Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
Data File : BM038950.D
Acq On : 09 Mar 2023 17:57
Operator : CG/JU
Sample : 01784-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAD8

Quant Time: Mar 10 03:53:28 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 13:36:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	8468	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	30159	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	20662	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.374	188	38888	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	29668	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	22626	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	44499	4.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	15094	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	38844	0.550	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.866	128	9173689	127.227	ng/ul	99
7) 2-Methylnaphthalene	12.466	142	585031	13.372	ng/ul	100
8) 1-Methylnaphthalene	12.686	142	921683	20.080	ng/ul	98
10) Acenaphthylene	14.350	152	198613	2.643	ng/ul	98
11) Acenaphthene	14.697	153	2055597	33.268	ng/ul	93
12) Fluorene	15.678	166	188307	2.699	ng/ul#	96
14) Pentachlorophenol	17.024	266	589928	63.043	ng/ul	99
15) Phenanthrene	17.417	178	1087483	10.579	ng/ul	99
16) Anthracene	17.509	178	145787	1.722	ng/ul	99
19) Fluoranthene	19.426	202	258036	2.568	ng/ul	98
20) Pyrene	19.793	202	152699	1.480	ng/ul	99

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

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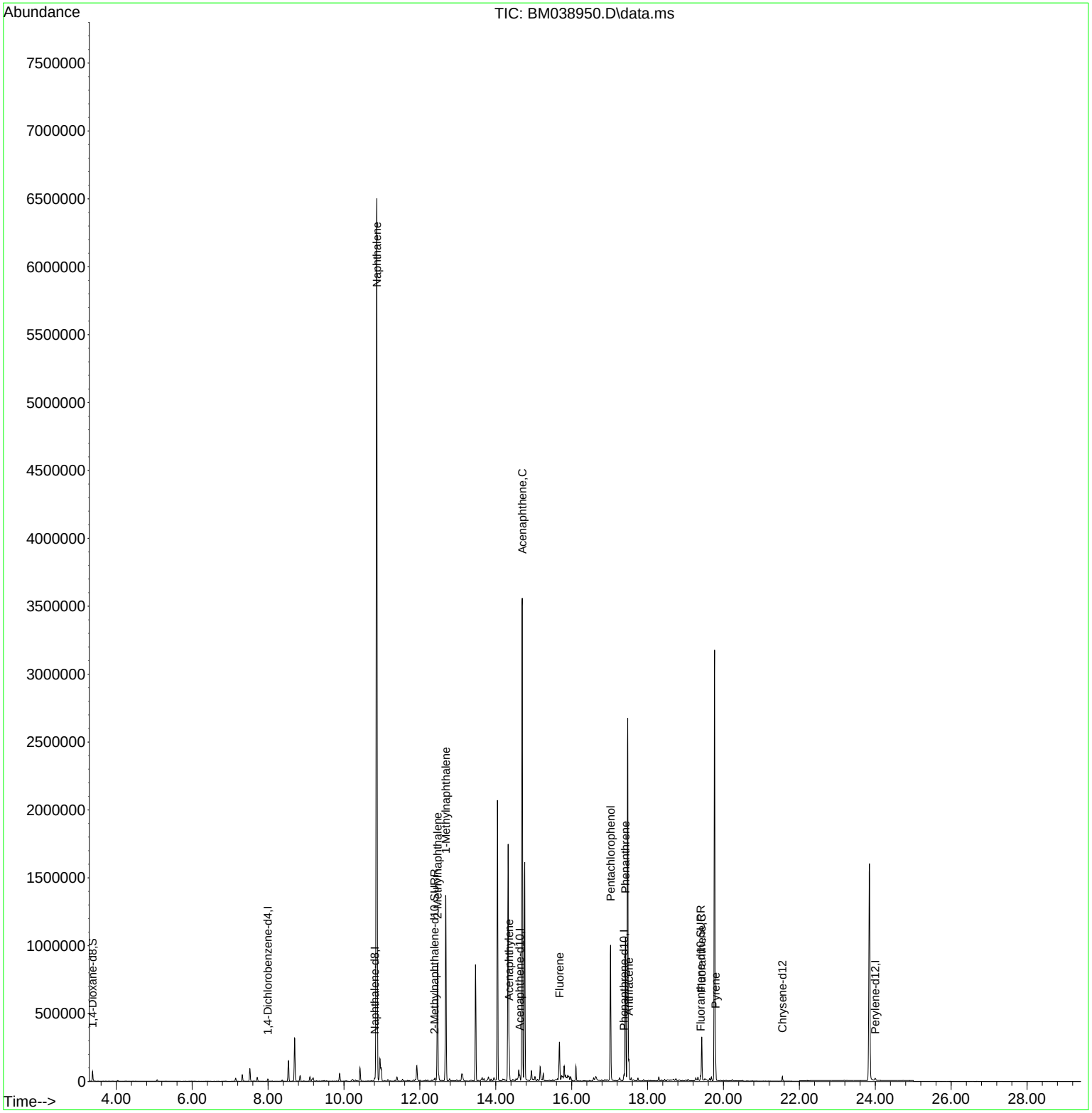
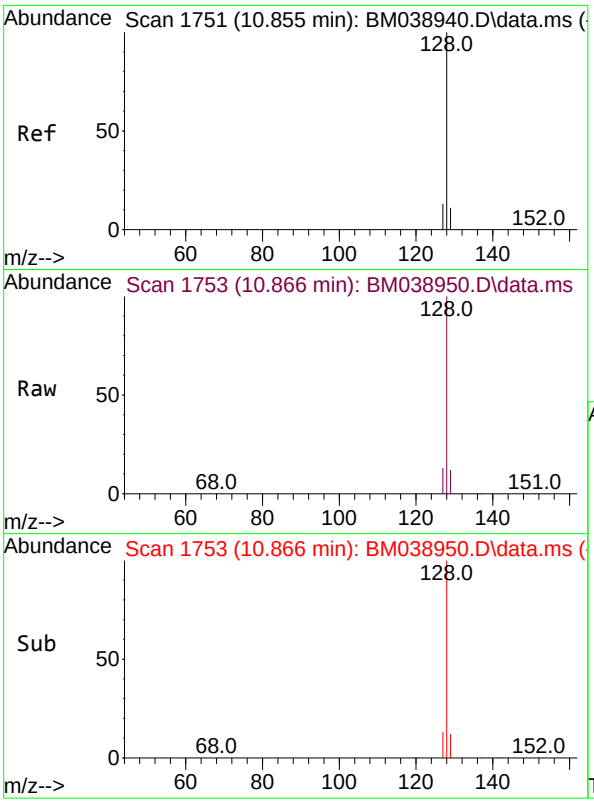


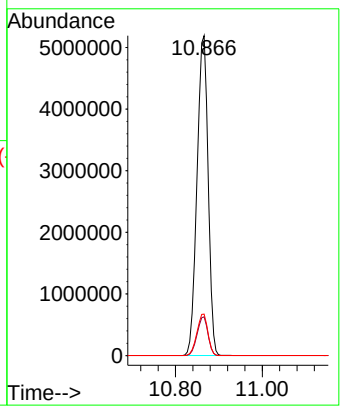


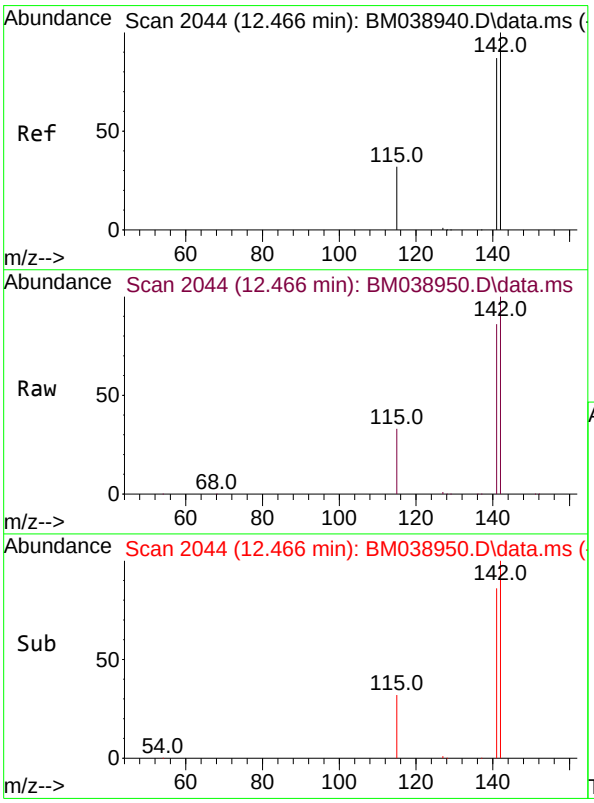
#5
Naphthalene
Concen: 127.227 ng/ul
RT: 10.866 min Scan# 1
Delta R.T. 0.011 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Instrument :
BNA_M
ClientSampleId :
DCAD8

Tgt Ion:128 Resp: 9173689

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	13.0	10.3	15.5

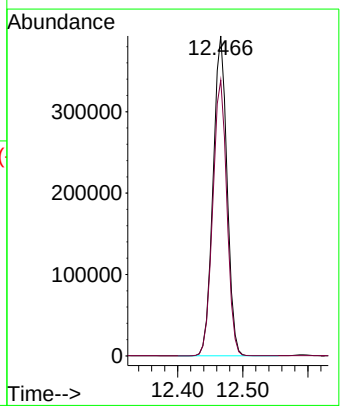


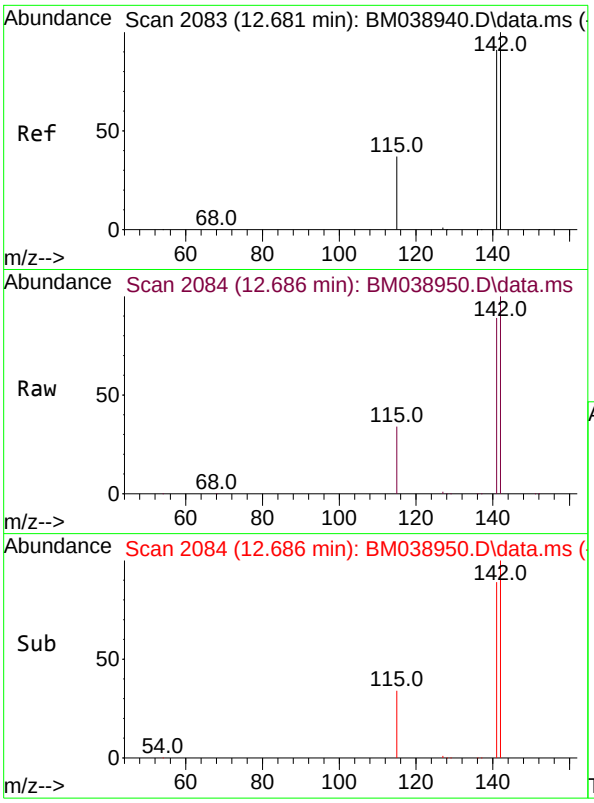


#7
2-Methylnaphthalene
Concen: 13.372 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Tgt Ion:142 Resp: 585031

Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.9	104.9



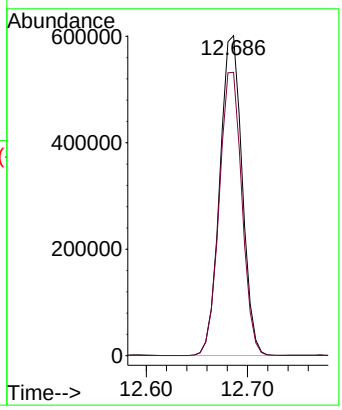


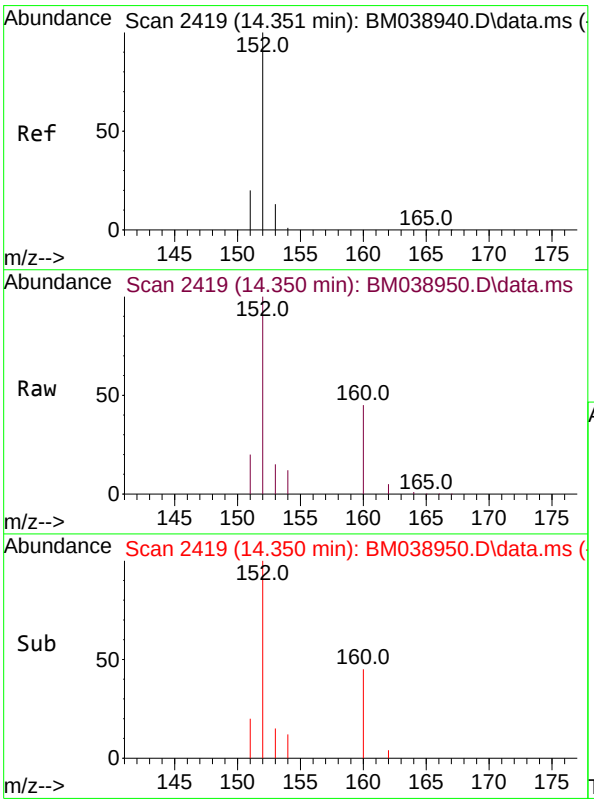
#8
1-Methylnaphthalene
Concen: 20.080 ng/ul
RT: 12.686 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Instrument :
BNA_M
ClientSampleId :
DCAD8

Tgt Ion:142 Resp: 921683

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3

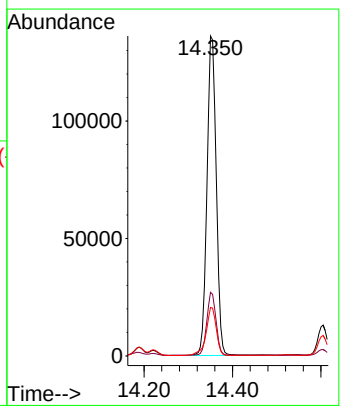


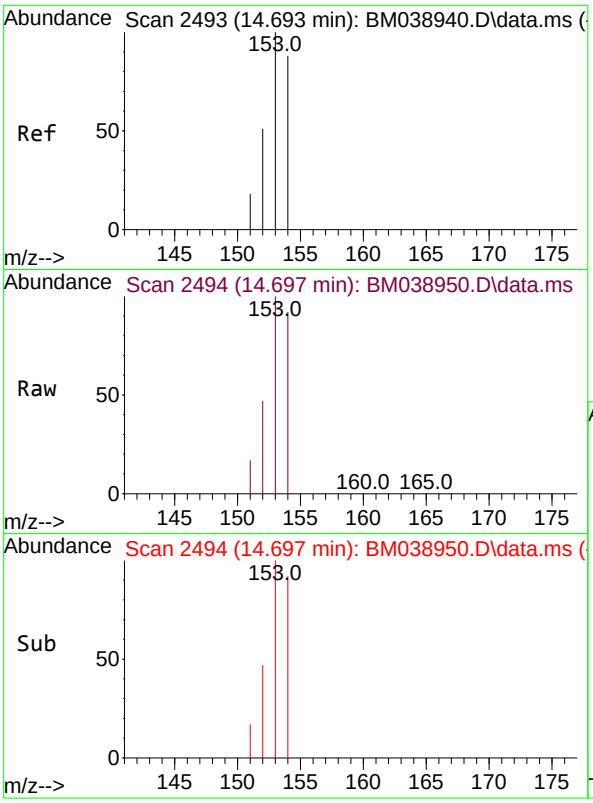


#10
Acenaphthylene
Concen: 2.643 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Tgt Ion:152 Resp: 198613

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.6	23.4
153	15.1	10.6	15.8



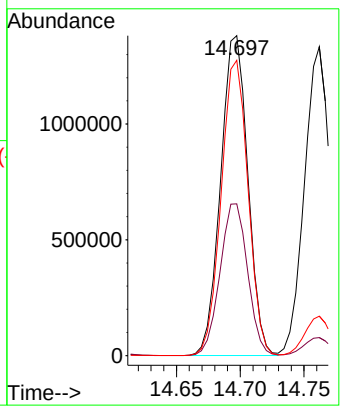


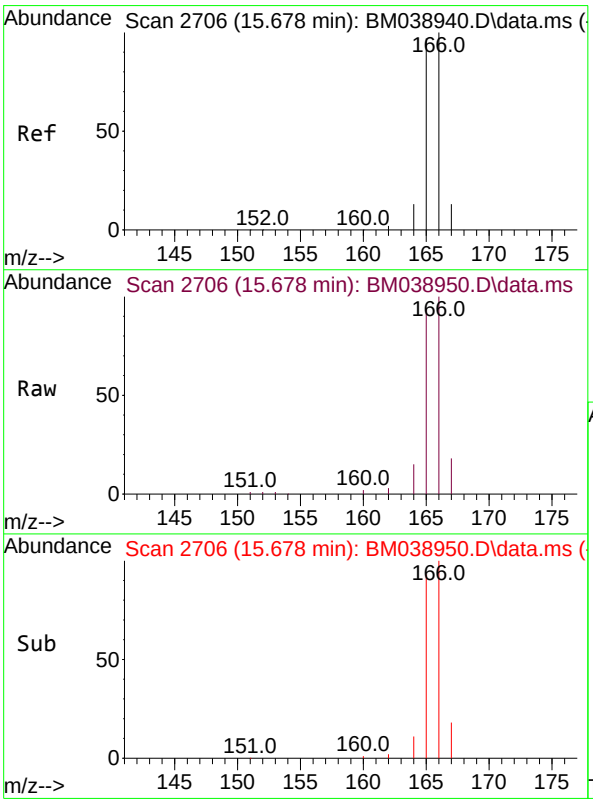
#11
Acenaphthene
Concen: 33.268 ng/ul
RT: 14.697 min Scan# 24
Delta R.T. 0.004 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Instrument :
BNA_M
ClientSampleId :
DCAD8

Tgt Ion:153 Resp: 2055597

Ion	Ratio	Lower	Upper
153	100		
152	47.4	44.2	66.2
154	92.3	70.6	105.8

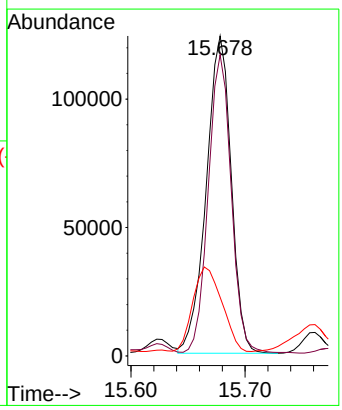


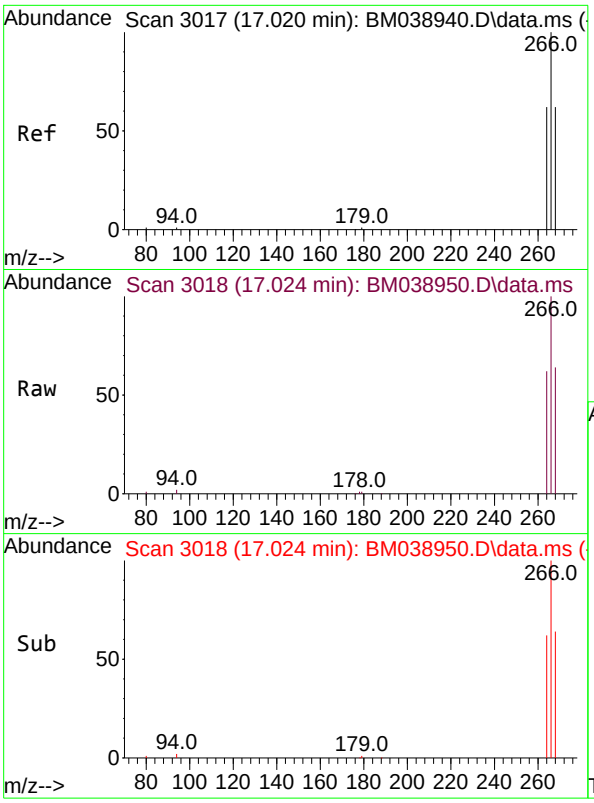


#12
Fluorene
Concen: 2.699 ng/ul
RT: 15.678 min Scan# 2706
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Tgt Ion:166 Resp: 188307

Ion	Ratio	Lower	Upper
166	100		
165	94.1	77.8	116.6
167	18.3	11.4	17.2#



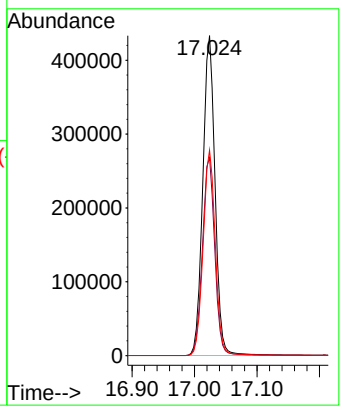


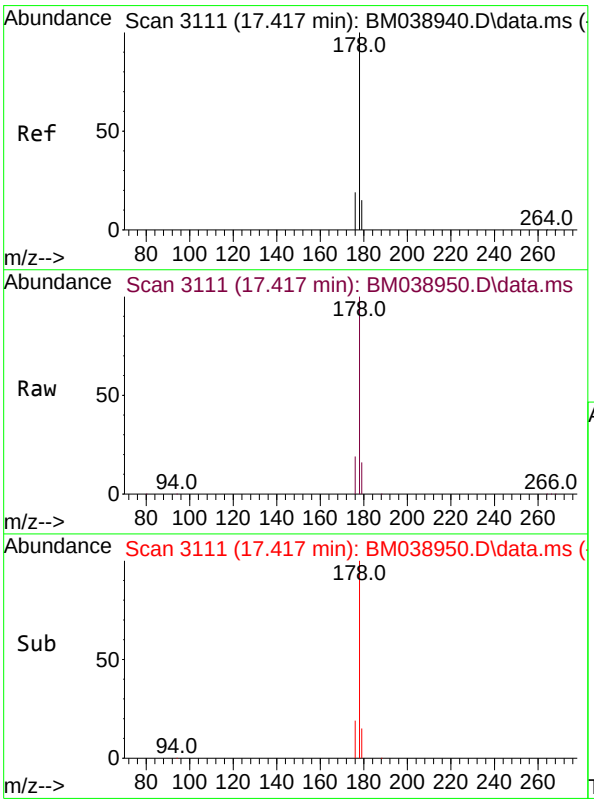
#14
Pentachlorophenol
Concen: 63.043 ng/ul
RT: 17.024 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Instrument :
BNA_M
ClientSampleId :
DCAD8

Tgt Ion:266 Resp: 589928

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.2	75.2
268	64.1	50.2	75.4

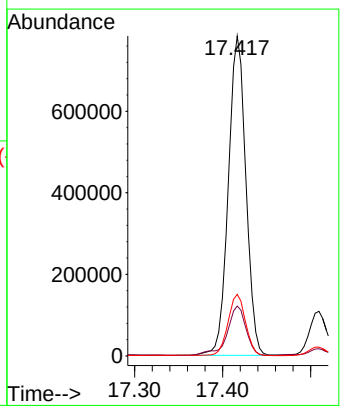


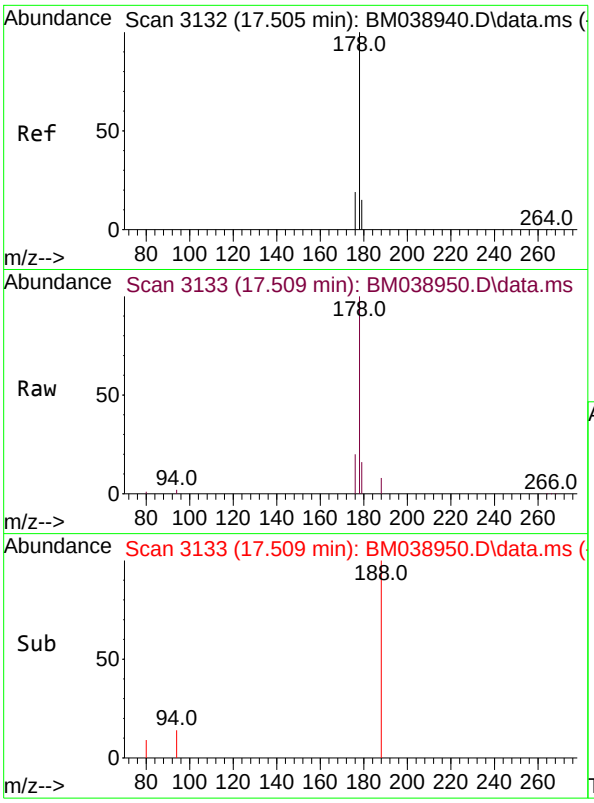


#15
Phenanthrene
Concen: 10.579 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Tgt Ion:178 Resp: 1087483

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	19.2	15.9	23.9



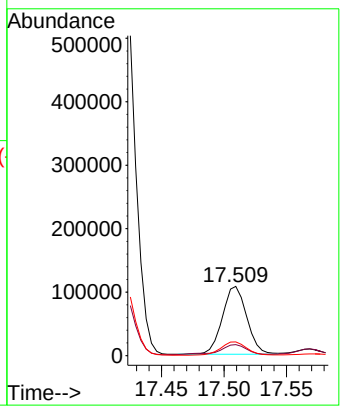


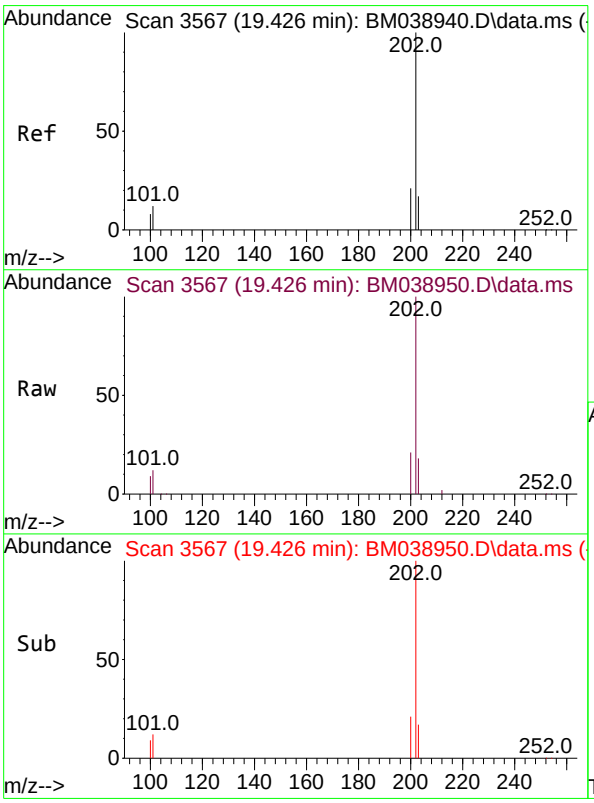
#16
Anthracene
Concen: 1.722 ng/ul
RT: 17.509 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Instrument :
BNA_M
ClientSampleId :
DCAD8

Tgt Ion:178 Resp: 145787

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	19.8	15.4	23.2

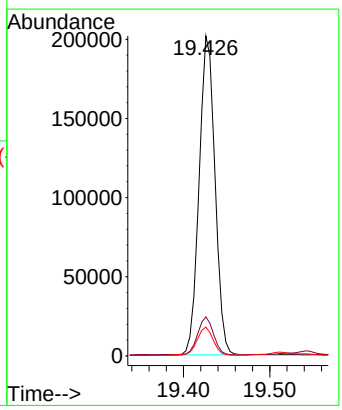


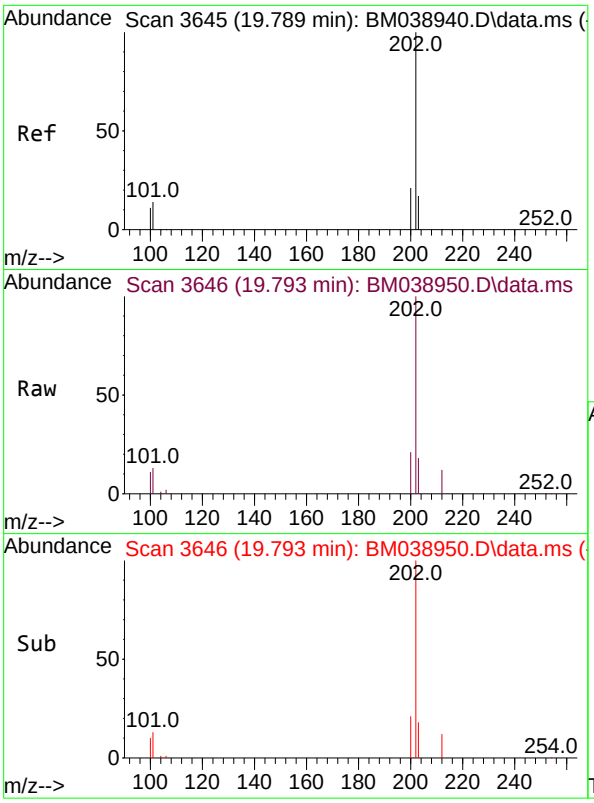


#19
Fluoranthene
Concen: 2.568 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Tgt Ion:202 Resp: 258036

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.9	13.3
100	9.0	6.8	10.2





#20
Pyrene
Concen: 1.480 ng/ul
RT: 19.793 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Instrument :
BNA_M
ClientSampleId :
DCAD8

Tgt Ion:202 Resp: 152699

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.2	16.8
100	10.7	9.0	13.6