Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
Data File : BM038978.D
Acq On : 10 Mar 2023 13:11
Operator : CG/JU
Sample : 01784-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAD9

Quant Time: Mar 10 23:15:29 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	7.991	152	10262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	35515	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.627	164	23655	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.373	188	46138	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	32368	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	25806	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	47100	4.056	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.388	152	16073	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.397	212	36843	0.478	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.854	128	3543591	41.733	ng/ul	100
7) 2-Methylnaphthalene	12.459	142	65060	1.263	ng/ul	100
8) 1-Methylnaphthalene	12.679	142	759168	14.045	ng/ul	98
10) Acenaphthylene	14.349	152	214085	2.489	ng/ul	98
11) Acenaphthene	14.696	153	4255026	60.150	ng/ul	92
12) Fluorene	15.677	166	918408	11.500	ng/ul	97
14) Pentachlorophenol	17.018	266	1793	0.162	ng/ul	98
15) Phenanthrene	17.415	178	3161320	25.920	ng/ul	99
16) Anthracene	17.504	178	311110	3.098	ng/ul	99
19) Fluoranthene	19.425	202	266621	2.432	ng/ul	98
20) Pyrene	19.792	202	137020	1.217	ng/ul	99
26) Benzo(a)pyrene	23.842	252	8310	0.103	ng/ul#	59

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

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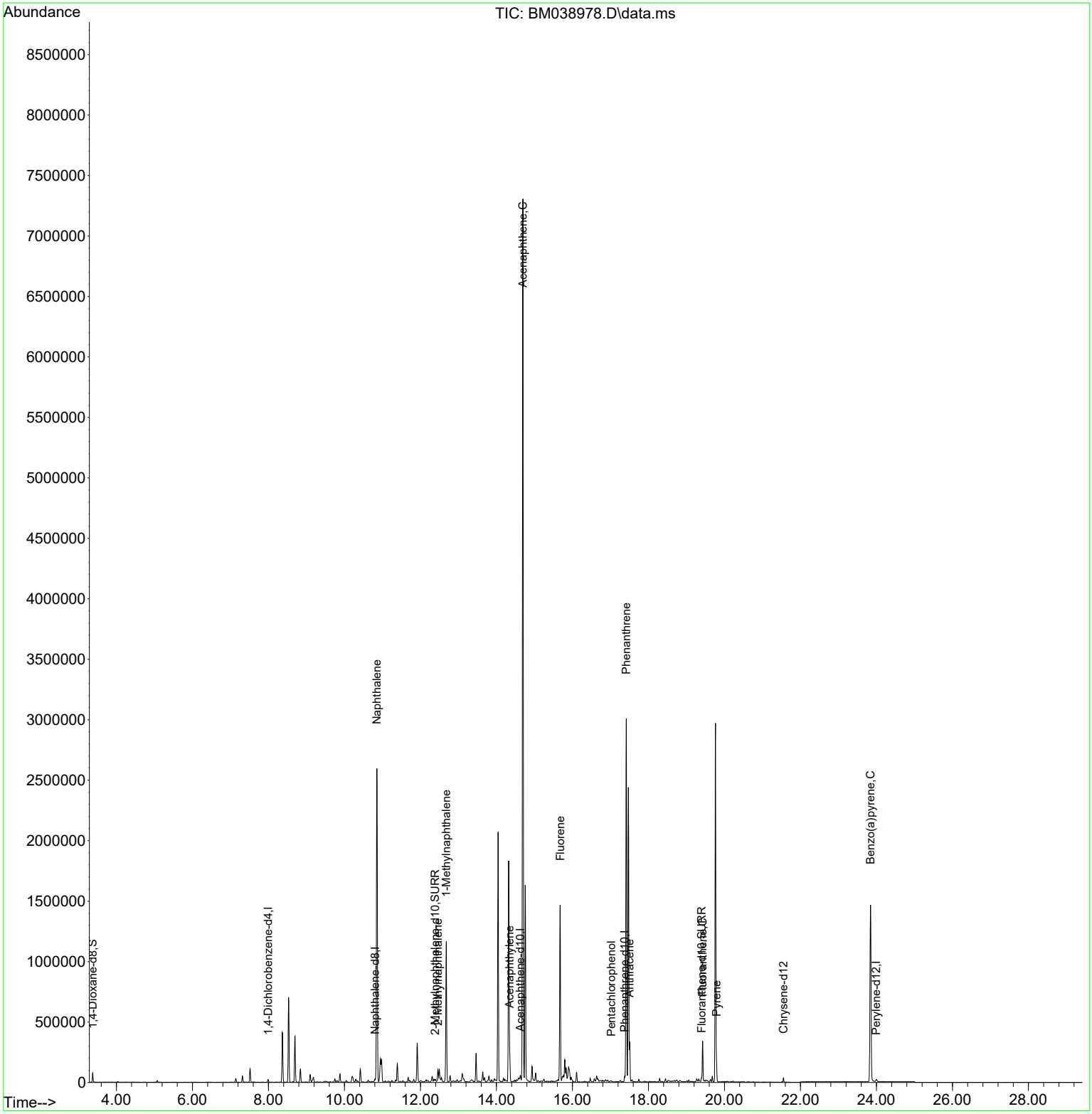
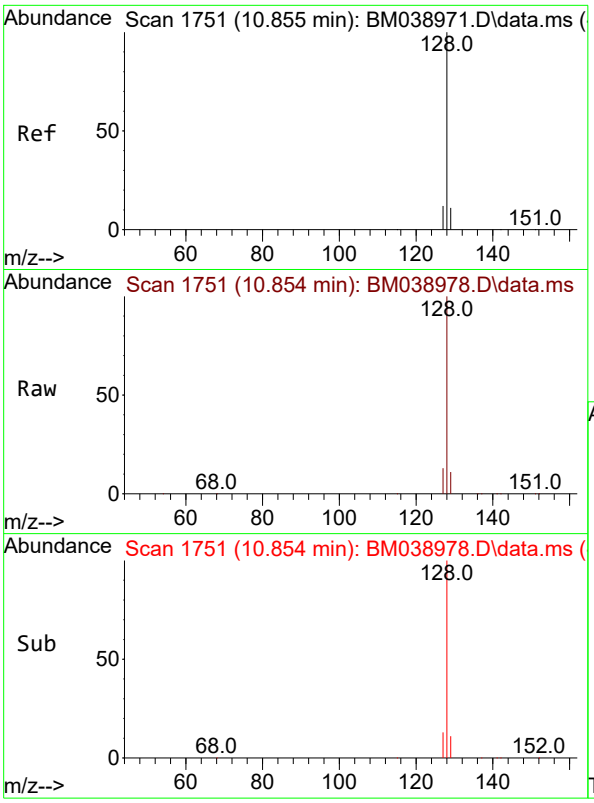


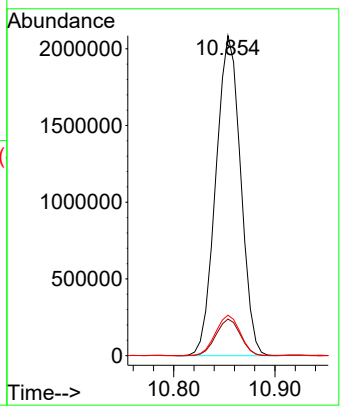


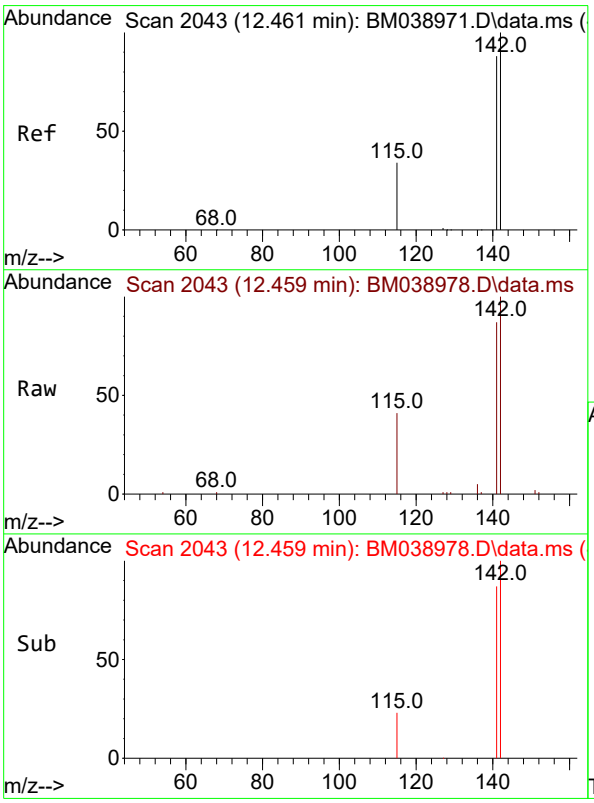
#5
Naphthalene
Concen: 41.733 ng/ul
RT: 10.854 min Scan# 1
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Instrument :
BNA_M
ClientSampleId :
DCAD9

Tgt Ion:128 Resp: 3543591

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	12.6	10.3	15.5

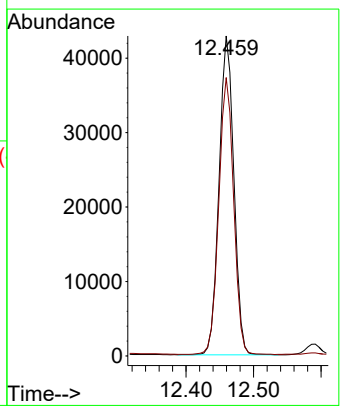


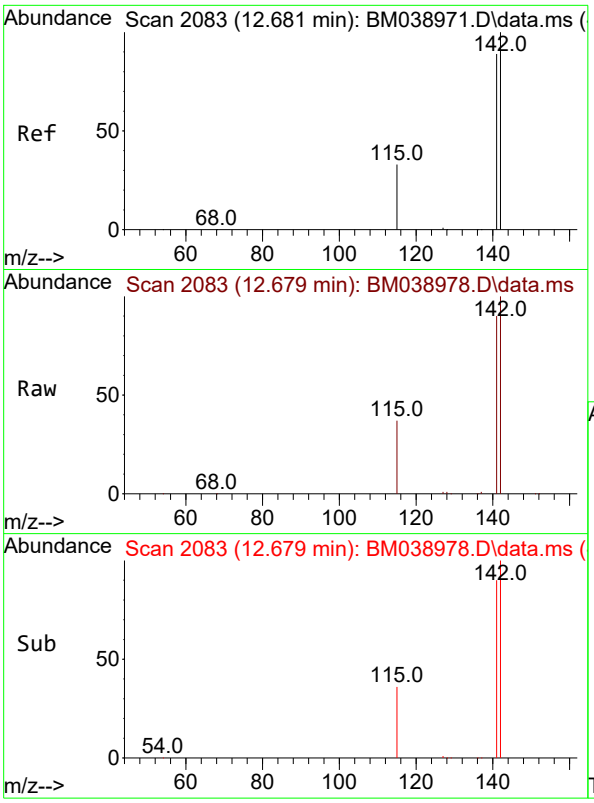


#7
2-Methylnaphthalene
Concen: 1.263 ng/ul
RT: 12.459 min Scan# 2043
Delta R.T. -0.007 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Tgt Ion:142 Resp: 65060

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9



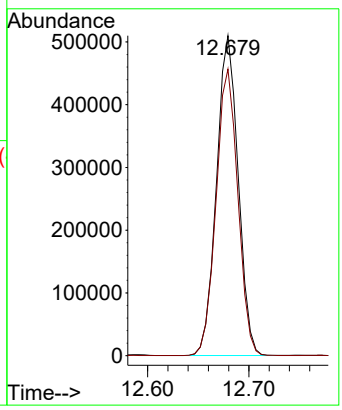


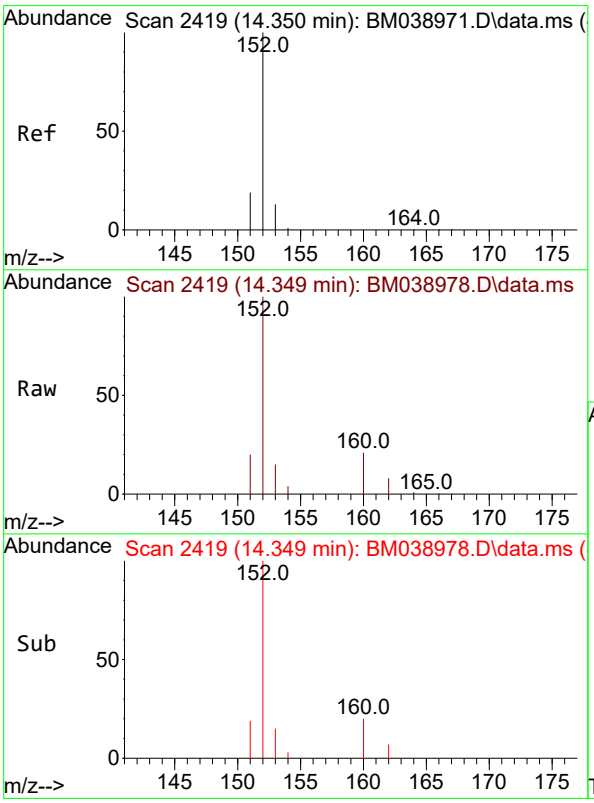
#8
1-Methylnaphthalene
Concen: 14.045 ng/ul
RT: 12.679 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Instrument :
BNA_M
ClientSampleId :
DCAD9

Tgt Ion:142 Resp: 759168

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3

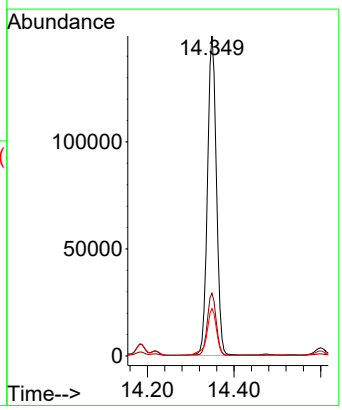


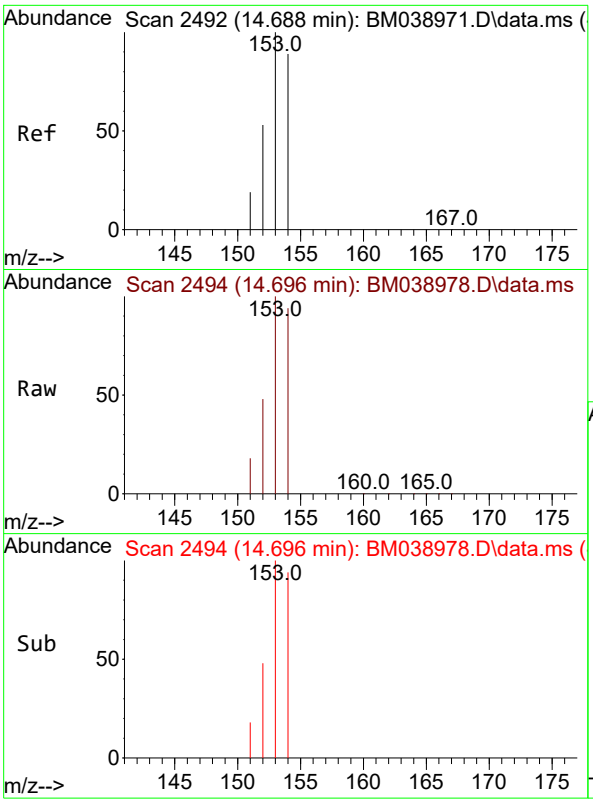


#10
Acenaphthylene
Concen: 2.489 ng/ul
RT: 14.349 min Scan# 2419
Delta R.T. -0.001 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Tgt Ion:152 Resp: 214085

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	14.8	10.6	15.8



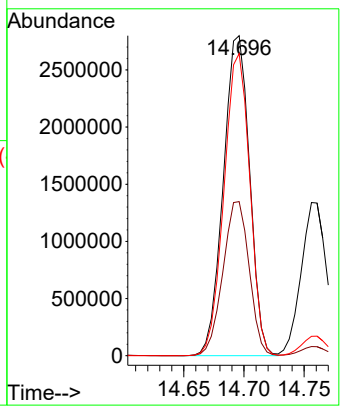


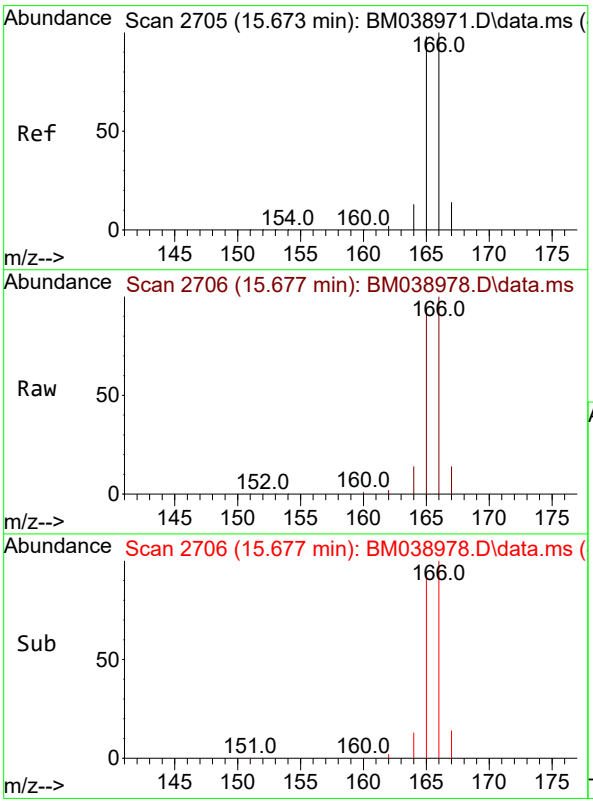
#11
Acenaphthene
Concen: 60.150 ng/ul
RT: 14.696 min Scan# 24
Delta R.T. 0.003 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Instrument :
BNA_M
ClientSampleId :
DCAD9

Tgt Ion:153 Resp: 4255026

Ion	Ratio	Lower	Upper
153	100		
152	48.1	44.2	66.2
154	94.4	70.6	105.8

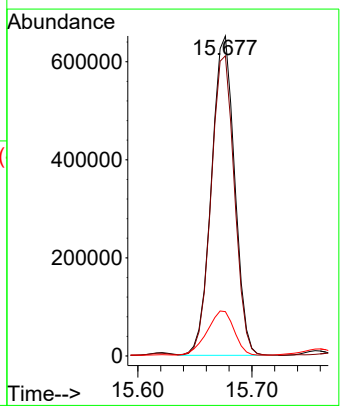


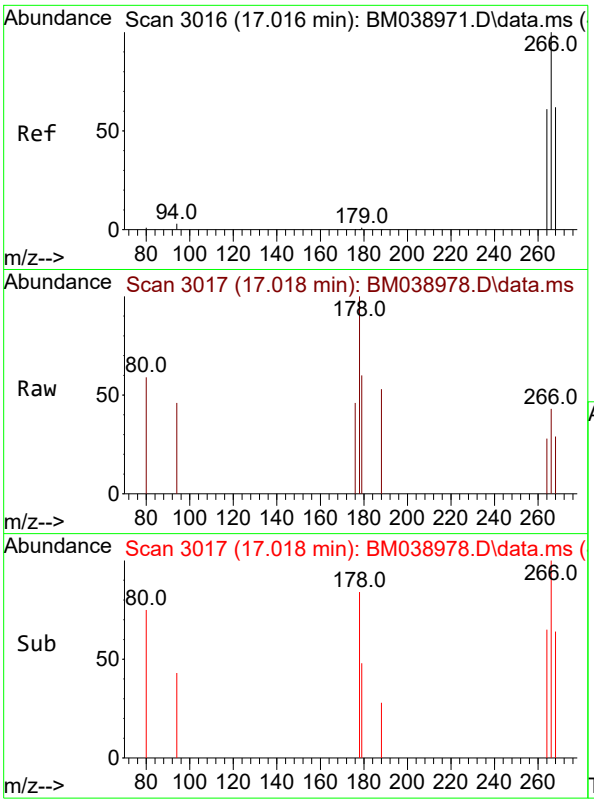


#12
Fluorene
Concen: 11.500 ng/ul
RT: 15.677 min Scan# 2706
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Tgt Ion:166 Resp: 918408

Ion	Ratio	Lower	Upper
166	100		
165	93.8	77.8	116.6
167	13.8	11.4	17.2



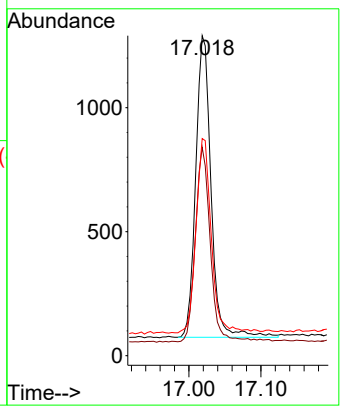


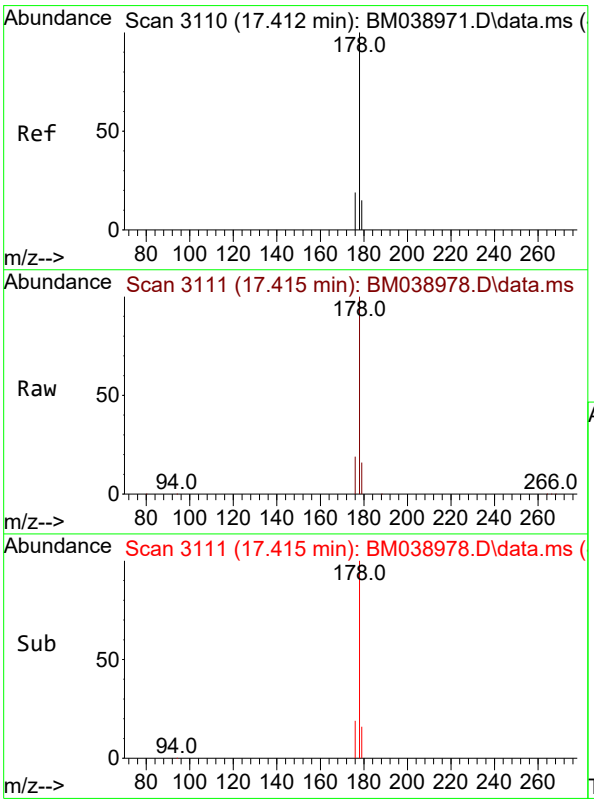
#14
Pentachlorophenol
Concen: 0.162 ng/ul
RT: 17.018 min Scan# 3
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Instrument :
BNA_M
ClientSampleId :
DCAD9

Tgt Ion:266 Resp: 1793

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.2	75.2
268	64.5	50.2	75.4

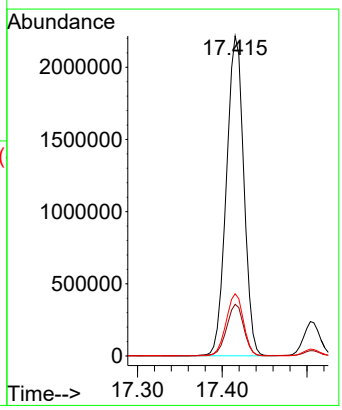


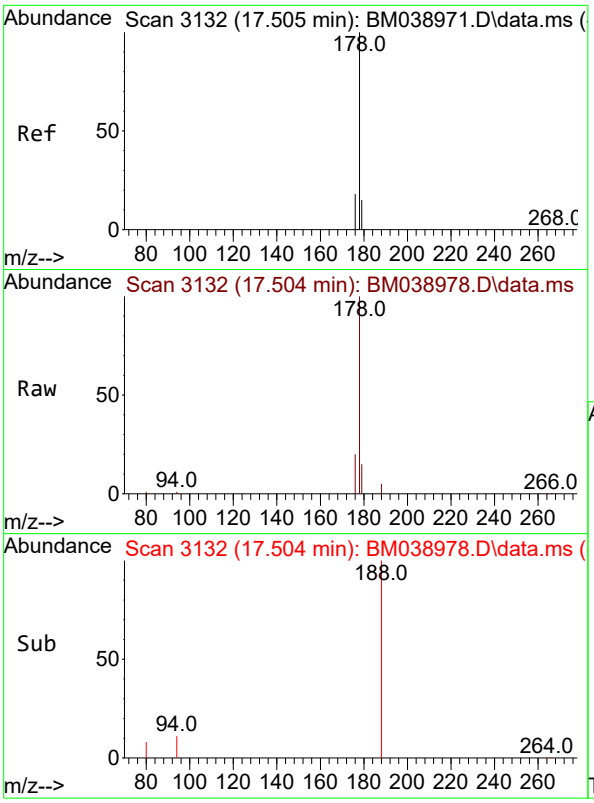


#15
Phenanthrene
Concen: 25.920 ng/ul
RT: 17.415 min Scan# 3111
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Tgt Ion:178 Resp: 3161320

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	19.5	15.9	23.9



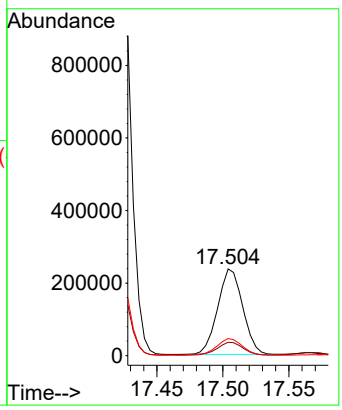


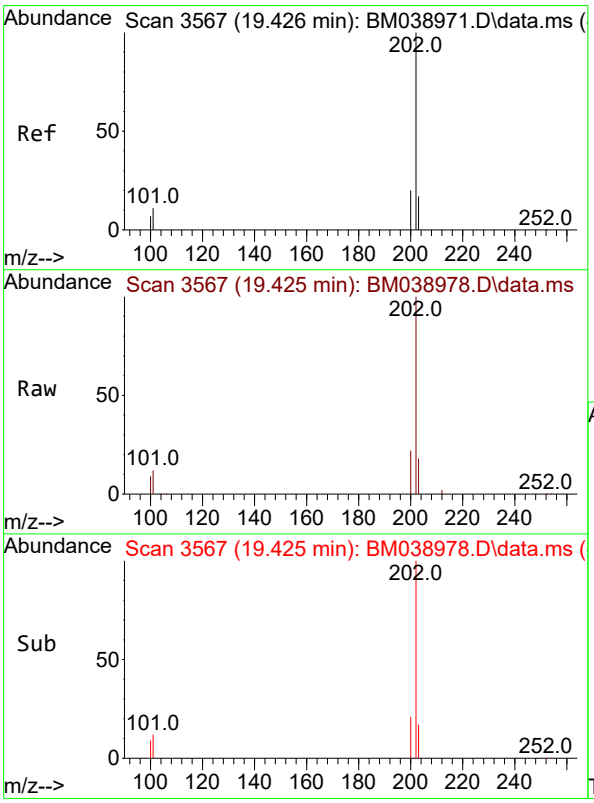
#16
Anthracene
Concen: 3.098 ng/ul
RT: 17.504 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Instrument :
BNA_M
ClientSampleId :
DCAD9

Tgt Ion:178 Resp: 311110

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

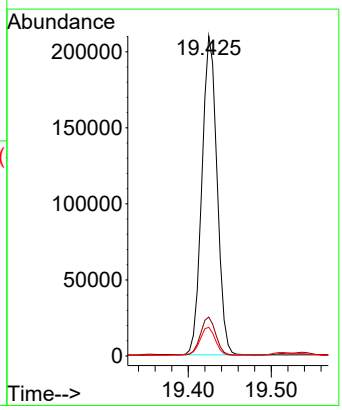


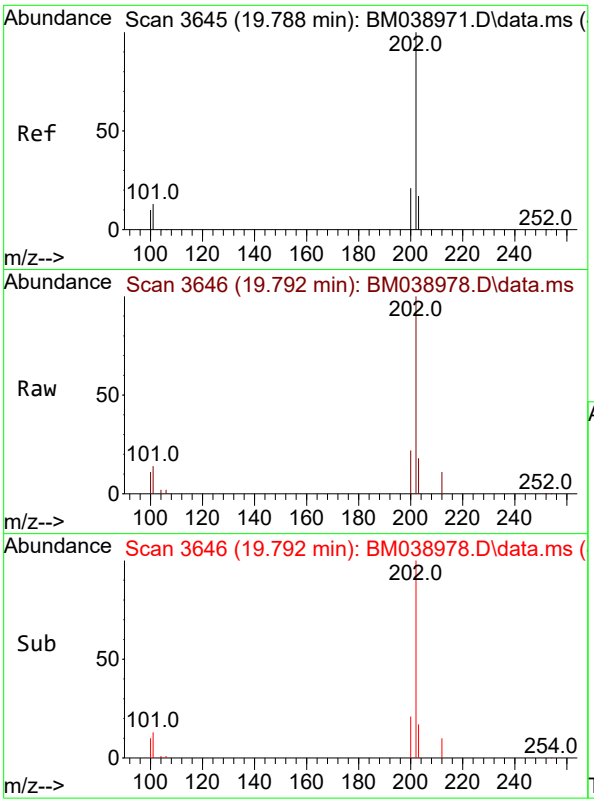


#19
Fluoranthene
Concen: 2.432 ng/ul
RT: 19.425 min Scan# 3567
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Tgt Ion:202 Resp: 266621

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



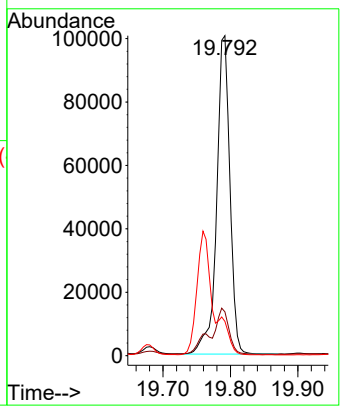


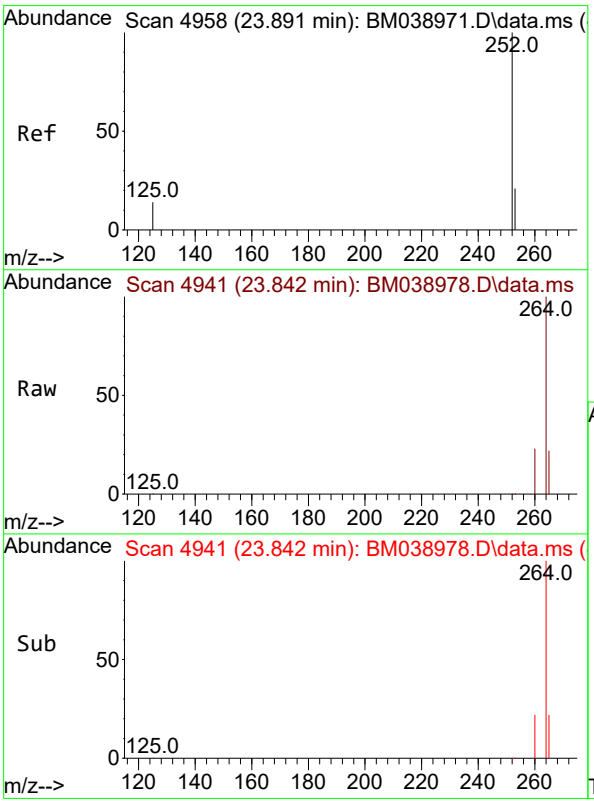
#20
Pyrene
Concen: 1.217 ng/ul
RT: 19.792 min Scan# 3
Delta R.T. 0.003 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Instrument :
BNA_M
ClientSampleId :
DCAD9

Tgt Ion:202 Resp: 137020

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.2	16.8
100	10.7	9.0	13.6





#26
Benzo(a)pyrene
Concen: 0.103 ng/ul
RT: 23.842 min Scan# 4941
Delta R.T. -0.047 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Tgt Ion:252 Resp: 8310

Ion	Ratio	Lower	Upper
252	100		
253	42.4	20.3	30.5#
125	40.5	14.0	21.0#