Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
Data File : BM046514.D
Acq On : 11 Jul 2024 12:54
Operator : MA/JU
Sample : P3109-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0HC4

Quant Time: Jul 12 04:20:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2831	0.400	ng/ul	0.00
4) Naphthalene-d8	10.275	136	7553	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.154	164	10989	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.91
17) Chrysene-d12	21.120	240	9283	0.400	ng/ul	0.00
23) Perylene-d12	23.262	264	10118	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	10862	4.670	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.875	152	3901	0.320	ng/ul	0.00
18) Fluoranthene-d10	18.959	212	11389	0.403	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.325	128	1357	0.071	ng/ul#	55
7) 2-Methylnaphthalene	11.947	142	376	0.028	ng/ul#	31
8) 1-Methylnaphthalene	12.172	142	2580	0.187	ng/ul	99
11) Acenaphthene	14.223	153	840	0.025	ng/ul#	83
12) Fluorene	15.222	166	5053	0.122	ng/ul#	32
20) Pyrene	19.317	202	1997	0.048	ng/ul#	1
26) Benzo(a)pyrene	23.133	252	3858	0.116	ng/ul#	45

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

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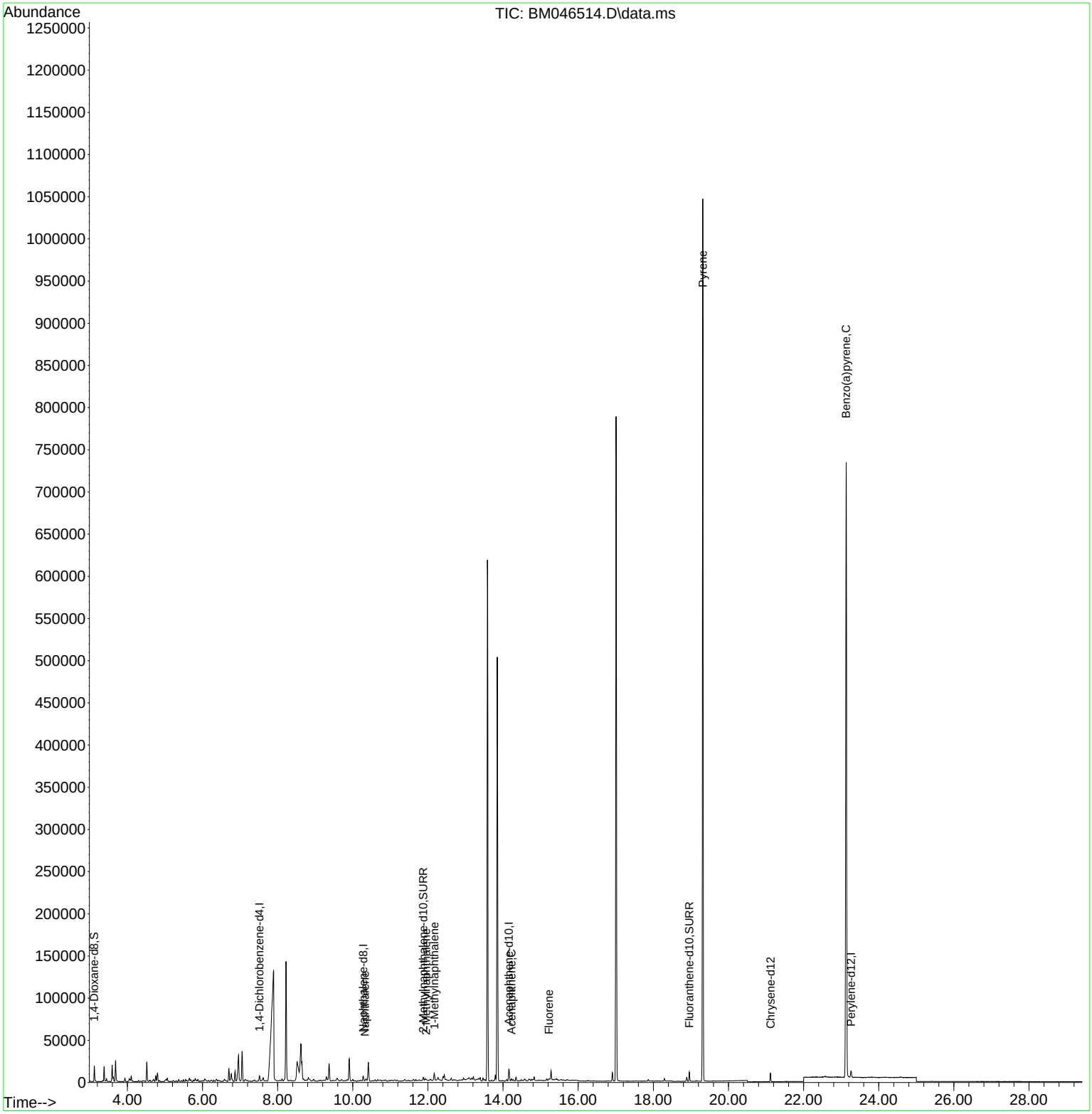
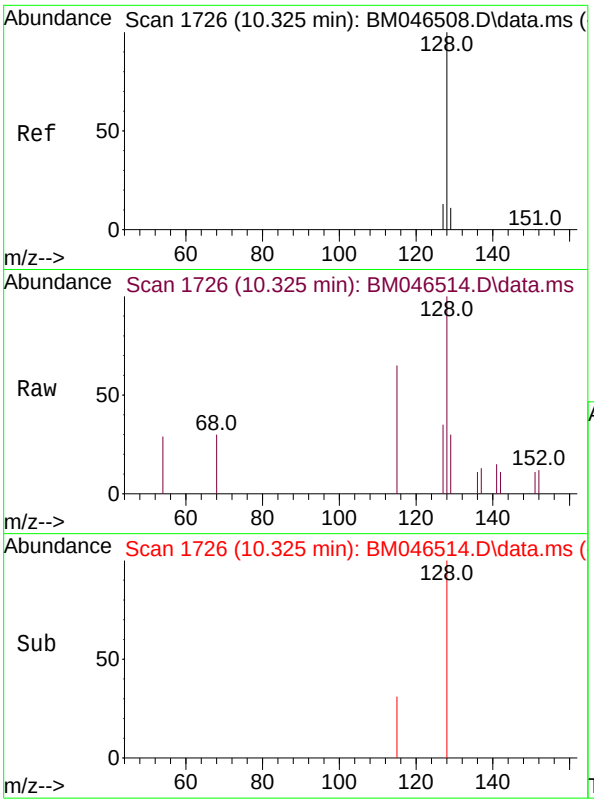


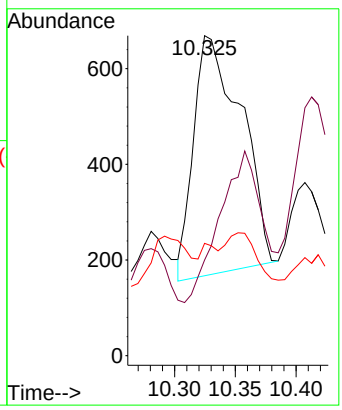


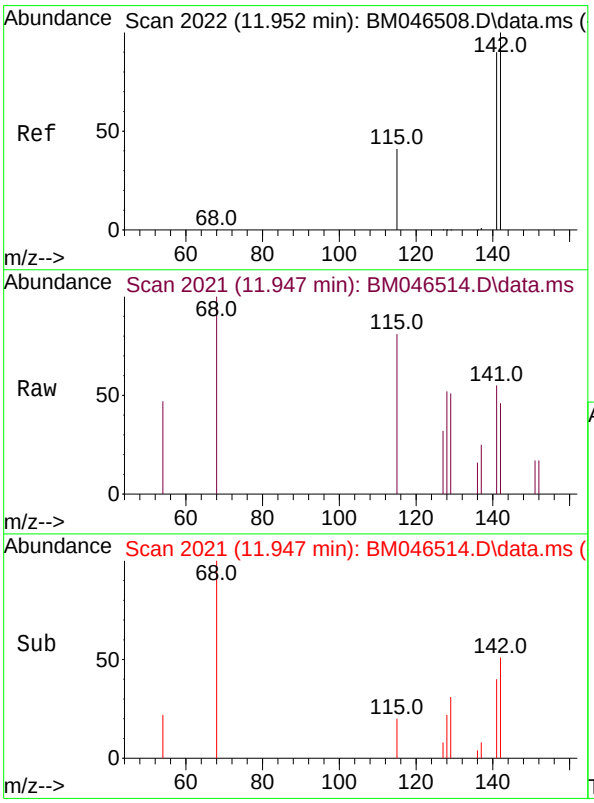
#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM046514.D
Acq: 11 Jul 2024 12:54

Instrument :
BNA_M
ClientSampleId :
H0HC4

Tgt Ion:128 Resp: 1357

Ion	Ratio	Lower	Upper
128	100		
129	29.9	10.3	15.5#
127	35.1	12.2	18.4#

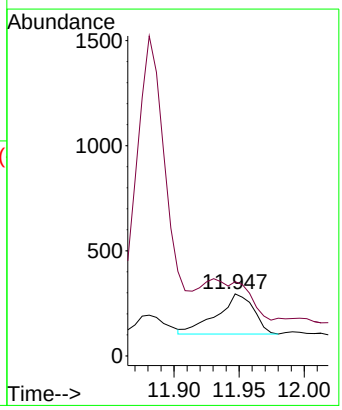


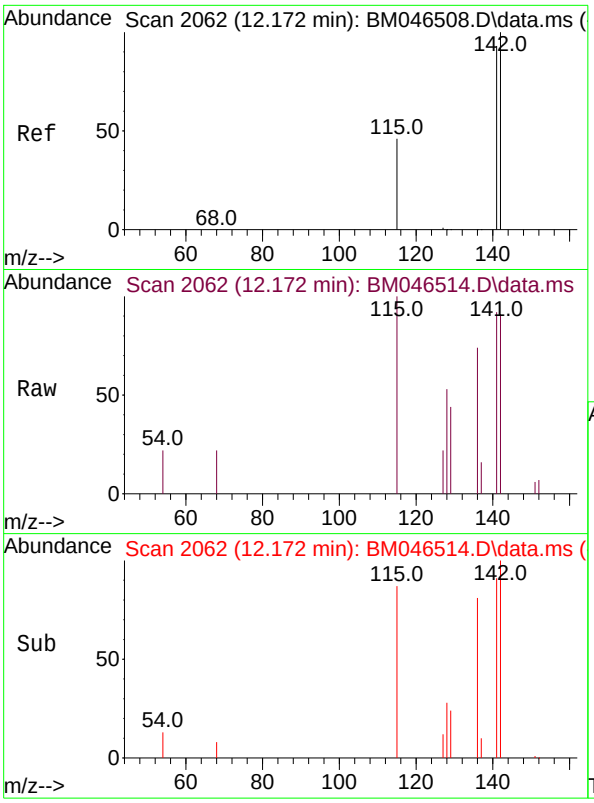


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.947 min Scan# 2021
Delta R.T. -0.005 min
Lab File: BM046514.D
Acq: 11 Jul 2024 12:54

Tgt Ion:142 Resp: 376

Ion	Ratio	Lower	Upper
142	100		
141	151.9	70.3	105.5#



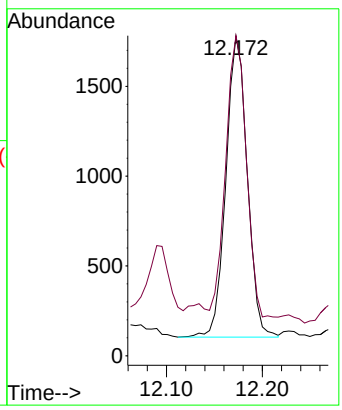


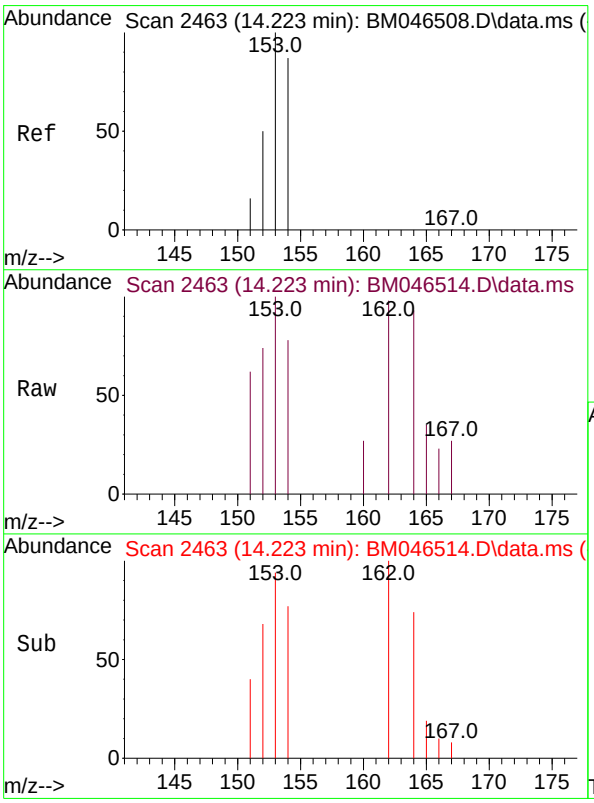
#8
1-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.172 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM046514.D
Acq: 11 Jul 2024 12:54

Instrument :
BNA_M
ClientSampleId :
H0HC4

Tgt Ion:142 Resp: 2580

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9

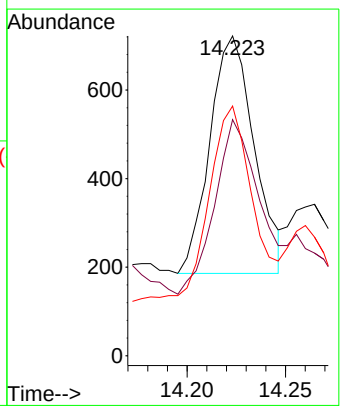


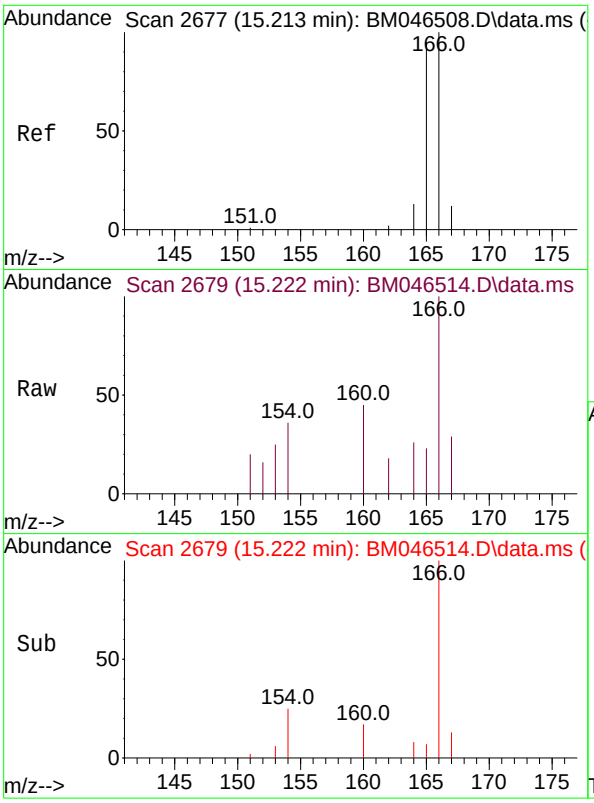


#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.223 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BM046514.D
Acq: 11 Jul 2024 12:54

Tgt Ion:153 Resp: 840

Ion	Ratio	Lower	Upper
153	100		
152	73.8	43.0	64.6#
154	78.1	69.9	104.9



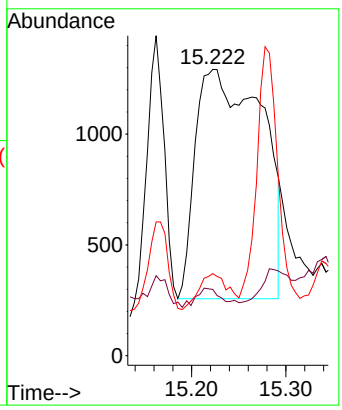


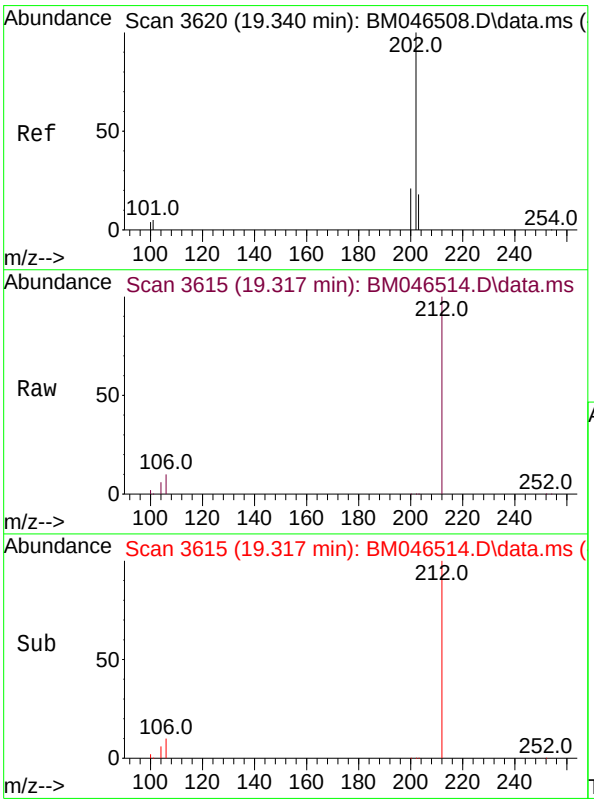
#12
Fluorene
Concen: 0.122 ng/ul
RT: 15.222 min Scan# 2
Delta R.T. 0.009 min
Lab File: BM046514.D
Acq: 11 Jul 2024 12:54

Instrument :
BNA_M
ClientSampleId :
H0HC4

Tgt Ion:166 Resp: 5053

Ion	Ratio	Lower	Upper
166	100		
165	23.1	76.1	114.1#
167	28.7	12.5	18.7#

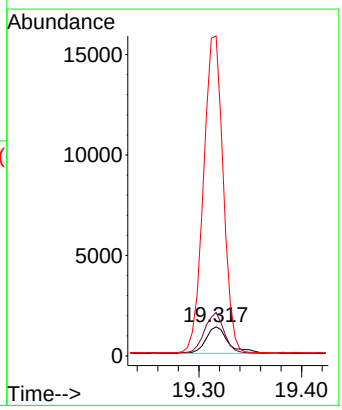


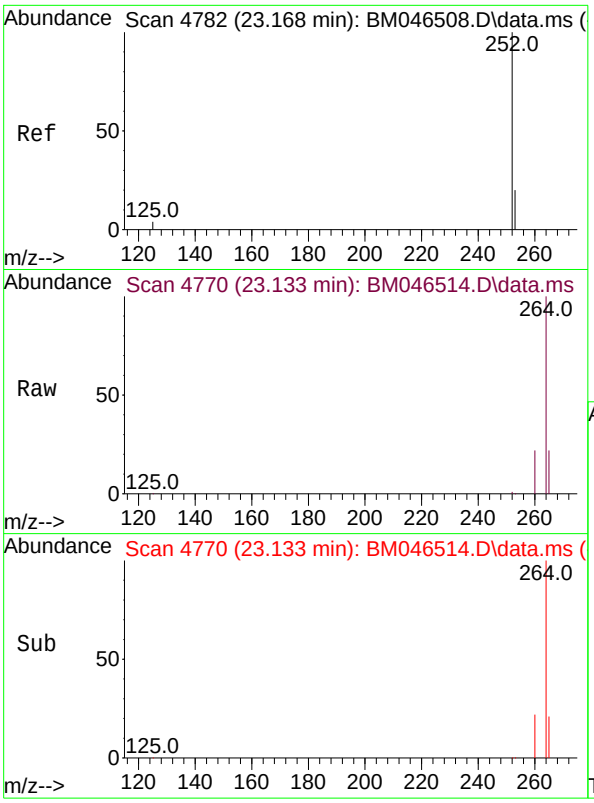


#20
Pyrene
Concen: 0.048 ng/ul
RT: 19.317 min Scan# 3615
Delta R.T. -0.023 min
Lab File: BM046514.D
Acq: 11 Jul 2024 12:54

Tgt Ion:202 Resp: 1997

Ion	Ratio	Lower	Upper
202	100		
101	149.1	5.1	7.7#
100	1097.5	3.8	5.6#





#26
Benzo(a)pyrene
Concen: 0.116 ng/ul
RT: 23.133 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM046514.D
Acq: 11 Jul 2024 12:54

Instrument :
BNA_M
ClientSampleId :
H0HC4

Tgt Ion:252 Resp: 3858

Ion	Ratio	Lower	Upper
252	100		
253	49.4	24.0	36.0#
125	51.5	8.2	12.2#