Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM042000.D
Acq On : 22 Sep 2023 23:06
Operator : MA/JU
Sample : 04386-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

Quant Time: Sep 23 02:40:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5249	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	14261	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	6255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	11932	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	4653	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	4696	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	27934	3.905	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3533	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	4988	0.260	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	210	0.028	ng/ul#	1
15) Phenanthrene	17.392	178	1202	0.022	ng/ul#	81
19) Fluoranthene	19.403	202	2246	0.043	ng/ul#	90
20) Pyrene	19.771	202	1865	0.036	ng/ul#	88
21) Benzo(a)anthracene	21.507	228	830	0.024	ng/ul#	85
22) Chrysene	21.562	228	861	0.024	ng/ul#	86
24) Benzo(b)fluoranthene	23.190	252	1311	0.036	ng/ul#	1

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

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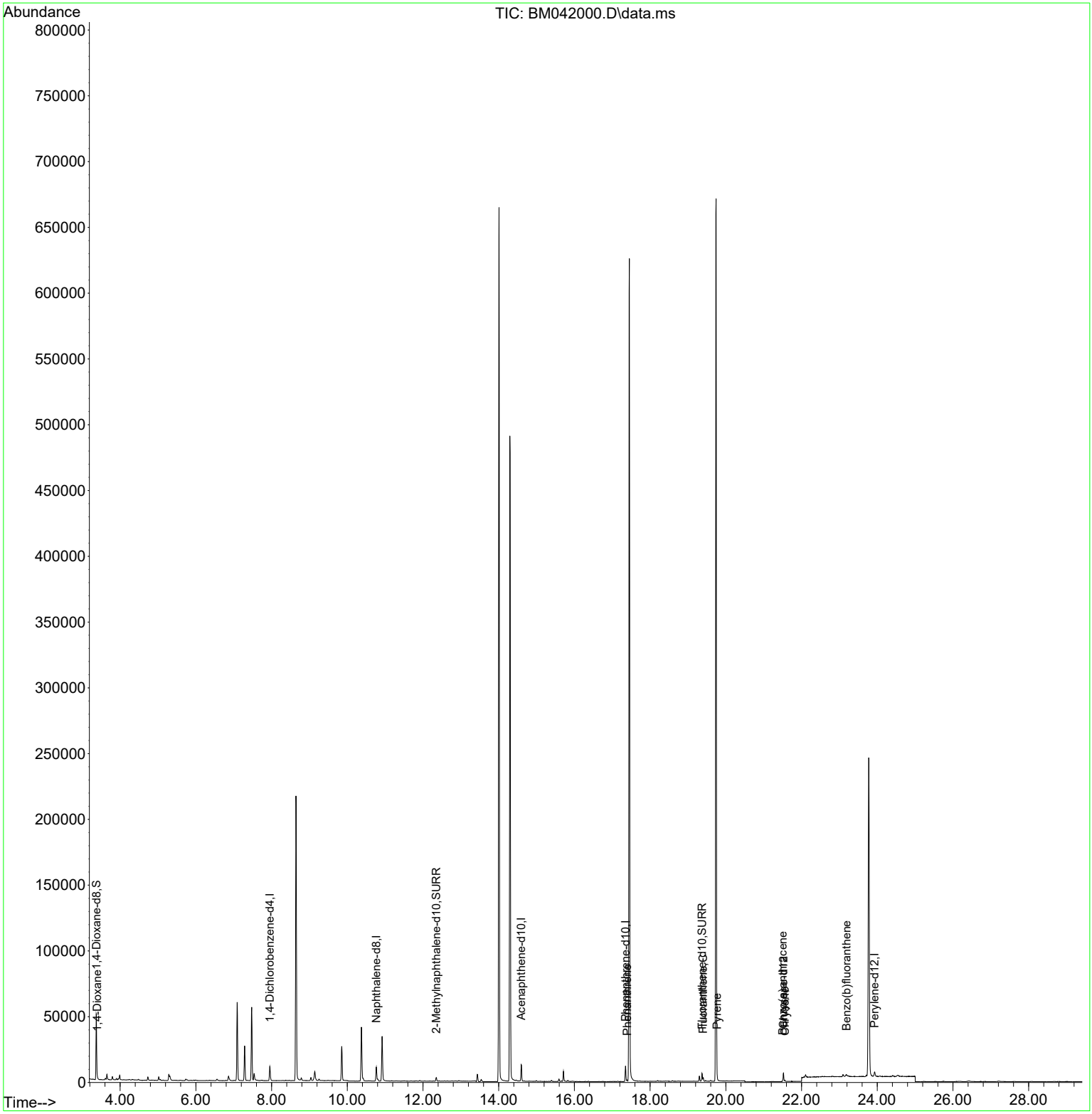
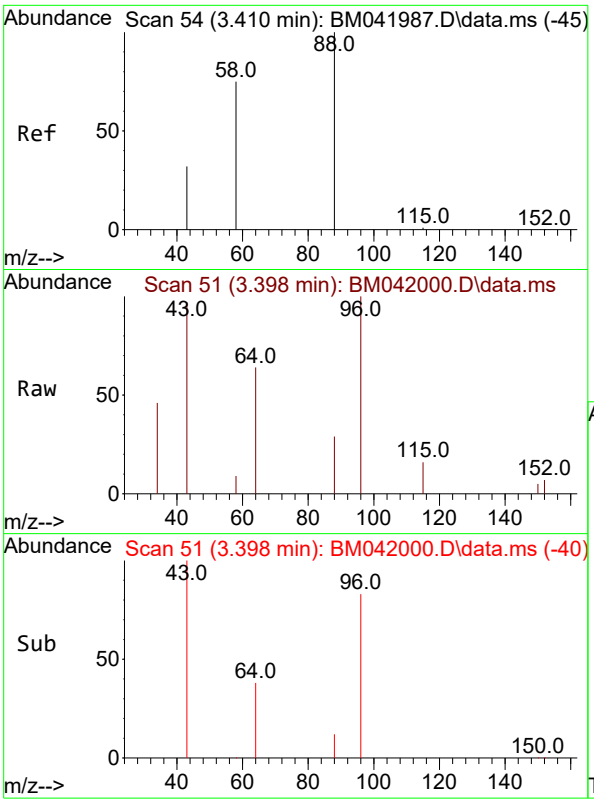


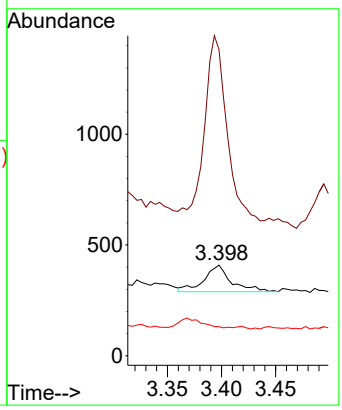


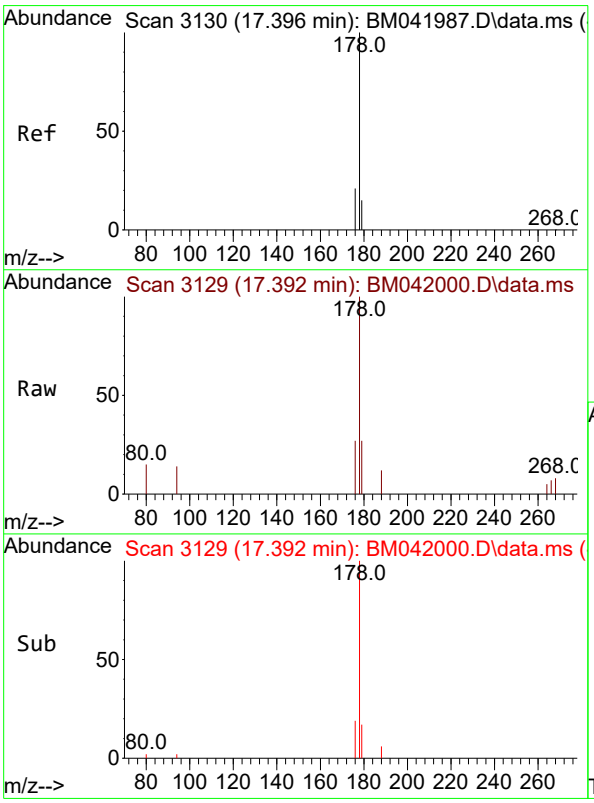
#2
1,4-Dioxane
Concen: 0.028 ng/ul
RT: 3.398 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM042000.D
Acq: 22 Sep 2023 23:06

Instrument :
BNA_M
ClientSampleId :
C0AF2

Tgt Ion: 88 Resp: 210

Ion	Ratio	Lower	Upper
88	100		
43	337.9	42.9	64.3#
58	32.0	56.4	84.6#

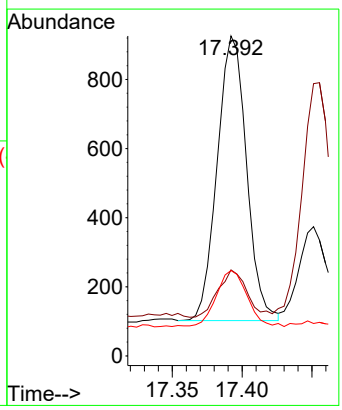


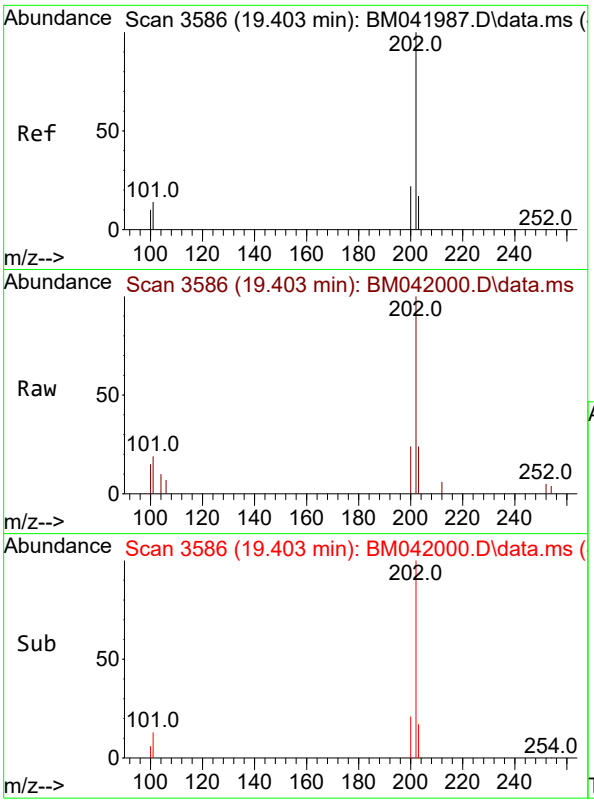


#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM042000.D
Acq: 22 Sep 2023 23:06

Tgt Ion:178 Resp: 1202

Ion	Ratio	Lower	Upper
178	100		
179	26.9	12.7	19.1#
176	26.7	16.6	24.8#



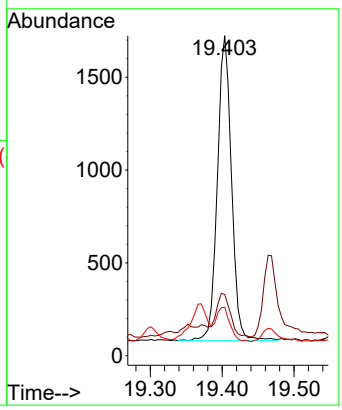


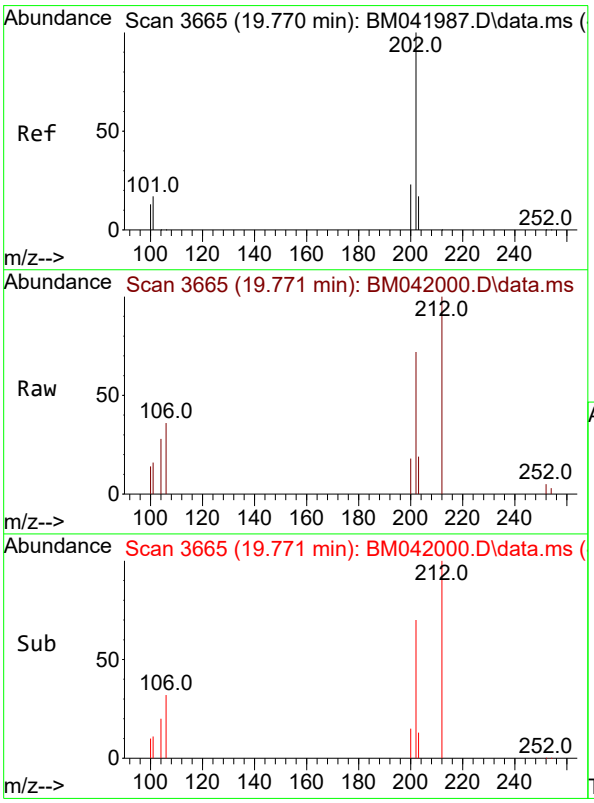
#19
Fluoranthene
Concen: 0.043 ng/ul
RT: 19.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM042000.D
Acq: 22 Sep 2023 23:06

Instrument :
BNA_M
ClientSampleId :
C0AF2

Tgt Ion:202 Resp: 2246

Ion	Ratio	Lower	Upper
202	100		
101	19.1	11.8	17.6#
100	15.1	9.1	13.7#

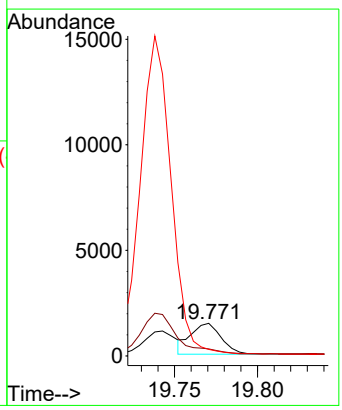


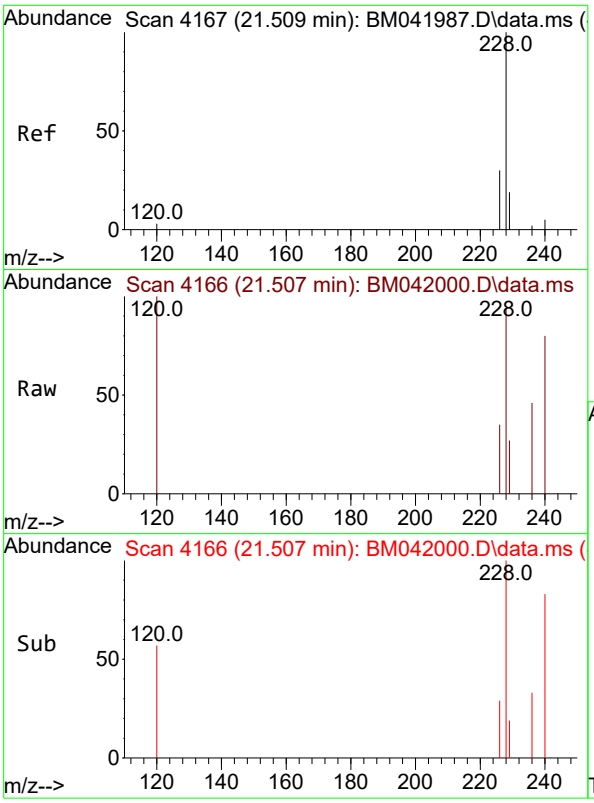


#20
Pyrene
Concen: 0.036 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BM042000.D
Acq: 22 Sep 2023 23:06

Tgt Ion:202 Resp: 1865

Ion	Ratio	Lower	Upper
202	100		
101	21.8	14.1	21.1#
100	19.9	11.4	17.0#





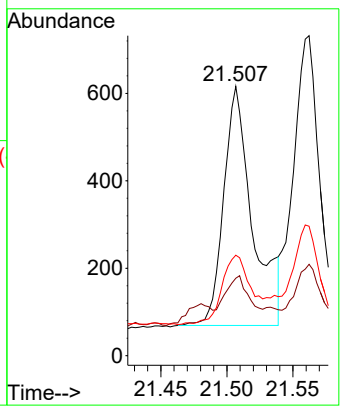
#21
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.507 min Scan# 4

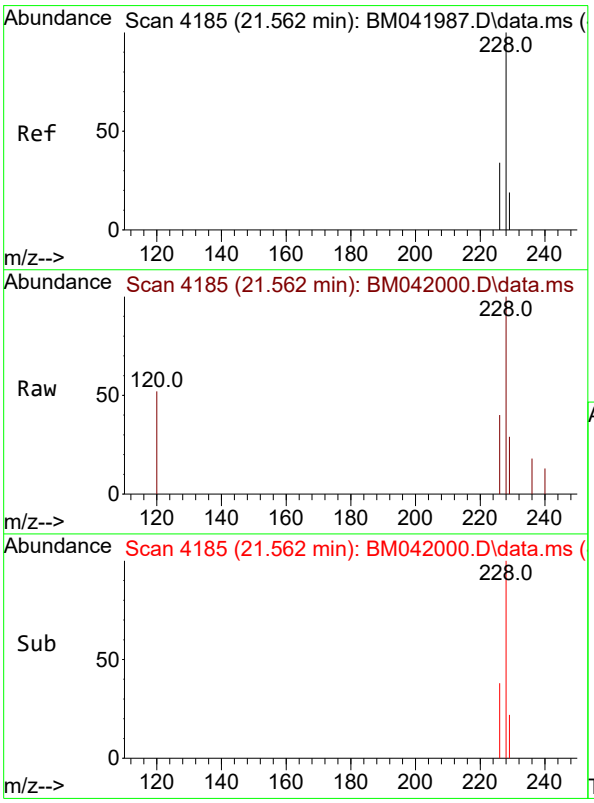
Instrument :
BNA_M
ClientSampleId :
C0AF2

Delta R.T. 0.000 min
Lab File: BM042000.D
Acq: 22 Sep 2023 23:06

Tgt Ion:228 Resp: 830

Ion	Ratio	Lower	Upper
228	100		
229	28.7	15.5	23.3#
226	37.3	24.8	37.2#

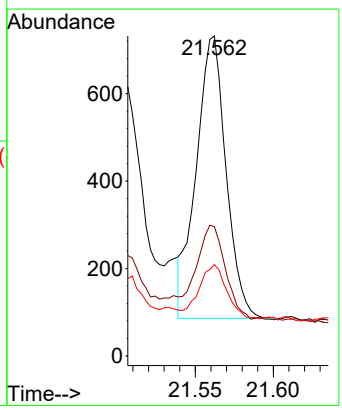


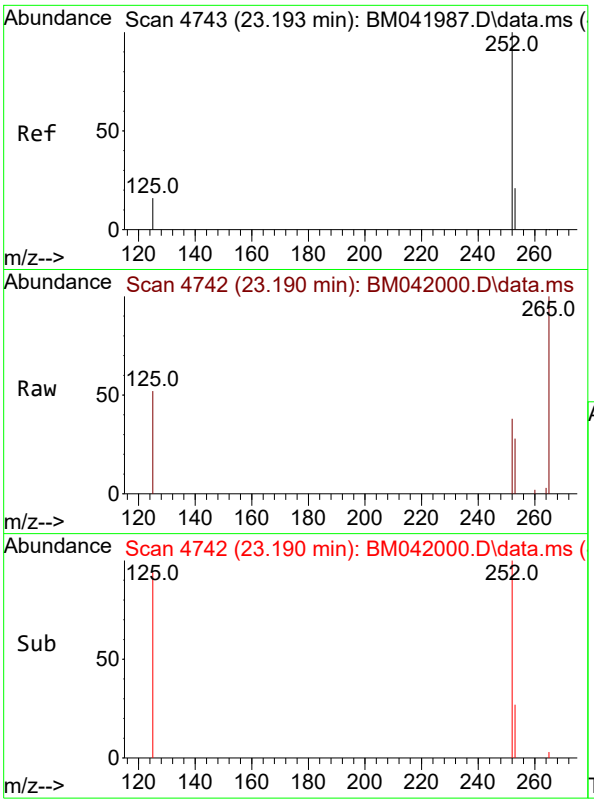


#22
Chrysene
Concen: 0.024 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. 0.000 min
Lab File: BM042000.D
Acq: 22 Sep 2023 23:06

Tgt Ion:228 Resp: 861

Ion	Ratio	Lower	Upper
228	100		
226	40.4	27.8	41.6
229	28.6	15.6	23.4#





#24
Benzo(b)fluoranthene
Concen: 0.036 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM042000.D
Acq: 22 Sep 2023 23:06

Instrument :
BNA_M
ClientSampleId :
C0AF2

Tgt Ion:252 Resp: 1311

Ion	Ratio	Lower	Upper
252	100		
253	75.1	0.0	54.4#
125	137.6	0.0	46.2#