Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041581.D
Acq On : 30 Aug 2023 15:50
Operator : MA/JU
Sample : 04134-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCHJ9

Quant Time: Aug 31 02:17:44 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	10185	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	26530	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	13361	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.506	188	24919	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	9988	0.400	ng/ul	0.00
23) Perylene-d12	24.254	264	12050	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	68221	4.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	11226	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	17758	0.360	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.999	128	981023	11.566	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	23166	0.481	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	242699	4.992	ng/ul	100
10) Acenaphthylene	14.481	152	114020	1.224	ng/ul	99
11) Acenaphthene	14.819	153	2305334	35.886	ng/ul	95
12) Fluorene	15.800	166	423316	6.054	ng/ul	96
14) Pentachlorophenol	17.126	266	36359	3.797	ng/ul	99
15) Phenanthrene	17.548	178	157704	1.449	ng/ul	99
16) Anthracene	17.641	178	42154	0.446	ng/ul#	91
19) Fluoranthene	19.557	202	25161	0.192	ng/ul	98
20) Pyrene	19.924	202	10100	0.077	ng/ul#	84
26) Benzo(a)pyrene	24.091	252	9675	0.097	ng/ul#	67

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

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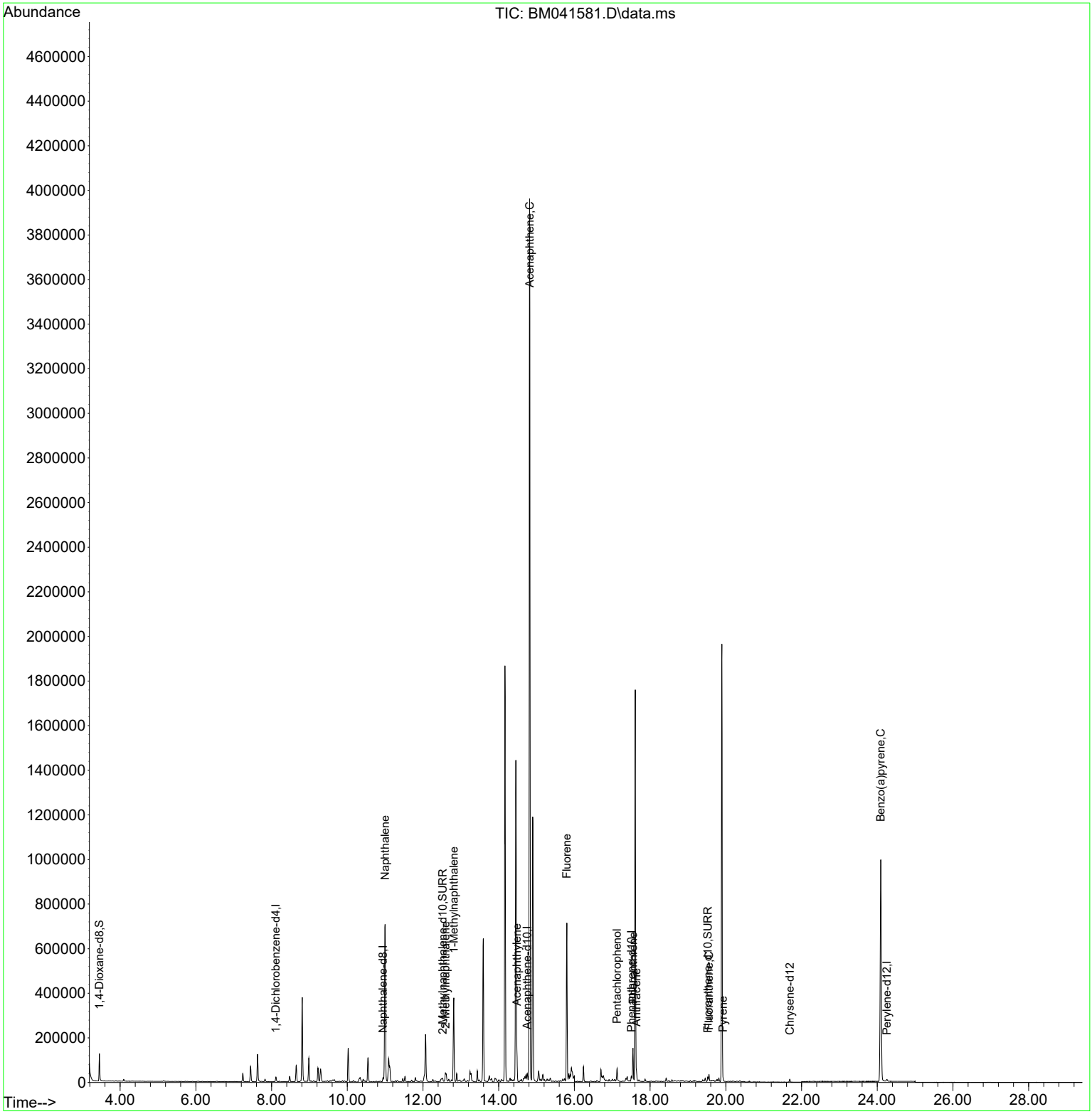
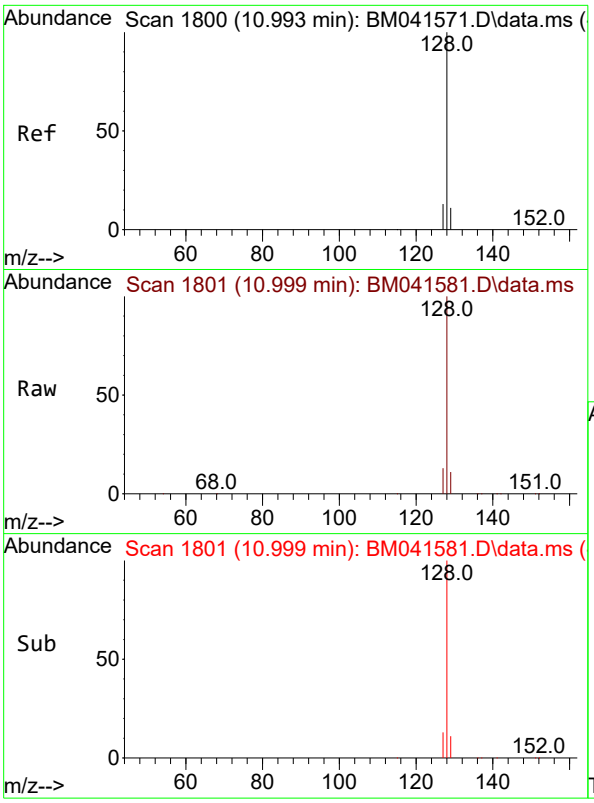


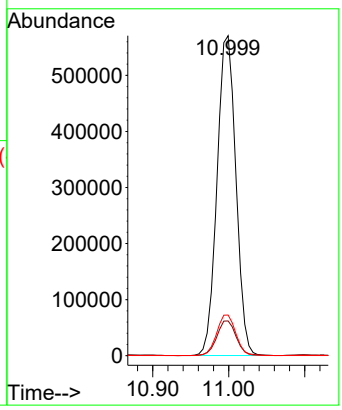


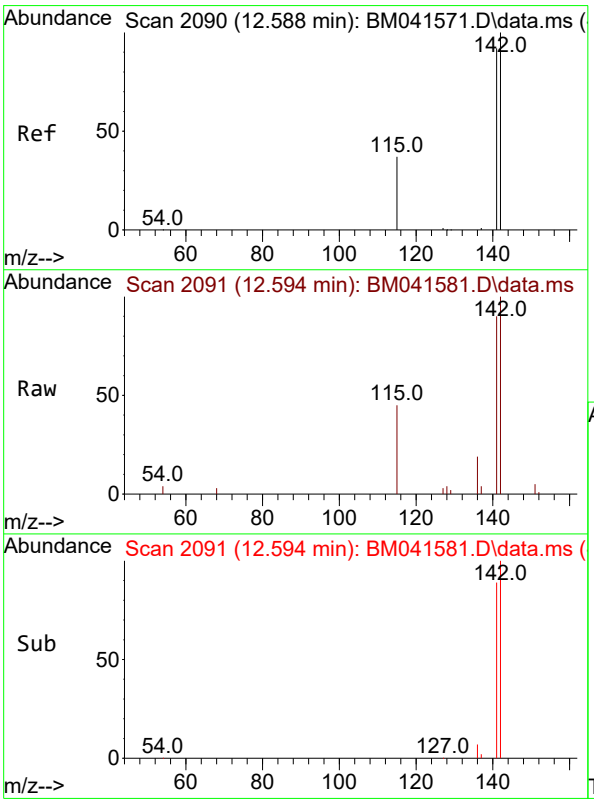
#5
Naphthalene
Concen: 11.566 ng/ul
RT: 10.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Instrument :
BNA_M
ClientSampleId :
DCHJ9

Tgt Ion:128 Resp: 981023

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.7	10.6	15.8

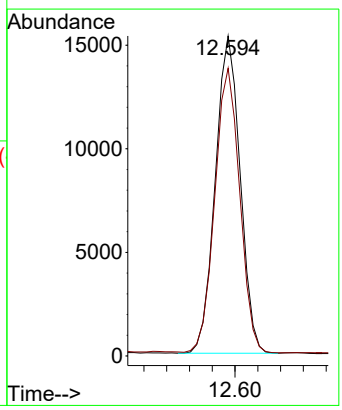


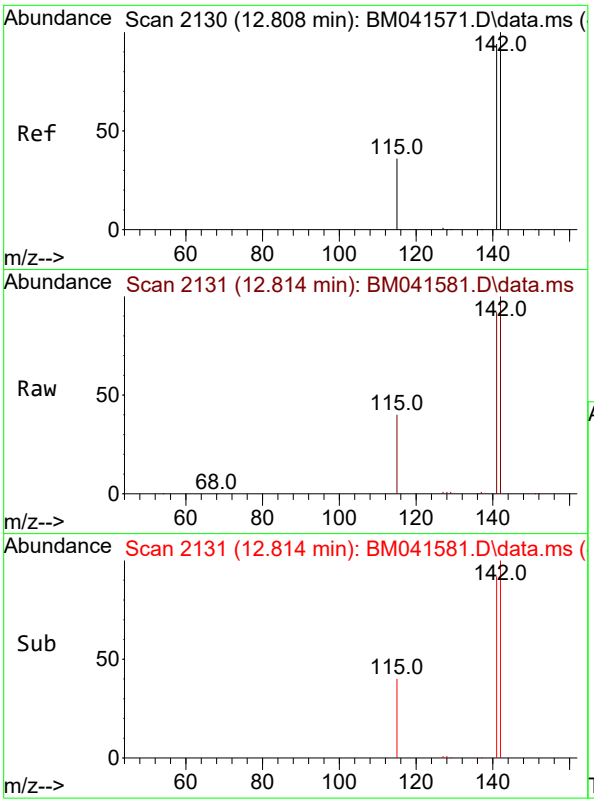


#7
2-Methylnaphthalene
Concen: 0.481 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Tgt Ion:142 Resp: 23166

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.8	107.8



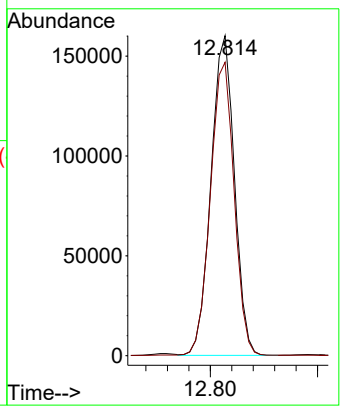


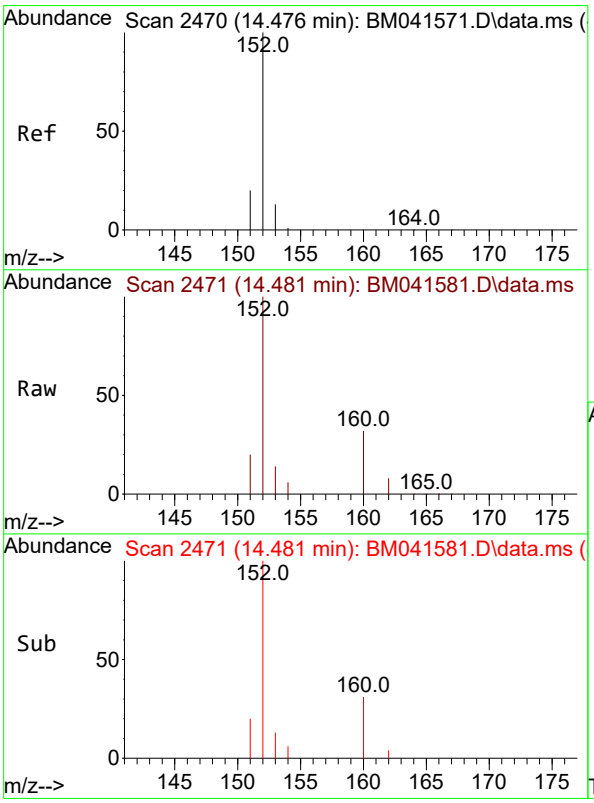
#8
1-Methylnaphthalene
Concen: 4.992 ng/ul
RT: 12.814 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Instrument :
BNA_M
ClientSampleId :
DCHJ9

Tgt Ion:142 Resp: 242699

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.2

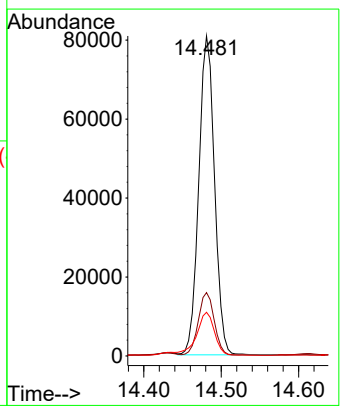


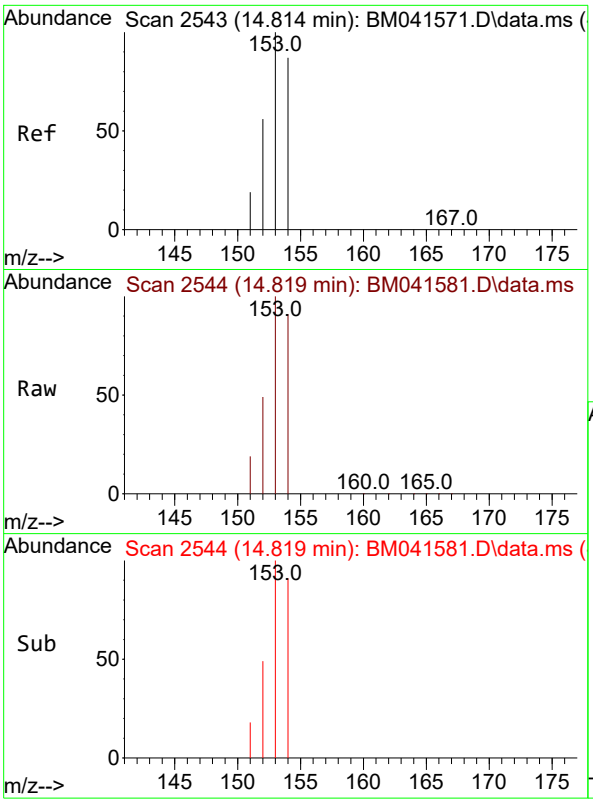


#10
Acenaphthylene
Concen: 1.224 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Tgt Ion:152 Resp: 114020

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.6	10.6	15.8



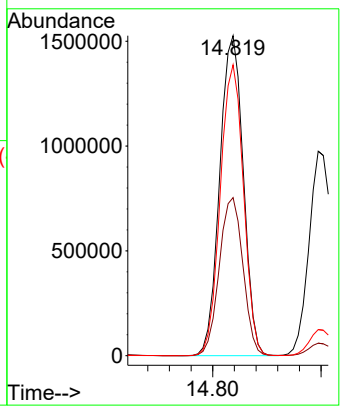


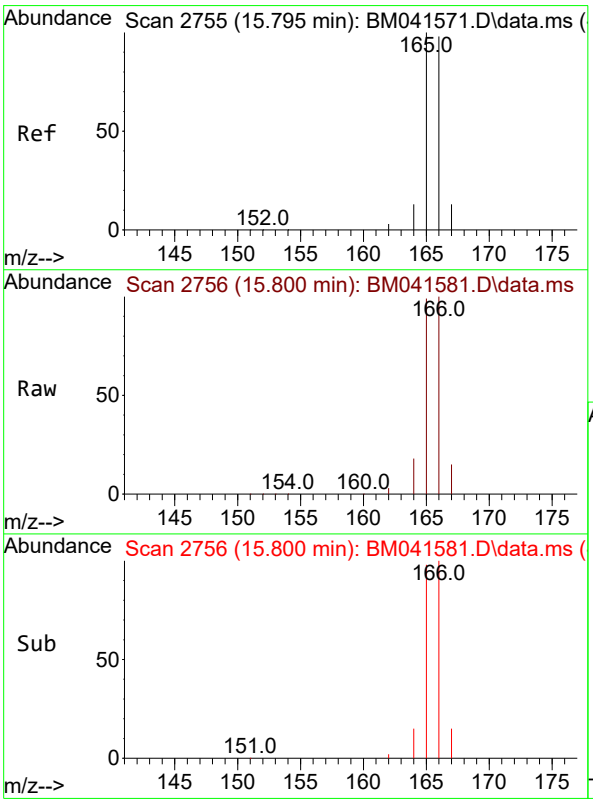
#11
Acenaphthene
Concen: 35.886 ng/ul
RT: 14.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Instrument :
BNA_M
ClientSampleId :
DCHJ9

Tgt Ion:153 Resp: 2305334

Ion	Ratio	Lower	Upper
153	100		
152	49.4	43.4	65.2
154	90.9	70.2	105.2

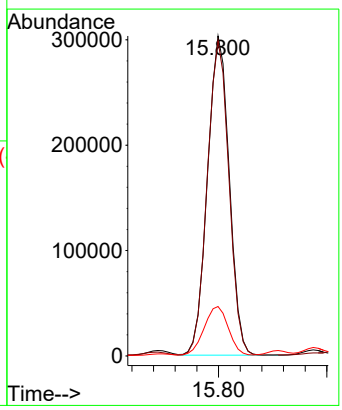


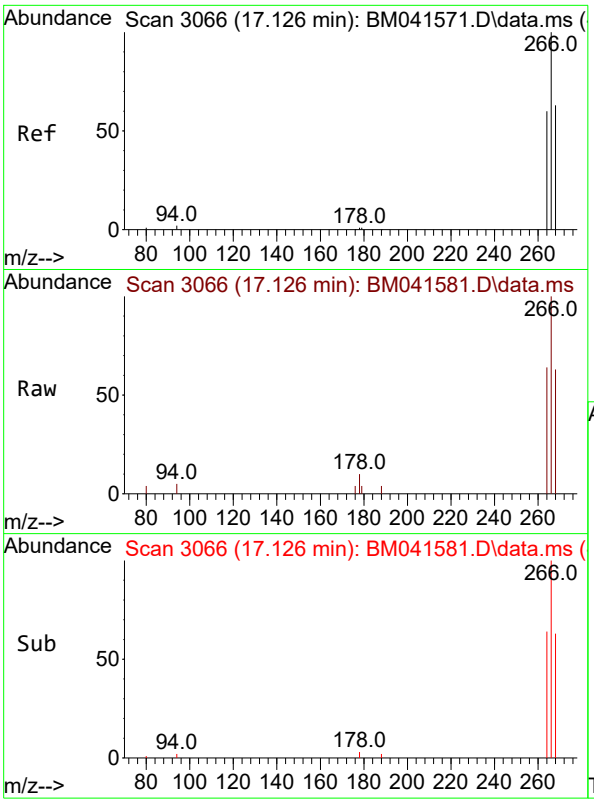


#12
Fluorene
Concen: 6.054 ng/ul
RT: 15.800 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Tgt Ion:166 Resp: 423316

Ion	Ratio	Lower	Upper
166	100		
165	98.5	82.2	123.2
167	15.4	11.5	17.3



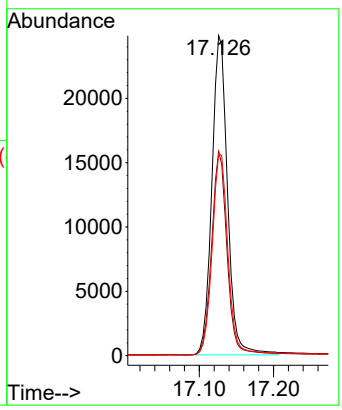


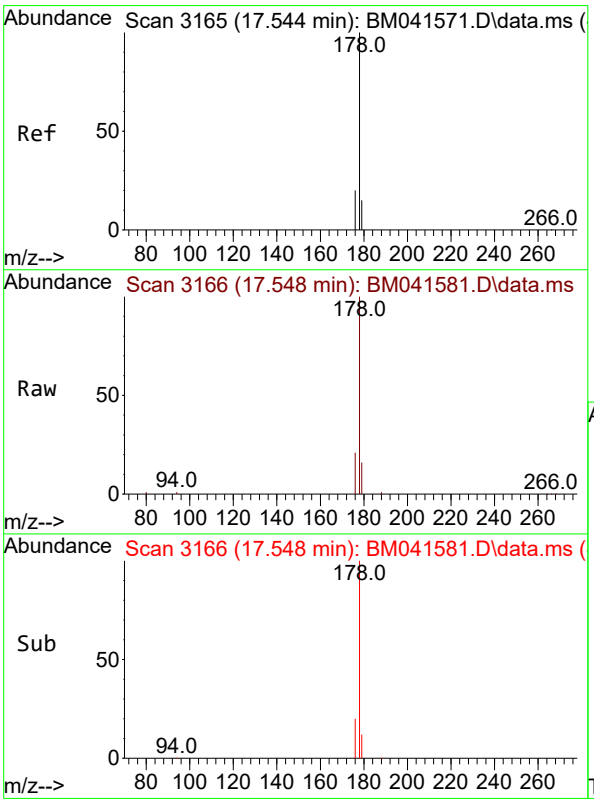
#14
Pentachlorophenol
Concen: 3.797 ng/ul
RT: 17.126 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Instrument :
BNA_M
ClientSampleId :
DCHJ9

Tgt Ion:266 Resp: 36359

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.3	73.9
268	63.6	50.2	75.4

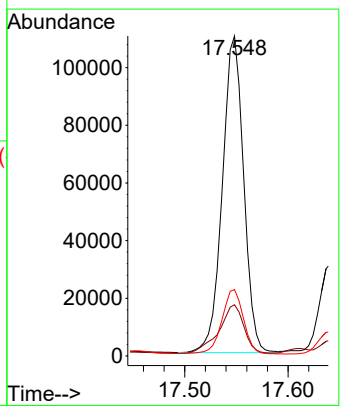


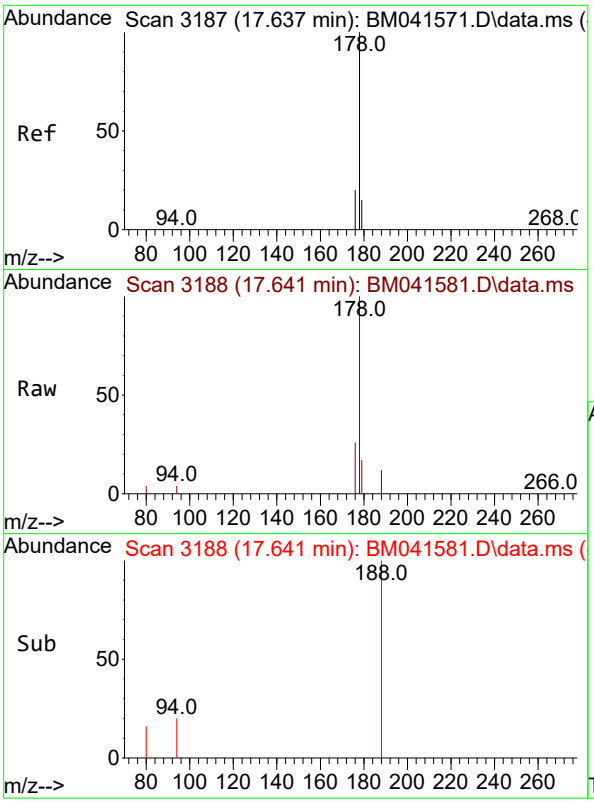


#15
Phenanthrene
Concen: 1.449 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Tgt Ion:178 Resp: 157704

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	20.8	16.2	24.4



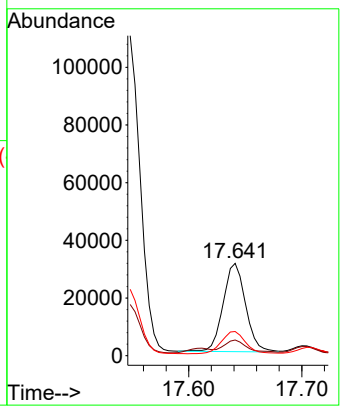


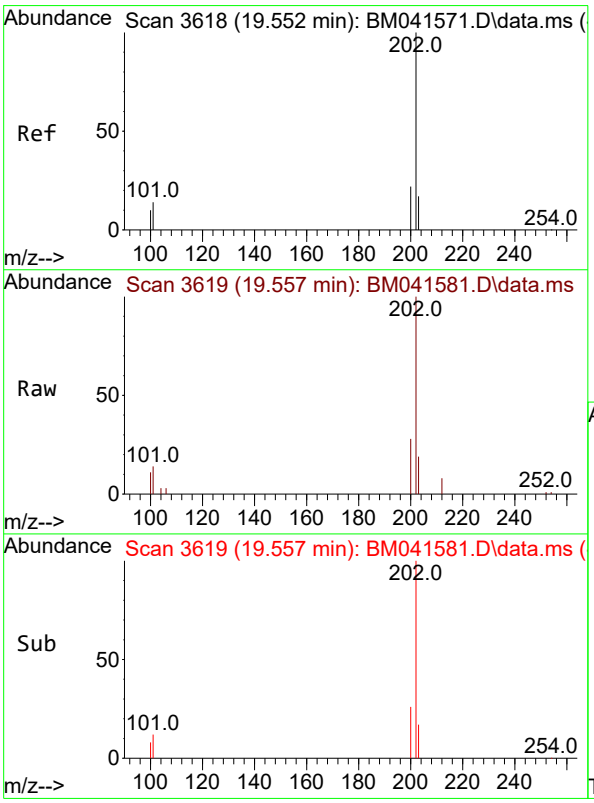
#16
Anthracene
Concen: 0.446 ng/ul
RT: 17.641 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Instrument :
BNA_M
ClientSampleId :
DCHJ9

Tgt Ion:178 Resp: 42154

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.9	19.3
176	26.1	15.6	23.4#

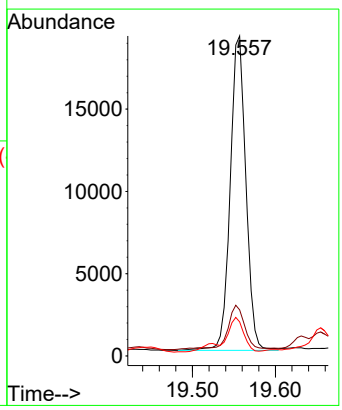


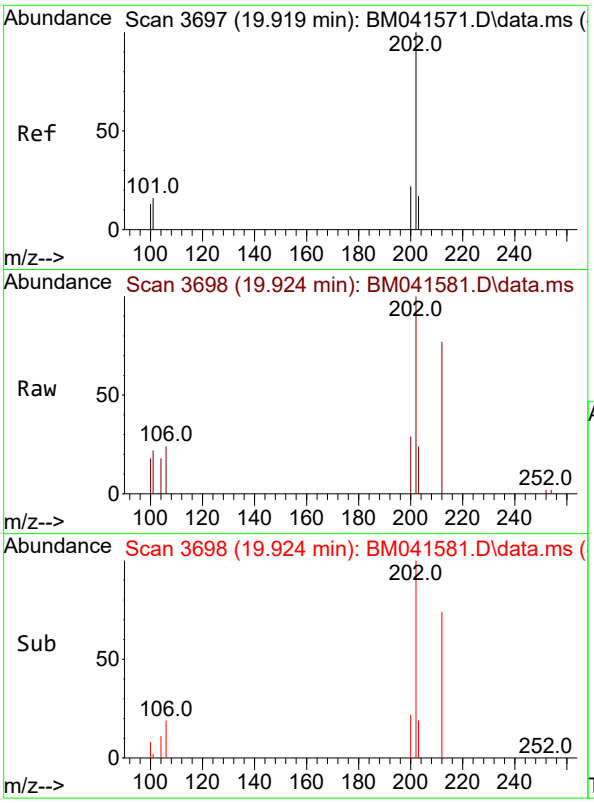


#19
Fluoranthene
Concen: 0.192 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Tgt Ion:202 Resp: 25161

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.7	16.1
100	10.6	8.1	12.1



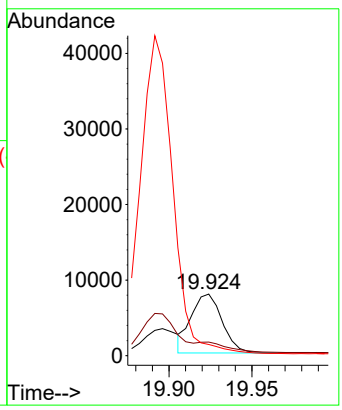


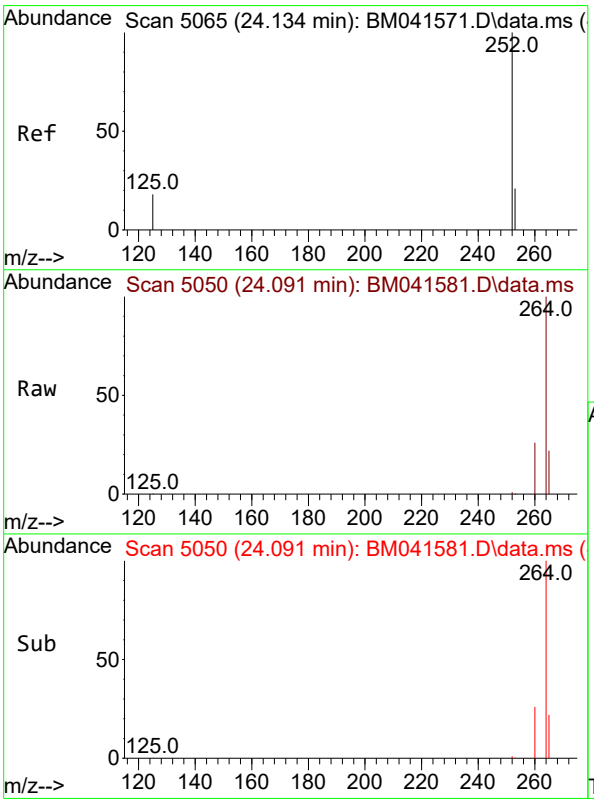
#20
Pyrene
Concen: 0.077 ng/ul
RT: 19.924 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Instrument :
BNA_M
ClientSampleId :
DCHJ9

Tgt Ion:202 Resp: 10100

Ion	Ratio	Lower	Upper
202	100		
101	22.1	12.2	18.4#
100	18.2	9.8	14.8#





#26
Benzo(a)pyrene
Concen: 0.097 ng/ul
RT: 24.091 min Scan# 5050
Delta R.T. -0.047 min
Lab File: BM041581.D
Acq: 30 Aug 2023 15:50

Tgt Ion:252 Resp: 9675

Ion	Ratio	Lower	Upper
252	100		
253	37.5	20.9	31.3#
125	48.6	21.1	31.7#