Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042623\
Data File : BM039688.D
Acq On : 26 Apr 2023 20:57
Operator : CG/JU
Sample : 02488-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHE61

Quant Time: Apr 27 01:22:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:14:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	3491	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.611	136	13155	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.464	164	7086	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.221	188	14587	0.400	ng/ul	-0.03
17) Chrysene-d12	21.430	240	9037	0.400	ng/ul	#-0.01
23) Perylene-d12	23.777	264	10309	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	22717	3.515	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	6192	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.257	212	13995	0.497	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	155	0.022	ng/ul#	68
15) Phenanthrene	17.263	178	1075	0.027	ng/ul#	73
19) Fluoranthene	19.290	202	1495	0.040	ng/ul#	82
20) Pyrene	19.643	202	1168	0.027	ng/ul#	8
21) Benzo(a)anthracene	21.424	228	716	0.034	ng/ul#	60
22) Chrysene	21.468	228	896	0.035	ng/ul#	73
24) Benzo(b)fluoranthene	23.067	252	1360	0.042	ng/ul#	21
26) Benzo(a)pyrene	23.616	252	3656	0.111	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.276	276	955	0.023	ng/ul#	99
29) Benzo(g,h,i)perylene	27.017	276	1274	0.032	ng/ul#	54

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

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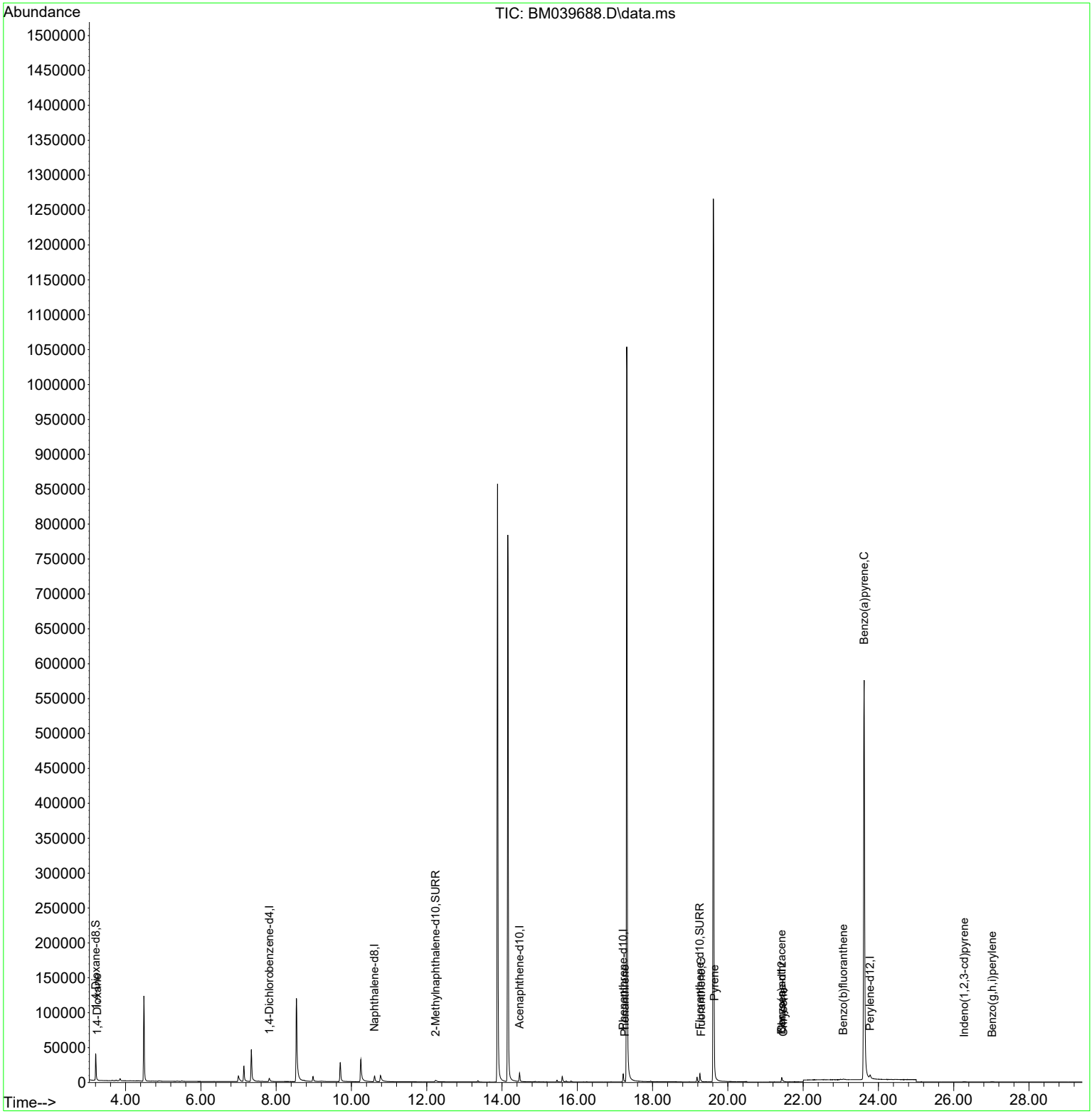
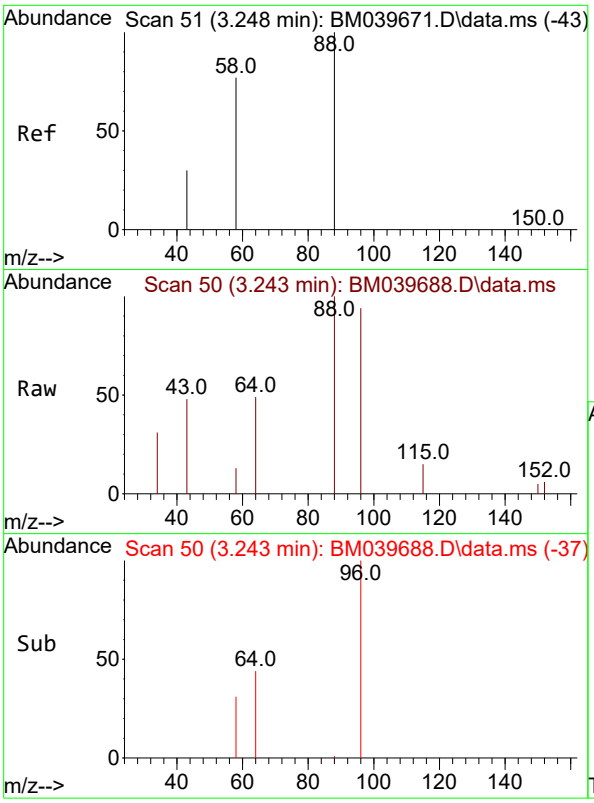


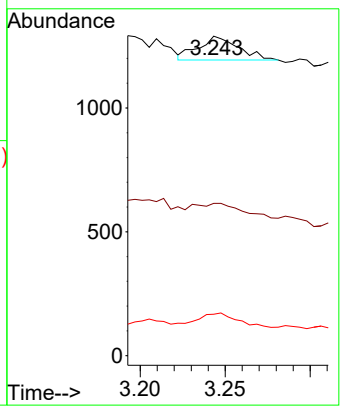


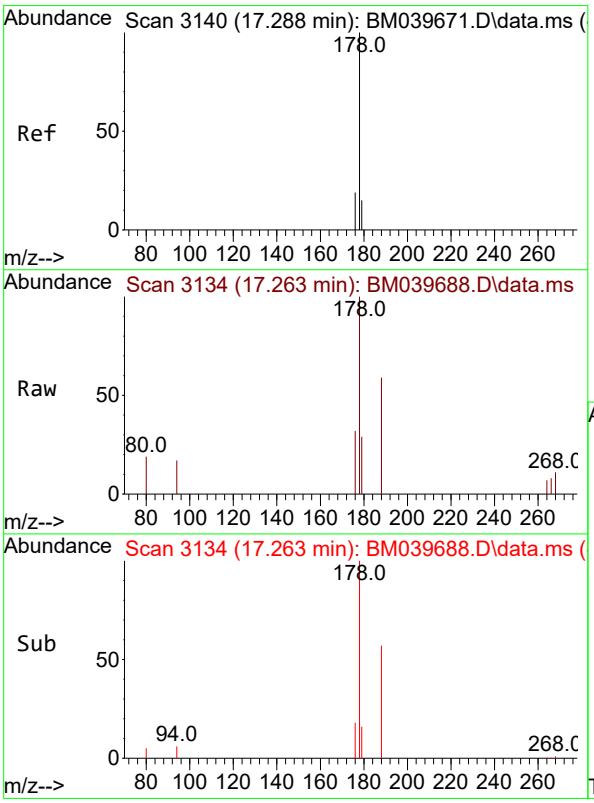
#2
1,4-Dioxane
Concen: 0.022 ng/ul
RT: 3.243 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Instrument :
BNA_M
ClientSampleId :
BHE61

Tgt Ion: 88 Resp: 155

Ion	Ratio	Lower	Upper
88	100		
43	47.7	30.6	45.8#
58	12.9	34.1	51.1#

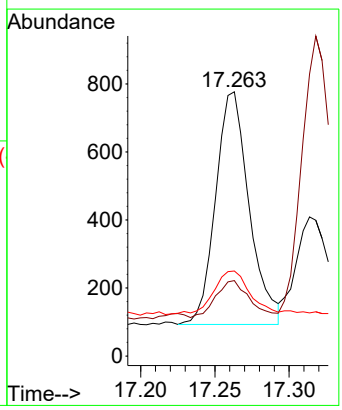


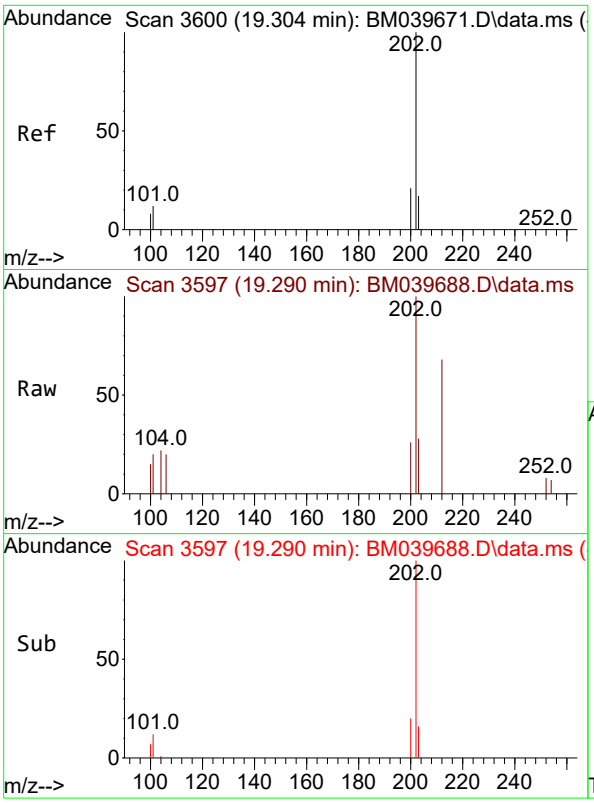


#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.263 min Scan# 3134
Delta R.T. -0.025 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Tgt Ion:178 Resp: 1075

Ion	Ratio	Lower	Upper
178	100		
179	28.6	13.4	20.2#
176	32.2	15.8	23.6#



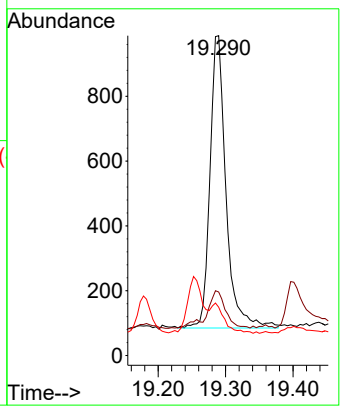


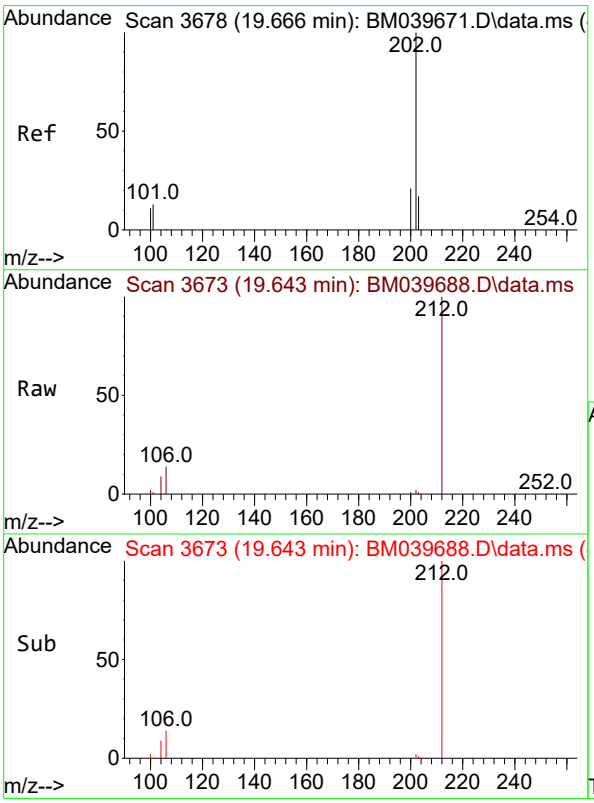
#19
Fluoranthene
Concen: 0.040 ng/ul
RT: 19.290 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Instrument :
BNA_M
ClientSampleId :
BHE61

Tgt Ion:202 Resp: 1495

Ion	Ratio	Lower	Upper
202	100		
101	19.9	9.7	14.5#
100	15.1	7.4	11.0#

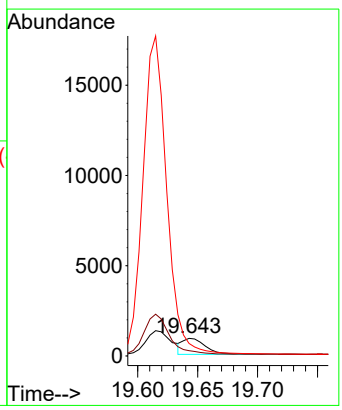


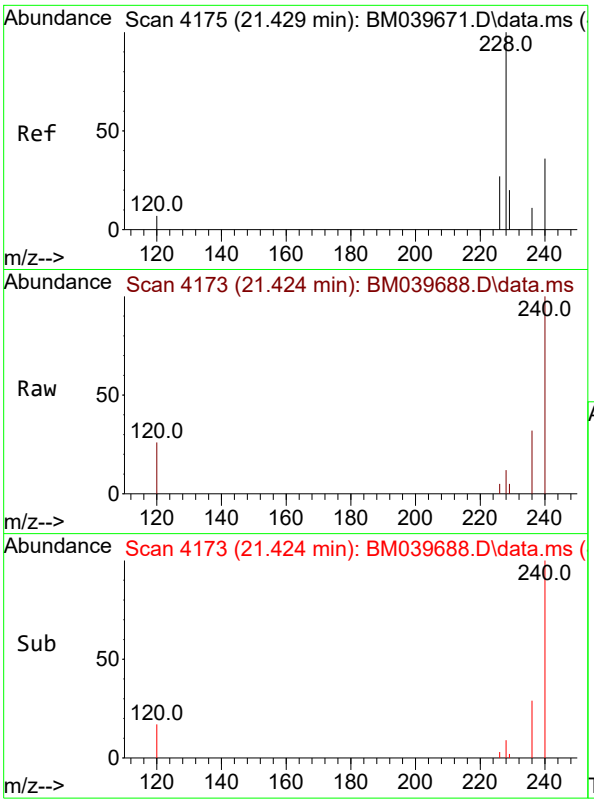


#20
Pyrene
Concen: 0.027 ng/ul
RT: 19.643 min Scan# 3673
Delta R.T. -0.023 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Tgt Ion:202 Resp: 1168

Ion	Ratio	Lower	Upper
202	100		
101	29.8	11.1	16.7#
100	71.1	8.8	13.2#



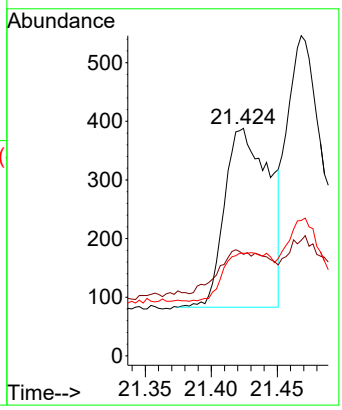


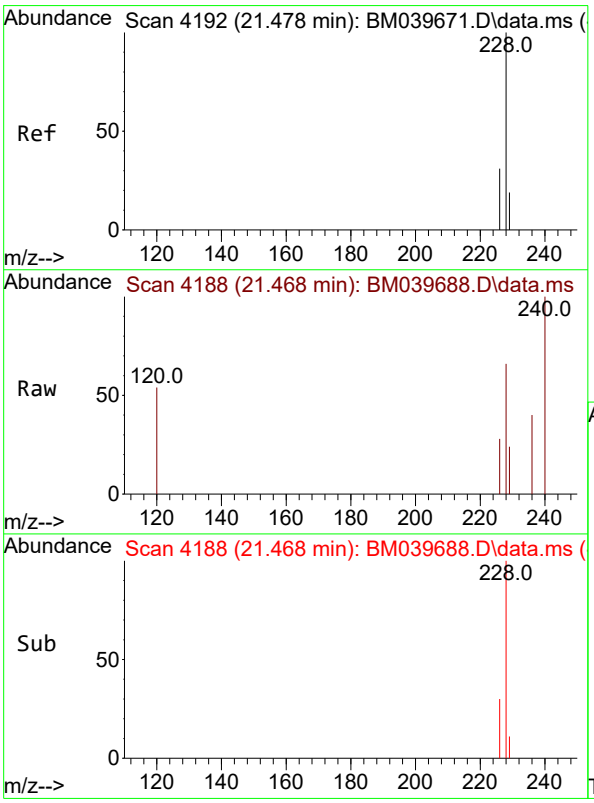
#21
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.424 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Instrument :
BNA_M
ClientSampleId :
BHE61

Tgt Ion:228 Resp: 716

Ion	Ratio	Lower	Upper
228	100		
229	44.6	16.6	24.8#
226	45.1	22.6	34.0#

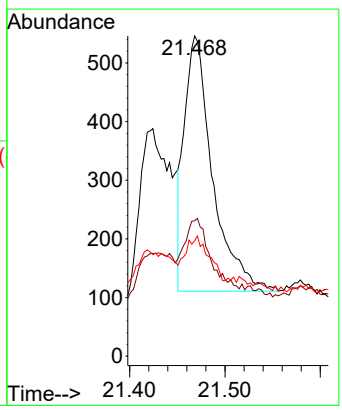


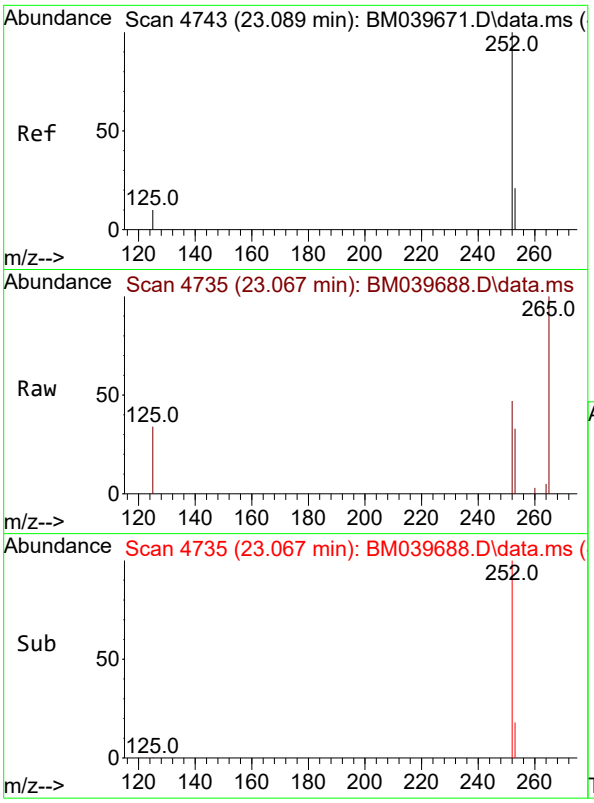


#22
Chrysene
Concen: 0.035 ng/ul
RT: 21.468 min Scan# 4188
Delta R.T. -0.010 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Tgt Ion:228 Resp: 896

Ion	Ratio	Lower	Upper
228	100		
226	42.3	24.2	36.2#
229	36.1	16.2	24.4#



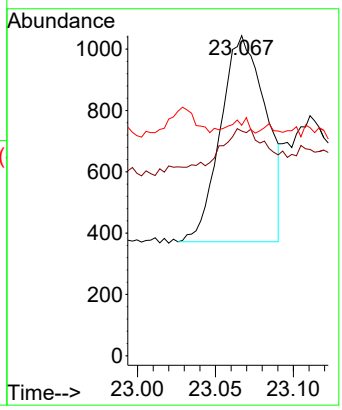


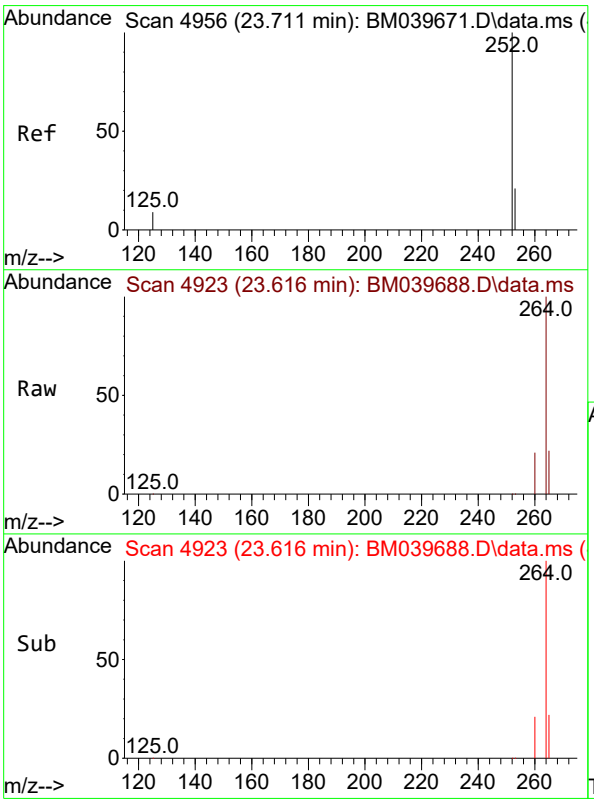
#24
Benzo(b)fluoranthene
Concen: 0.042 ng/ul
RT: 23.067 min Scan# 4
Delta R.T. -0.022 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Instrument :
BNA_M
ClientSampleId :
BHE61

Tgt Ion:252 Resp: 1360

Ion	Ratio	Lower	Upper
252	100		
253	70.2	0.0	64.4#
125	72.0	0.0	50.4#

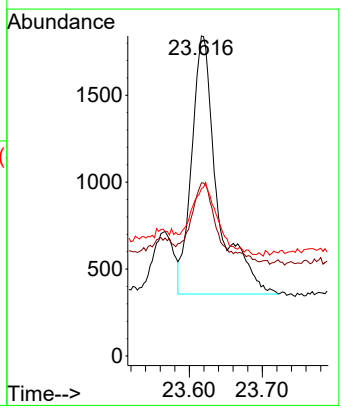


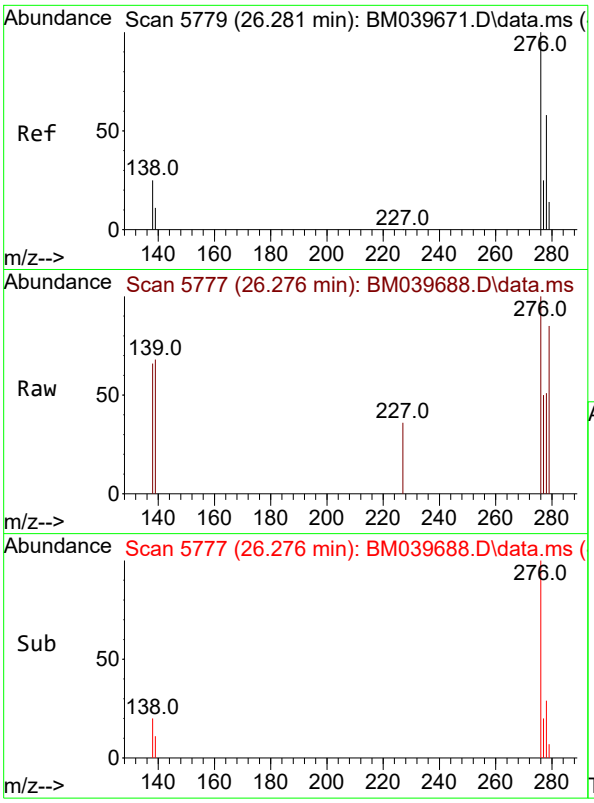


#26
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.616 min Scan# 4923
Delta R.T. -0.095 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Tgt Ion:252 Resp: 3656

Ion	Ratio	Lower	Upper
252	100		
253	54.0	31.0	46.4#
125	52.3	28.2	42.4#



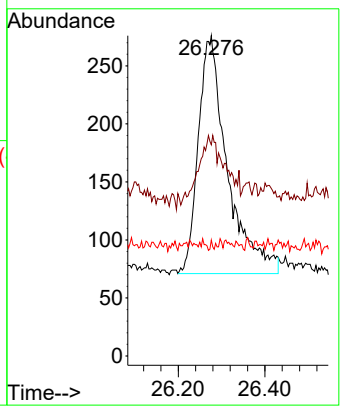


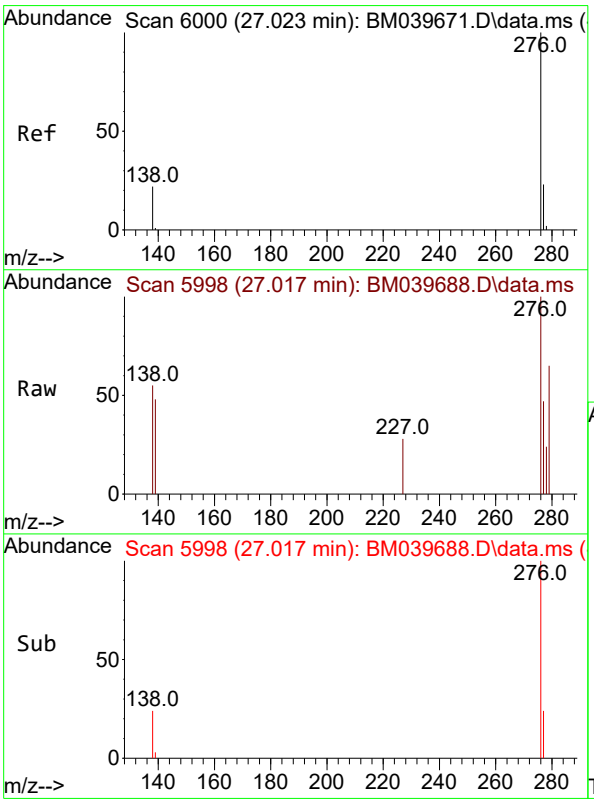
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 26.276 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Instrument :
BNA_M
ClientSampleId :
BHE61

Tgt Ion:276 Resp: 955

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.4	32.0
227	0.3	0.1	0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 27.017 min Scan# 5998
Delta R.T. -0.005 min
Lab File: BM039688.D
Acq: 26 Apr 2023 20:57

Tgt Ion:276 Resp: 1274

Ion	Ratio	Lower	Upper
276	100		
138	54.8	22.2	33.2#
277	47.2	21.2	31.8#