Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
Data File : BM038979.D
Acq On : 10 Mar 2023 13:49
Operator : CG/JU
Sample : 01784-06DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAD8DL

Quant Time: Mar 10 23:15:41 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	8760	0.400	ng/ul	0.00
4) Naphthalene-d8	10.806	136	30724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	18858	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	40576	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	31150	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	26225	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	7933	0.800	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	2371	0.064	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	6103	0.082	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.855	128	1720818	23.427	ng/ul	99
7) 2-Methylnaphthalene	12.461	142	94055	2.110	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	158024	3.379	ng/ul	99
10) Acenaphthylene	14.346	152	33261	0.485	ng/ul	96
11) Acenaphthene	14.688	153	370871	6.576	ng/ul	97
12) Fluorene	15.674	166	30161	0.474	ng/ul#	96
14) Pentachlorophenol	17.020	266	89273	9.143	ng/ul	99
15) Phenanthrene	17.412	178	191257	1.783	ng/ul	99
16) Anthracene	17.505	178	24675	0.279	ng/ul	99
19) Fluoranthene	19.426	202	40528	0.384	ng/ul	99
20) Pyrene	19.789	202	26854	0.248	ng/ul	99
26) Benzo(a)pyrene	23.836	252	1892	0.023	ng/ul#	1

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

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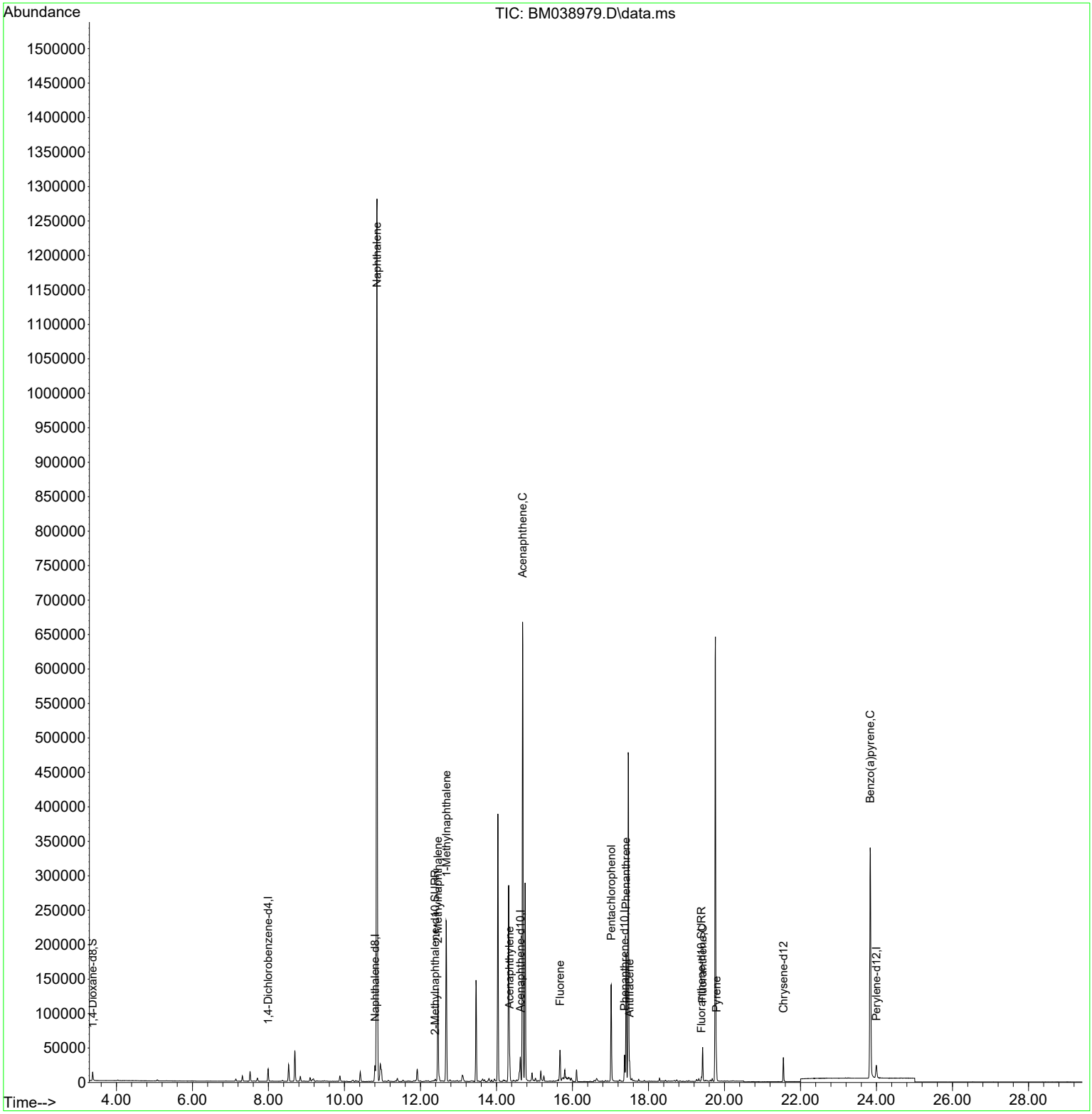
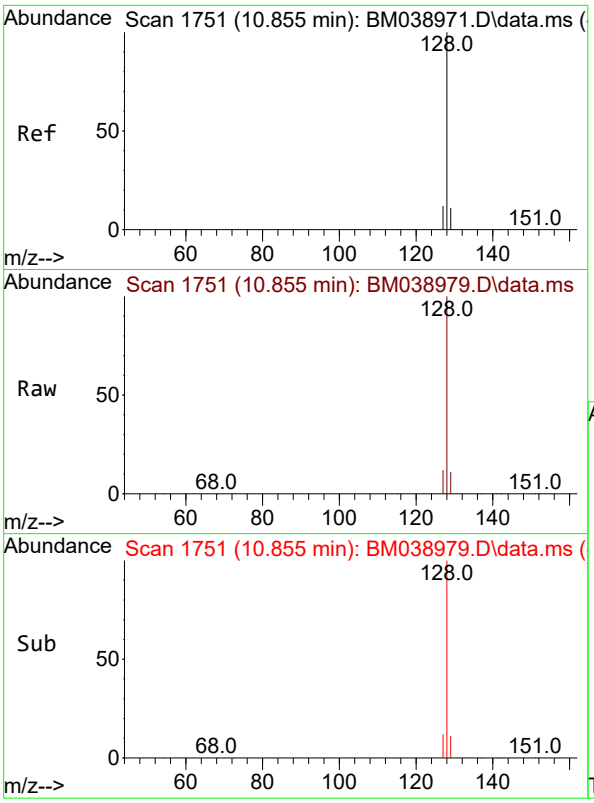


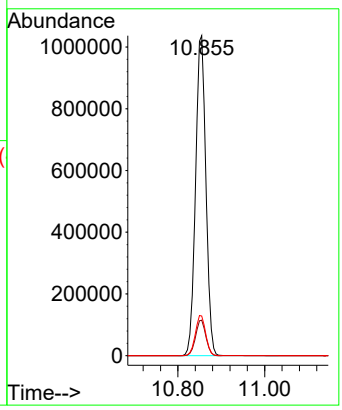


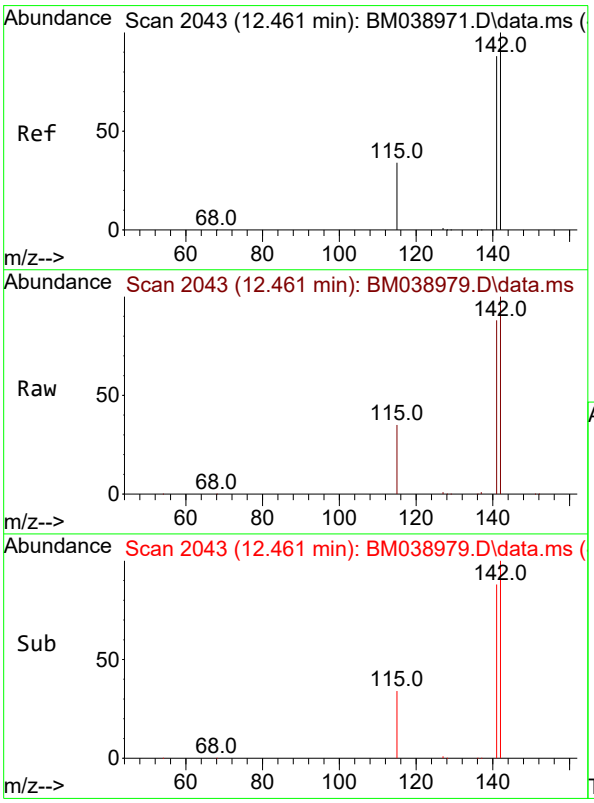
#5
Naphthalene
Concen: 23.427 ng/ul
RT: 10.855 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Instrument :
BNA_M
ClientSampleId :
DCAD8DL

Tgt Ion:128 Resp: 1720818

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	12.4	10.3	15.5

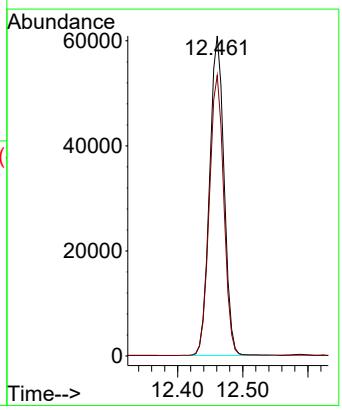


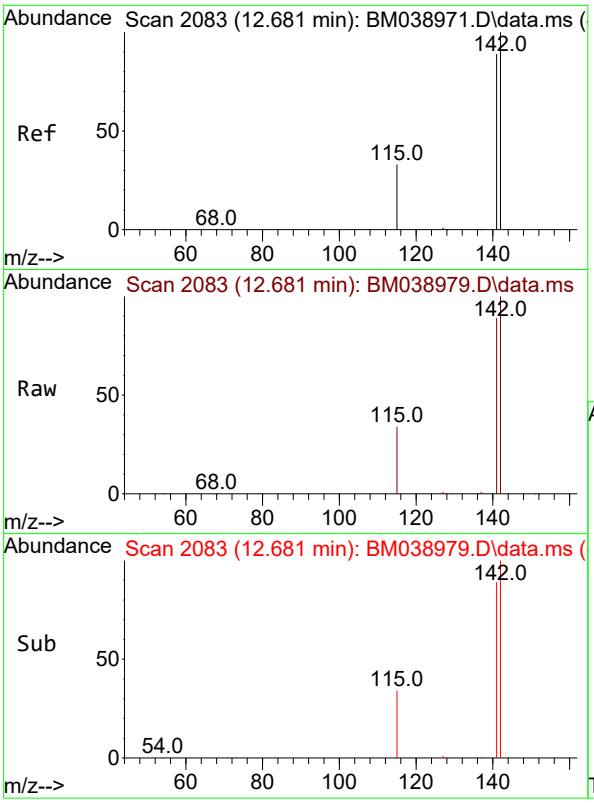


#7
2-Methylnaphthalene
Concen: 2.110 ng/ul
RT: 12.461 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Tgt Ion:142 Resp: 94055

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.9	104.9



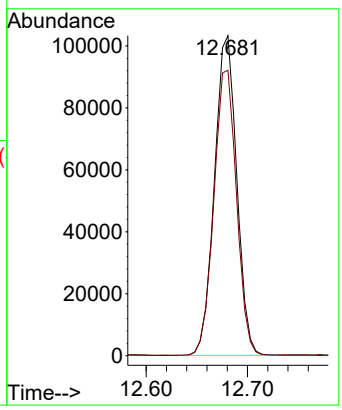


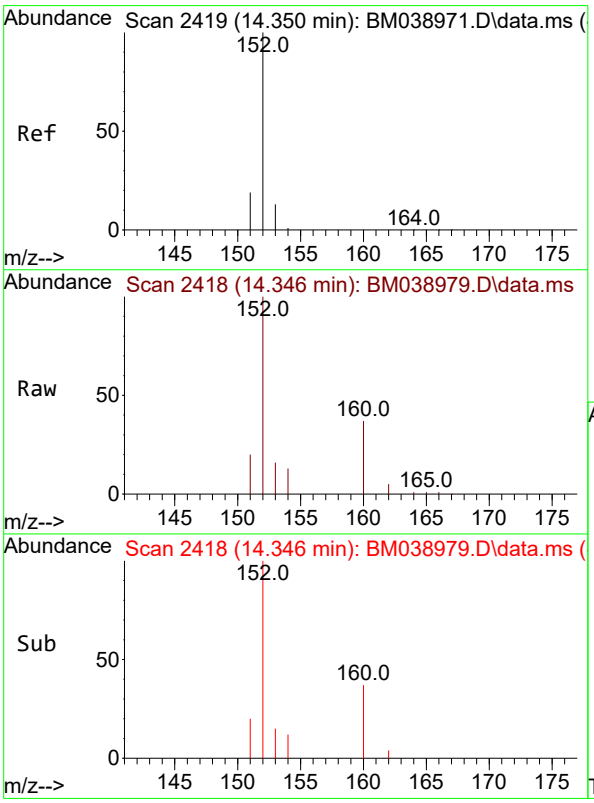
#8
1-Methylnaphthalene
Concen: 3.379 ng/ul
RT: 12.681 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Instrument :
BNA_M
ClientSampleId :
DCAD8DL

Tgt Ion:142 Resp: 158024

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3

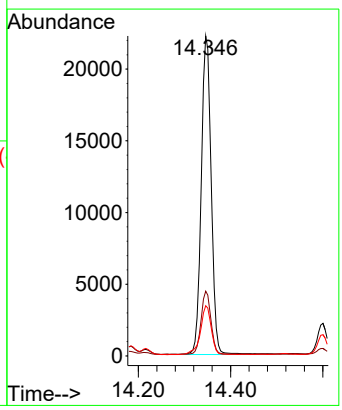


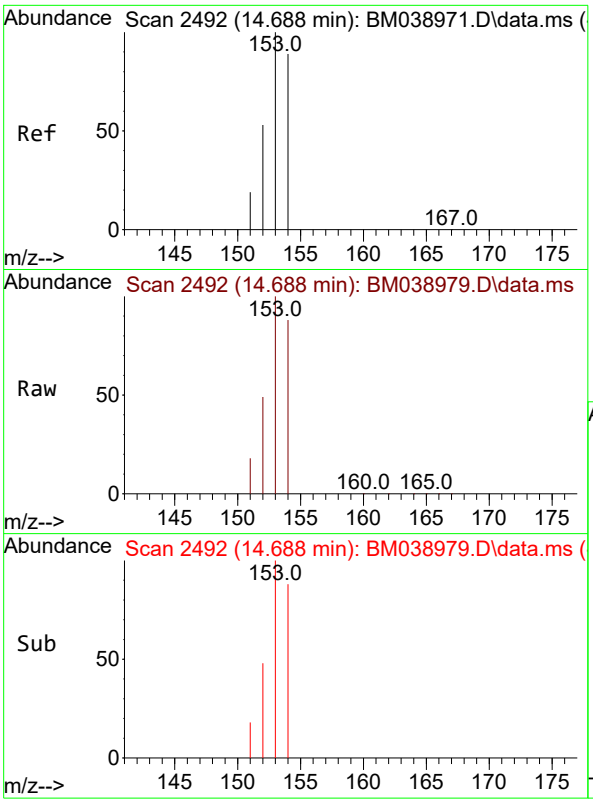


#10
Acenaphthylene
Concen: 0.485 ng/ul
RT: 14.346 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Tgt Ion:152 Resp: 33261

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.6	23.4
153	15.7	10.6	15.8



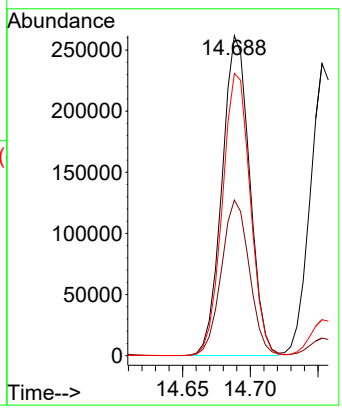


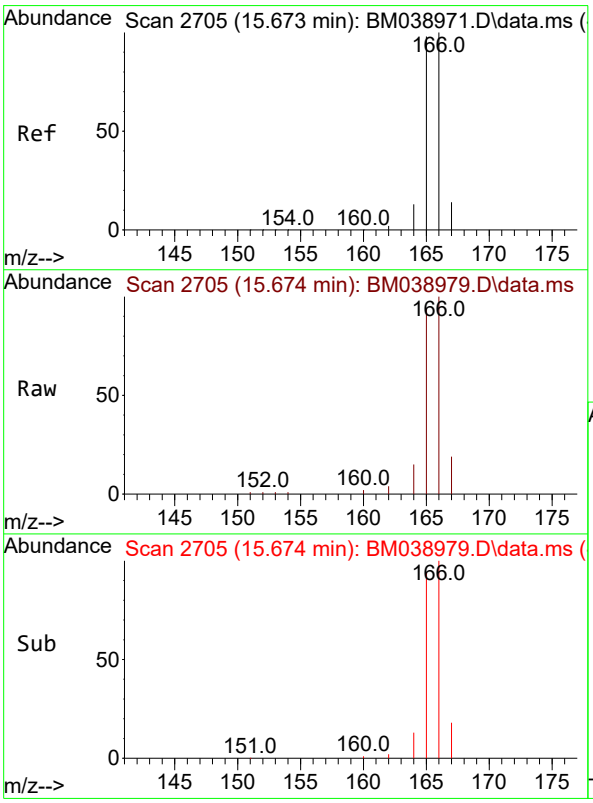
#11
Acenaphthene
Concen: 6.576 ng/ul
RT: 14.688 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Instrument :
BNA_M
ClientSampleId :
DCAD8DL

Tgt Ion:153 Resp: 370871

Ion	Ratio	Lower	Upper
153	100		
152	48.7	44.2	66.2
154	88.2	70.6	105.8

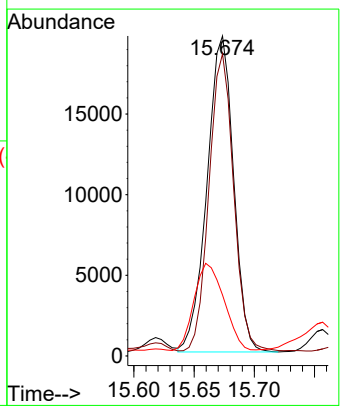


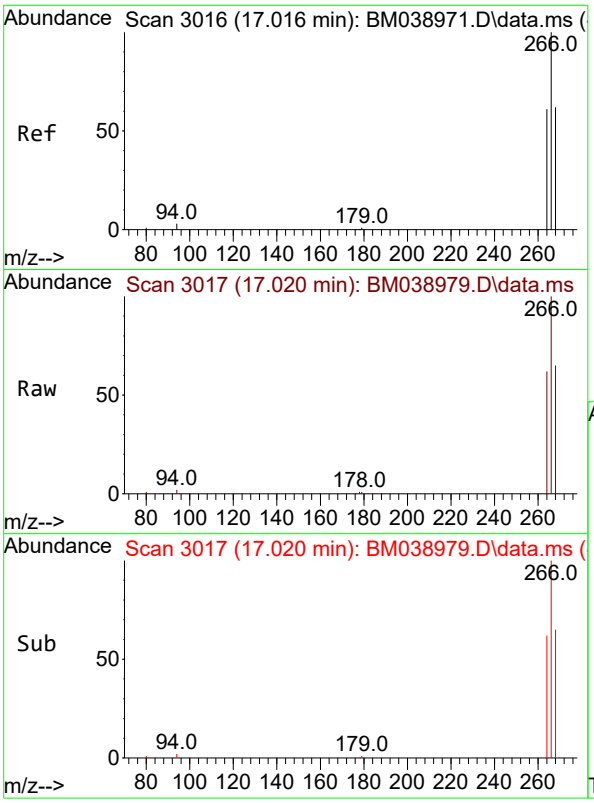


#12
Fluorene
Concen: 0.474 ng/ul
RT: 15.674 min Scan# 2705
Delta R.T. -0.005 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Tgt Ion:166 Resp: 30161

Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.8	116.6
167	19.0	11.4	17.2#



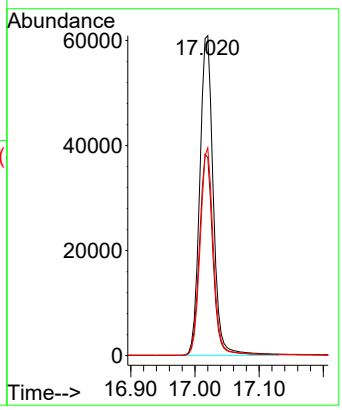


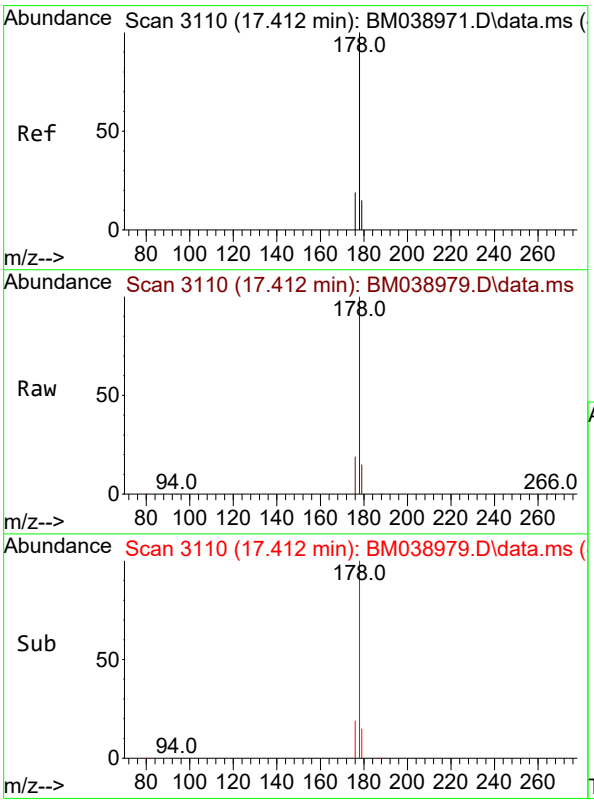
#14
Pentachlorophenol
Concen: 9.143 ng/ul
RT: 17.020 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Instrument :
BNA_M
ClientSampleId :
DCAD8DL

Tgt Ion:266 Resp: 89273

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.2	75.2
268	63.9	50.2	75.4

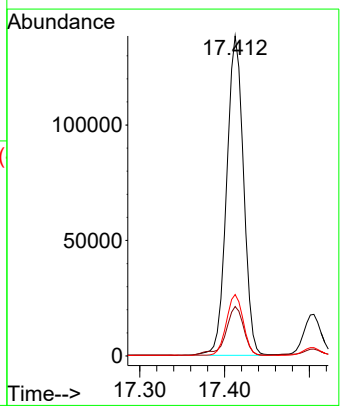


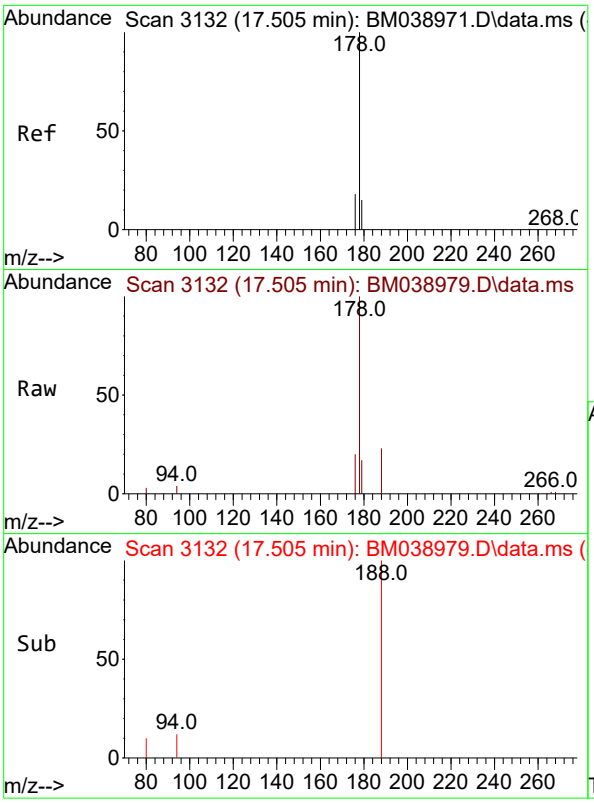


#15
Phenanthrene
Concen: 1.783 ng/ul
RT: 17.412 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Tgt Ion:178 Resp: 191257

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	19.2	15.9	23.9



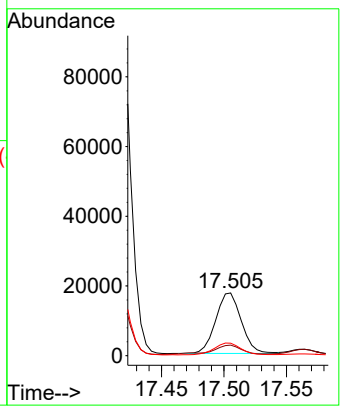


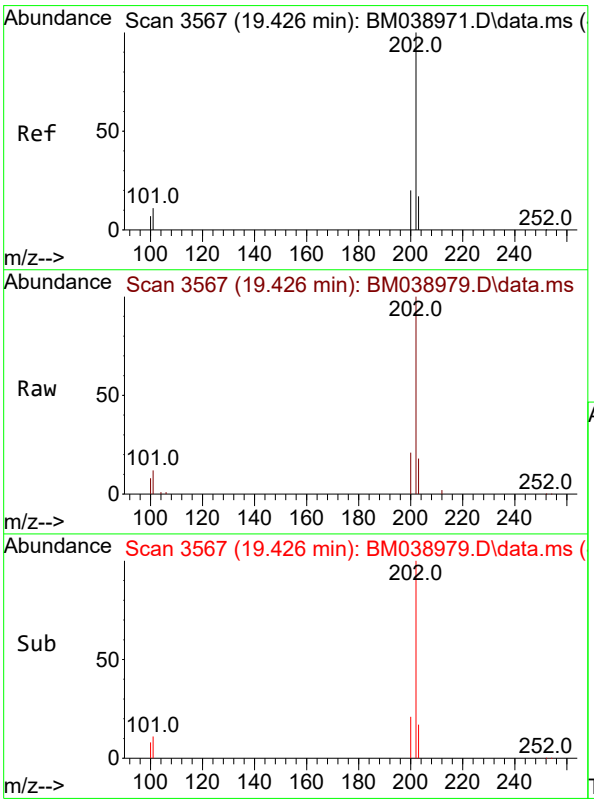
#16
Anthracene
Concen: 0.279 ng/ul
RT: 17.505 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Instrument :
BNA_M
ClientSampleId :
DCAD8DL

Tgt Ion:178 Resp: 24675

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.6
176	20.0	15.4	23.2

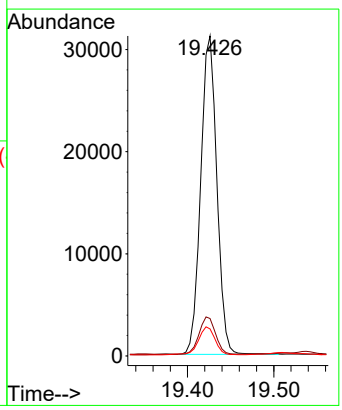


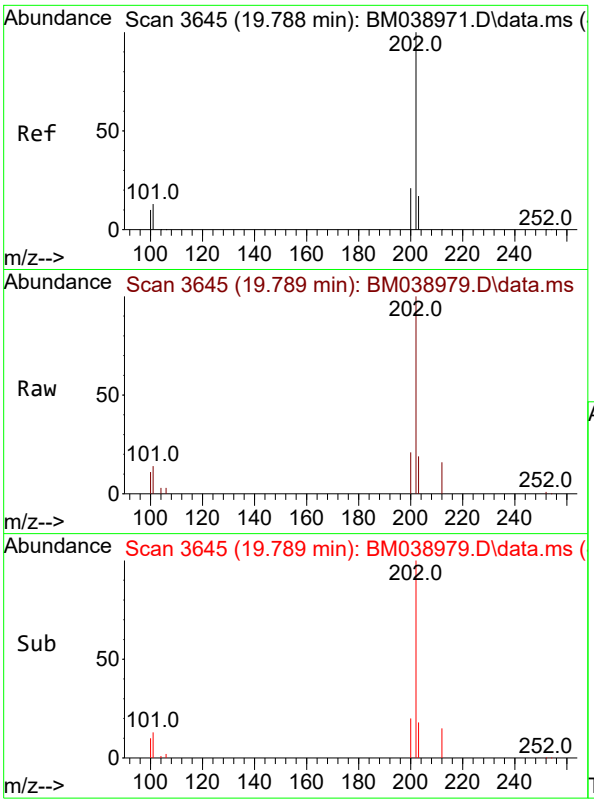


#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Tgt Ion:202 Resp: 40528

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
100	8.5	6.8	10.2



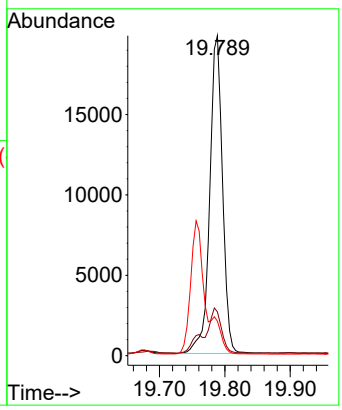


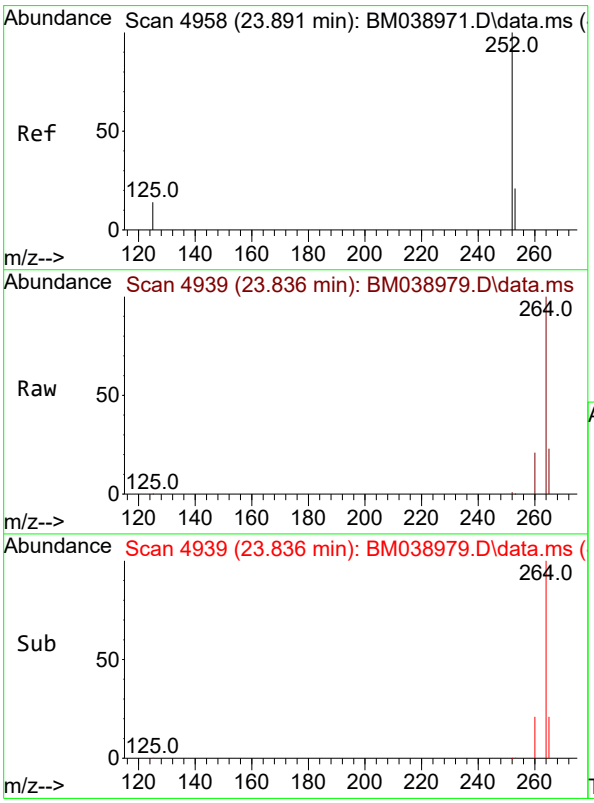
#20
Pyrene
Concen: 0.248 ng/ul
RT: 19.789 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Instrument :
BNA_M
ClientSampleId :
DCAD8DL

Tgt Ion:202 Resp: 26854

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.2	16.8
100	10.8	9.0	13.6





#26
Benzo(a)pyrene
Concen: 0.023 ng/ul
RT: 23.836 min Scan# 4939
Delta R.T. -0.053 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Tgt Ion:252 Resp: 1892

Ion	Ratio	Lower	Upper
252	100		
253	69.0	20.3	30.5#
125	78.1	14.0	21.0#