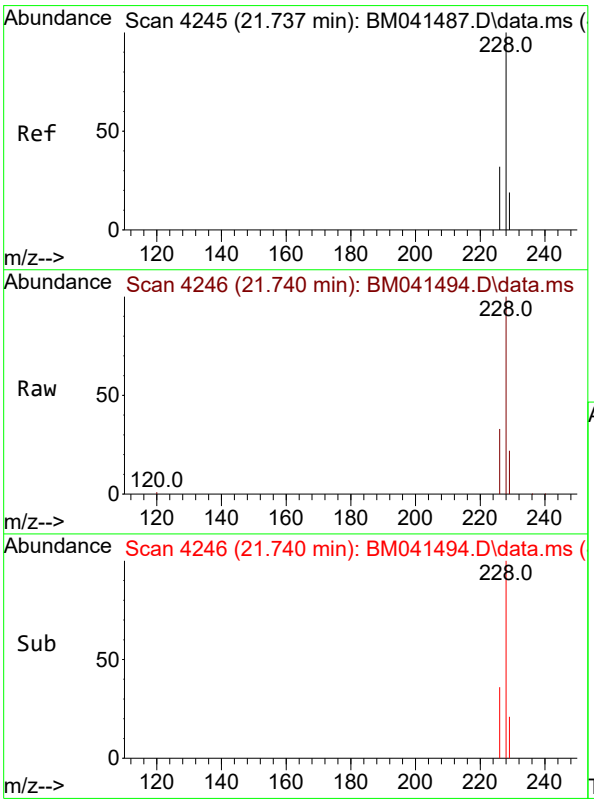
#21
Benzo(a)anthracene
Concen: 4.427 ng/ul
RT: 21.685 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Tgt Ion:228 Resp: 334728

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.3	22.9
226	29.5	22.7	34.1

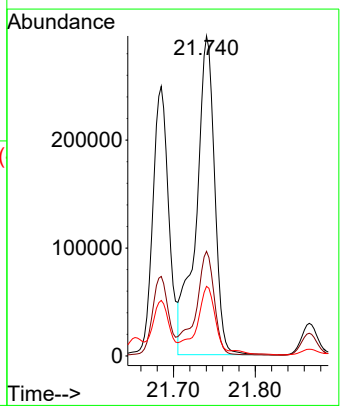


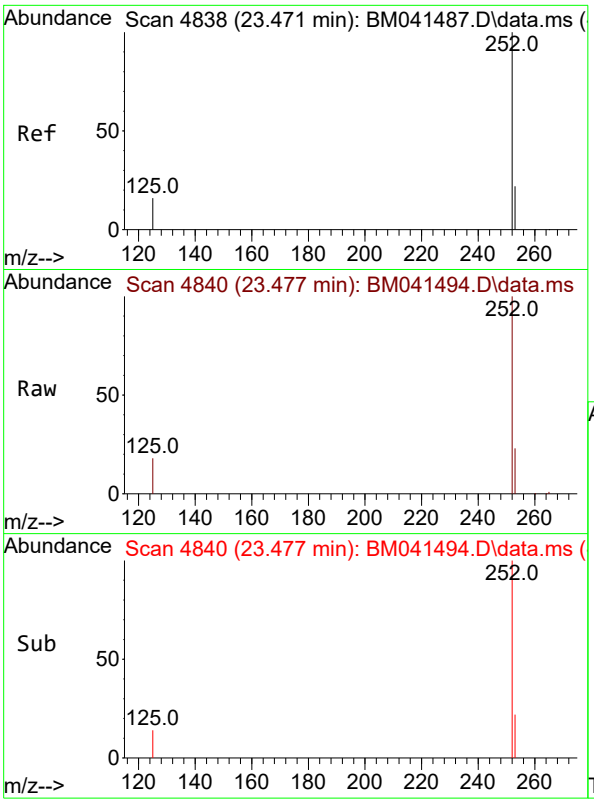


#22
Chrysene
Concen: 5.694 ng/ul
RT: 21.740 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Tgt Ion:228 Resp: 465226

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.6	38.4
229	21.7	15.7	23.5



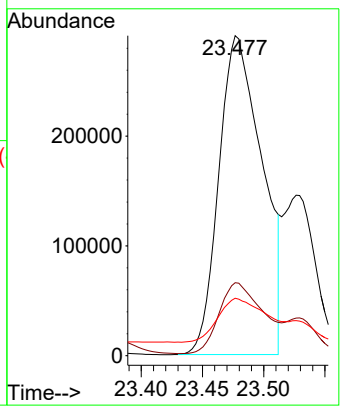


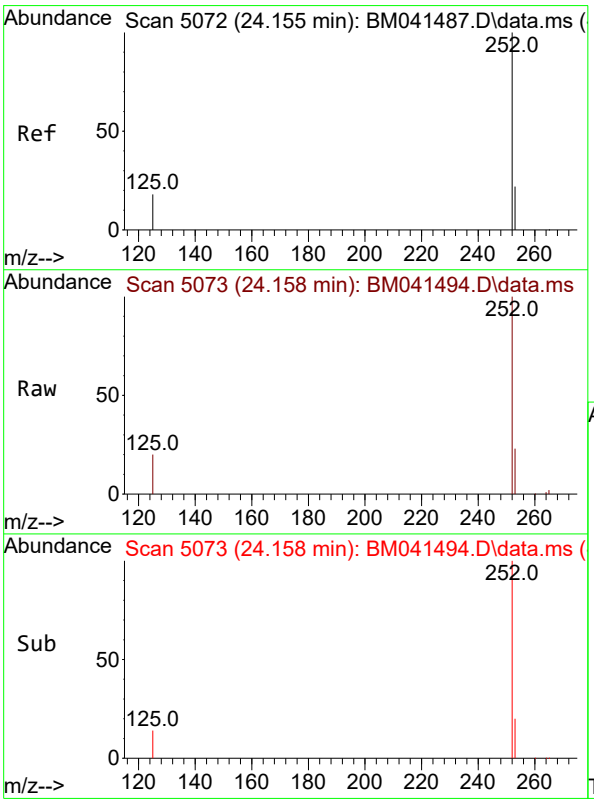
#24
Benzo(b)fluoranthene
Concen: 8.660 ng/ul
RT: 23.477 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Tgt Ion:252 Resp: 713549

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	46.8
125	17.9	0.0	32.8

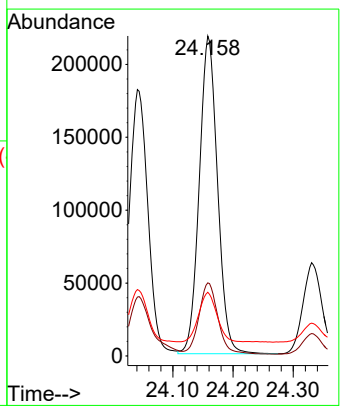


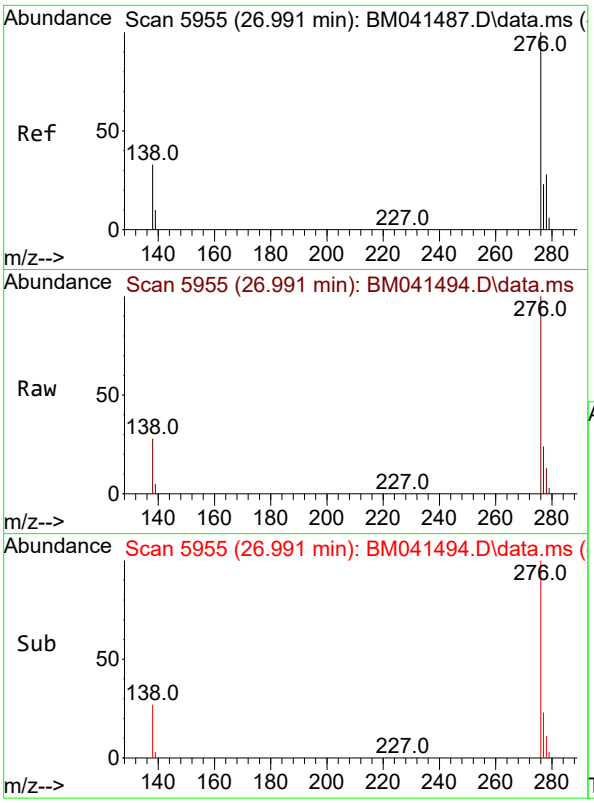


#26
Benzo(a)pyrene
Concen: 6.781 ng/ul
RT: 24.158 min Scan# 5073
Delta R.T. -0.006 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Tgt Ion:252 Resp: 459140

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.5	29.3
125	19.9	16.0	24.0



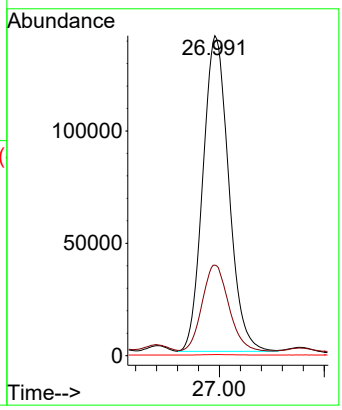


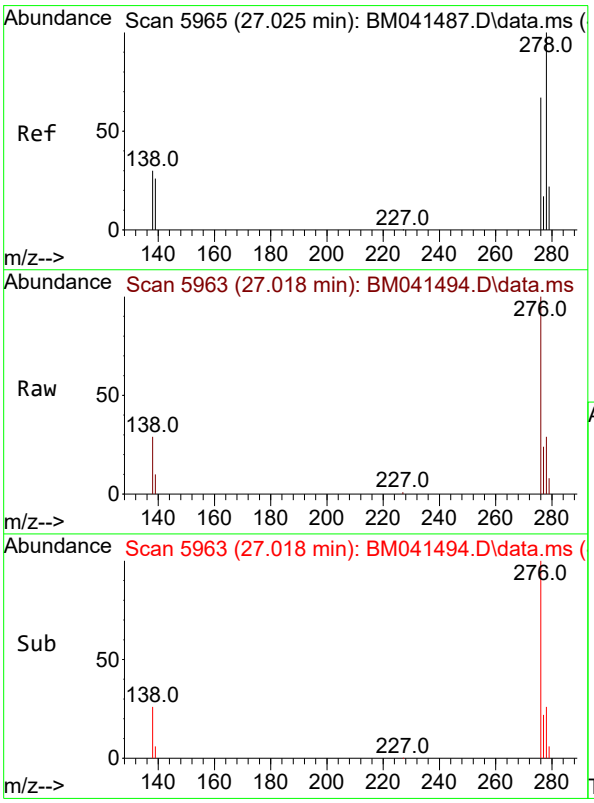
#27
Indeno(1,2,3-cd)pyrene
Concen: 5.681 ng/ul
RT: 26.991 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Tgt Ion:276 Resp: 480561

Ion	Ratio	Lower	Upper
276	100		
138	27.9	27.8	41.6
227	0.2	0.0	0.0#

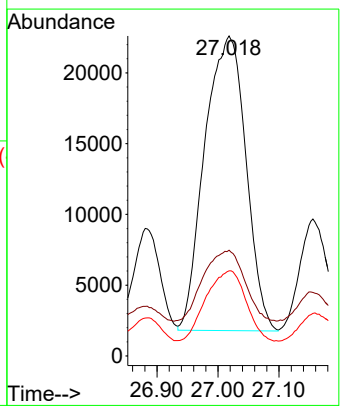


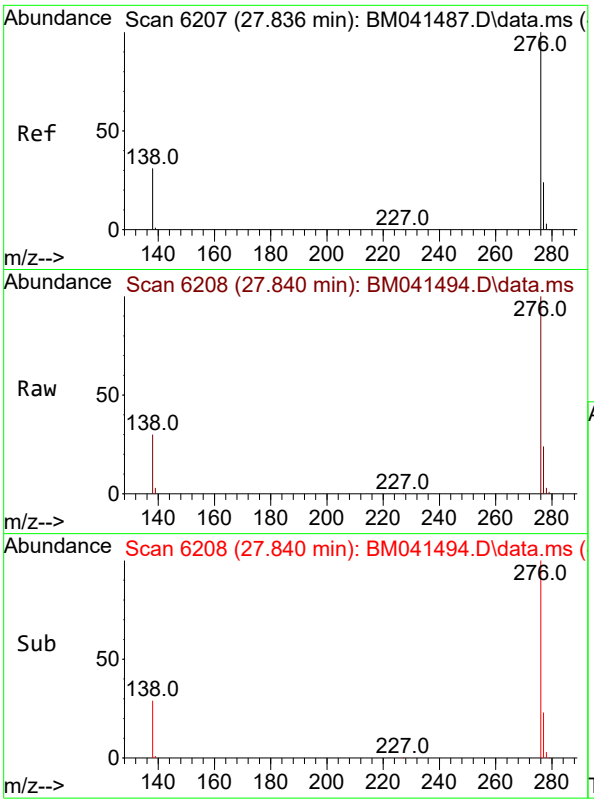


#28
Dibenzo(a,h)anthracene
Concen: 1.509 ng/ul
RT: 27.018 min Scan# 5963
Delta R.T. -0.027 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Tgt Ion:278 Resp: 97681

Ion	Ratio	Lower	Upper
278	100		
139	33.1	21.9	32.9#
279	26.6	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 6.315 ng/ul
RT: 27.840 min Scan# 6
Delta R.T. -0.013 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Instrument :
BNA_M
ClientSampleId :
EZYJ7

Tgt Ion:276 Resp: 470544

Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.9	38.9
277	23.7	19.4	29.2