Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041611.D
Acq On : 31 Aug 2023 11:56
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCHK7

Quant Time: Sep 01 02:08:26 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	8.110	152	6463	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	16006	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	7248	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	15030	0.400	ng/ul	0.00
17) Chrysene-d12	21.685	240	5714	0.400	ng/ul	0.00
23) Perylene-d12	24.243	264	6865	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	43573	4.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	6284	0.325	ng/ul	-0.01
18) Fluoranthene-d10	19.520	212	10708	0.380	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.999	128	10586500	206.872	ng/ul	98
7) 2-Methylnaphthalene	12.588	142	121477	4.185	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	1293749	44.105	ng/ul	100
10) Acenaphthylene	14.477	152	115989	2.296	ng/ul	98
11) Acenaphthene	14.814	153	2364060	67.838	ng/ul	96
12) Fluorene	15.795	166	1346399	35.495	ng/ul	97
14) Pentachlorophenol	17.122	266	14383	2.490	ng/ul	99
15) Phenanthrene	17.540	178	1195368	18.215	ng/ul	99
16) Anthracene	17.633	178	102018	1.789	ng/ul	99
19) Fluoranthene	19.548	202	102416	1.367	ng/ul	99
20) Pyrene	19.915	202	49417	0.656	ng/ul	98
26) Benzo(a)pyrene	24.079	252	6988	0.123	ng/ul#	66

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

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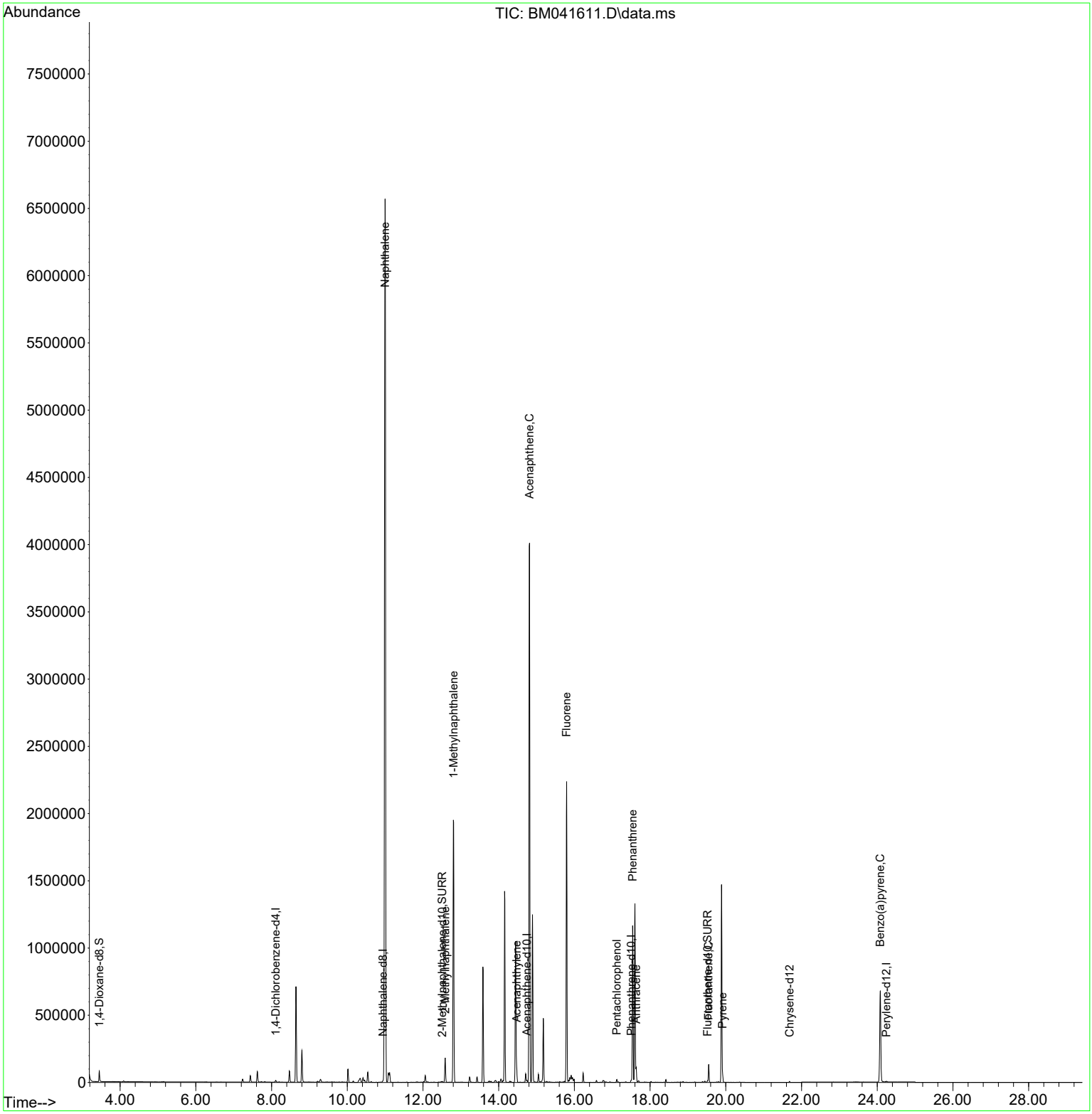
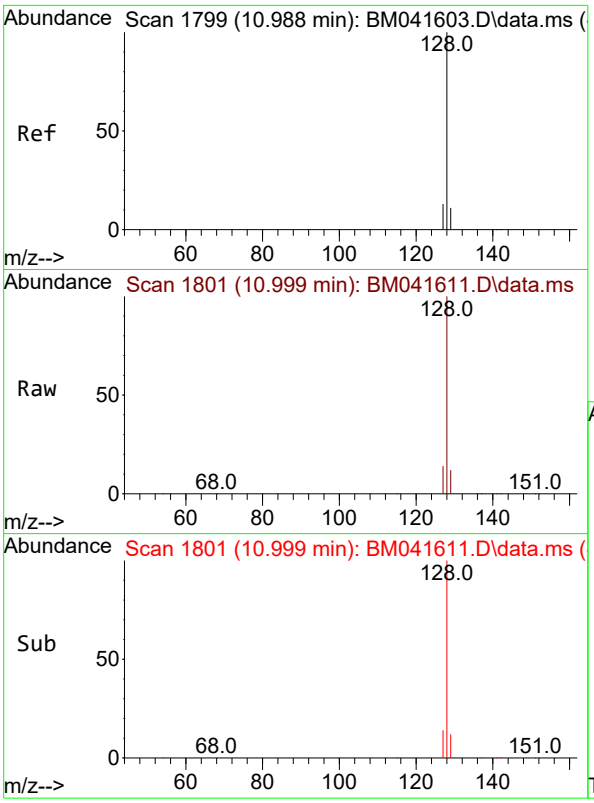


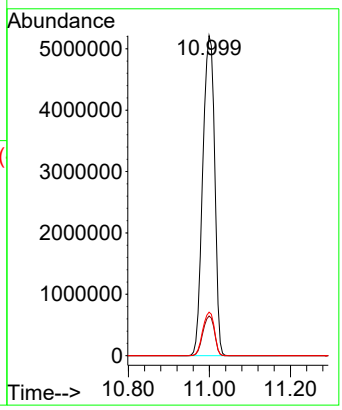


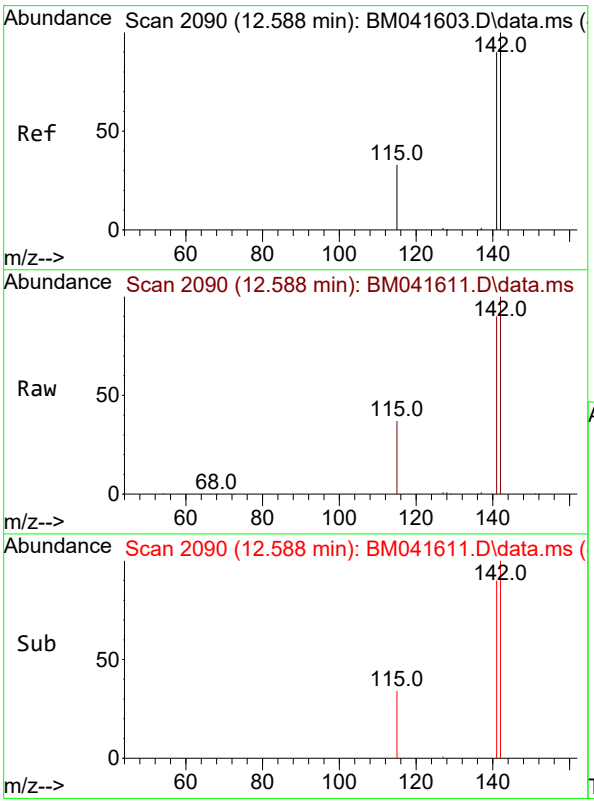
#5
Naphthalene
Concen: 206.872 ng/ul
RT: 10.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Instrument :
BNA_M
ClientSampleId :
DCHK7

Tgt Ion:128 Resp:10586500

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	13.6	10.6	15.8

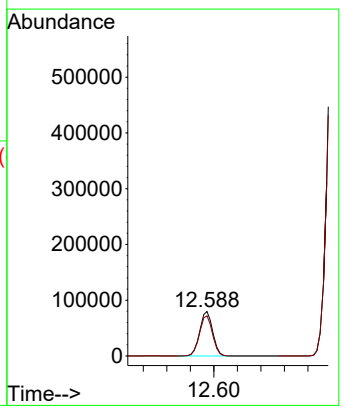


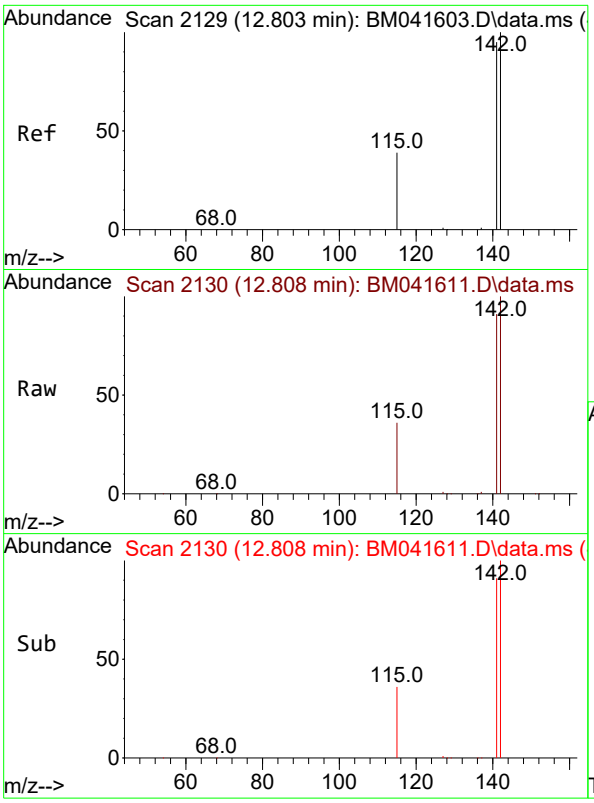


#7
2-Methylnaphthalene
Concen: 4.185 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Tgt Ion:142 Resp: 121477

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.8	107.8



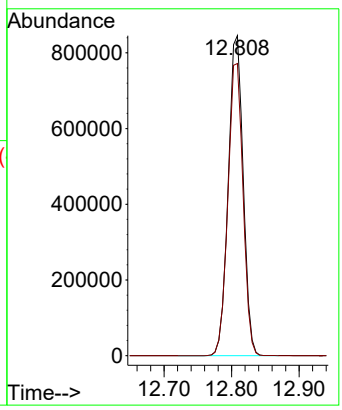


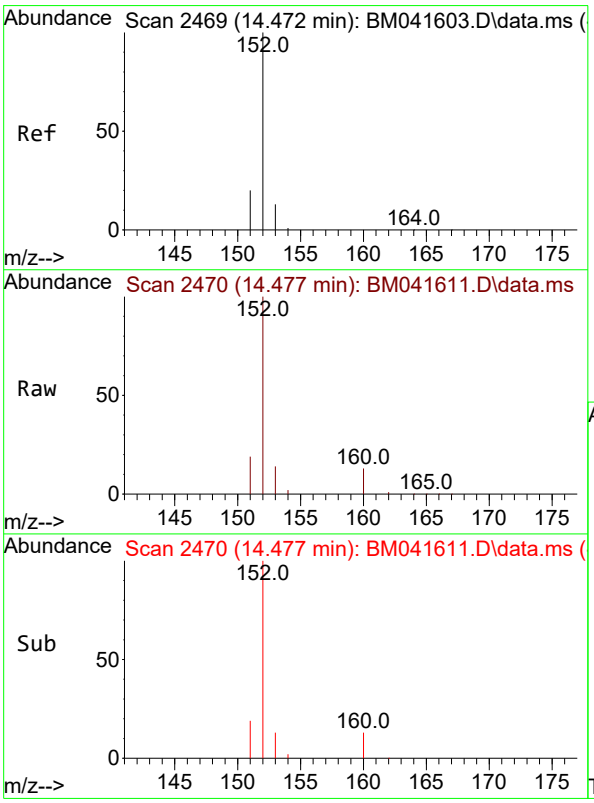
#8
1-Methylnaphthalene
Concen: 44.105 ng/ul
RT: 12.808 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Instrument :
BNA_M
ClientSampleId :
DCHK7

Tgt Ion:142 Resp: 1293749

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.2

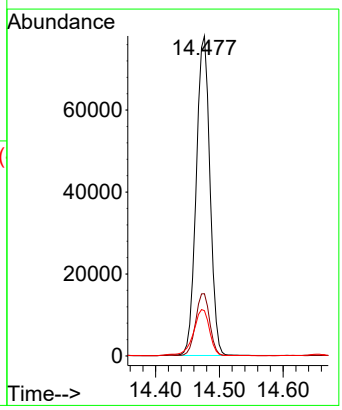


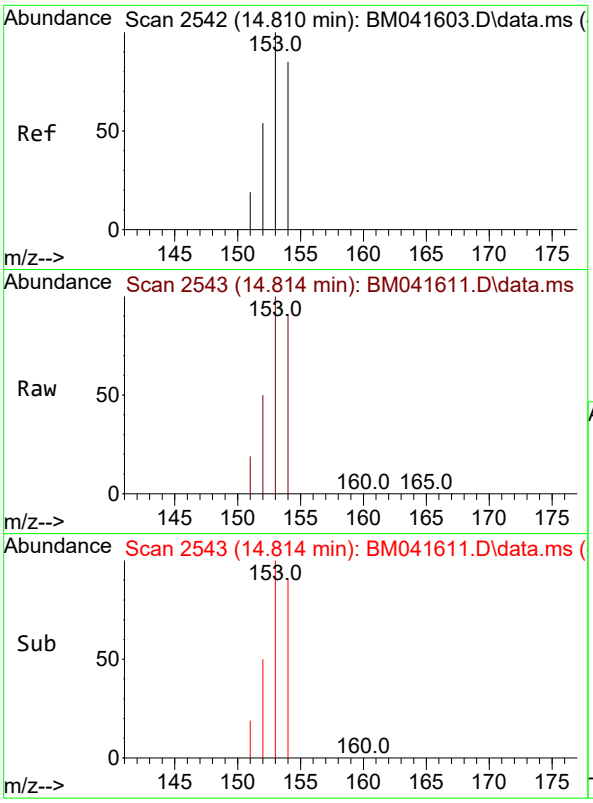


#10
Acenaphthylene
Concen: 2.296 ng/ul
RT: 14.477 min Scan# 2470
Delta R.T. -0.004 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Tgt Ion:152 Resp: 115989

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	14.1	10.6	15.8



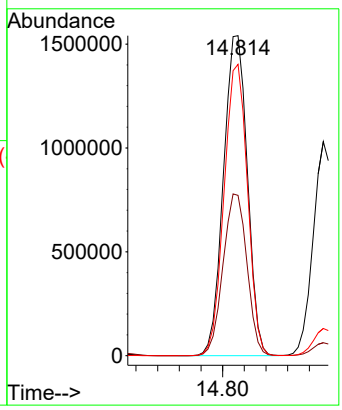


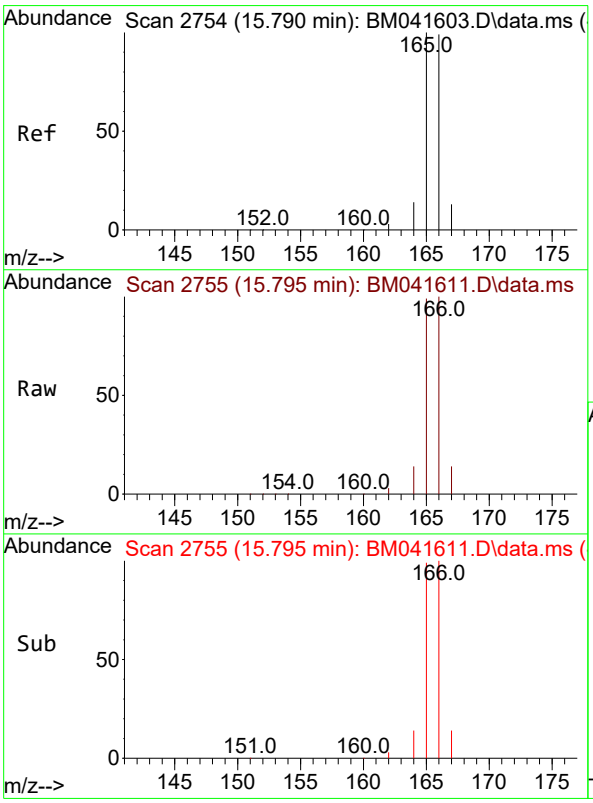
#11
Acenaphthene
Concen: 67.838 ng/ul
RT: 14.814 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Instrument :
BNA_M
ClientSampleId :
DCHK7

Tgt Ion:153 Resp: 2364060

Ion	Ratio	Lower	Upper
153	100		
152	50.1	43.4	65.2
154	91.0	70.2	105.2

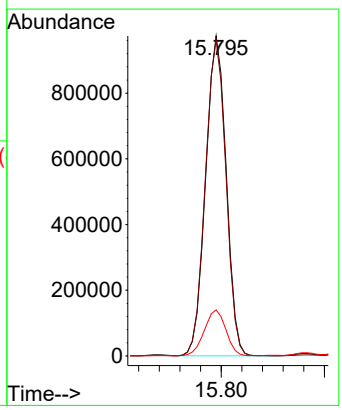


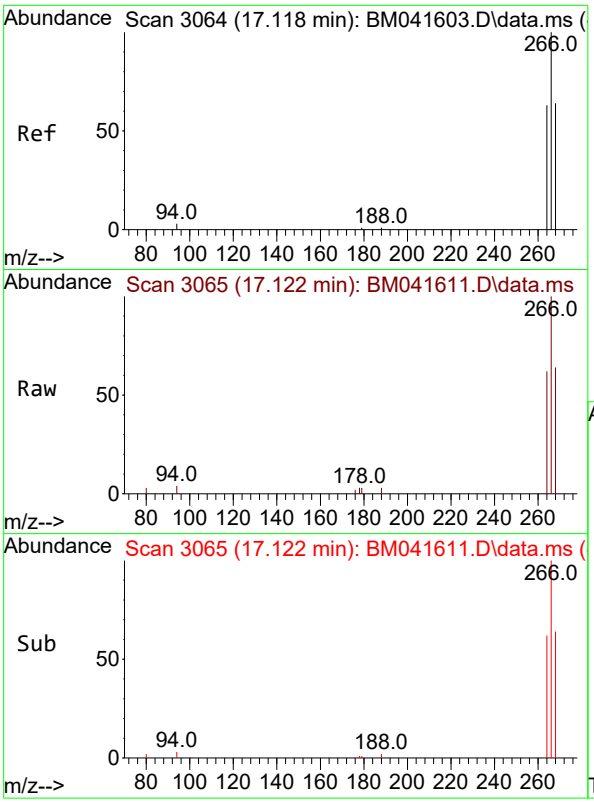


#12
Fluorene
Concen: 35.495 ng/ul
RT: 15.795 min Scan# 2755
Delta R.T. -0.004 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Tgt Ion:166 Resp: 1346399

Ion	Ratio	Lower	Upper
166	100		
165	98.7	82.2	123.2
167	14.4	11.5	17.3



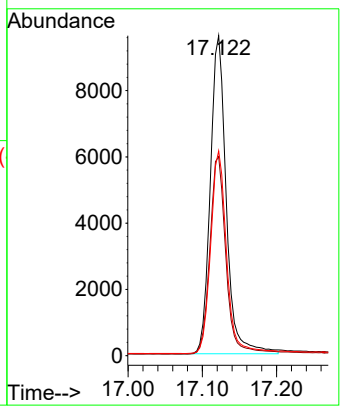


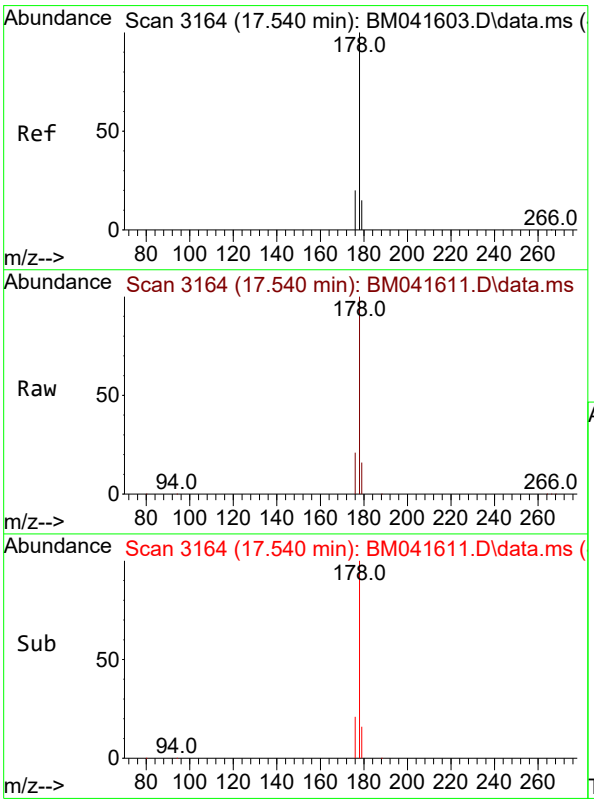
#14
Pentachlorophenol
Concen: 2.490 ng/ul
RT: 17.122 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Instrument :
BNA_M
ClientSampleId :
DCHK7

Tgt Ion:266 Resp: 14383

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.3	73.9
268	63.7	50.2	75.4

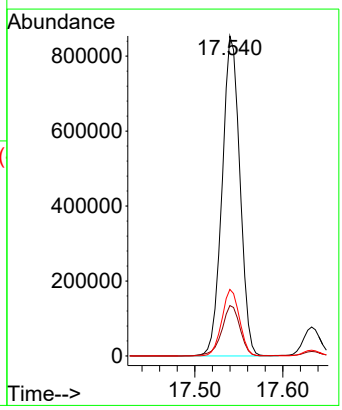


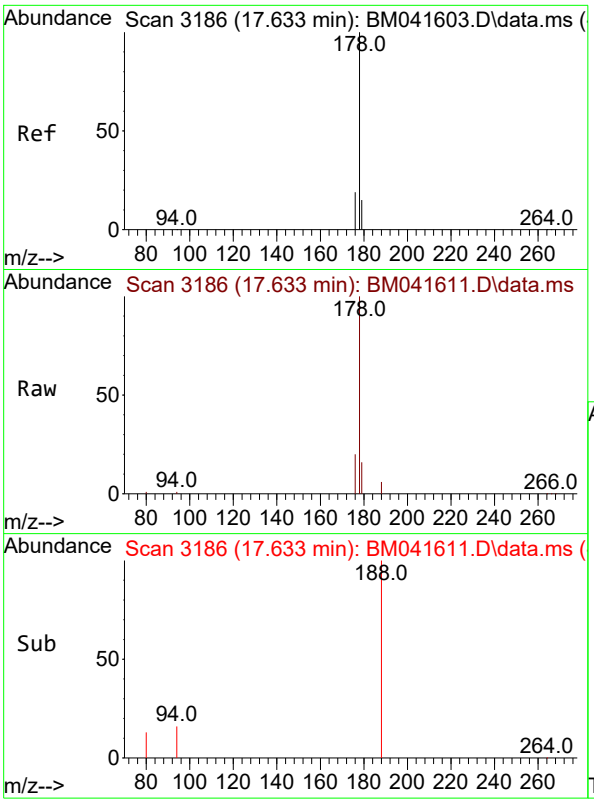


#15
Phenanthrene
Concen: 18.215 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Tgt Ion:178 Resp: 1195368

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	20.8	16.2	24.4



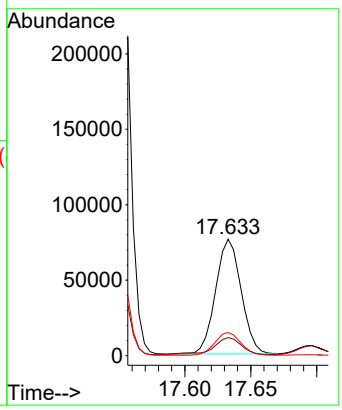


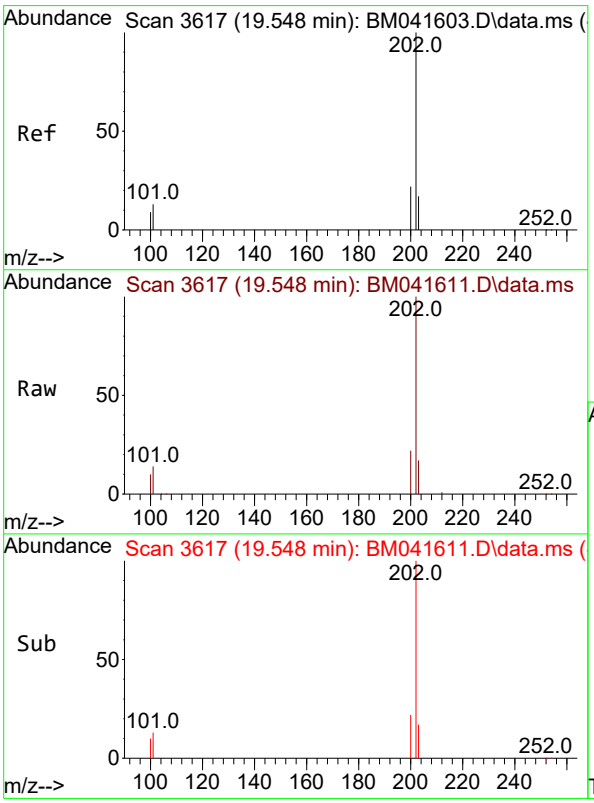
#16
Anthracene
Concen: 1.789 ng/ul
RT: 17.633 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Instrument :
BNA_M
ClientSampleId :
DCHK7

Tgt Ion:178 Resp: 102018

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.9	15.6	23.4

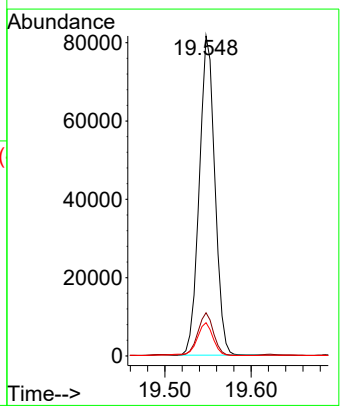


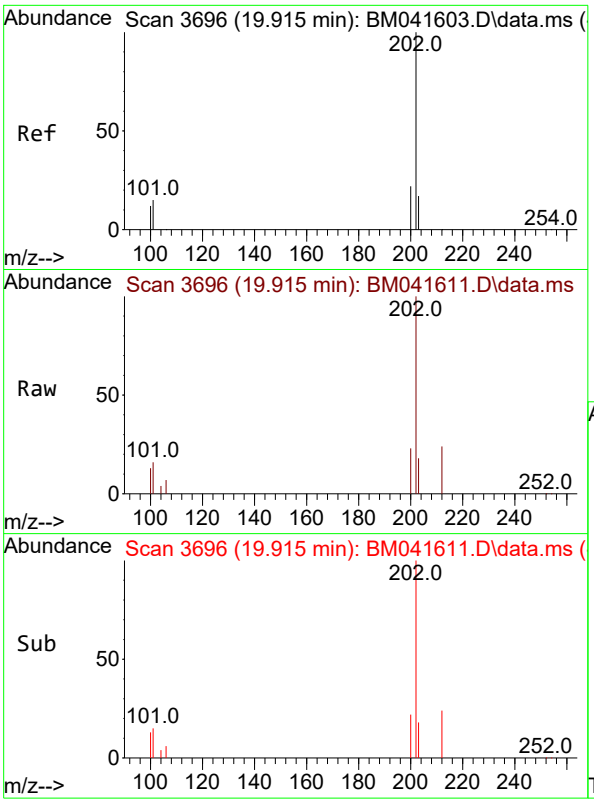


#19
Fluoranthene
Concen: 1.367 ng/ul
RT: 19.548 min Scan# 3617
Delta R.T. -0.009 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Tgt Ion:202 Resp: 102416

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.7	16.1
100	10.4	8.1	12.1



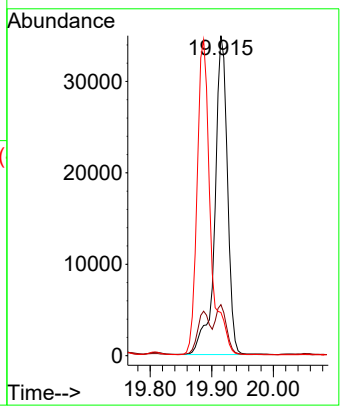


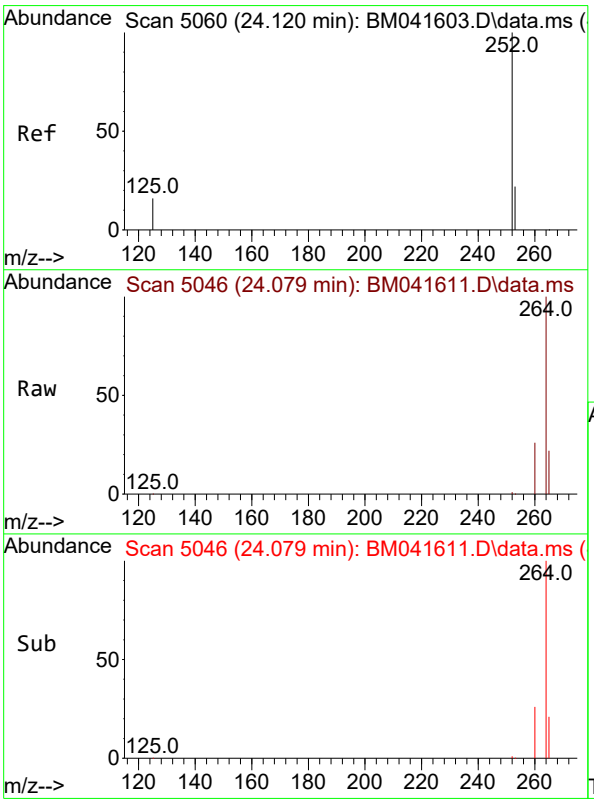
#20
Pyrene
Concen: 0.656 ng/ul
RT: 19.915 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Instrument :
BNA_M
ClientSampleId :
DCHK7

Tgt Ion:202 Resp: 49417

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.2	18.4
100	13.5	9.8	14.8





#26
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 24.079 min Scan# 5046
Delta R.T. -0.058 min
Lab File: BM041611.D
Acq: 31 Aug 2023 11:56

Tgt Ion:252 Resp: 6988

Ion	Ratio	Lower	Upper
252	100		
253	39.3	20.9	31.3#
125	47.9	21.1	31.7#