Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM040048.D
Acq On : 26 May 2023 22:03
Operator : CG/JU
Sample : 02851-12
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0FK5

Quant Time: May 27 00:12:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 15:01:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	9432	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	31860	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	14547	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	22999	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	11127	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	12424	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	48235	4.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	10957	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	13325	0.398	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.429	178	4489	0.069	ng/ul	95
16) Anthracene	17.522	178	1336	0.024	ng/ul#	76
19) Fluoranthene	19.440	202	9990	0.200	ng/ul	98
20) Pyrene	19.802	202	13129	0.259	ng/ul	97
21) Benzo(a)anthracene	21.547	228	3082	0.082	ng/ul#	92
22) Chrysene	21.602	228	4593	0.115	ng/ul#	95
24) Benzo(b)fluoranthene	23.263	252	6155	0.125	ng/ul#	68
26) Benzo(a)pyrene	23.900	252	3548	0.086	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.551	276	2782	0.047	ng/ul#	93
29) Benzo(g,h,i)perylene	27.336	276	2223	0.046	ng/ul#	77

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

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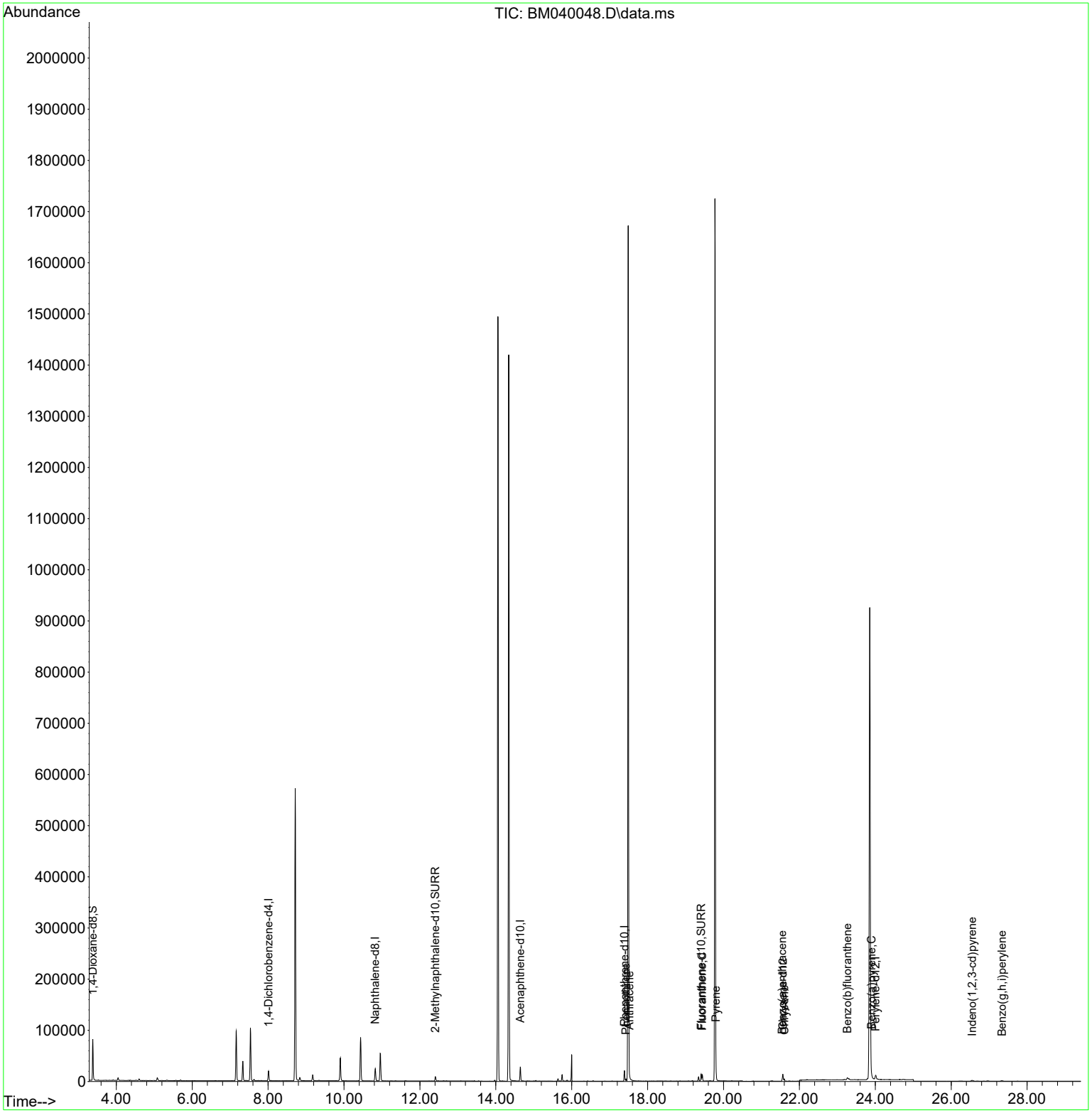
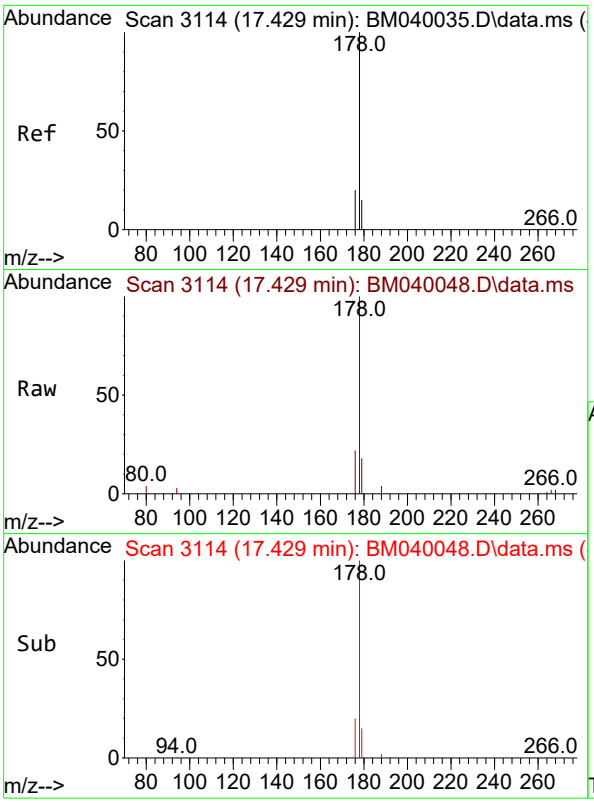


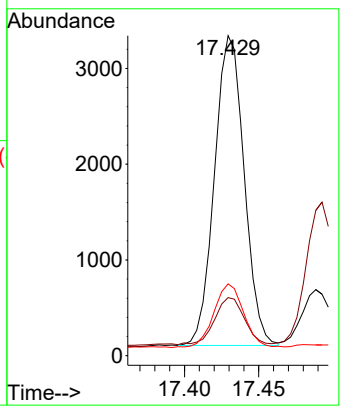


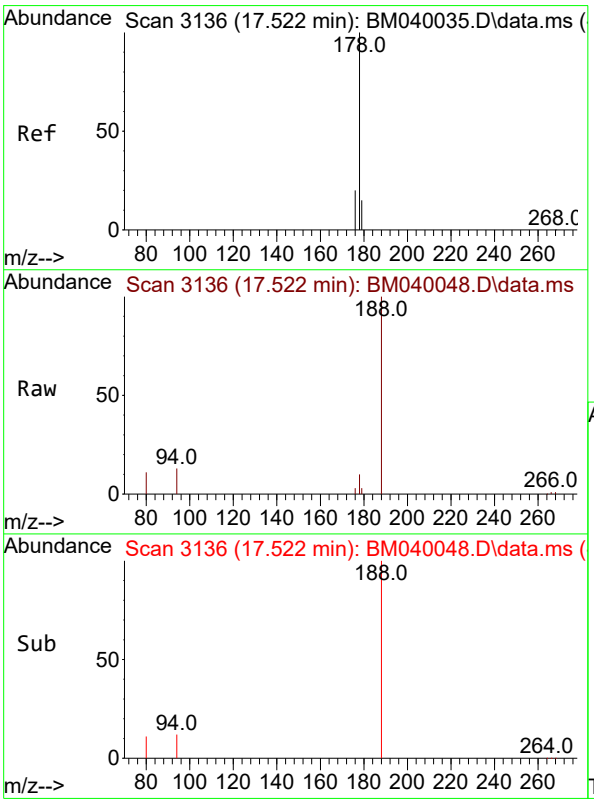
#15
Phenanthrene
Concen: 0.069 ng/ul
RT: 17.429 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Instrument :
BNA_M
ClientSampleId :
H0FK5

Tgt Ion:178 Resp: 4489

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.4	18.6
176	22.4	16.3	24.5

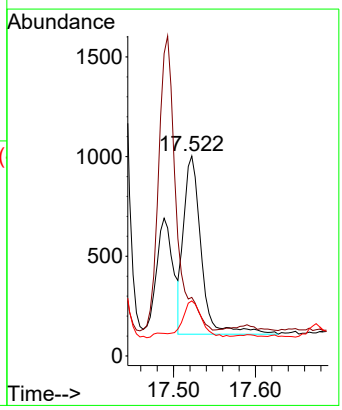


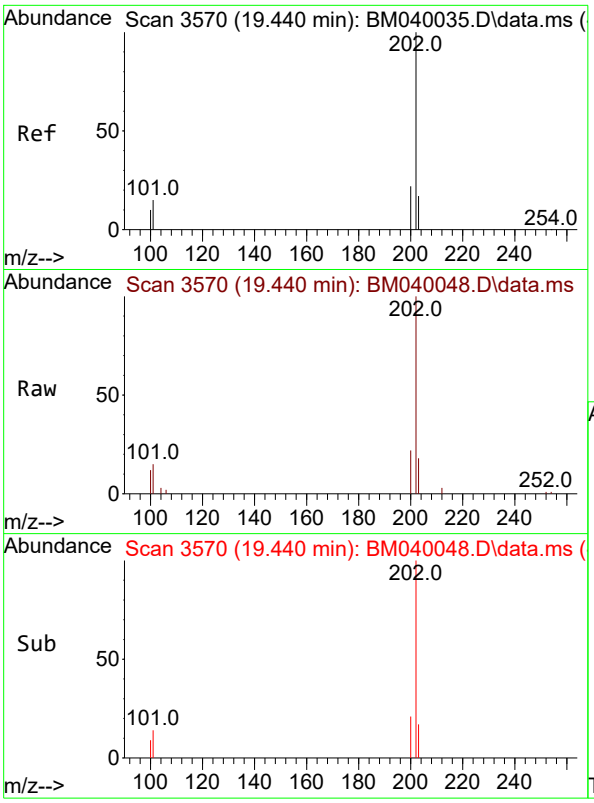


#16
Anthracene
Concen: 0.024 ng/ul
RT: 17.522 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Tgt Ion:178 Resp: 1336

Ion	Ratio	Lower	Upper
178	100		
179	29.3	12.6	19.0#
176	27.5	15.5	23.3#



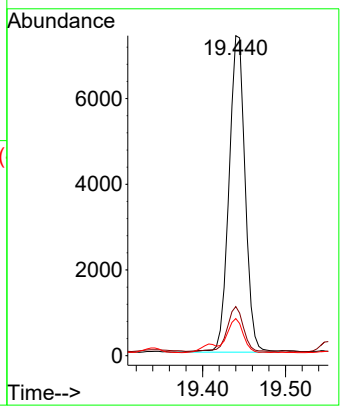


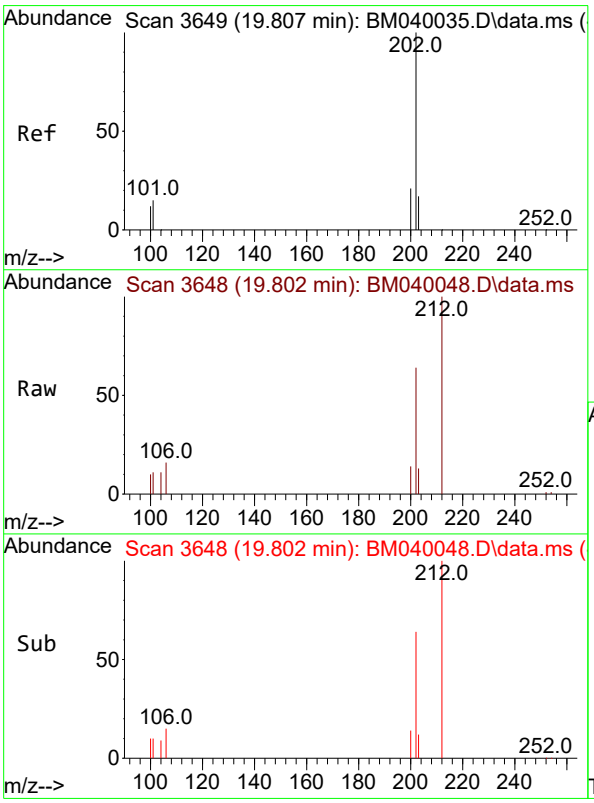
#19
Fluoranthene
Concen: 0.200 ng/ul
RT: 19.440 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Instrument :
BNA_M
ClientSampleId :
H0FK5

Tgt Ion:202 Resp: 9990

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.5	17.3
100	11.6	8.5	12.7

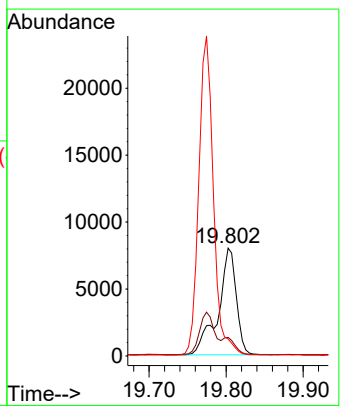


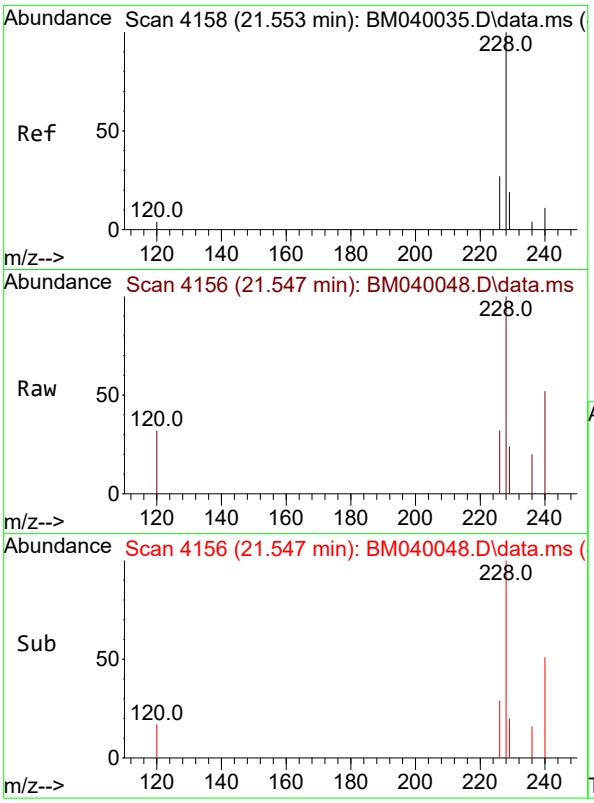


#20
Pyrene
Concen: 0.259 ng/ul
RT: 19.802 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Tgt Ion:202 Resp: 13129

Ion	Ratio	Lower	Upper
202	100		
101	17.3	13.3	19.9
100	15.7	10.9	16.3



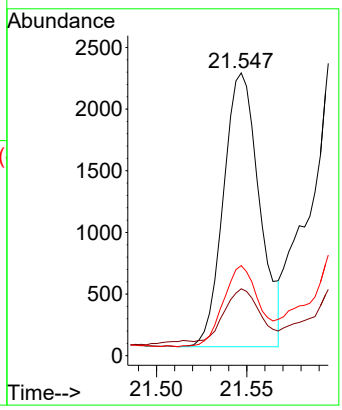


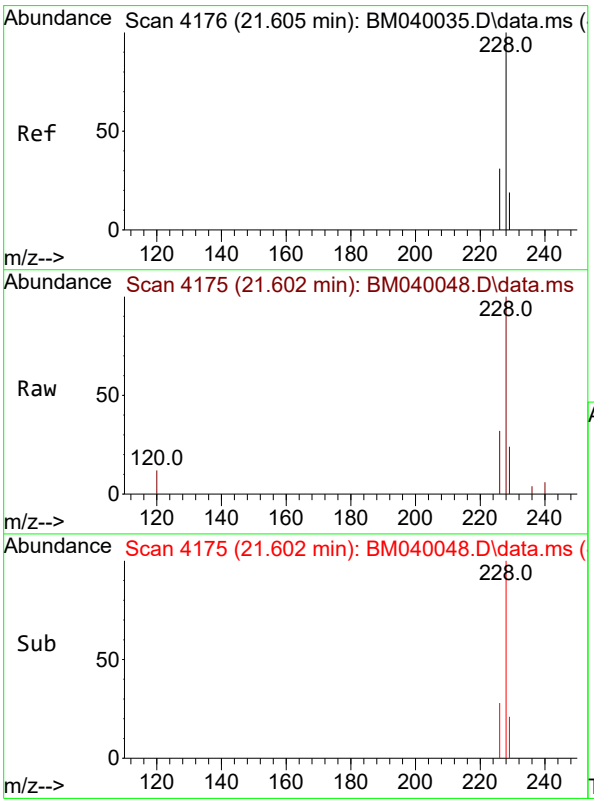
#21
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.547 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Instrument :
BNA_M
ClientSampleId :
H0FK5

Tgt Ion:228 Resp: 3082

Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.6	23.4#
226	31.9	22.5	33.7

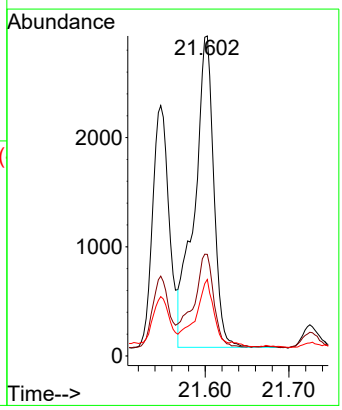


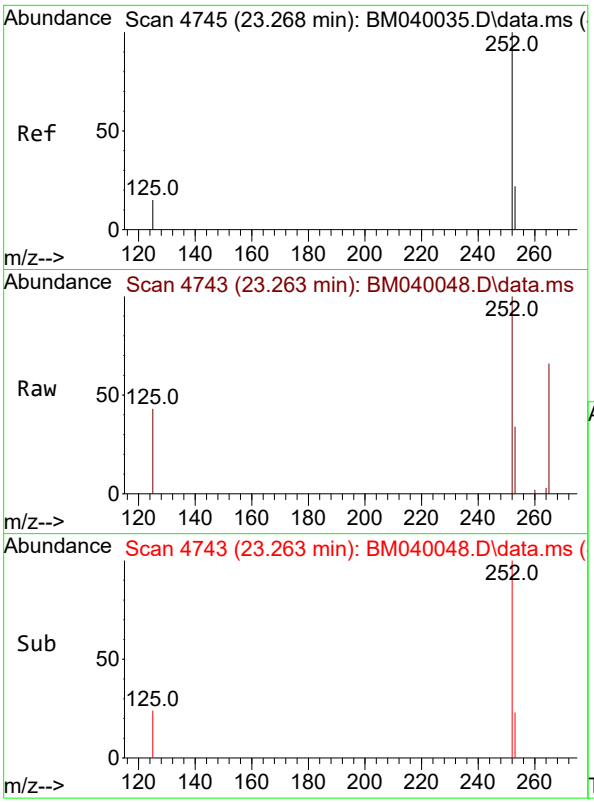


#22
Chrysene
Concen: 0.115 ng/ul
RT: 21.602 min Scan# 4175
Delta R.T. -0.009 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Tgt Ion:228 Resp: 4593

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	36.8
229	23.9	15.6	23.4#



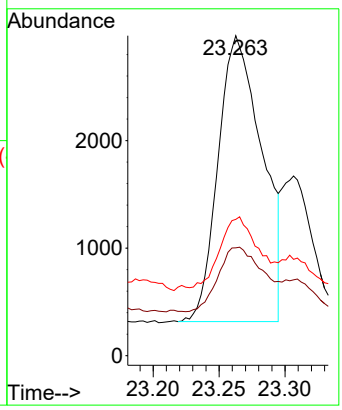


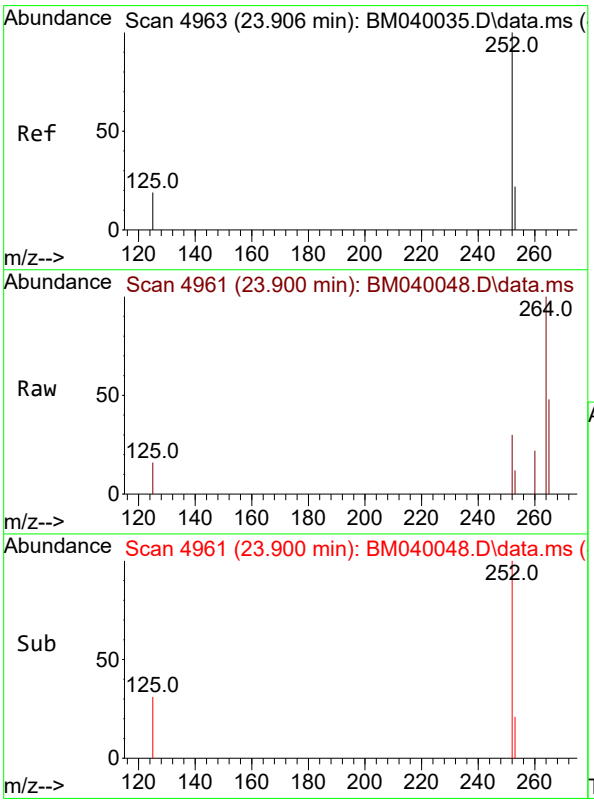
#24
Benzo(b)fluoranthene
Concen: 0.125 ng/ul
RT: 23.263 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Instrument :
BNA_M
ClientSampleId :
H0FK5

Tgt Ion:252 Resp: 6155

Ion	Ratio	Lower	Upper
252	100		
253	33.7	0.0	49.8
125	42.6	0.0	39.2#

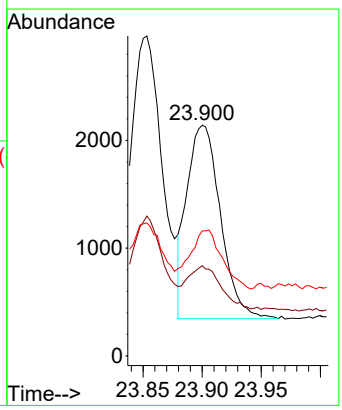


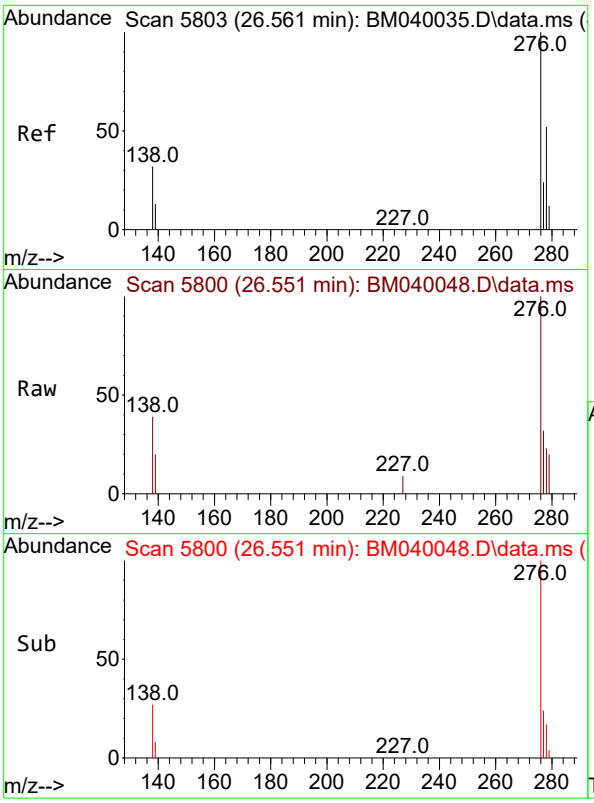


#26
Benzo(a)pyrene
Concen: 0.086 ng/ul
RT: 23.900 min Scan# 4961
Delta R.T. -0.015 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Tgt Ion:252 Resp: 3548

Ion	Ratio	Lower	Upper
252	100		
253	39.1	20.6	31.0#
125	54.1	19.1	28.7#



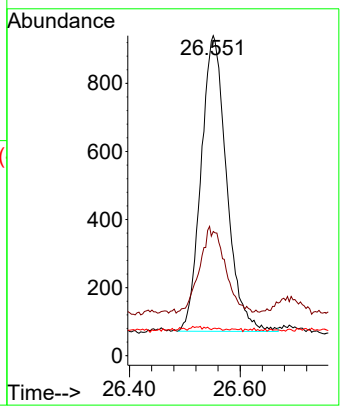


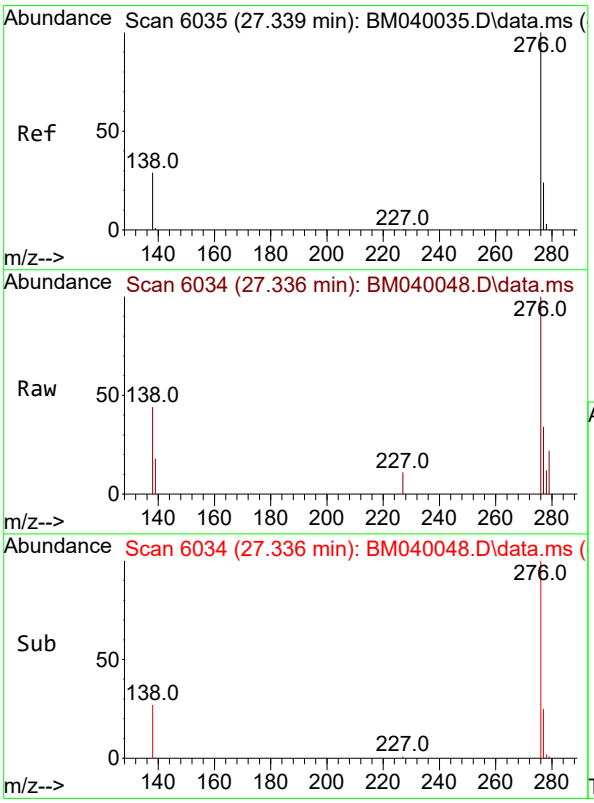
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng/ul
RT: 26.551 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Instrument :
BNA_M
ClientSampleId :
H0FK5

Tgt Ion:276 Resp: 2782

Ion	Ratio	Lower	Upper
276	100		
138	29.3	26.9	40.3
227	0.4	0.1	0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 27.336 min Scan# 6034
Delta R.T. -0.020 min
Lab File: BM040048.D
Acq: 26 May 2023 22:03

Tgt Ion:276 Resp: 2223

Ion	Ratio	Lower	Upper
276	100		
138	43.8	23.9	35.9#
277	34.5	19.5	29.3#