Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
Data File : BM038973.D
Acq On : 10 Mar 2023 10:05
Operator : CG/JU
Sample : 01784-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE9

Quant Time: Mar 10 23:14:43 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	9137	0.400	ng/ul		0.00
4) Naphthalene-d8	10.811	136	32228	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.628	164	29989	0.400	ng/ul	#	0.00
13) Phenanthrene-d10	17.370	188	50340	0.400	ng/ul		0.00
17) Chrysene-d12	21.550	240	34723	0.400	ng/ul		0.00
23) Perylene-d12	23.996	264	25442	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.375	96	19528	1.889	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.389	152	15673	0.402	ng/ul		0.00
18) Fluoranthene-d10	19.394	212	37307	0.451	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.861	128	27281656	354.071	ng/ul	#	87
7) 2-Methylnaphthalene	12.461	142	3093382	66.165	ng/ul		98
8) 1-Methylnaphthalene	12.686	142	4663311	95.074	ng/ul		96
10) Acenaphthylene	14.350	152	414568	3.802	ng/ul		97
11) Acenaphthene	14.697	153	7543761	84.117	ng/ul		93
12) Fluorene	15.678	166	4291262	42.384	ng/ul		97
14) Pentachlorophenol	17.020	266	142747	11.784	ng/ul		99
15) Phenanthrene	17.417	178	3905279	29.347	ng/ul		99
16) Anthracene	17.505	178	326453	2.979	ng/ul		98
19) Fluoranthene	19.426	202	344630	2.931	ng/ul		99
20) Pyrene	19.789	202	150144	1.243	ng/ul		100
26) Benzo(a)pyrene	23.842	252	8490	0.107	ng/ul	#	59

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

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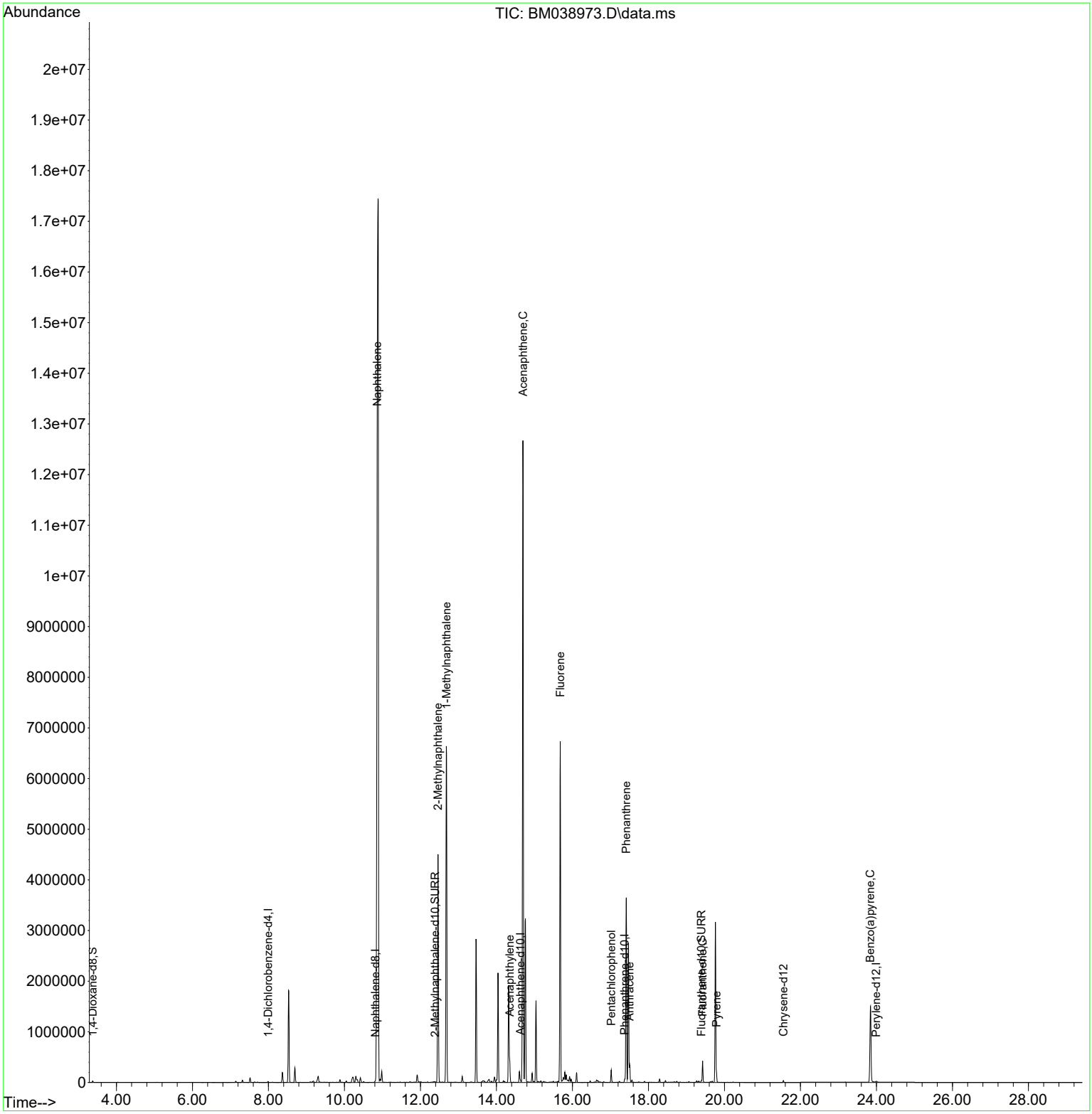
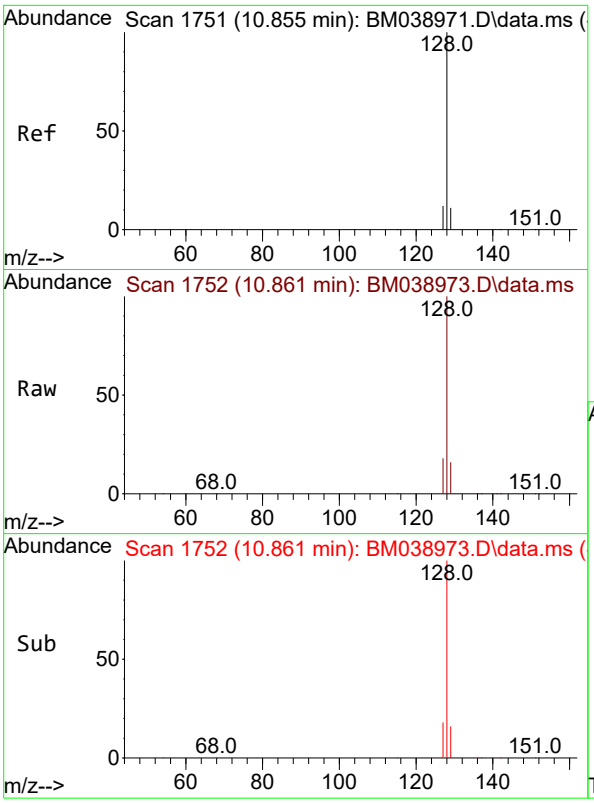


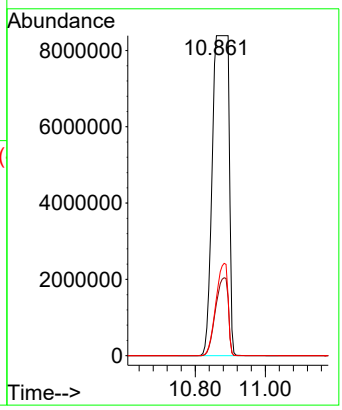


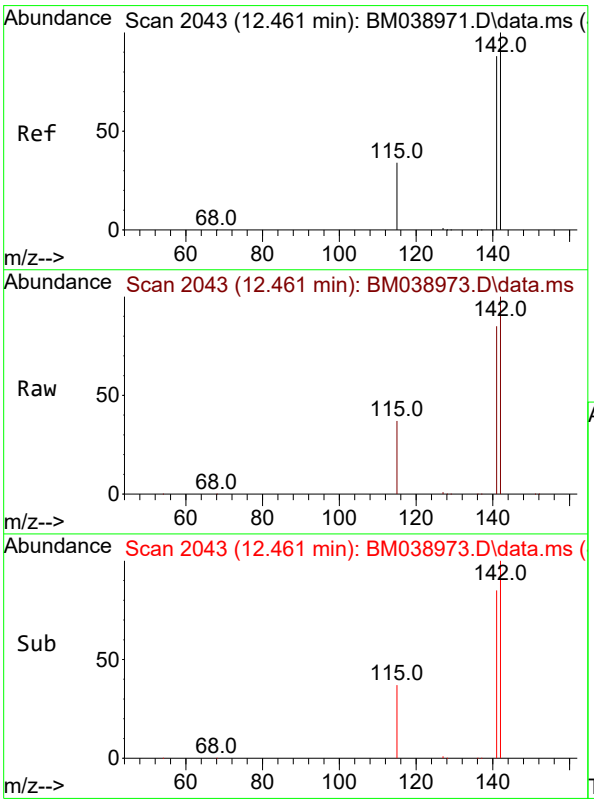
#5
Naphthalene
Concen: 354.071 ng/ul
RT: 10.861 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Instrument :
BNA_M
ClientSampleId :
DCAE9

Tgt Ion:128 Resp:27281656

Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.1	13.7#
127	18.0	10.3	15.5#

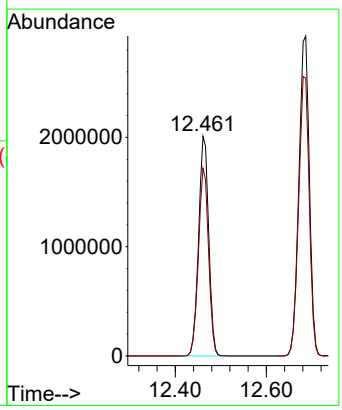


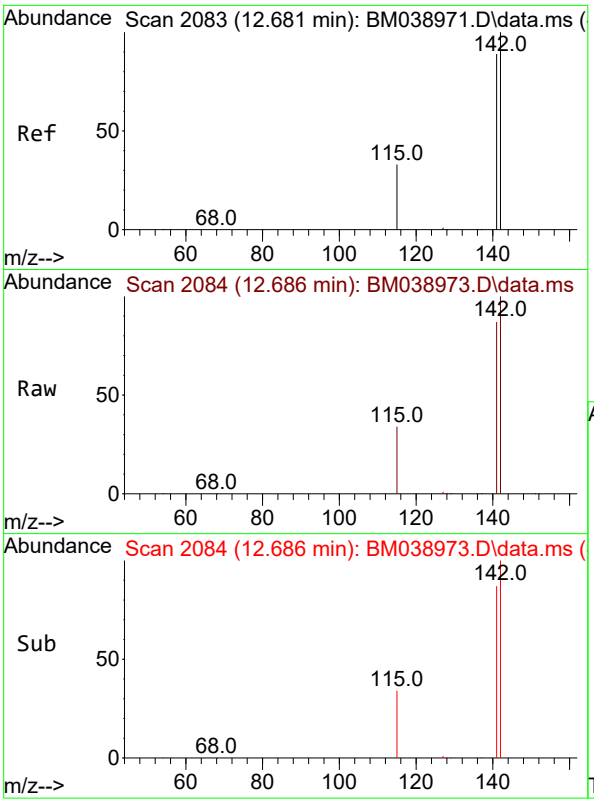


#7
2-Methylnaphthalene
Concen: 66.165 ng/ul
RT: 12.461 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Tgt Ion:142 Resp: 3093382

Ion	Ratio	Lower	Upper
142	100		
141	85.7	69.9	104.9



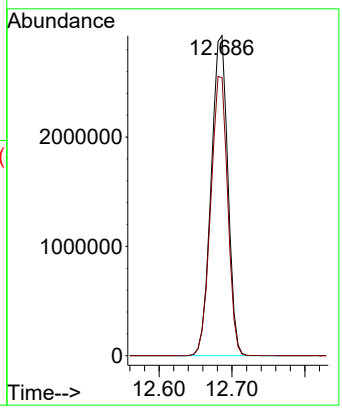


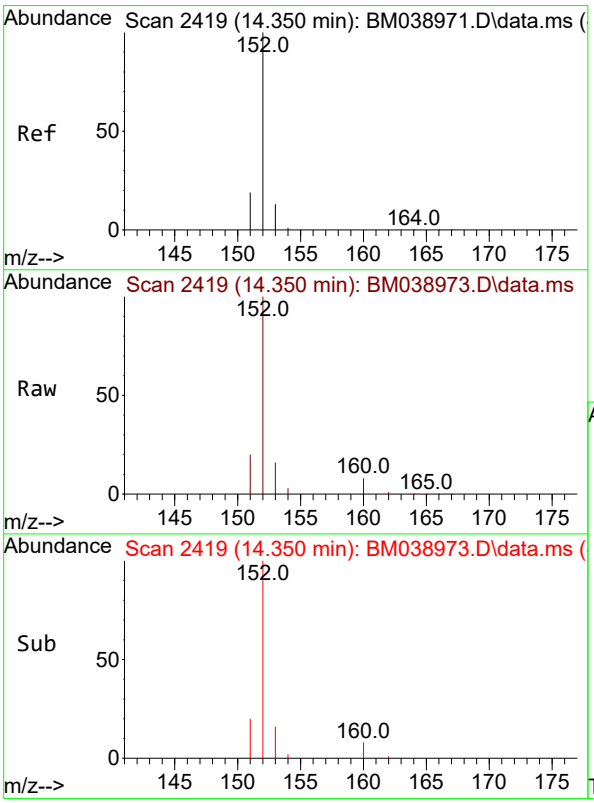
#8
1-Methylnaphthalene
Concen: 95.074 ng/ul
RT: 12.686 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Instrument :
BNA_M
ClientSampleId :
DCAE9

Tgt Ion:142 Resp: 4663311

Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.5	110.3

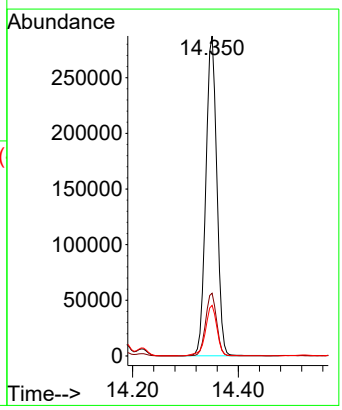


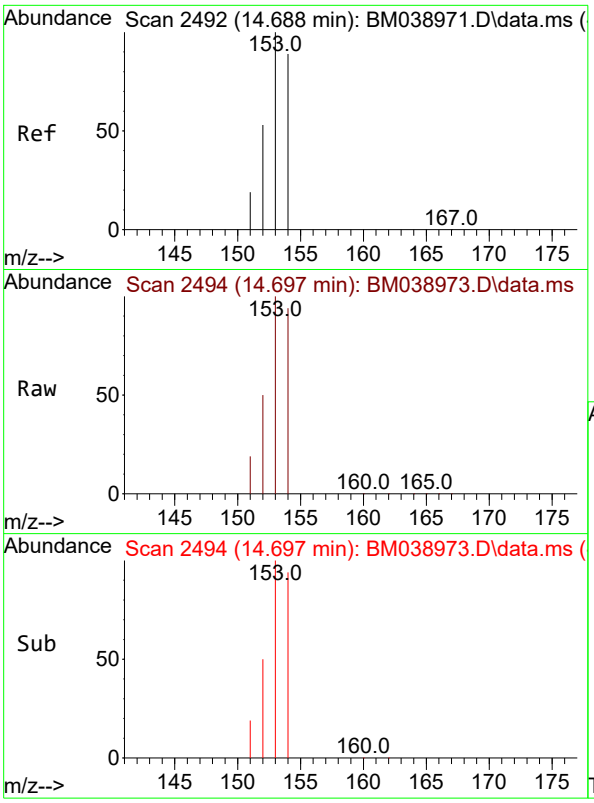


#10
Acenaphthylene
Concen: 3.802 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Tgt Ion:152 Resp: 414568

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



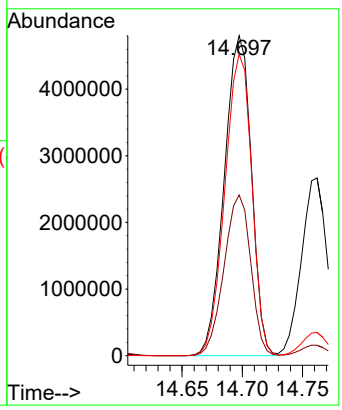


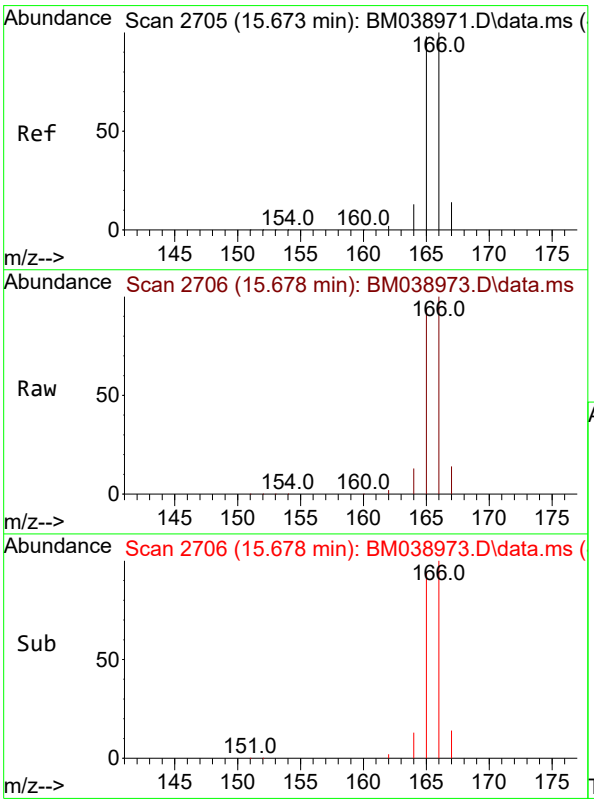
#11
Acenaphthene
Concen: 84.117 ng/ul
RT: 14.697 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Instrument :
BNA_M
ClientSampleId :
DCAE9

Tgt Ion:153 Resp: 7543761

Ion	Ratio	Lower	Upper
153	100		
152	50.2	44.2	66.2
154	94.2	70.6	105.8

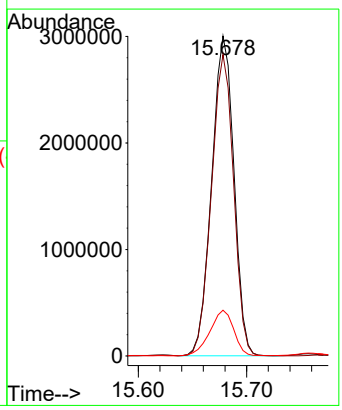


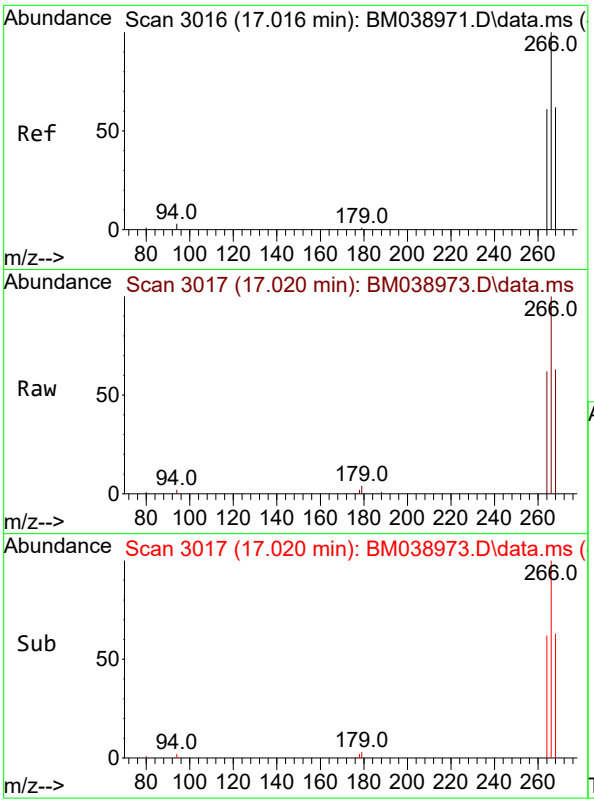


#12
Fluorene
Concen: 42.384 ng/ul
RT: 15.678 min Scan# 2706
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Tgt Ion:166 Resp: 4291262

Ion	Ratio	Lower	Upper
166	100		
165	94.2	77.8	116.6
167	14.3	11.4	17.2



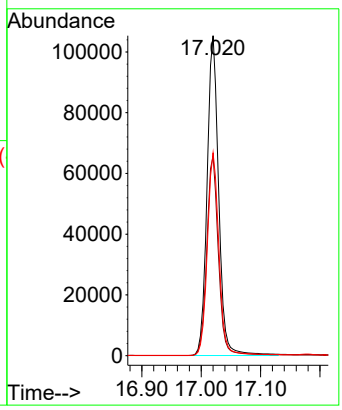


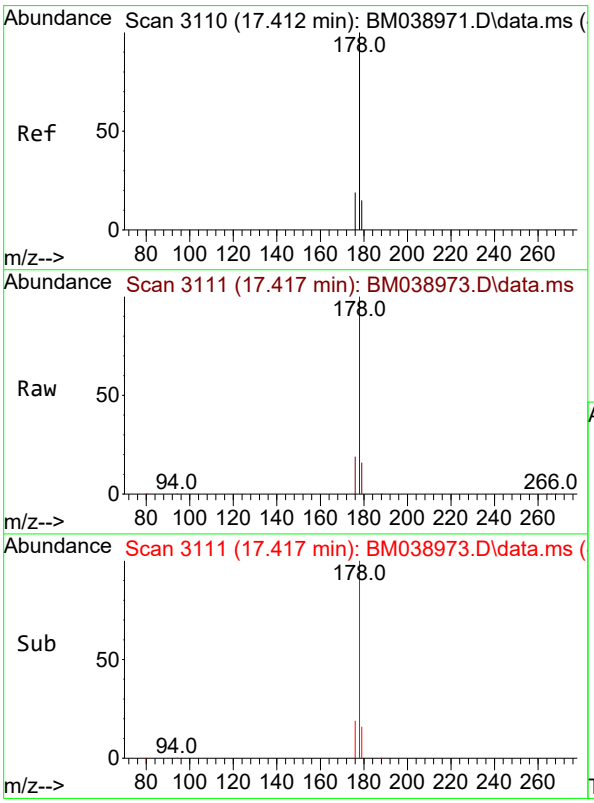
#14
Pentachlorophenol
Concen: 11.784 ng/ul
RT: 17.020 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Instrument :
BNA_M
ClientSampleId :
DCAE9

Tgt Ion:266 Resp: 142747

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.2
268	63.8	50.2	75.4

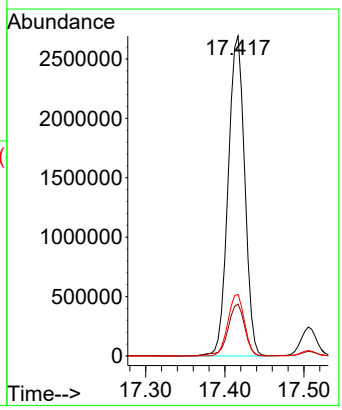


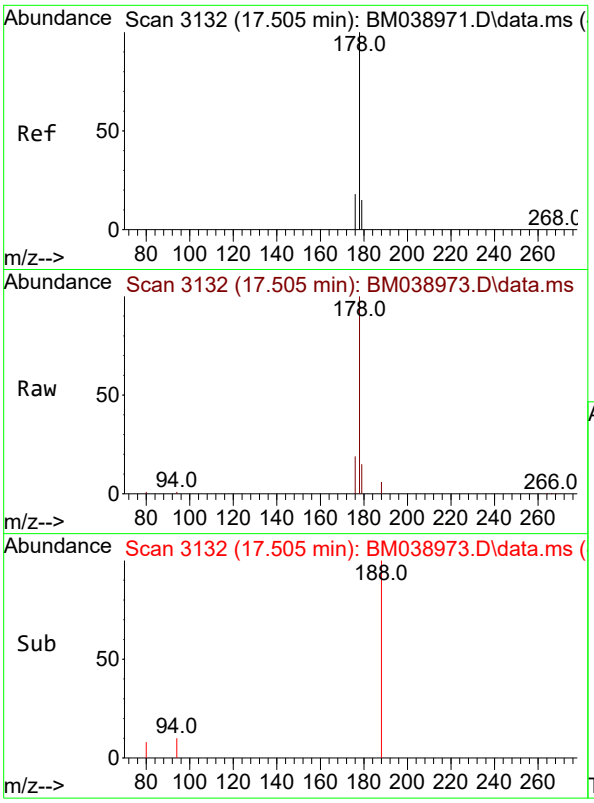


#15
Phenanthrene
Concen: 29.347 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Tgt Ion:178 Resp: 3905279

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	19.2	15.9	23.9



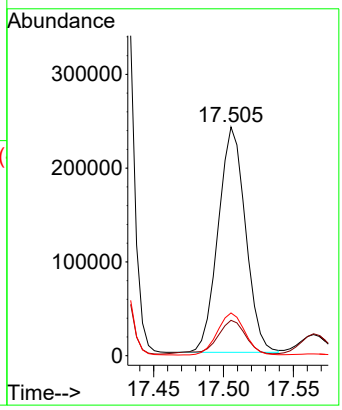


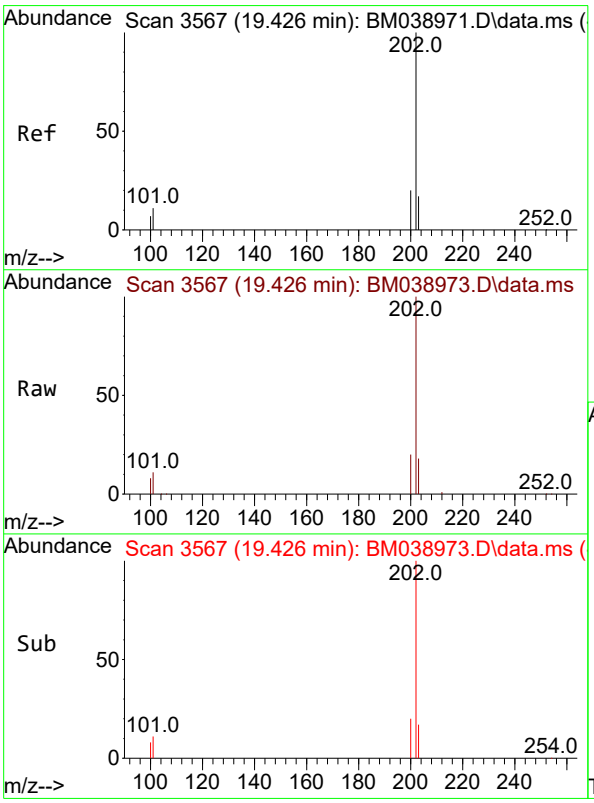
#16
Anthracene
Concen: 2.979 ng/ul
RT: 17.505 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Instrument :
BNA_M
ClientSampleId :
DCAE9

Tgt Ion:178 Resp: 326453

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	18.7	15.4	23.2

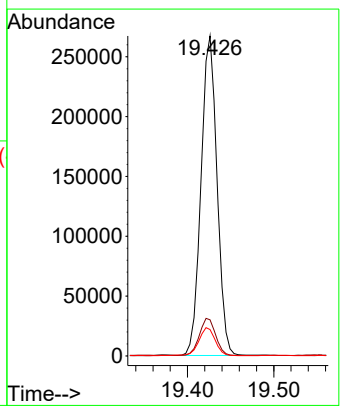


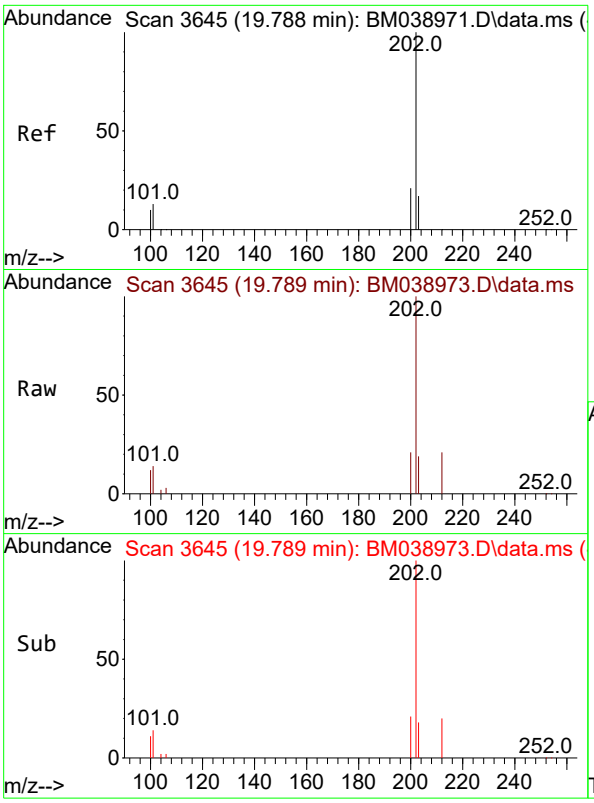


#19
Fluoranthene
Concen: 2.931 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Tgt Ion:202 Resp: 344630

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
100	8.2	6.8	10.2



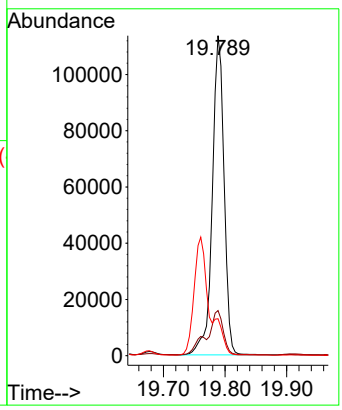


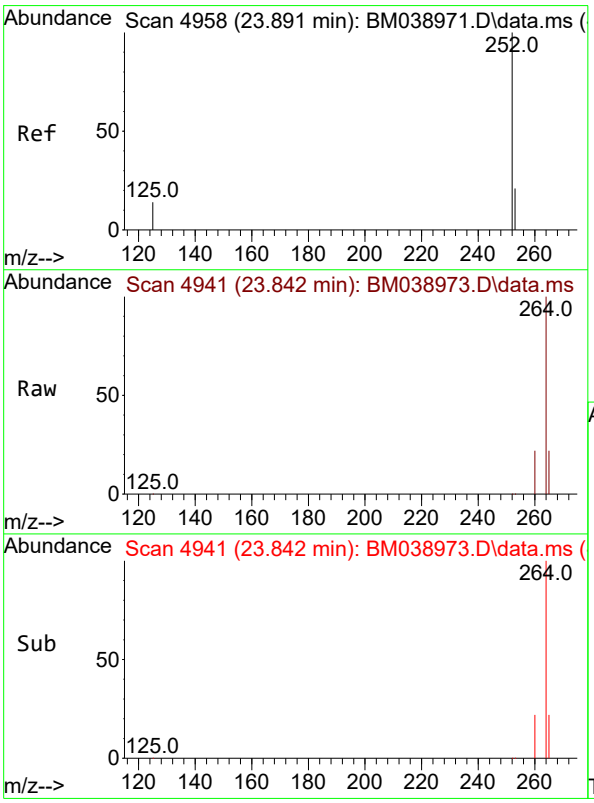
#20
Pyrene
Concen: 1.243 ng/ul
RT: 19.789 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Instrument :
BNA_M
ClientSampleId :
DCAE9

Tgt Ion:202 Resp: 150144

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.2	16.8
100	11.6	9.0	13.6





#26
Benzo(a)pyrene
Concen: 0.107 ng/ul
RT: 23.842 min Scan# 4941
Delta R.T. -0.047 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

Tgt Ion:252 Resp: 8490

Ion	Ratio	Lower	Upper
252	100		
253	42.0	20.3	30.5#
125	40.8	14.0	21.0#