Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038100.D
Acq On : 19 Dec 2022 13:38
Operator : CG/JU
Sample : N6006-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXY9

Quant Time: Dec 19 14:18:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	4687	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	14977	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	8410	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	17709	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	15540	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	14751	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	33990	5.306	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	8681	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	20093	0.357	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.917	128	13043	0.287	ng/ul	100
7) 2-Methylnaphthalene	12.517	142	5229	0.188	ng/ul	98
8) 1-Methylnaphthalene	12.737	142	4215	0.148	ng/ul	99
10) Acenaphthylene	14.402	152	27830	0.631	ng/ul	100
11) Acenaphthene	14.740	153	6875	0.206	ng/ul	99
12) Fluorene	15.721	166	7191	0.194	ng/ul	99
14) Pentachlorophenol	17.067	266	273	0.037	ng/ul	94
15) Phenanthrene	17.455	178	196994	3.303	ng/ul	99
16) Anthracene	17.548	178	45333	0.822	ng/ul	99
19) Fluoranthene	19.464	202	637319	7.940	ng/ul	96
20) Pyrene	19.826	202	563126	6.873	ng/ul	97
21) Benzo(a)anthracene	21.565	228	311065	4.633	ng/ul	99
22) Chrysene	21.618	228	323644	4.779	ng/ul	98
24) Benzo(b)fluoranthene	23.284	252	486675	6.957	ng/ul	89
26) Benzo(a)pyrene	23.927	252	307619	5.221	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.592	276	229593	3.105	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.599	278	54059	0.938	ng/ul	99
29) Benzo(g,h,i)perylene	27.387	276	216239	3.442	ng/ul	97

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

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Quant Time: Dec 19 14:18:30 2022
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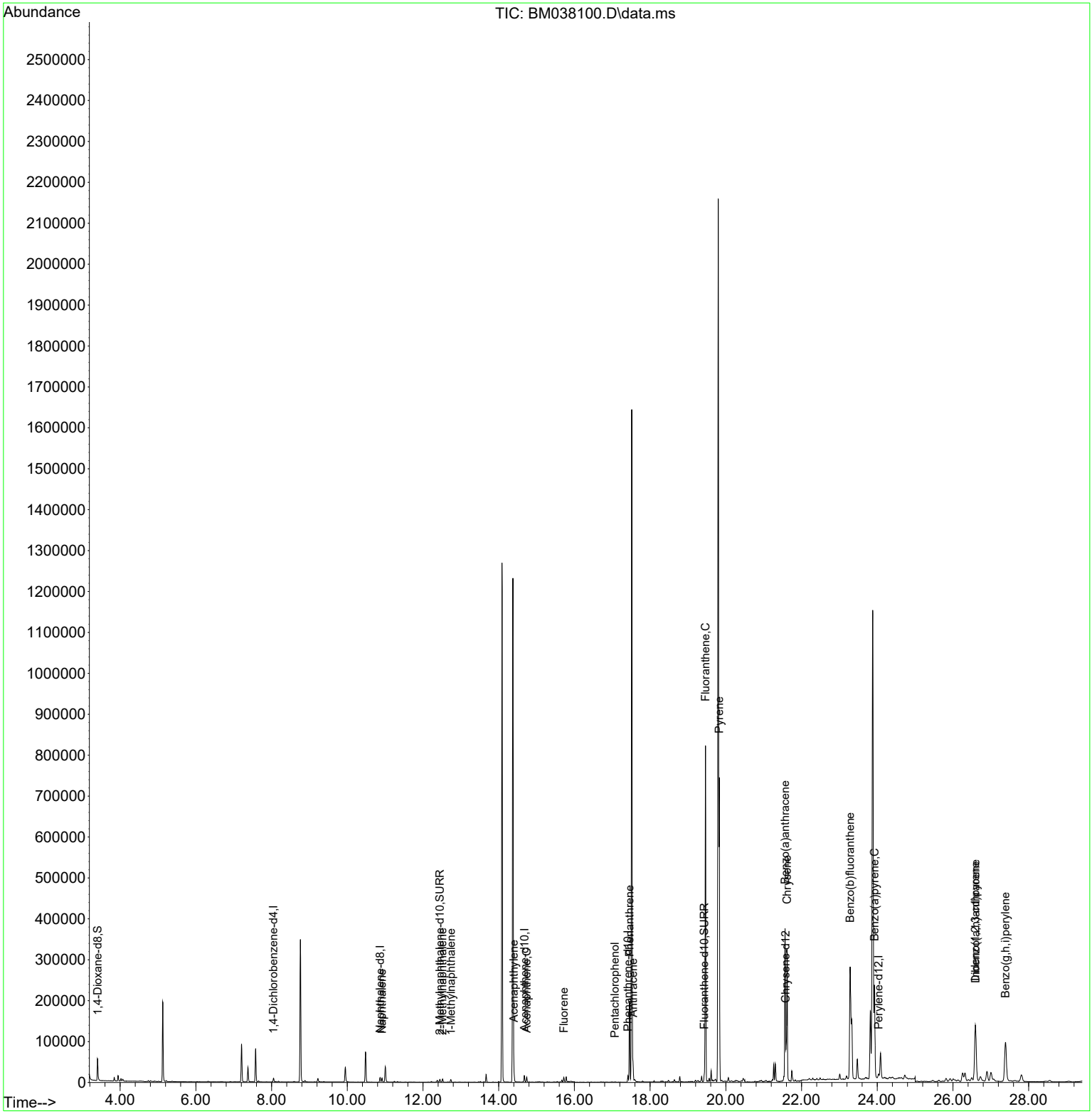
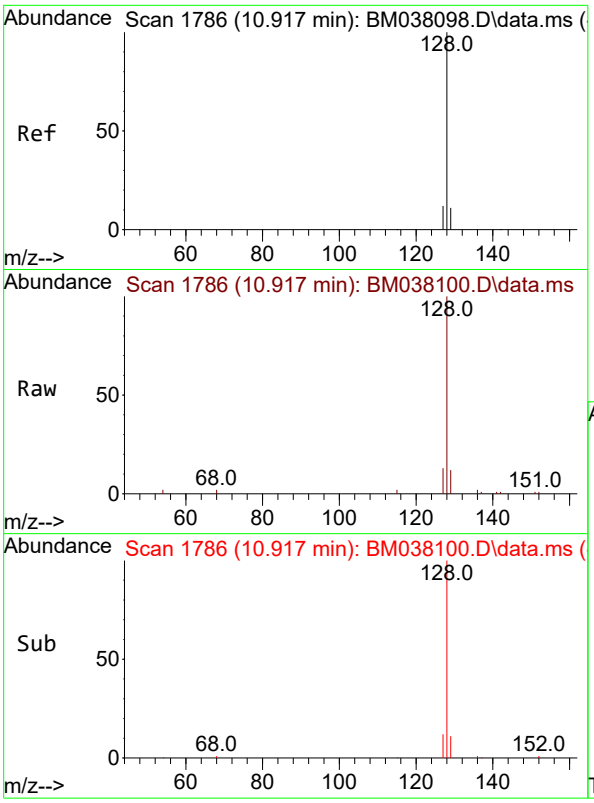


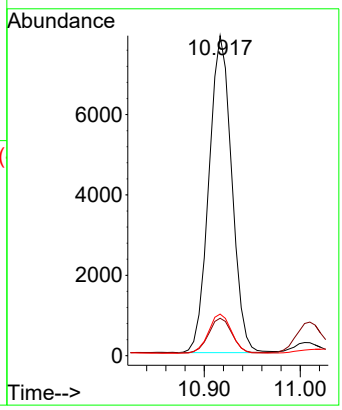


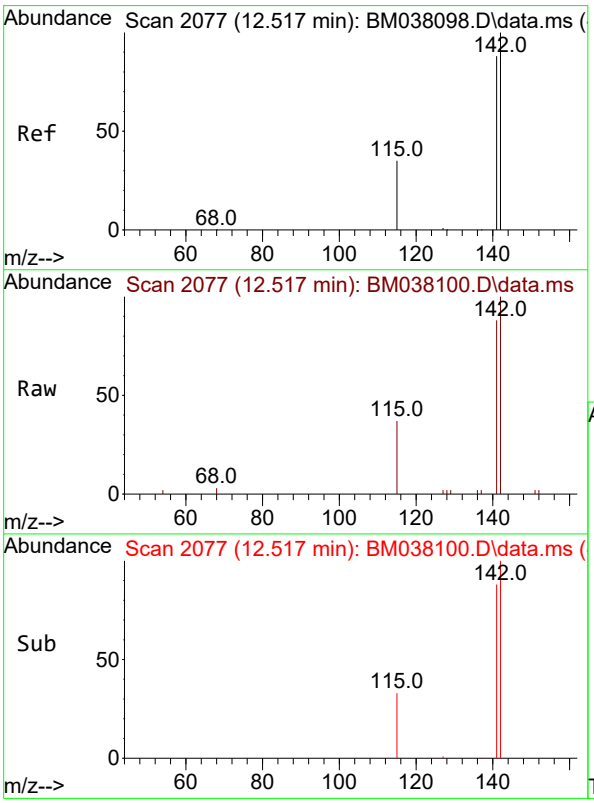
#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.917 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9

Tgt Ion:128 Resp: 13043

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.0	10.4	15.6

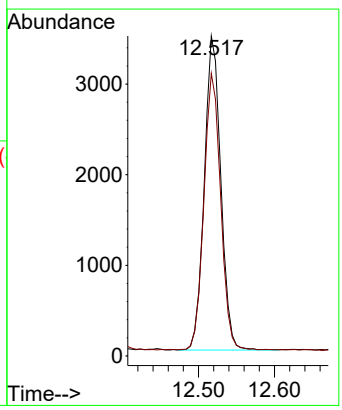


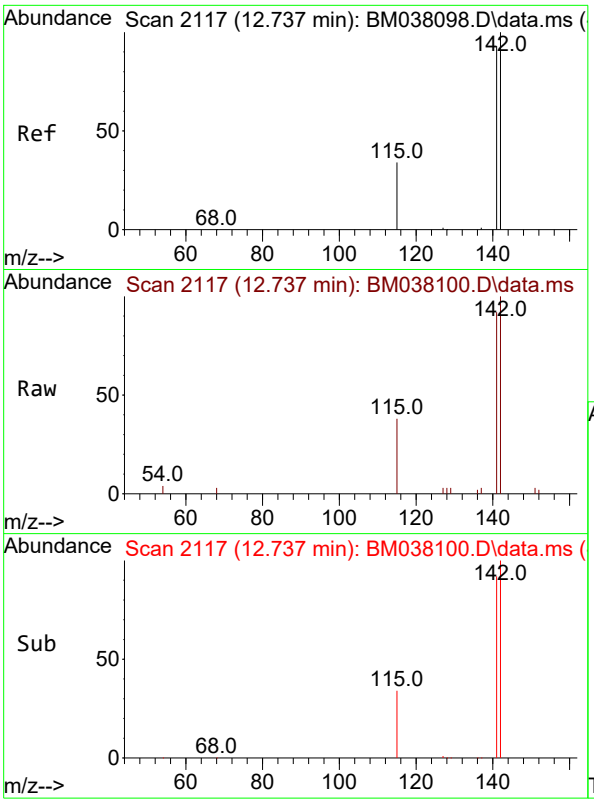


#7
2-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Tgt Ion:142 Resp: 5229

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.4	105.6



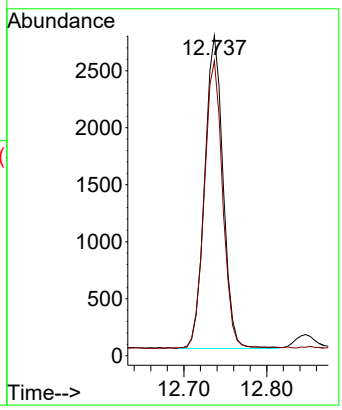


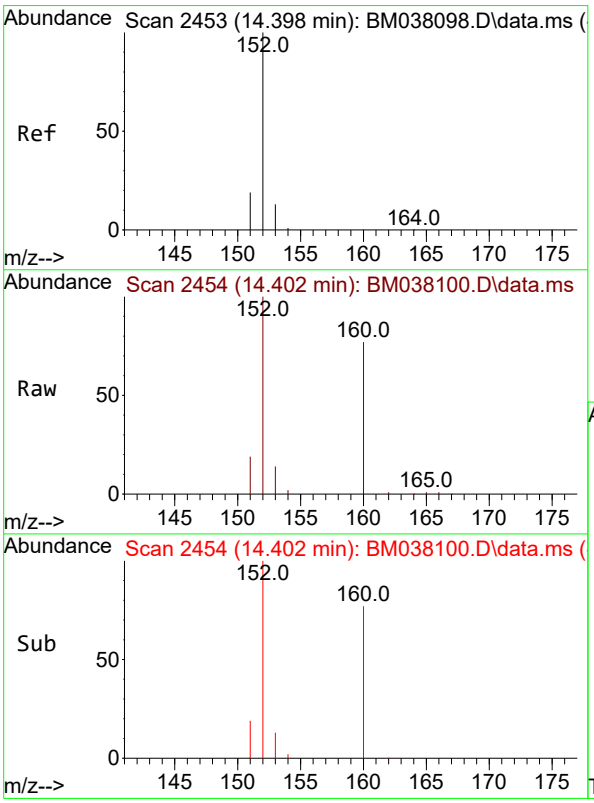
#8
1-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.737 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9

Tgt Ion:142 Resp: 4215

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.6	110.4

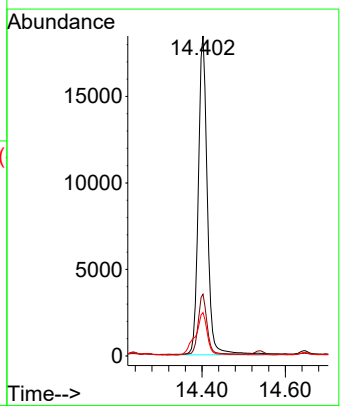


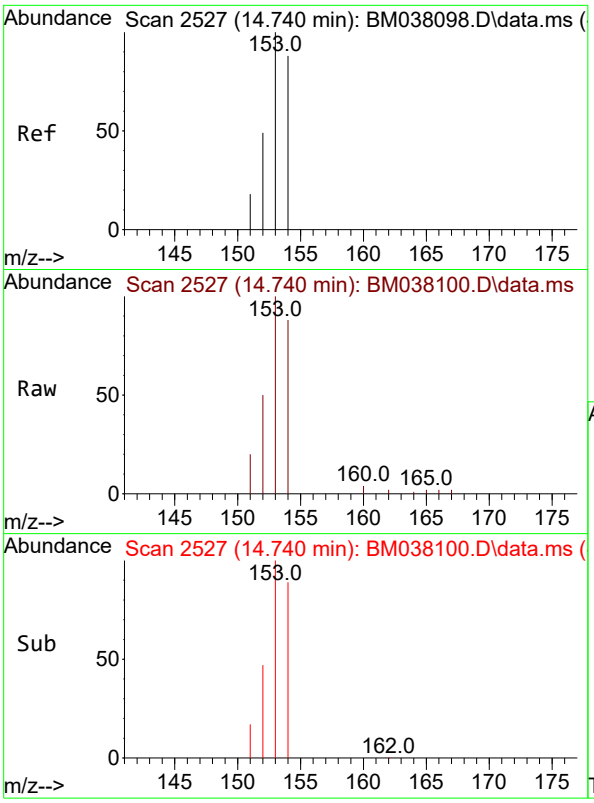


#10
Acenaphthylene
Concen: 0.631 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Tgt Ion:152 Resp: 27830

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.6	11.0	16.4



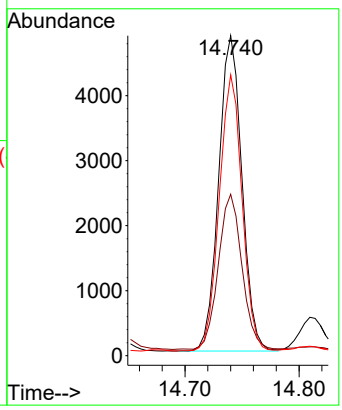


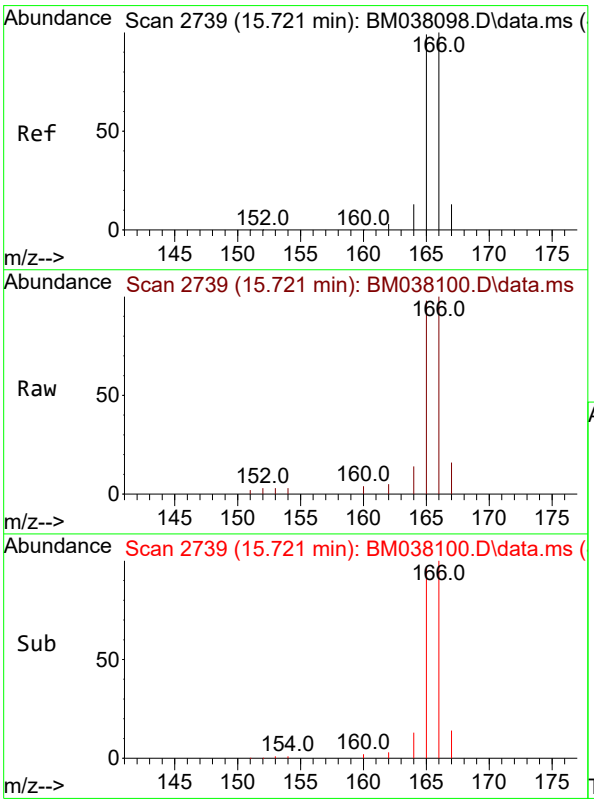
#11
Acenaphthene
Concen: 0.206 ng/ul
RT: 14.740 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9

Tgt Ion:153 Resp: 6875

Ion	Ratio	Lower	Upper
153	100		
152	50.5	39.5	59.3
154	87.7	69.2	103.8

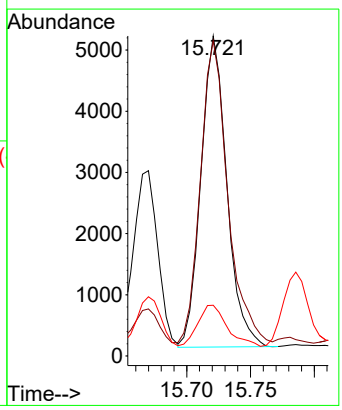


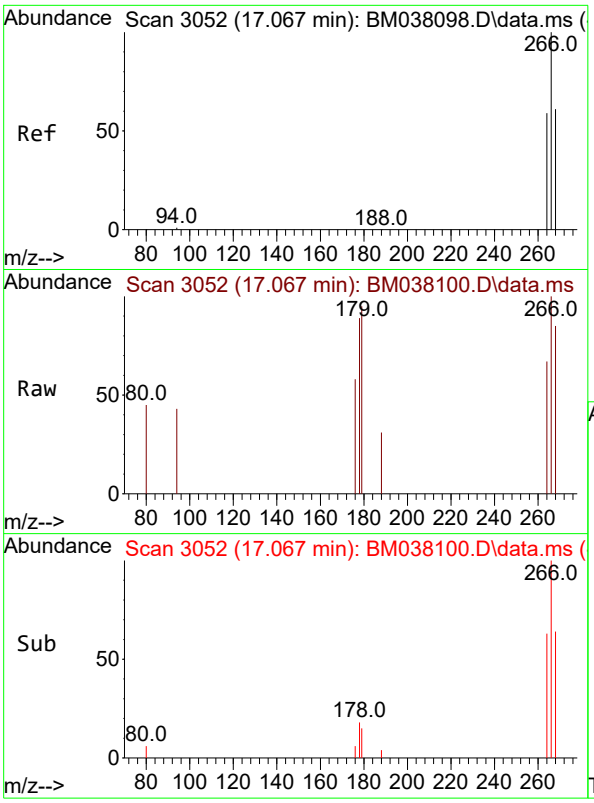


#12
Fluorene
Concen: 0.194 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Tgt Ion:166 Resp: 7191

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	15.8	11.1	16.7



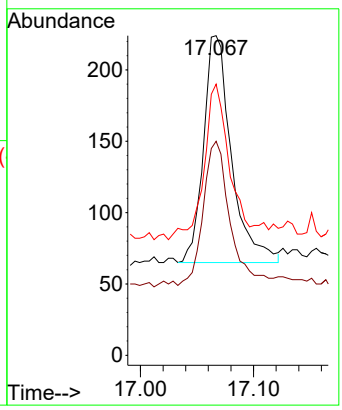


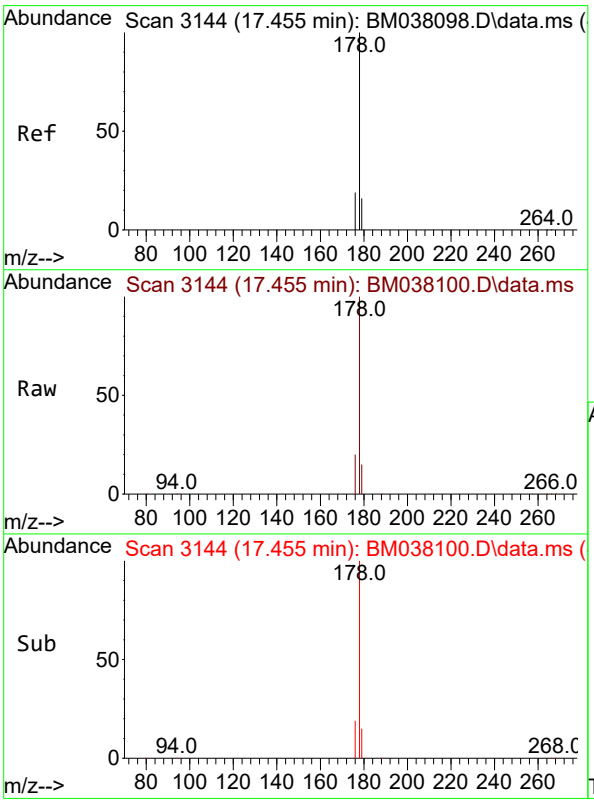
#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 17.067 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9

Tgt Ion:266 Resp: 273

Ion	Ratio	Lower	Upper
266	100		
264	65.9	49.9	74.9
268	70.3	52.0	78.0

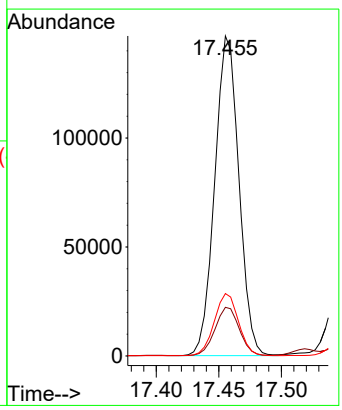


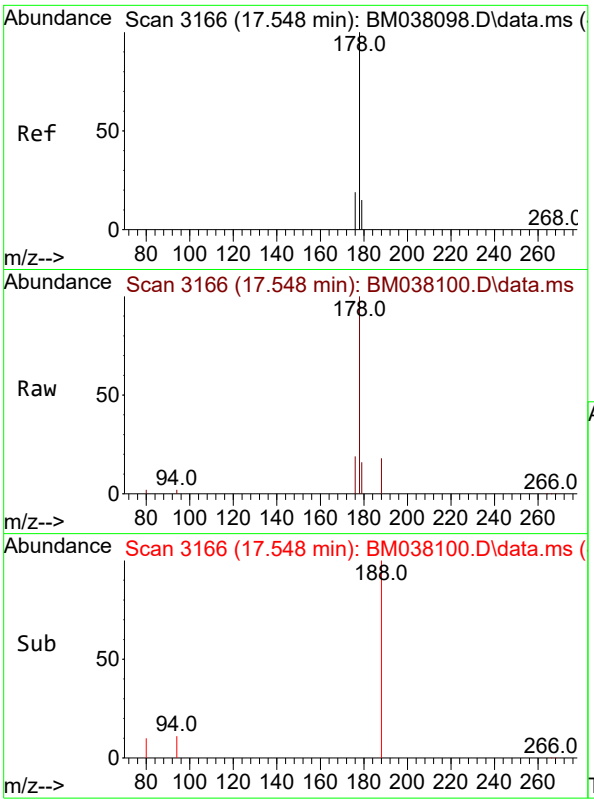


#15
Phenanthrene
Concen: 3.303 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Tgt Ion:178 Resp: 196994

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.5	15.8	23.6



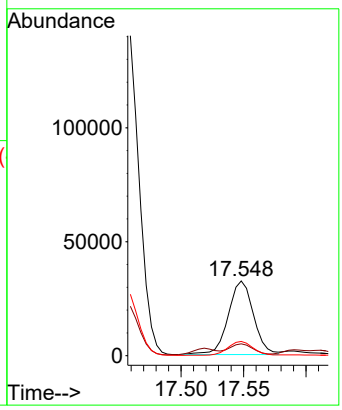


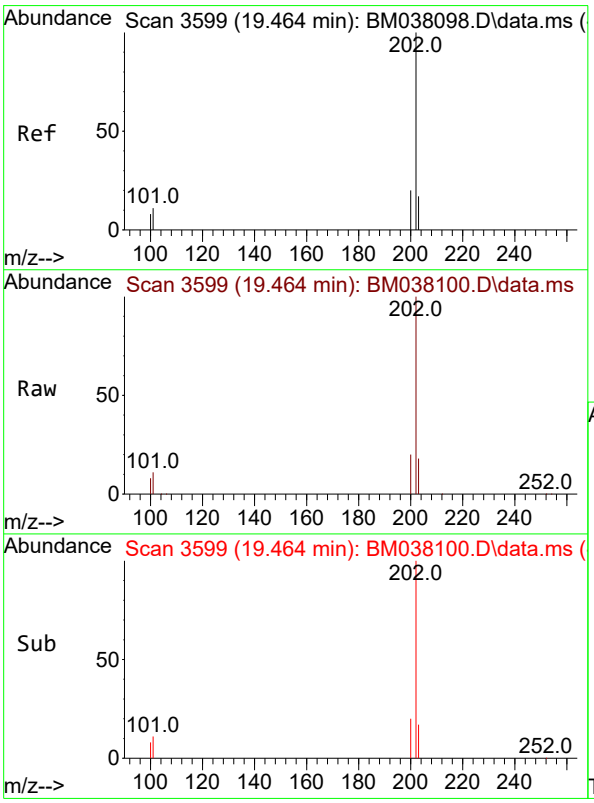
#16
Anthracene
Concen: 0.822 ng/ul
RT: 17.548 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9

Tgt Ion:178 Resp: 45333

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	19.1	15.0	22.4

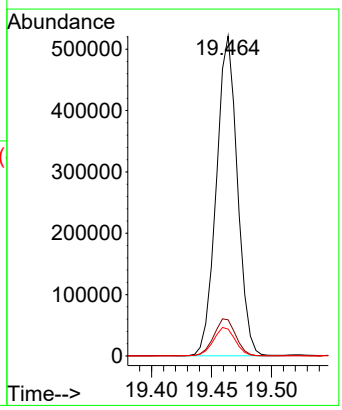


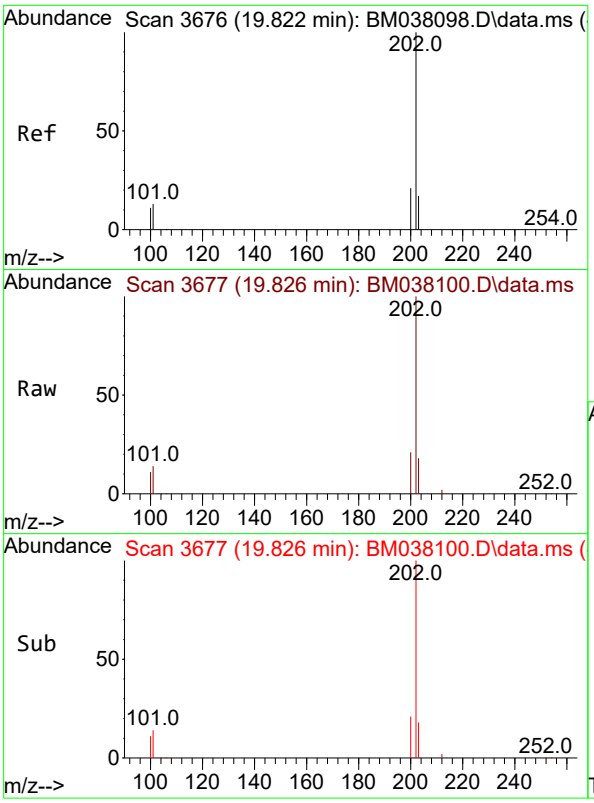


#19
Fluoranthene
Concen: 7.940 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Tgt Ion:202 Resp: 637319

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.6	15.8
100	8.4	7.9	11.9



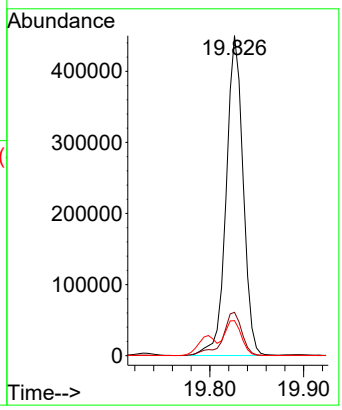


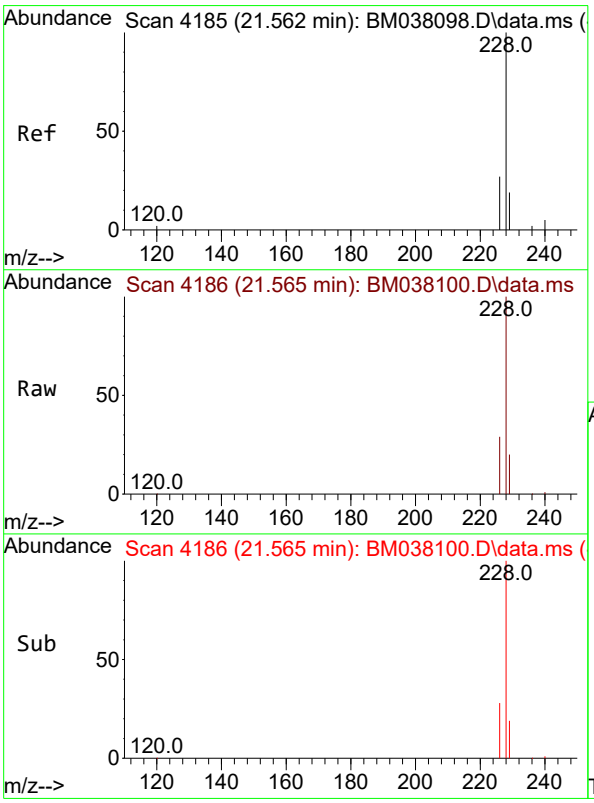
#20
Pyrene
Concen: 6.873 ng/ul
RT: 19.826 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9

Tgt Ion:202 Resp: 563126

Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.1	18.1
100	11.0	9.8	14.6

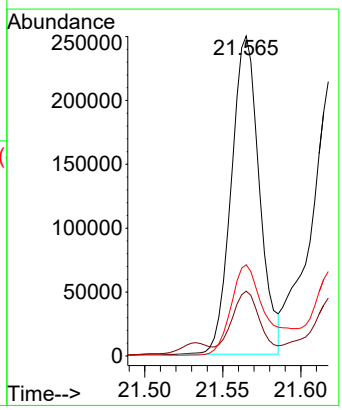


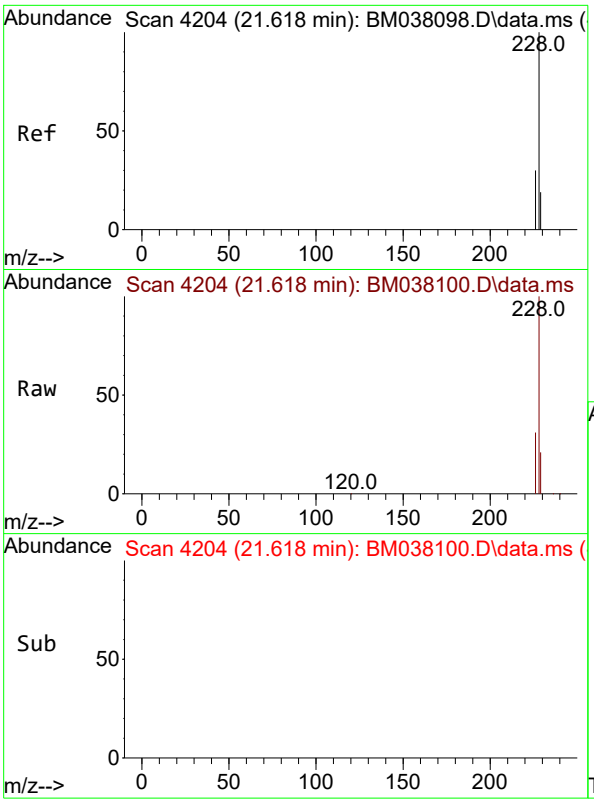


#21
Benzo(a)anthracene
Concen: 4.633 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Tgt Ion:228 Resp: 311065

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.5	22.1	33.1



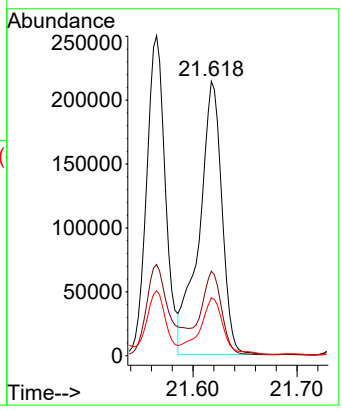


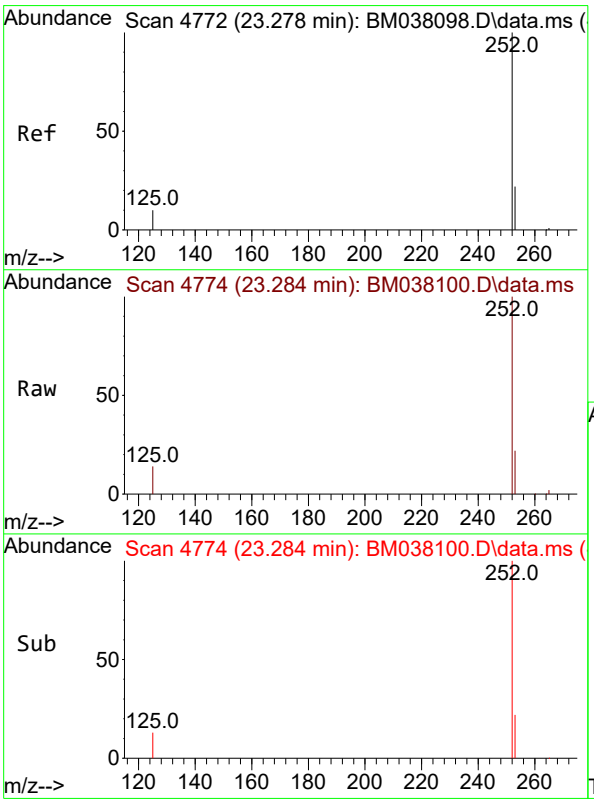
#22
Chrysene
Concen: 4.779 ng/ul
RT: 21.618 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9

Tgt Ion:228 Resp: 323644

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	21.1	15.7	23.5

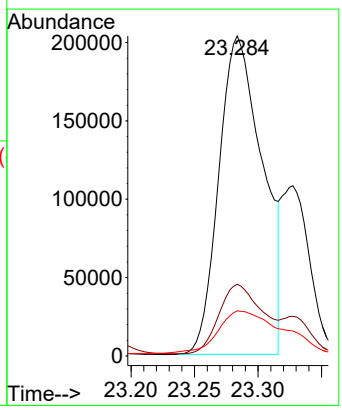


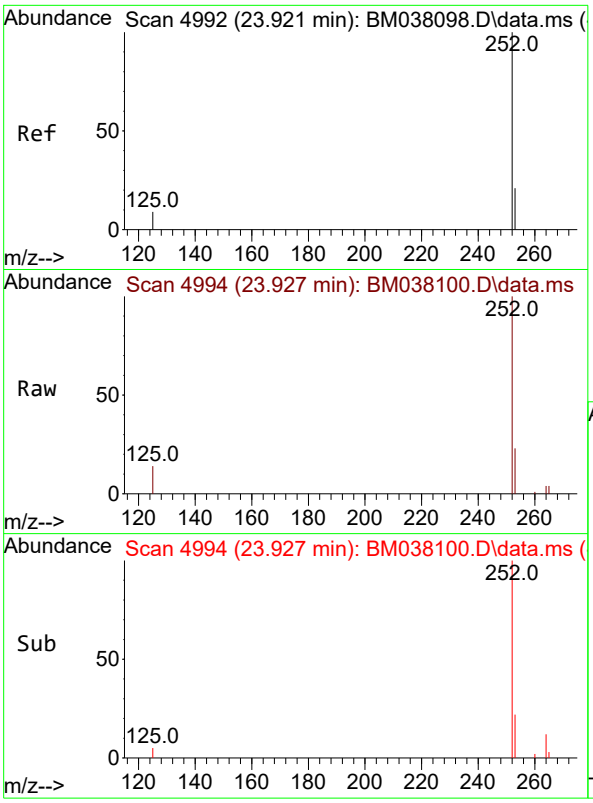


#24
Benzo(b)fluoranthene
Concen: 6.957 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Tgt Ion:252 Resp: 486675

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	51.8
125	14.1	0.0	42.2



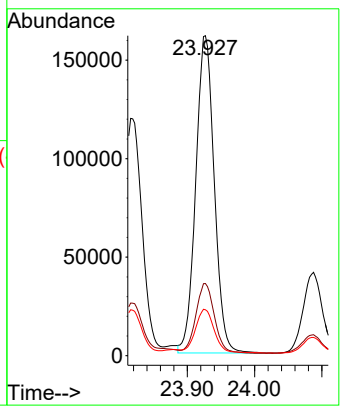


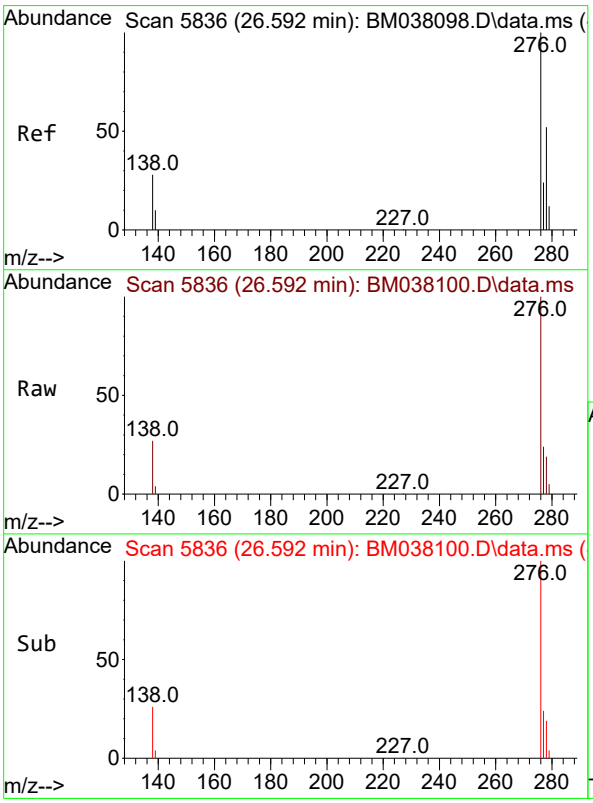
#26
Benzo(a)pyrene
Concen: 5.221 ng/ul
RT: 23.927 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9

Tgt Ion:252 Resp: 307619

Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.9	32.9
125	14.3	20.7	31.1#

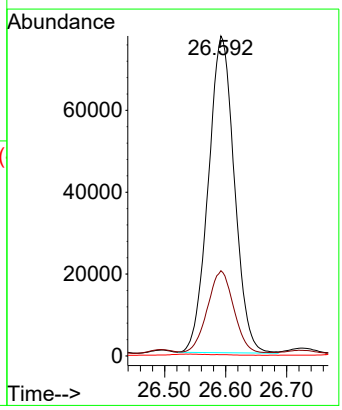


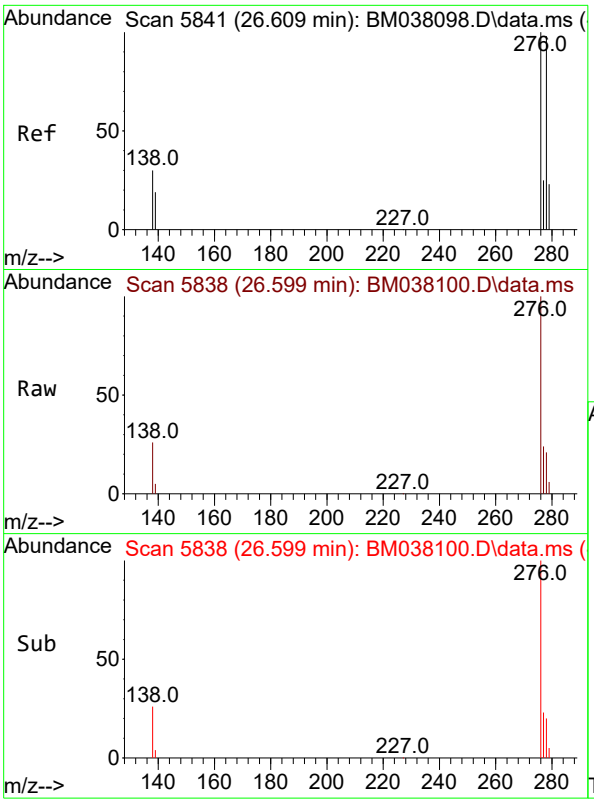


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.105 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Tgt Ion:276 Resp: 229593

Ion	Ratio	Lower	Upper
276	100		
138	26.5	26.6	40.0#
227	0.0	0.1	0.1#



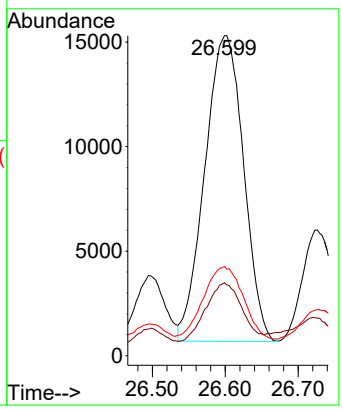


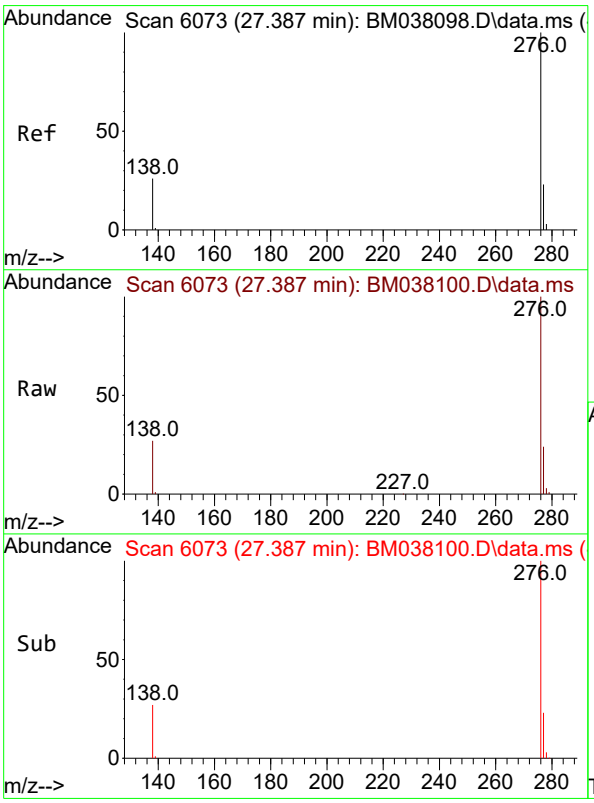
#28
Dibenzo(a,h)anthracene
Concen: 0.938 ng/ul
RT: 26.599 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Instrument :
BNA_M
ClientSampleId :
DBXY9

Tgt Ion:278 Resp: 54059

Ion	Ratio	Lower	Upper
278	100		
139	22.8	19.0	28.6
279	27.9	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 3.442 ng/ul
RT: 27.387 min Scan# 6073
Delta R.T. -0.007 min
Lab File: BM038100.D
Acq: 19 Dec 2022 13:38

Tgt Ion:276 Resp: 216239

Ion	Ratio	Lower	Upper
276	100		
138	27.2	24.1	36.1
277	23.7	19.0	28.6