Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041578.D
Acq On : 30 Aug 2023 13:57
Operator : MA/JU
Sample : 04134-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCHJ0DL

Quant Time: Aug 31 02:17:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	7492	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	18582	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	9391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	18824	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	6921	0.400	ng/ul	0.00
23) Perylene-d12	24.252	264	8511	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	13427	1.214	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	2091	0.093	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	3335	0.098	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.999	128	3448464	58.045	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	185185	5.495	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	134401	3.947	ng/ul	99
10) Acenaphthylene	14.481	152	38625	0.590	ng/ul	99
11) Acenaphthene	14.814	153	224560	4.973	ng/ul	98
12) Fluorene	15.800	166	124573	2.535	ng/ul	96
14) Pentachlorophenol	17.126	266	43912	6.070	ng/ul	98
15) Phenanthrene	17.548	178	213983	2.603	ng/ul	99
16) Anthracene	17.637	178	18002	0.252	ng/ul	98
19) Fluoranthene	19.552	202	8651	0.095	ng/ul	95
20) Pyrene	19.919	202	4946	0.054	ng/ul#	87
26) Benzo(a)pyrene	24.085	252	2547	0.036	ng/ul#	1

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

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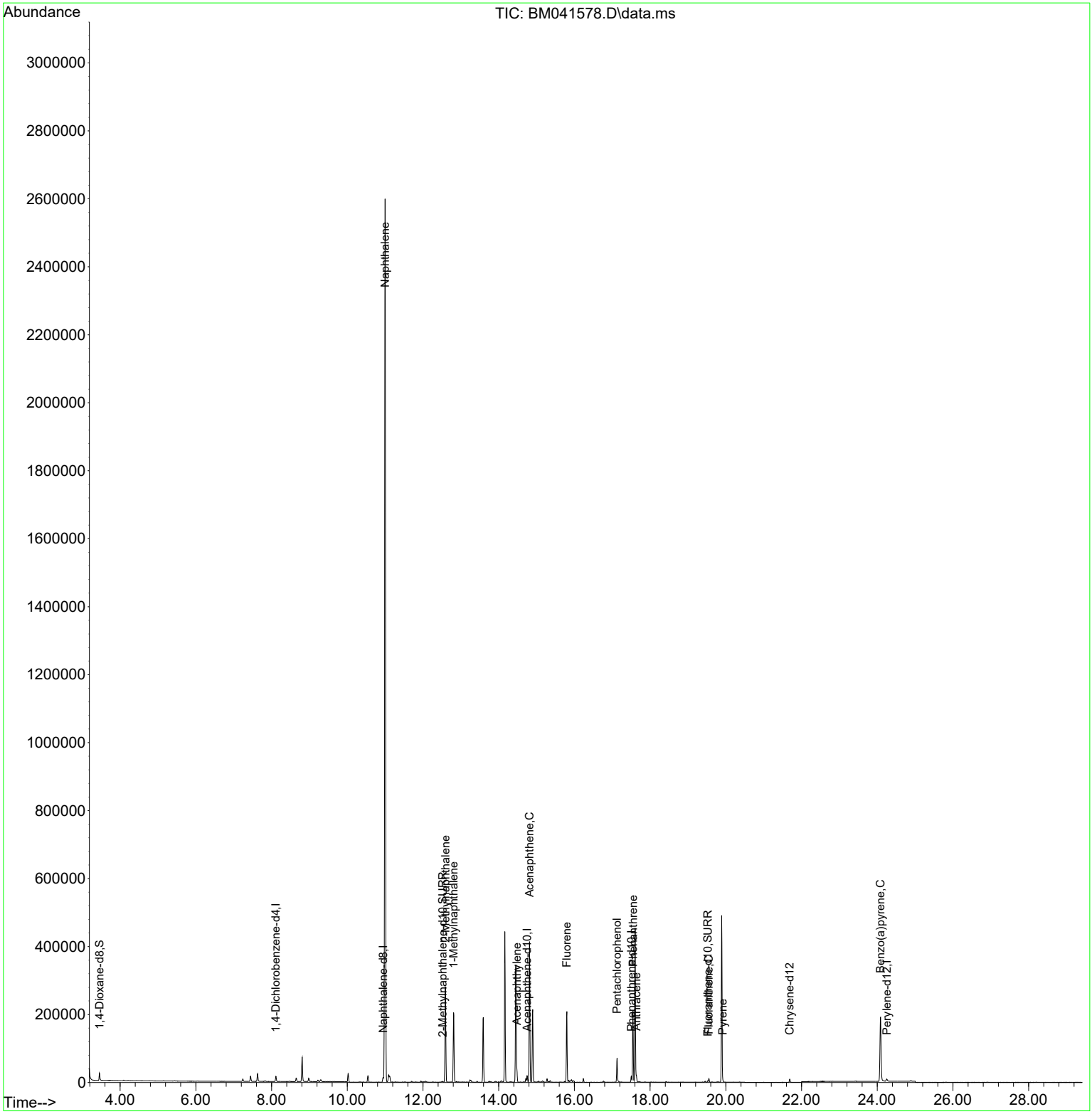
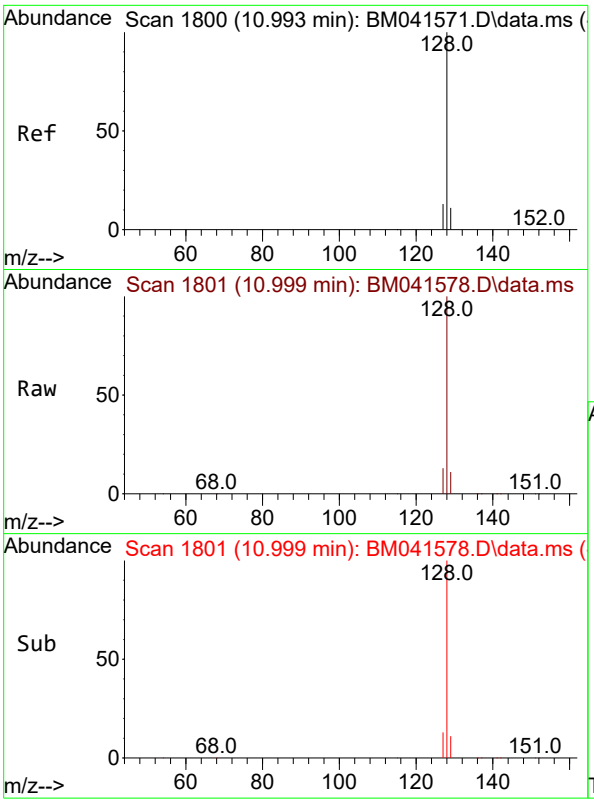


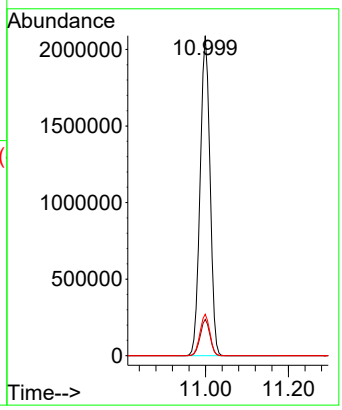


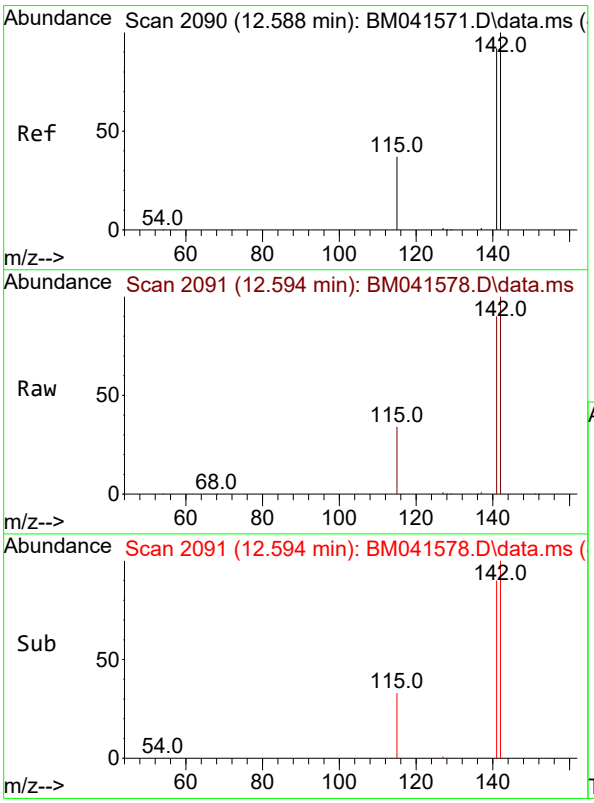
#5
Naphthalene
Concen: 58.045 ng/ul
RT: 10.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Instrument :
BNA_M
ClientSampleId :
DCHJ0DL

Tgt Ion:128 Resp: 3448464

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.0	10.6	15.8

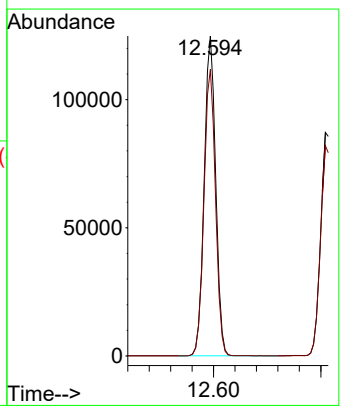


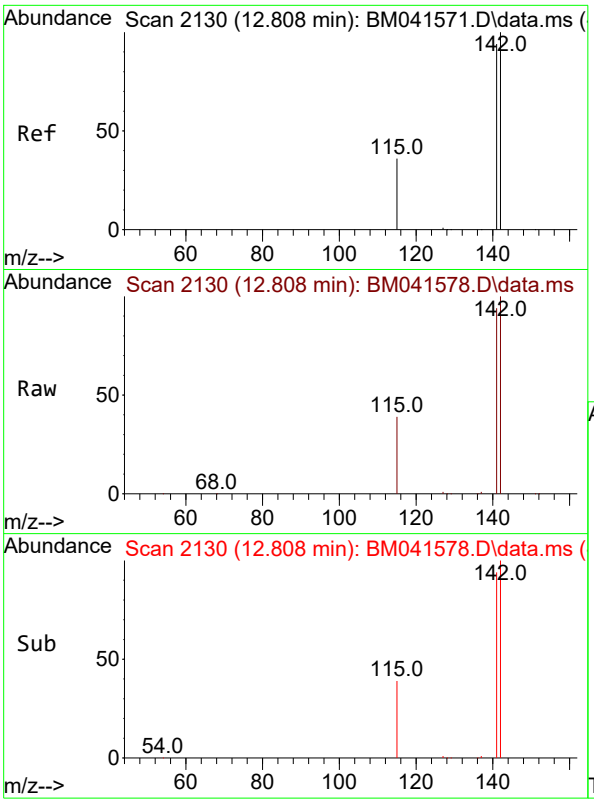


#7
2-Methylnaphthalene
Concen: 5.495 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Tgt Ion:142 Resp: 185185

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.8	107.8



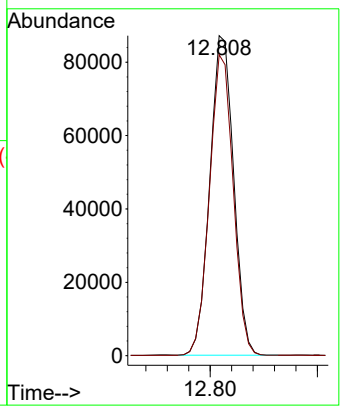


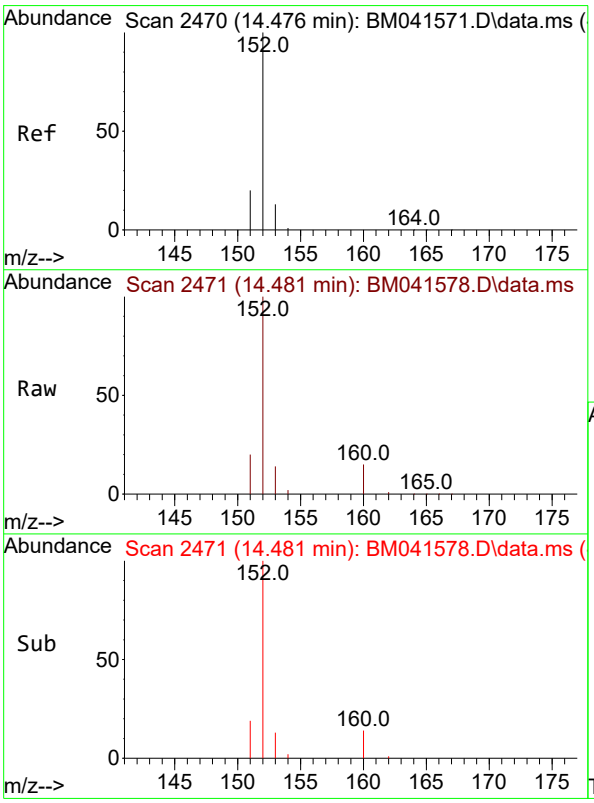
#8
1-Methylnaphthalene
Concen: 3.947 ng/ul
RT: 12.808 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Instrument :
BNA_M
ClientSampleId :
DCHJ0DL

Tgt Ion:142 Resp: 134401

Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.2

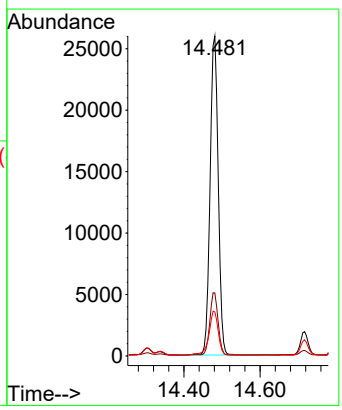


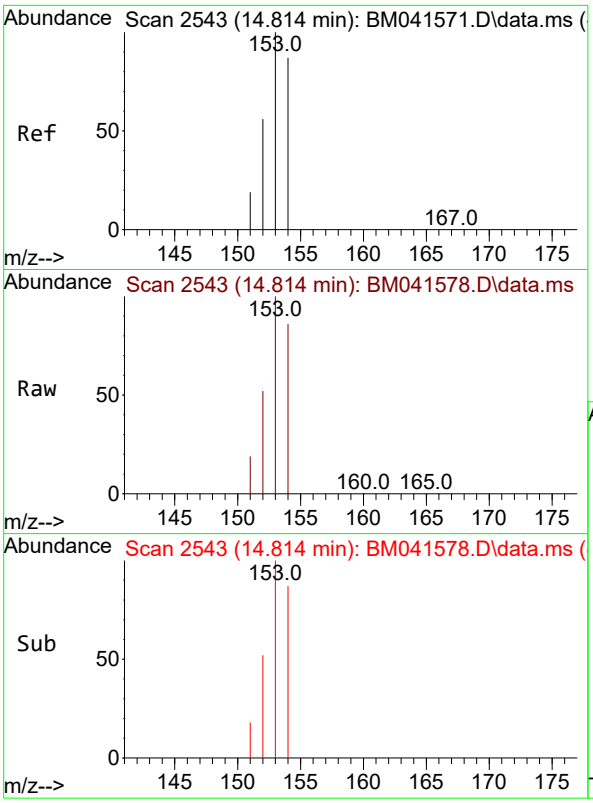


#10
Acenaphthylene
Concen: 0.590 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Tgt Ion:152 Resp: 38625

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.7	10.6	15.8



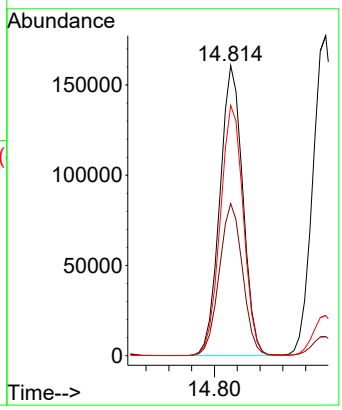


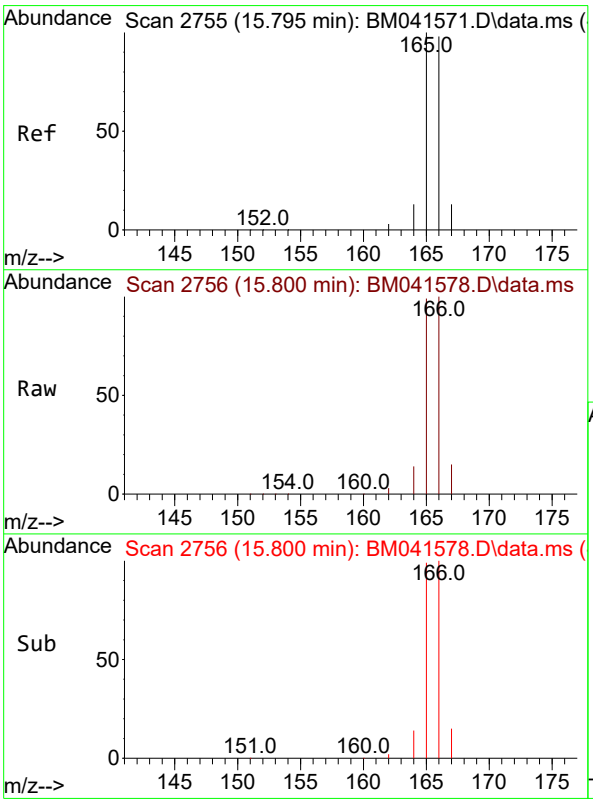
#11
Acenaphthene
Concen: 4.973 ng/ul
RT: 14.814 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Instrument :
BNA_M
ClientSampleId :
DCHJ0DL

Tgt Ion:153 Resp: 224560

Ion	Ratio	Lower	Upper
153	100		
152	52.4	43.4	65.2
154	86.2	70.2	105.2

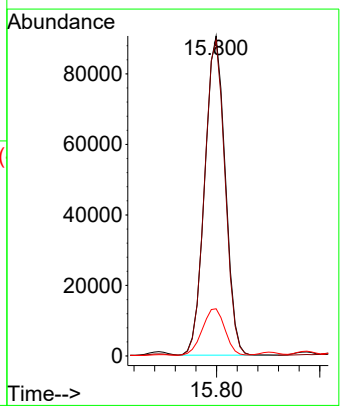


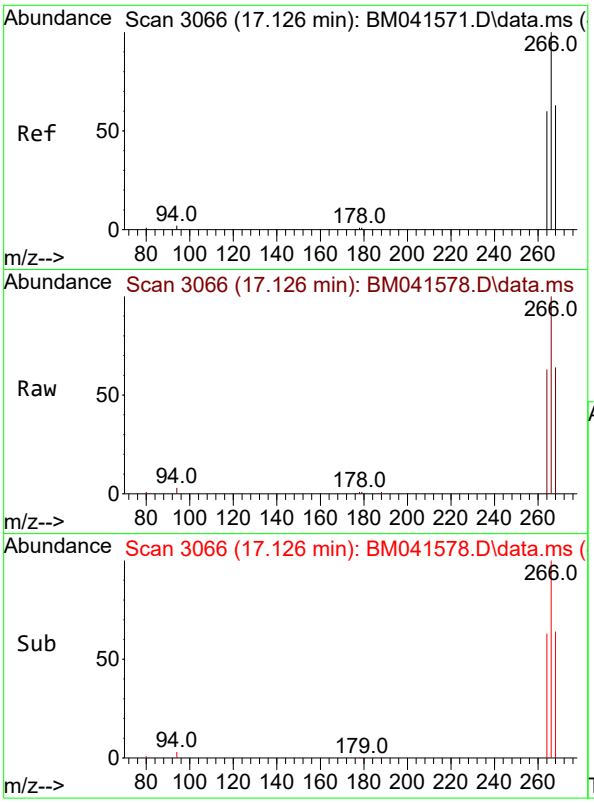


#12
Fluorene
Concen: 2.535 ng/ul
RT: 15.800 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Tgt Ion:166 Resp: 124573

Ion	Ratio	Lower	Upper
166	100		
165	98.7	82.2	123.2
167	14.7	11.5	17.3



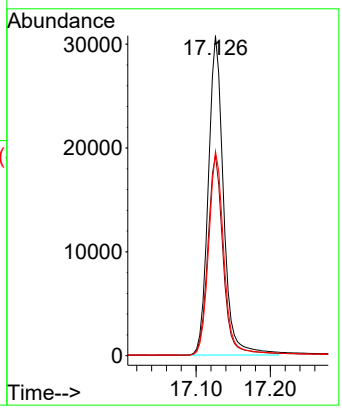


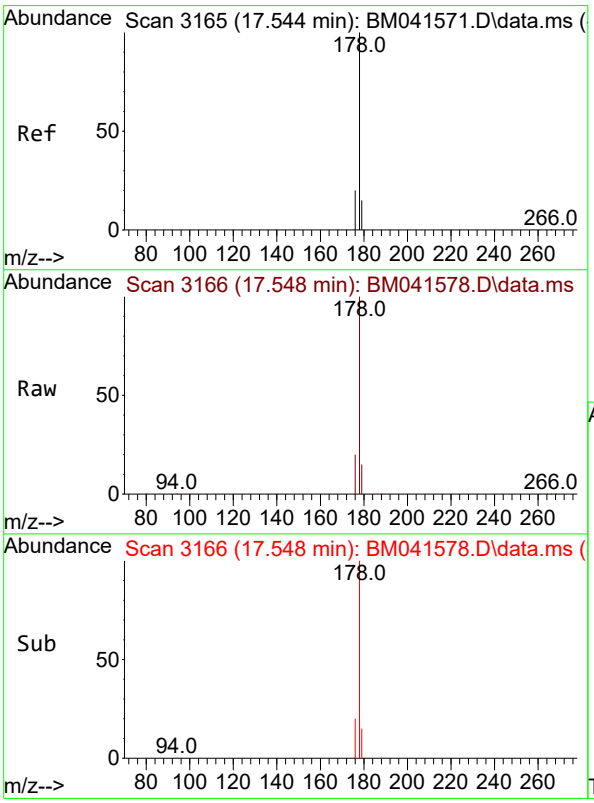
#14
Pentachlorophenol
Concen: 6.070 ng/ul
RT: 17.126 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Instrument :
BNA_M
ClientSampleId :
DCHJ0DL

Tgt Ion:266 Resp: 43912

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.3	73.9
268	64.0	50.2	75.4

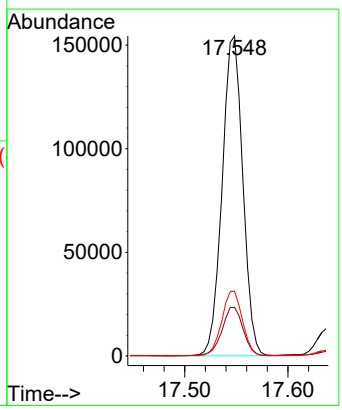


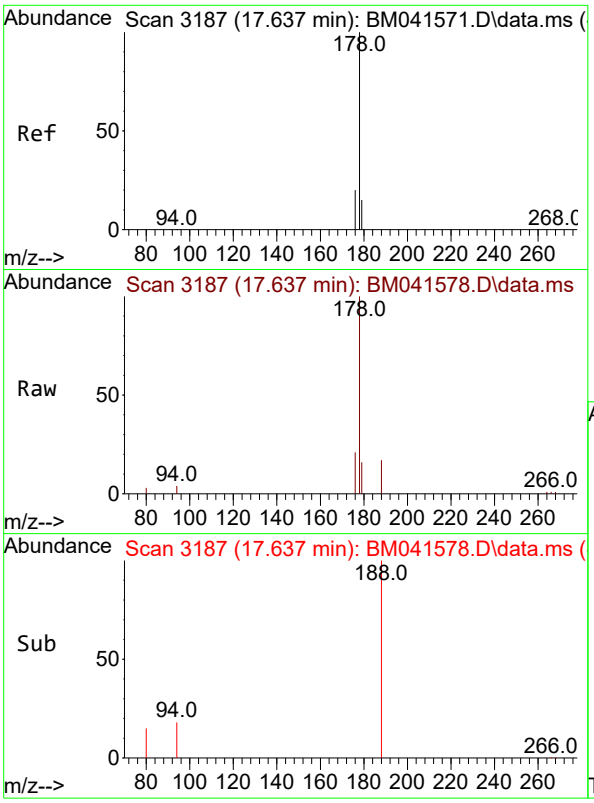


#15
Phenanthrene
Concen: 2.603 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Tgt Ion:178 Resp: 213983

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	20.3	16.2	24.4



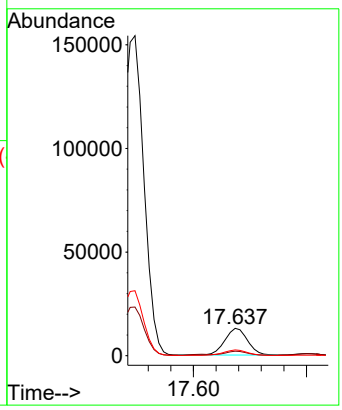


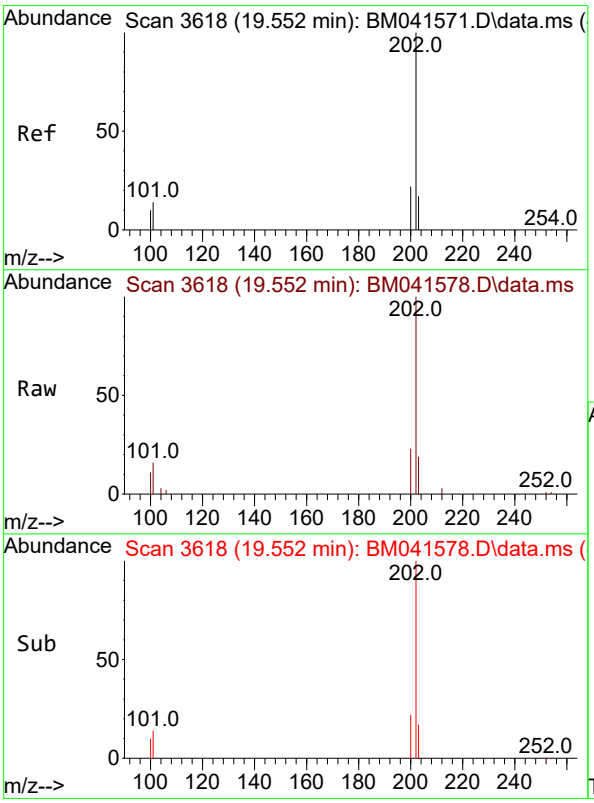
#16
Anthracene
Concen: 0.252 ng/ul
RT: 17.637 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Instrument :
BNA_M
ClientSampleId :
DCHJ0DL

Tgt Ion:178 Resp: 18002

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	20.9	15.6	23.4

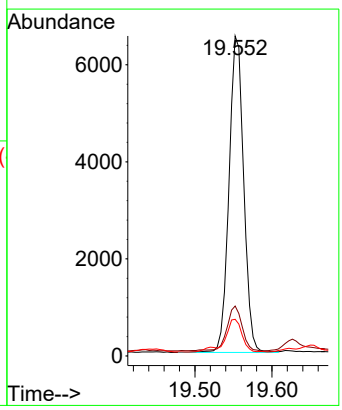


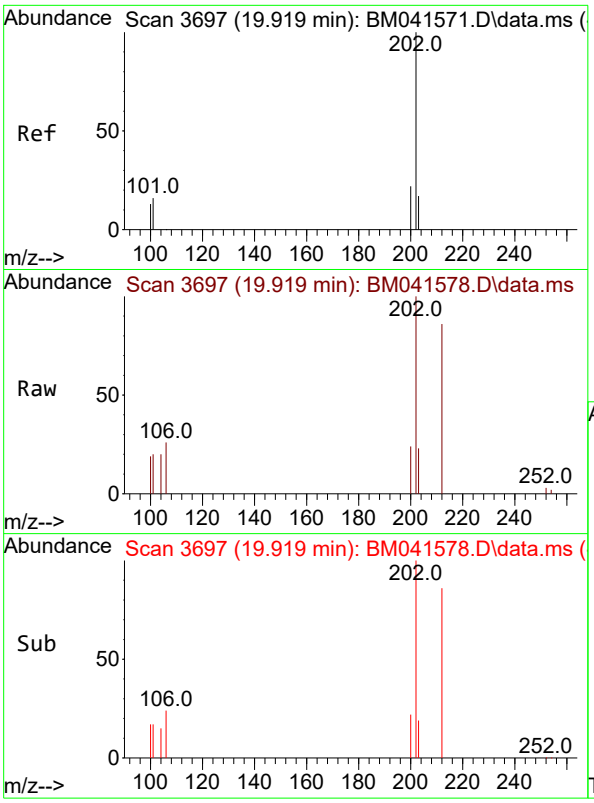


#19
Fluoranthene
Concen: 0.095 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.004 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Tgt Ion:202 Resp: 8651

Ion	Ratio	Lower	Upper
202	100		
101	15.6	10.7	16.1
100	11.5	8.1	12.1



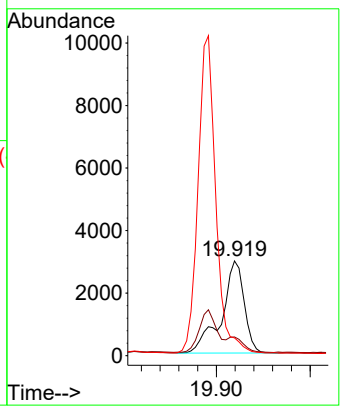


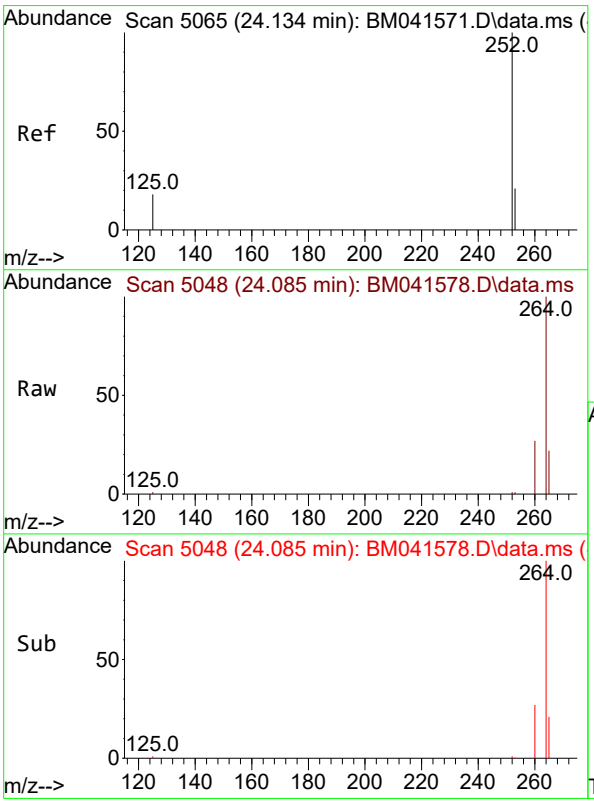
#20
Pyrene
Concen: 0.054 ng/ul
RT: 19.919 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Instrument :
BNA_M
ClientSampleId :
DCHJ0DL

Tgt Ion:202 Resp: 4946

Ion	Ratio	Lower	Upper
202	100		
101	19.8	12.2	18.4#
100	18.8	9.8	14.8#





#26
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 24.085 min Scan# 5048
Delta R.T. -0.052 min
Lab File: BM041578.D
Acq: 30 Aug 2023 13:57

Tgt Ion:252 Resp: 2547

Ion	Ratio	Lower	Upper
252	100		
253	50.7	20.9	31.3#
125	109.9	21.1	31.7#