Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041585.D
Acq On : 30 Aug 2023 18:22
Operator : MA/JU
Sample : 04134-06DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCHJ9DL

Quant Time: Aug 31 02:18:20 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	6589	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	16767	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	8667	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.502	188	16011	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	6149	0.400	ng/ul	0.00
23) Perylene-d12	24.257	264	7190	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	43399	4.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	6878	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	10636	0.351	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.999	128	603994	11.267	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	14303	0.470	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	150908	4.911	ng/ul	99
10) Acenaphthylene	14.481	152	71570	1.185	ng/ul	99
11) Acenaphthene	14.819	153	1535286	36.843	ng/ul	95
12) Fluorene	15.800	166	266396	5.873	ng/ul	97
14) Pentachlorophenol	17.126	266	21219	3.449	ng/ul	99
15) Phenanthrene	17.544	178	95609	1.368	ng/ul	99
16) Anthracene	17.637	178	26067	0.429	ng/ul#	91
19) Fluoranthene	19.552	202	15129	0.188	ng/ul#	93
20) Pyrene	19.919	202	6046	0.075	ng/ul#	83
26) Benzo(a)pyrene	24.088	252	5806	0.098	ng/ul#	54

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

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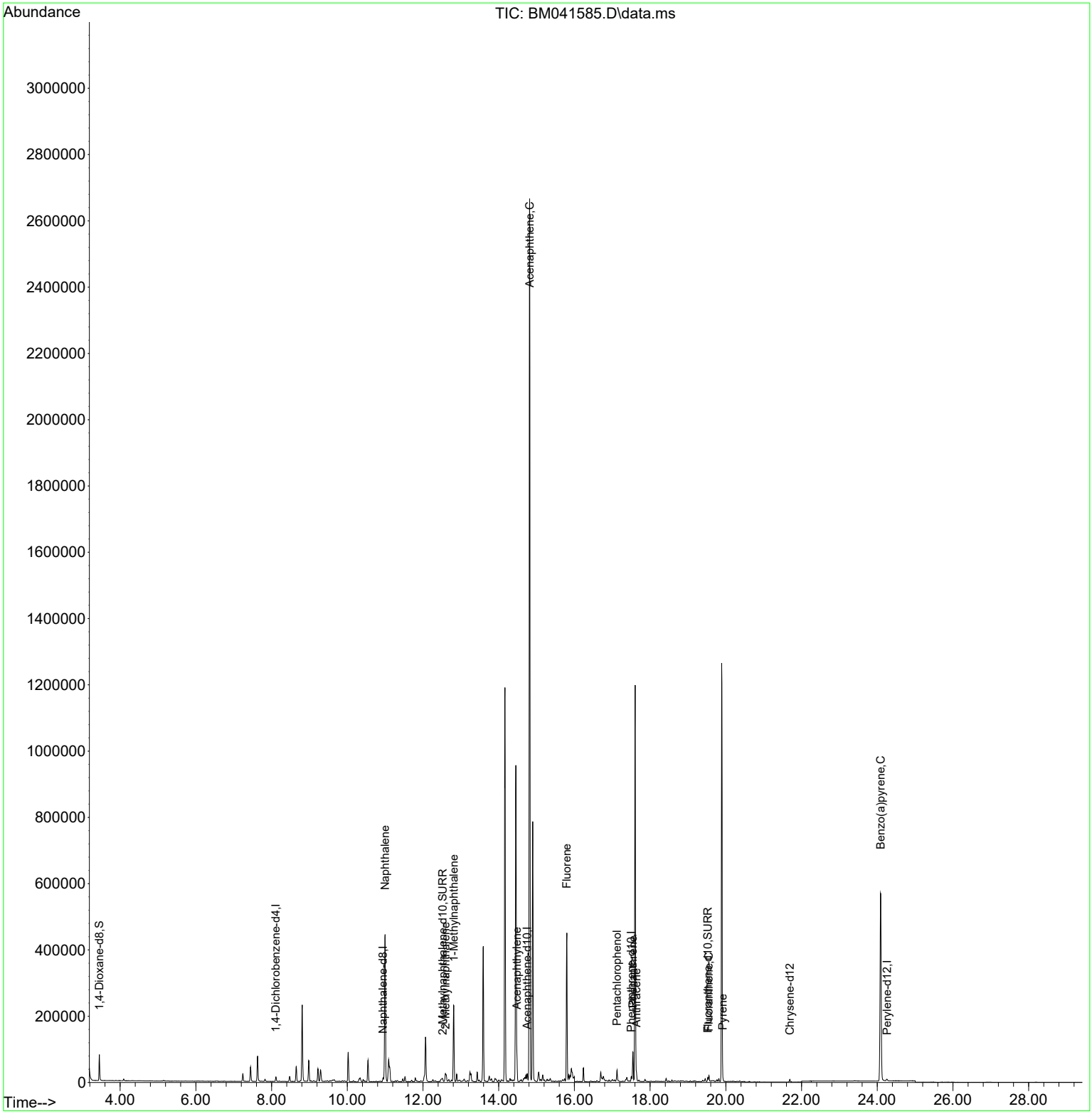
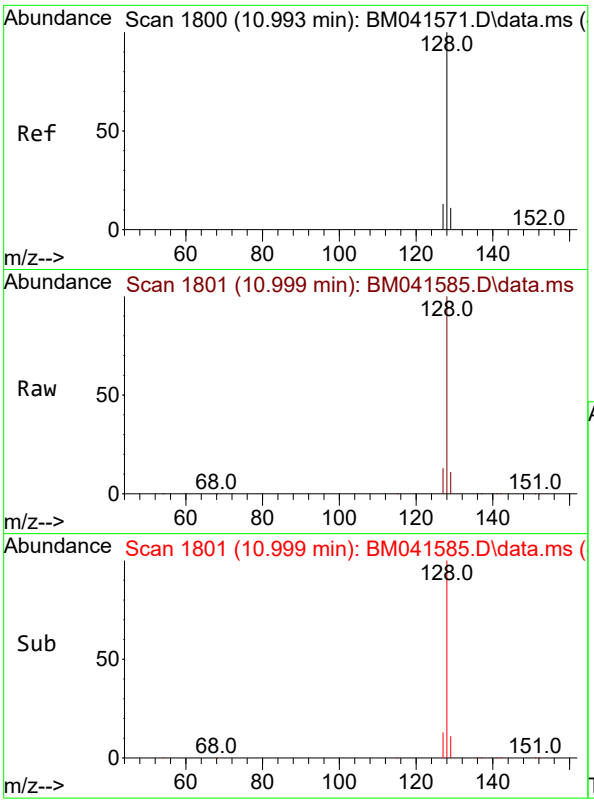


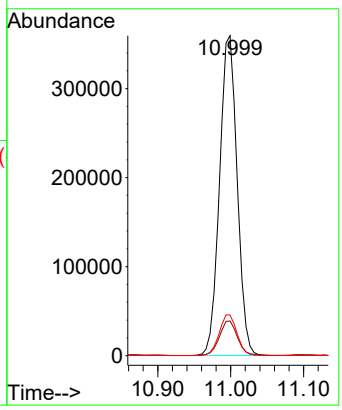


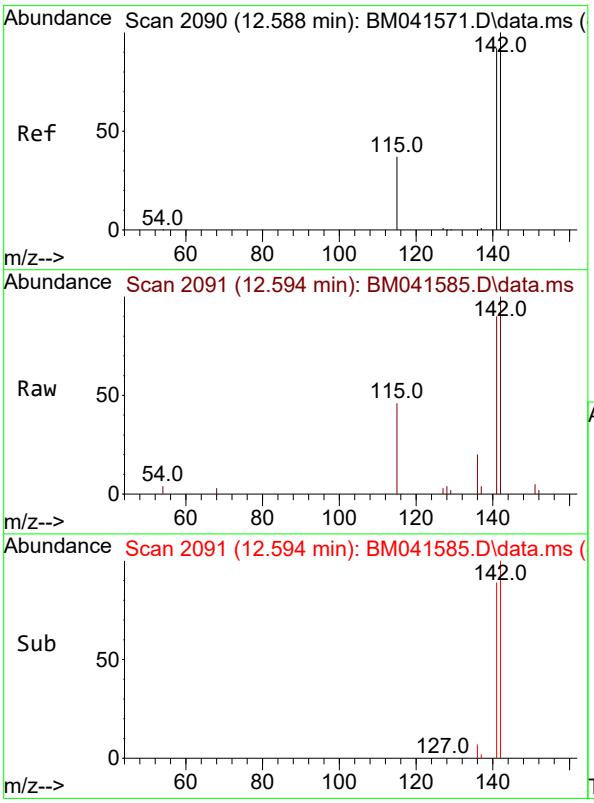
#5
Naphthalene
Concen: 11.267 ng/ul
RT: 10.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Instrument :
BNA_M
ClientSampleId :
DCHJ9DL

Tgt Ion:128 Resp: 603994

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

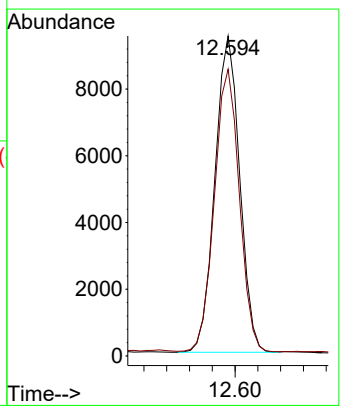


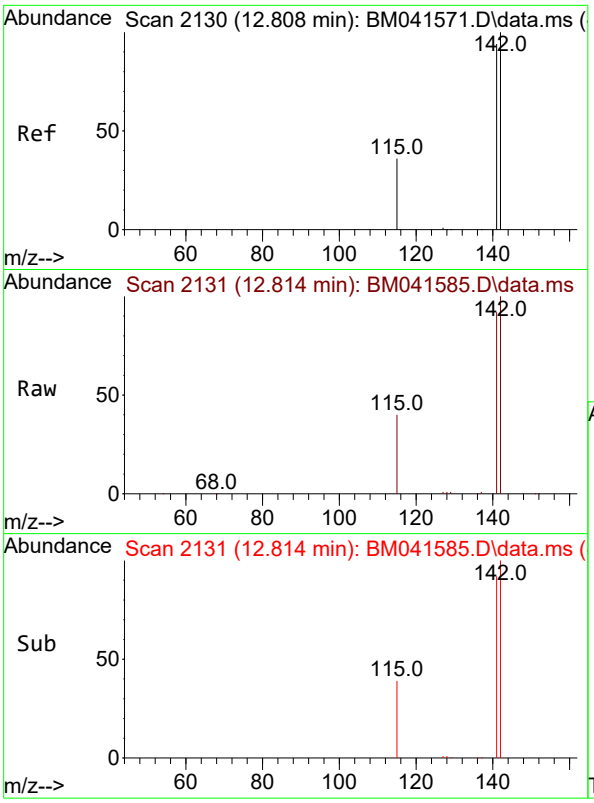


#7
2-Methylnaphthalene
Concen: 0.470 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Tgt Ion:142 Resp: 14303

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.8	107.8



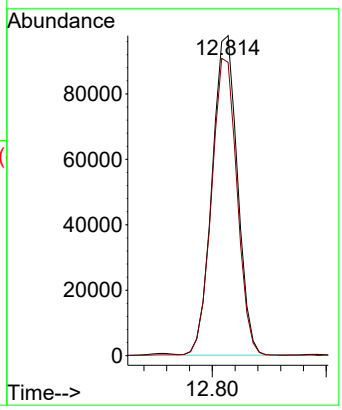


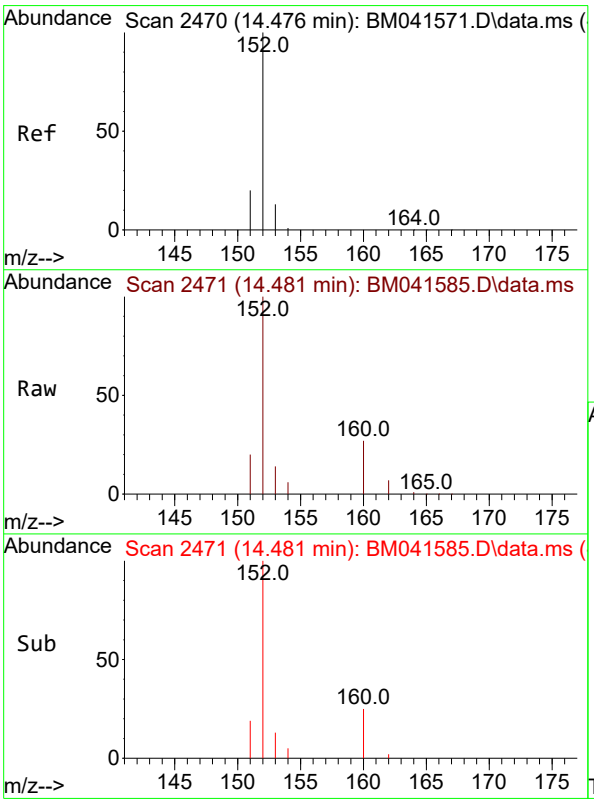
#8
1-Methylnaphthalene
Concen: 4.911 ng/ul
RT: 12.814 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Instrument :
BNA_M
ClientSampleId :
DCHJ9DL

Tgt Ion:142 Resp: 150908

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.2	111.2

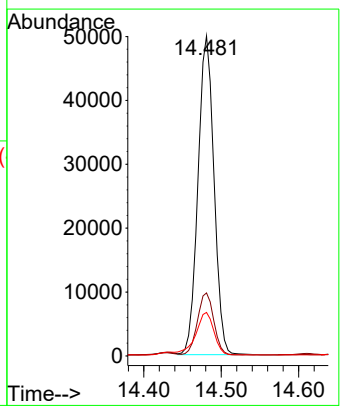


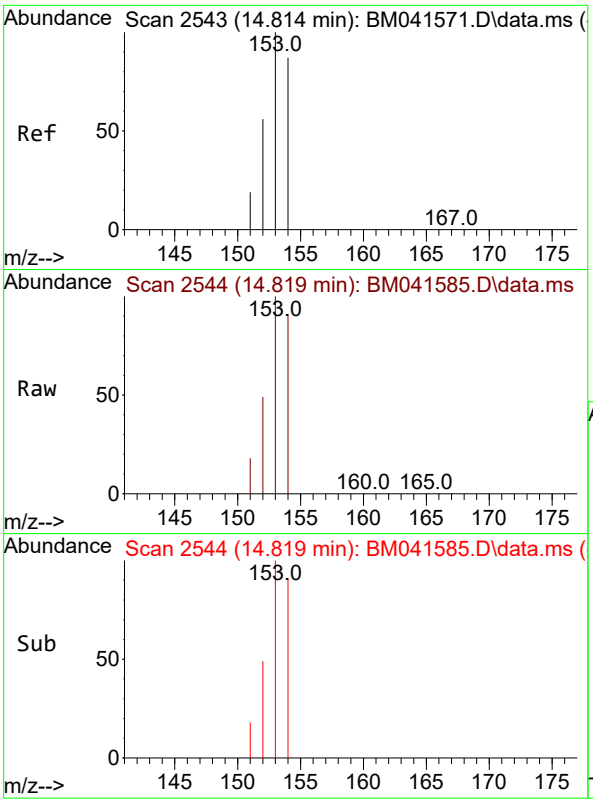


#10
Acenaphthylene
Concen: 1.185 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Tgt Ion:152 Resp: 71570

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.6	10.6	15.8



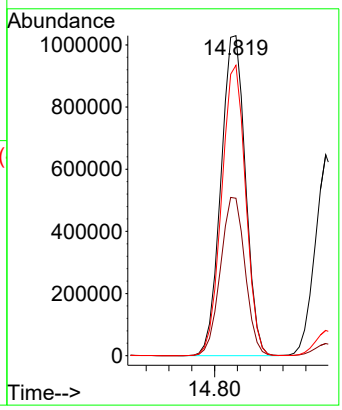


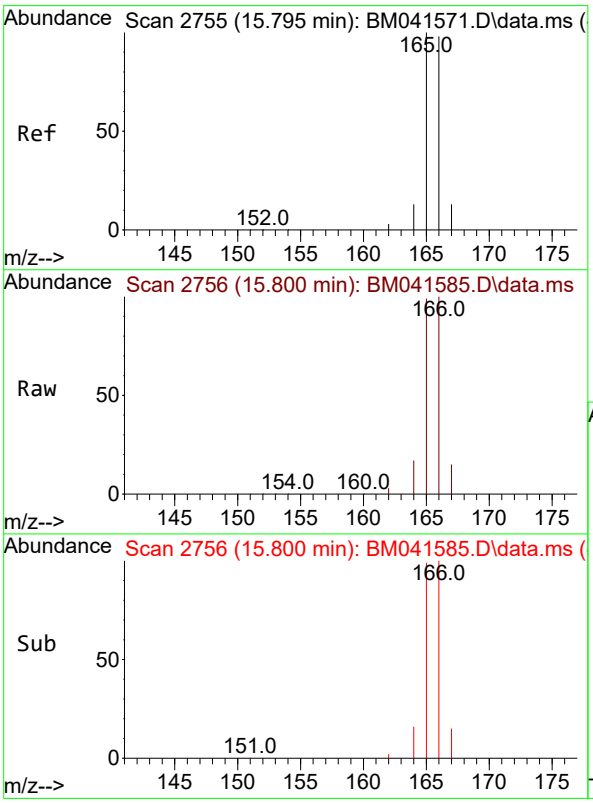
#11
Acenaphthene
Concen: 36.843 ng/ul
RT: 14.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Instrument :
BNA_M
ClientSampleId :
DCHJ9DL

Tgt Ion:153 Resp: 1535286

Ion	Ratio	Lower	Upper
153	100		
152	49.2	43.4	65.2
154	90.8	70.2	105.2

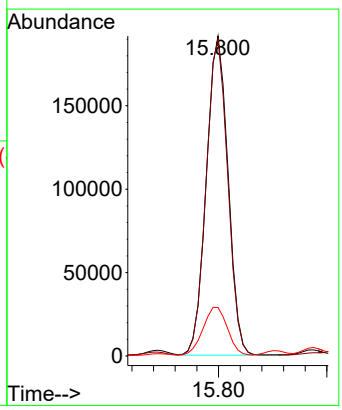


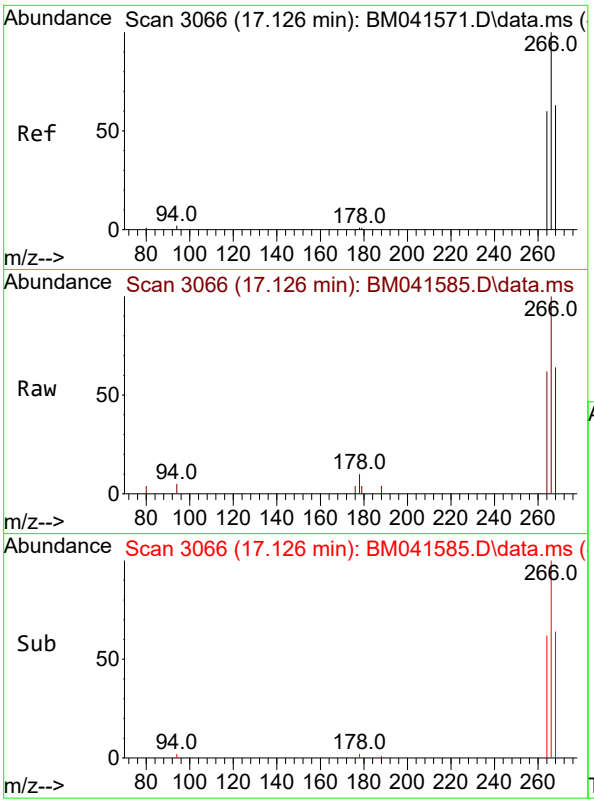


#12
Fluorene
Concen: 5.873 ng/ul
RT: 15.800 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Tgt Ion:166 Resp: 266396

Ion	Ratio	Lower	Upper
166	100		
165	99.0	82.2	123.2
167	15.2	11.5	17.3



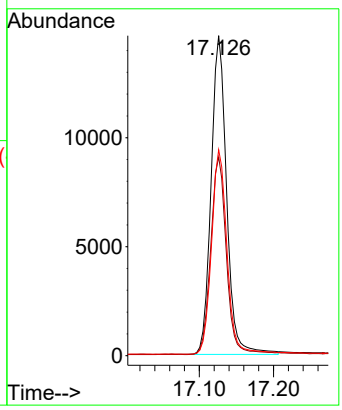


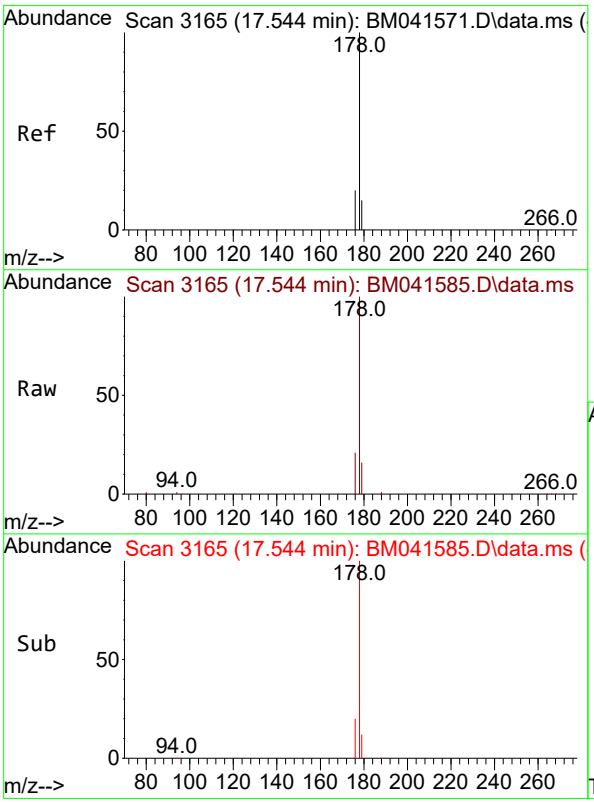
#14
Pentachlorophenol
Concen: 3.449 ng/ul
RT: 17.126 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Instrument :
BNA_M
ClientSampleId :
DCHJ9DL

Tgt Ion:266 Resp: 21219

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.3	73.9
268	64.1	50.2	75.4

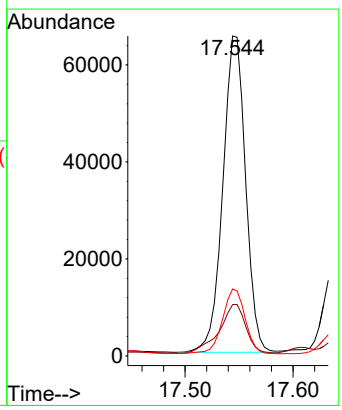


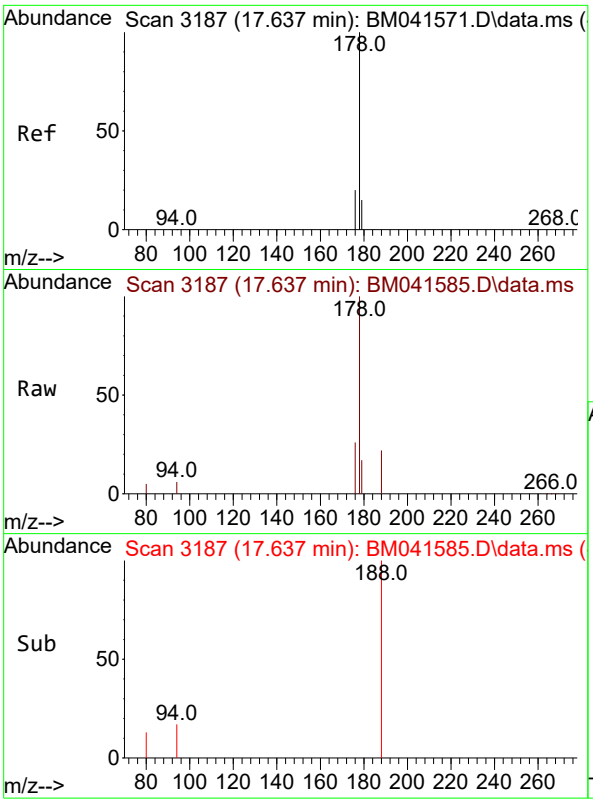


#15
Phenanthrene
Concen: 1.368 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Tgt Ion:178 Resp: 95609

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	21.0	16.2	24.4



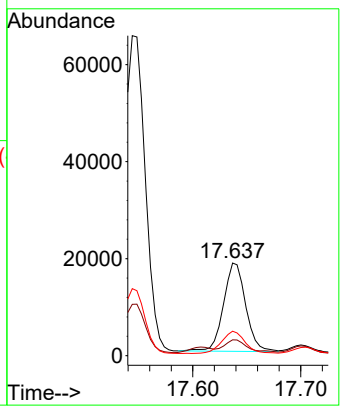


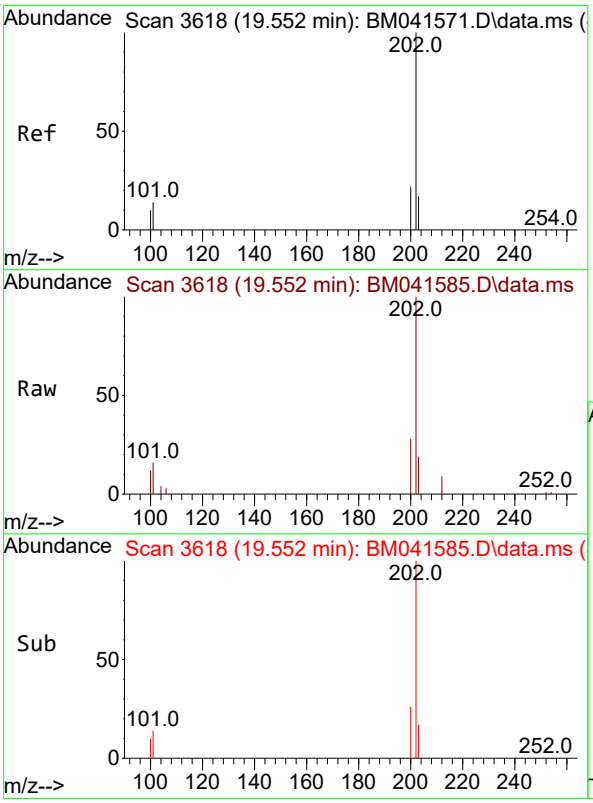
#16
Anthracene
Concen: 0.429 ng/ul
RT: 17.637 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Instrument :
BNA_M
ClientSampleId :
DCHJ9DL

Tgt Ion:178 Resp: 26067

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	26.4	15.6	23.4#

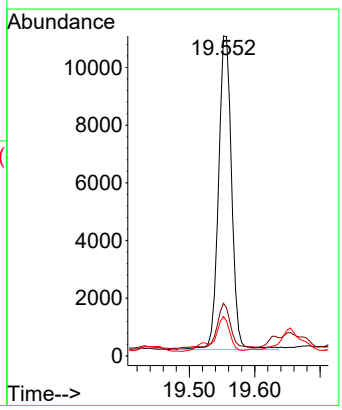


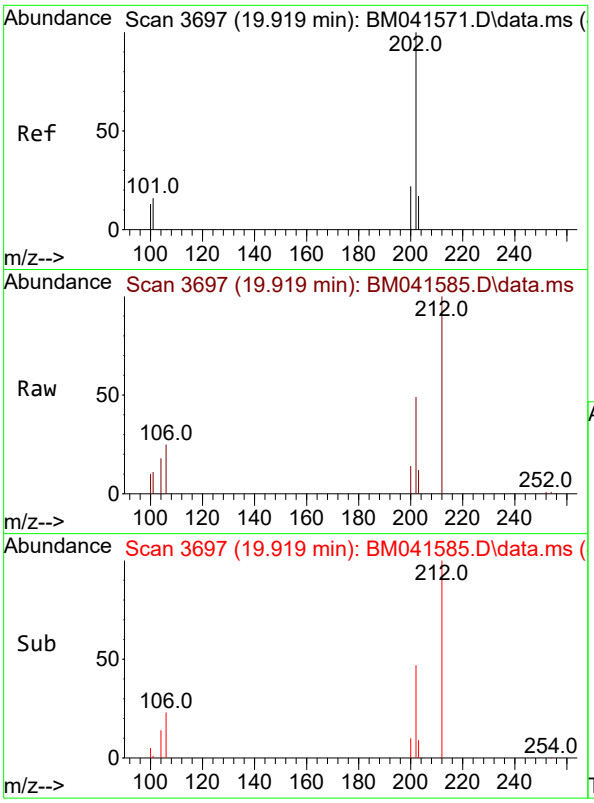


#19
Fluoranthene
Concen: 0.188 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Tgt Ion:202 Resp: 15129

Ion	Ratio	Lower	Upper
202	100		
101	16.4	10.7	16.1#
100	12.3	8.1	12.1#



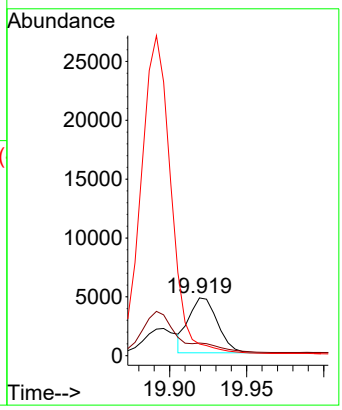


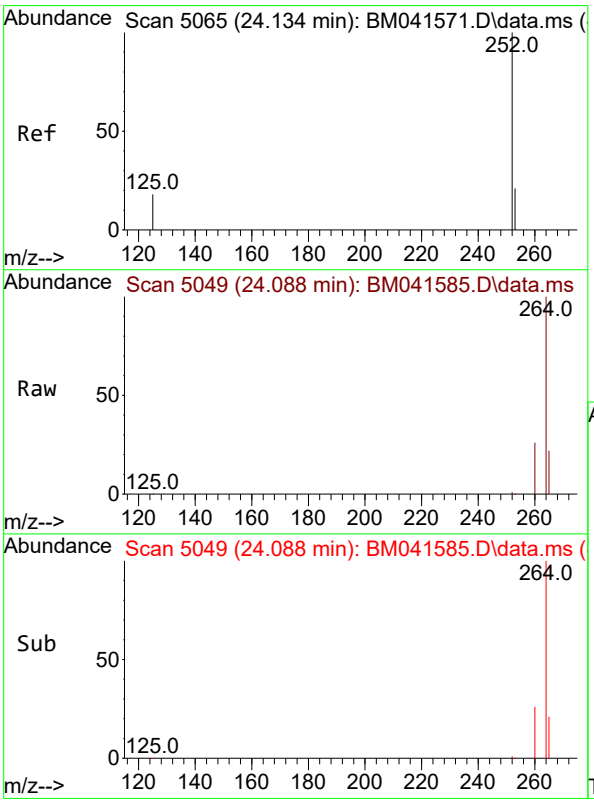
#20
Pyrene
Concen: 0.075 ng/ul
RT: 19.919 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Instrument :
BNA_M
ClientSampleId :
DCHJ9DL

Tgt Ion:202 Resp: 6046

Ion	Ratio	Lower	Upper
202	100		
101	21.7	12.2	18.4#
100	20.2	9.8	14.8#





#26
Benzo(a)pyrene
Concen: 0.098 ng/ul
RT: 24.088 min Scan# 5049
Delta R.T. -0.050 min
Lab File: BM041585.D
Acq: 30 Aug 2023 18:22

Tgt Ion:252 Resp: 5806

Ion	Ratio	Lower	Upper
252	100		
253	42.7	20.9	31.3#
125	57.0	21.1	31.7#