Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038106.D
Acq On : 19 Dec 2022 17:20
Operator : CG/JU
Sample : N6006-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 19 18:18:21 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

Instrument :
BNA_M
ClientSampleId :
DBXV8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.051	152	5529	0.400	ng/ul		0.00
4) Naphthalene-d8	10.867	136	18150	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.680	164	10519	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.417	188	22500	0.400	ng/ul		0.00
17) Chrysene-d12	21.583	240	16649	0.400	ng/ul	#	0.00
23) Perylene-d12	24.035	264	16531	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.402	96	26329	3.484	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.445	152	8153	0.308	ng/ul		0.00
18) Fluoranthene-d10	19.431	212	18184	0.301	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.917	128	2957	0.054	ng/ul	#	89
7) 2-Methylnaphthalene	12.517	142	2042	0.060	ng/ul		97
8) 1-Methylnaphthalene	12.737	142	1530	0.044	ng/ul		99
10) Acenaphthylene	14.402	152	1477	0.027	ng/ul	#	73
14) Pentachlorophenol	17.067	266	386	0.041	ng/ul		99
15) Phenanthrene	17.455	178	18358	0.242	ng/ul		98
16) Anthracene	17.548	178	2813	0.040	ng/ul	#	82
19) Fluoranthene	19.459	202	56409	0.656	ng/ul	#	93
20) Pyrene	19.826	202	45666m	0.520	ng/ul		
21) Benzo(a)anthracene	21.565	228	24362	0.339	ng/ul	#	95
22) Chrysene	21.618	228	30626	0.422	ng/ul		96
24) Benzo(b)fluoranthene	23.284	252	45656	0.582	ng/ul		94
25) Benzo(k)fluoranthene	23.328	252	16117m	0.213	ng/ul		
26) Benzo(a)pyrene	23.924	252	27594	0.418	ng/ul		95
27) Indeno(1,2,3-cd)pyrene	26.592	276	22509	0.272	ng/ul	#	82
28) Dibenzo(a,h)anthracene	26.609	278	5502	0.085	ng/ul	#	69
29) Benzo(g,h,i)perylene	27.387	276	21558	0.306	ng/ul		98

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

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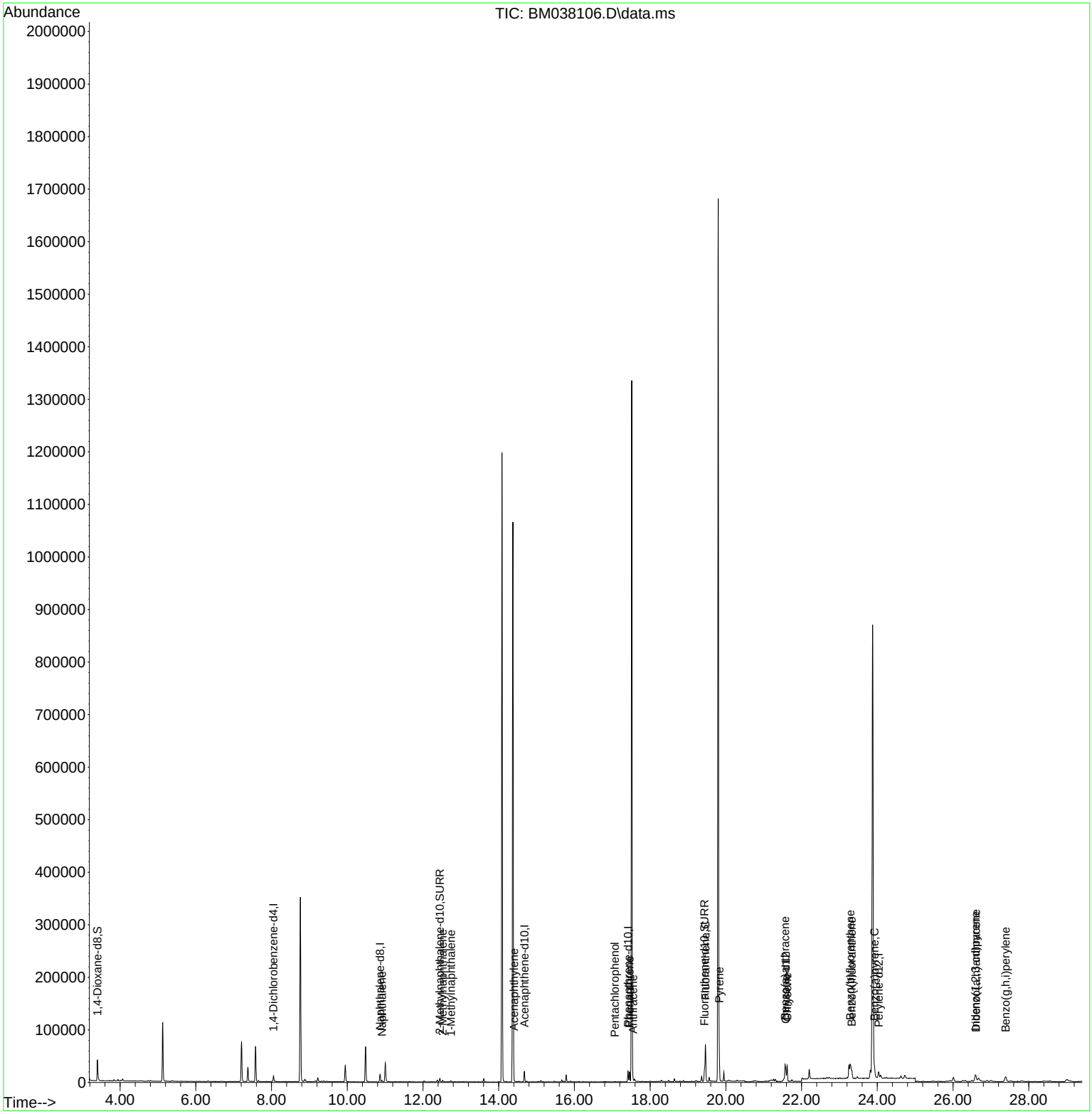
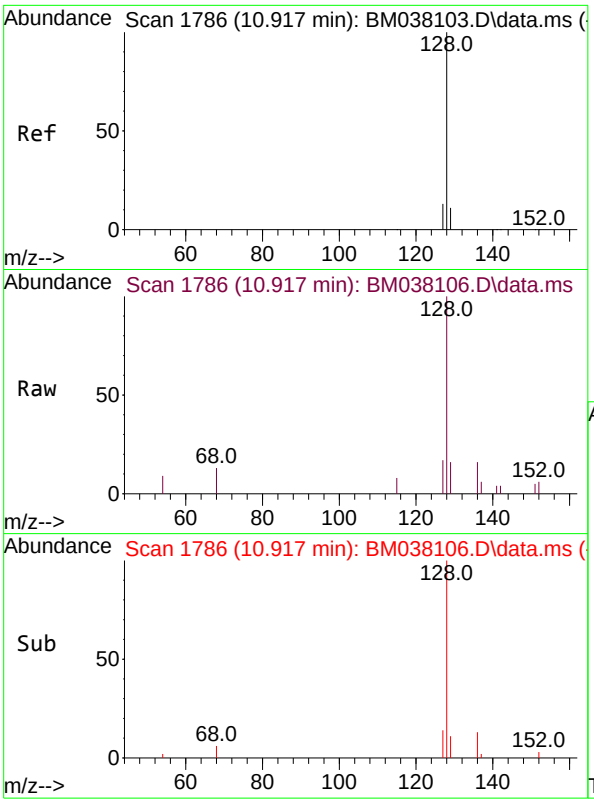
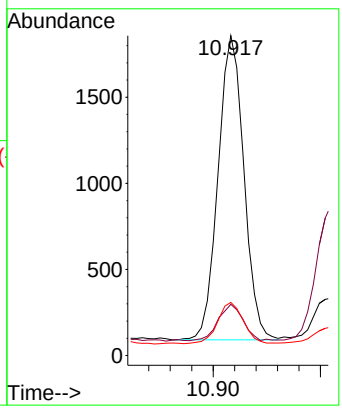




#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:128 Resp: 295

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.1	13.7#
127	16.6	10.4	15.6#



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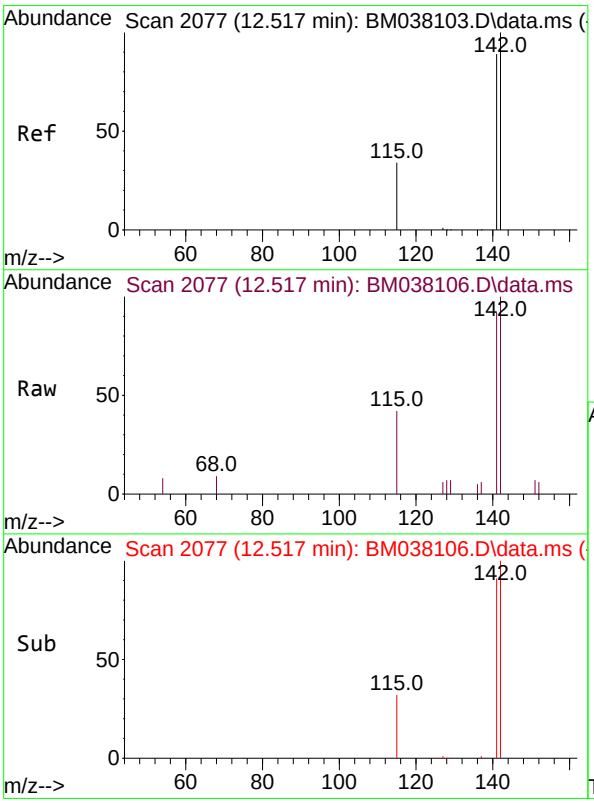
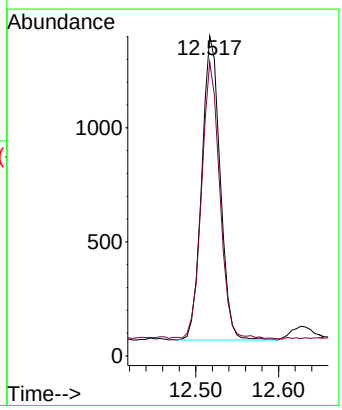
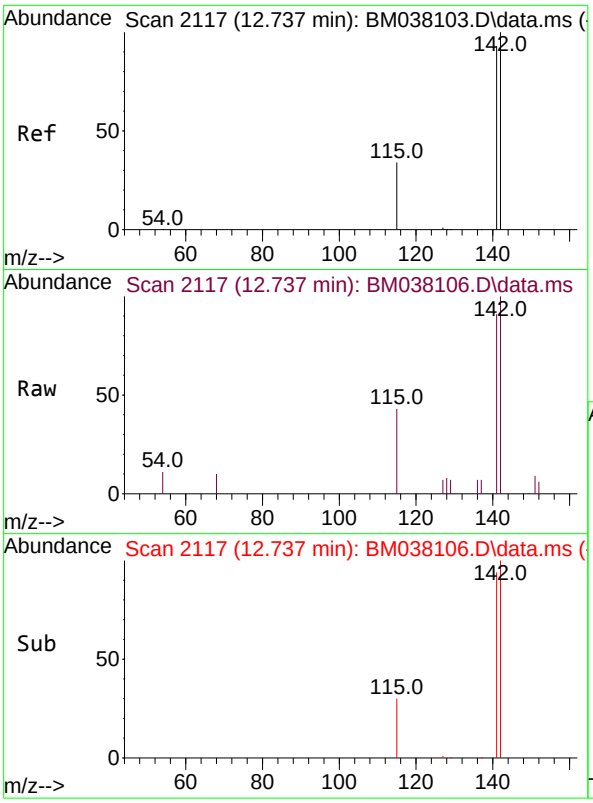


#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:142 Resp: 2042

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.4	105.6





#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.737 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:142 Resp: 153

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.6	110.4

Instrument :
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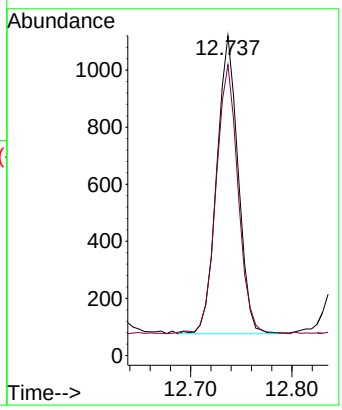
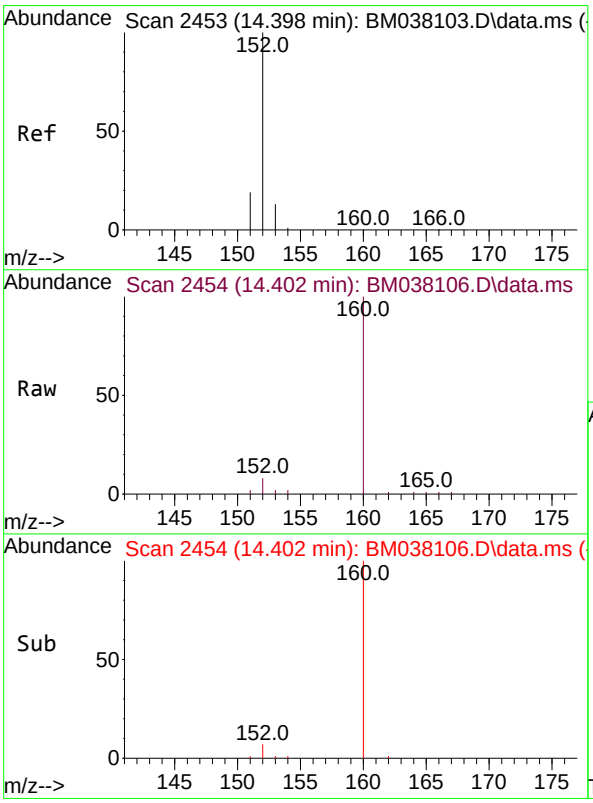
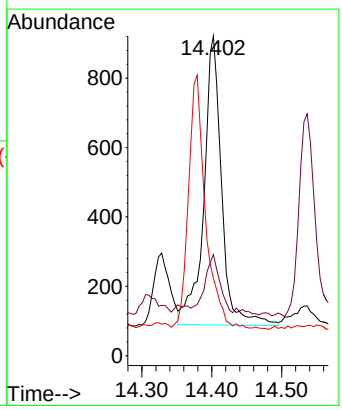


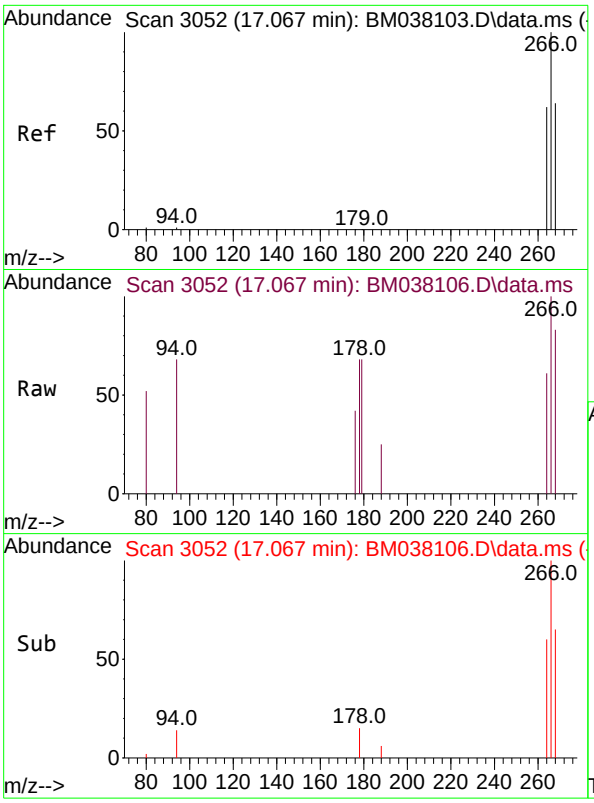


#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:152 Resp: 1477

Ion	Ratio	Lower	Upper
152	100		
151	31.7	15.5	23.3#
153	24.2	11.0	16.4#

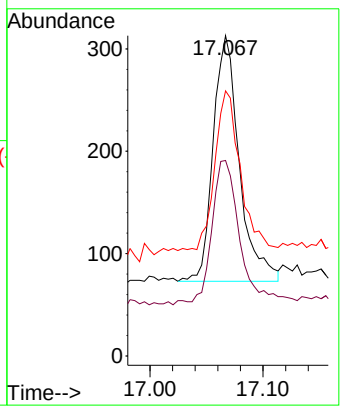




#14
Pentachlorophenol
Concen: 0.041 ng/ul
RT: 17.067 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:266 Resp: 38

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.9	74.9
268	66.1	52.0	78.0



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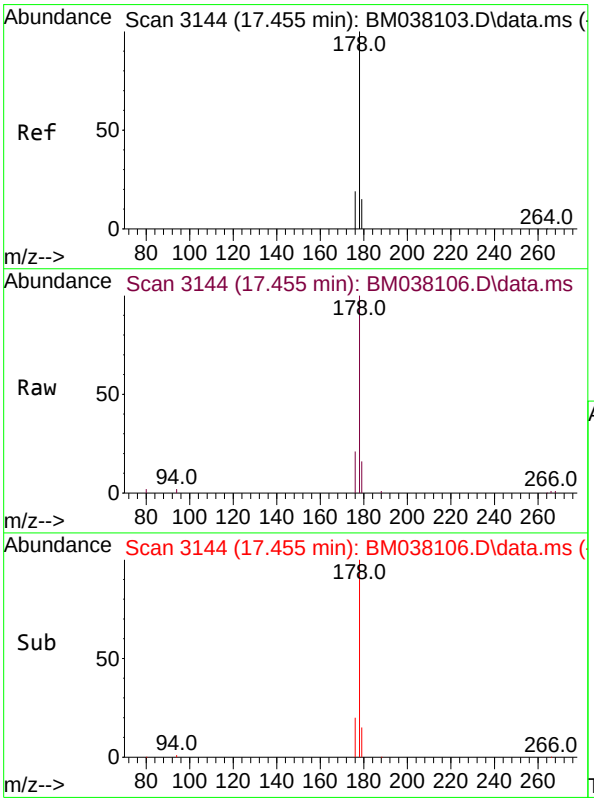
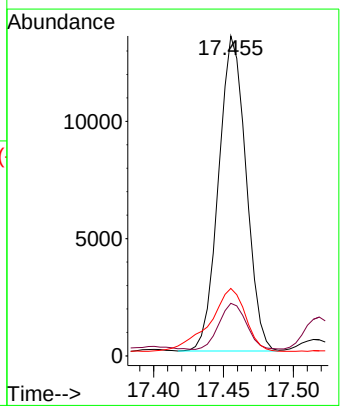
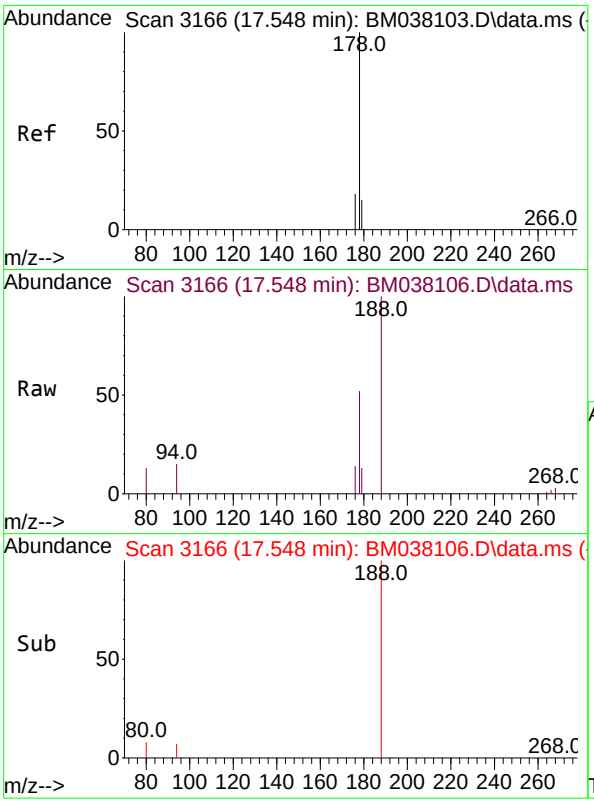


#15
Phenanthrene
Concen: 0.242 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:178 Resp: 18358

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	21.1	15.8	23.6

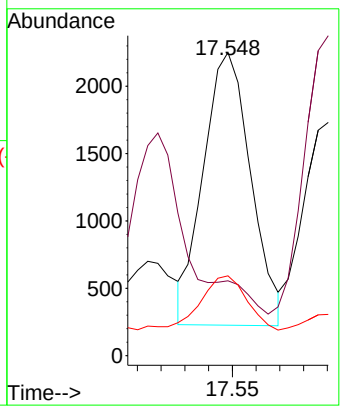




#16
Anthracene
Concen: 0.040 ng/ul
RT: 17.548 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:178 Resp: 281

Ion	Ratio	Lower	Upper
178	100		
179	24.7	13.0	19.4#
176	26.3	15.0	22.4#



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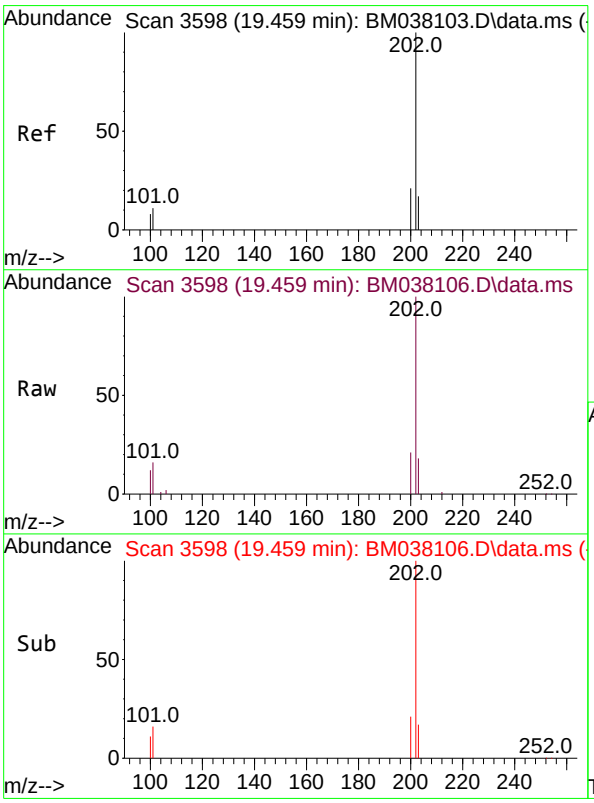
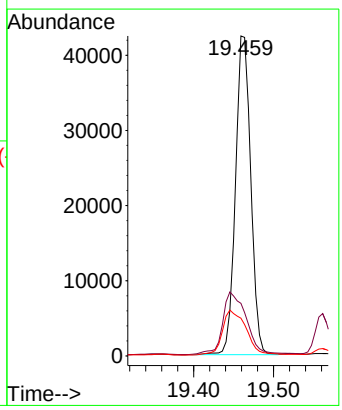
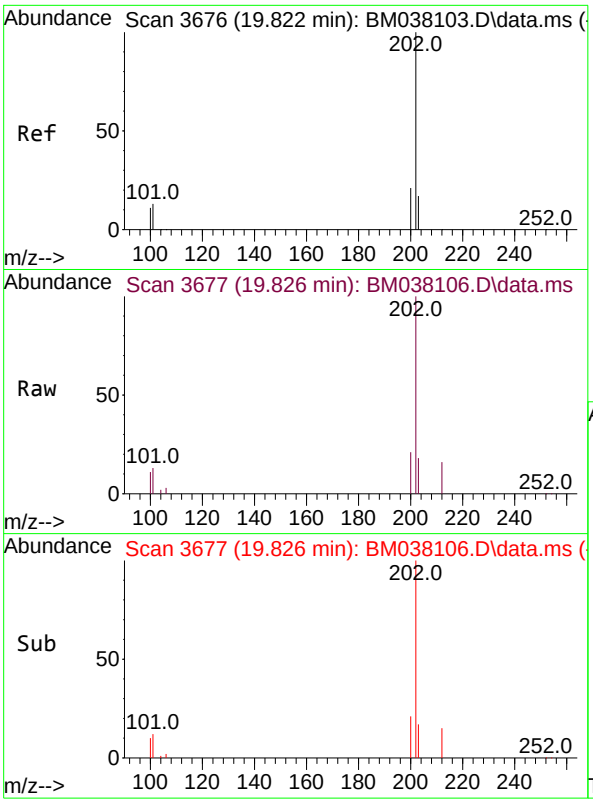


#19
Fluoranthene
Concen: 0.656 ng/ul
RT: 19.459 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:202 Resp: 56409

Ion	Ratio	Lower	Upper
202	100		
101	16.4	10.6	15.8#
100	11.8	7.9	11.9





#20
Pyrene
Concen: 0.520 ng/ul m
RT: 19.826 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:202 Resp: 4566

Ion	Ratio	Lower	Upper
202	100		
101	13.2	12.1	18.1
100	10.8	9.8	14.6

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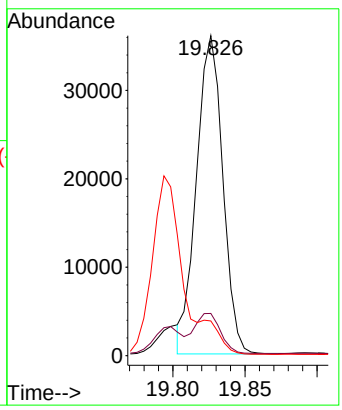
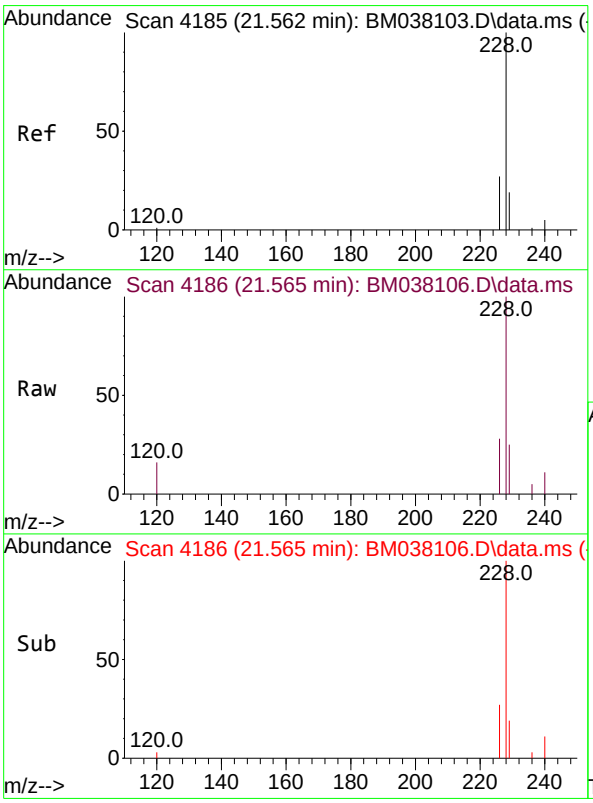
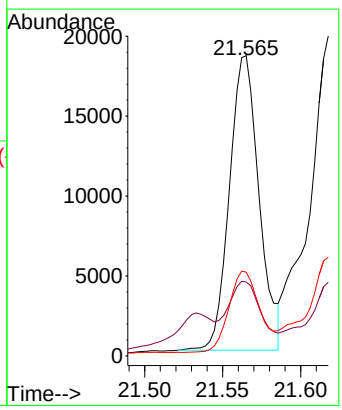


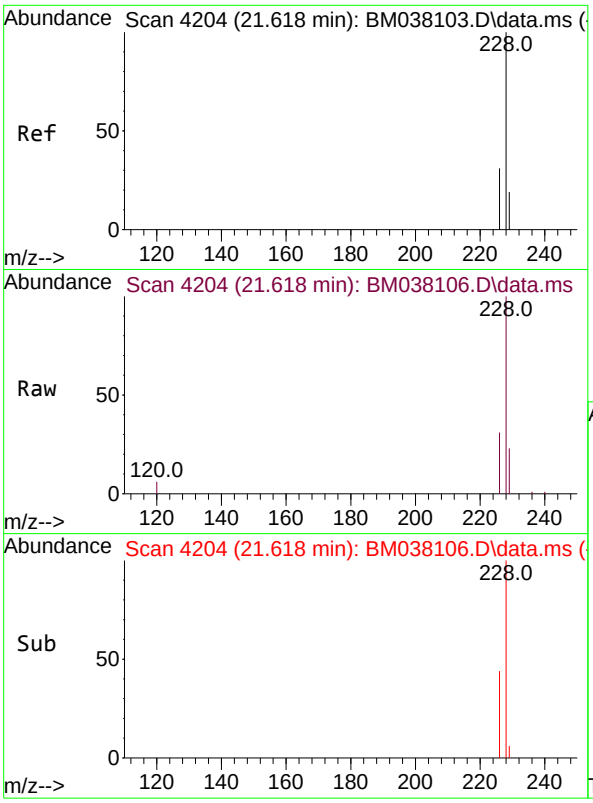


#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:228 Resp: 24362

Ion	Ratio	Lower	Upper
228	100		
229	24.6	15.9	23.9#
226	27.9	22.1	33.1

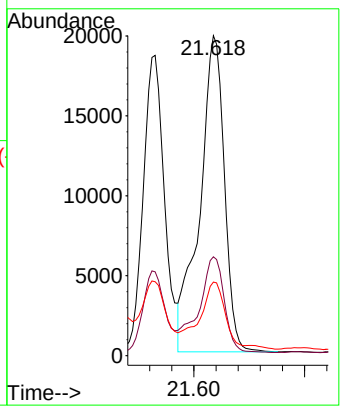




#22
Chrysene
Concen: 0.422 ng/ul
RT: 21.618 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:228 Resp: 3062

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	23.0	15.7	23.5



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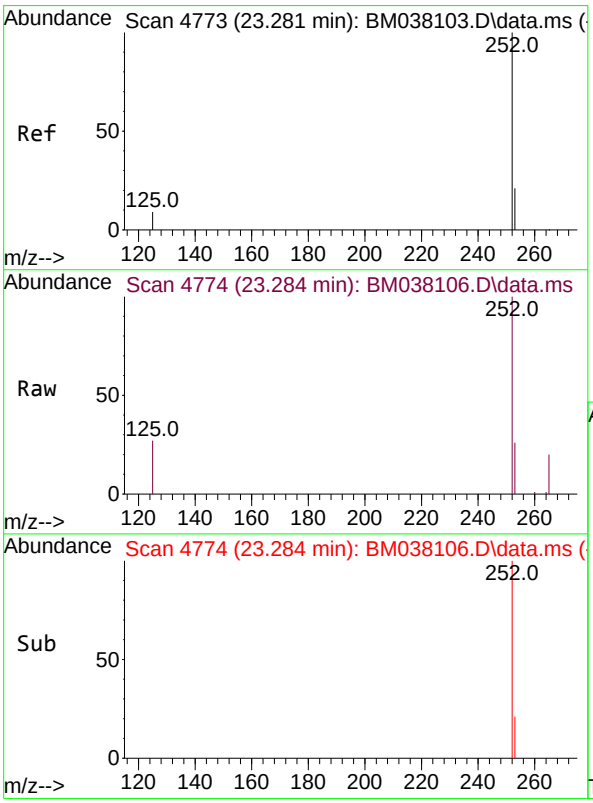
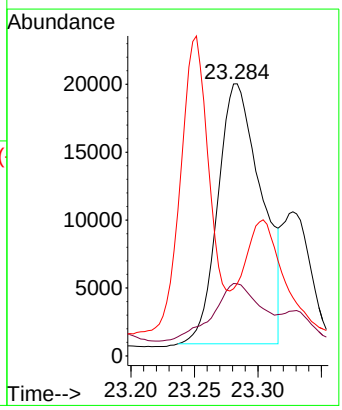
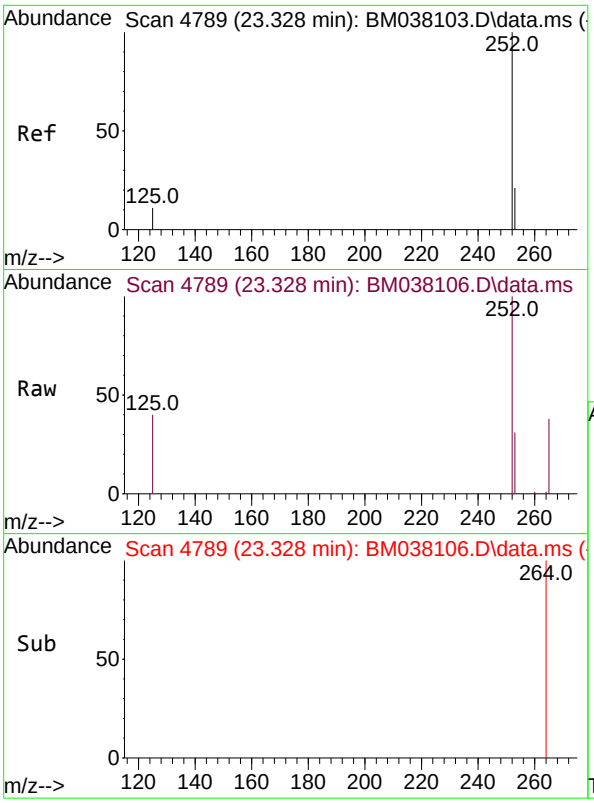


#24
Benzo(b)fluoranthene
Concen: 0.582 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:252 Resp: 45656

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	51.8
125	26.5	0.0	42.2

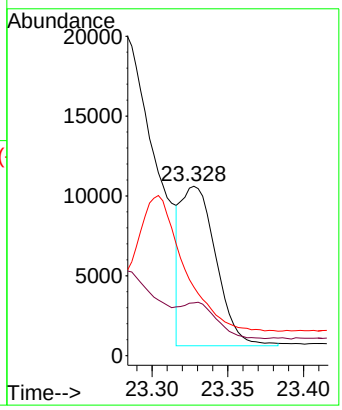




#25
Benzo(k)fluoranthene
Concen: 0.213 ng/ul m
RT: 23.328 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:252 Resp: 1611

Ion	Ratio	Lower	Upper
252	100		
253	31.1	20.8	31.2
125	40.5	17.1	25.7#



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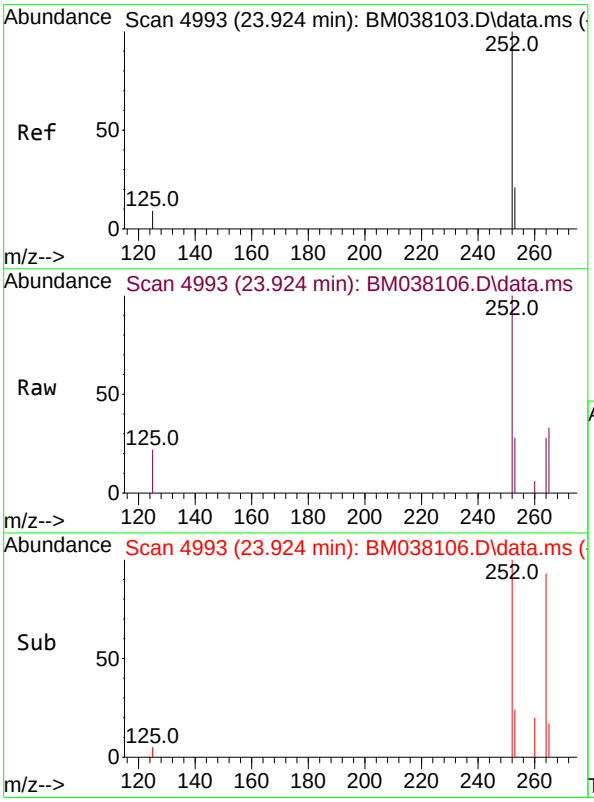
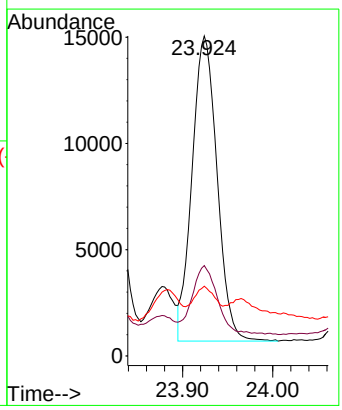
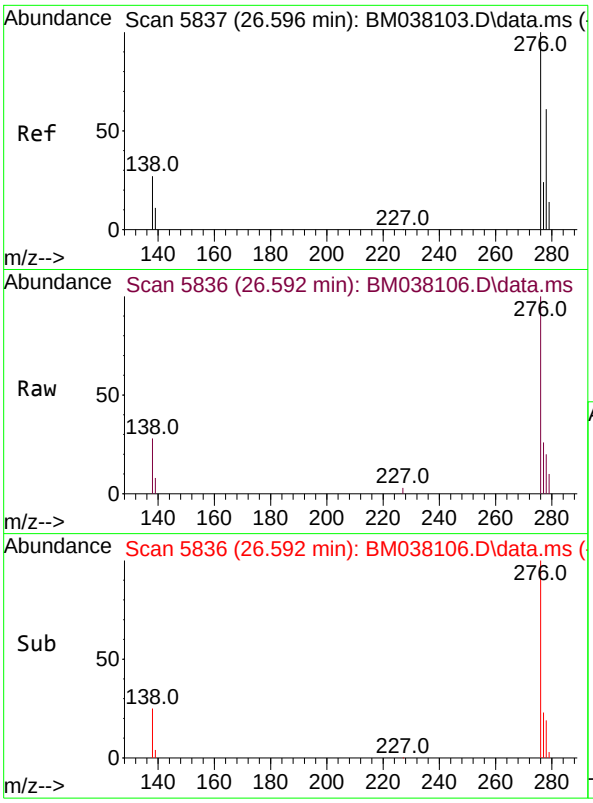


#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. 0.000 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:252 Resp: 27594

Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.9	32.9
125	21.8	20.7	31.1

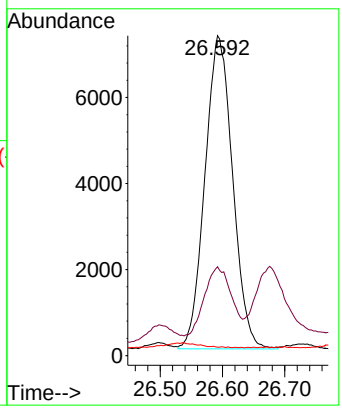




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/ul
RT: 26.592 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:276 Resp: 2250

Ion	Ratio	Lower	Upper
276	100		
138	23.1	26.6	40.0#
227	0.0	0.1	0.1#



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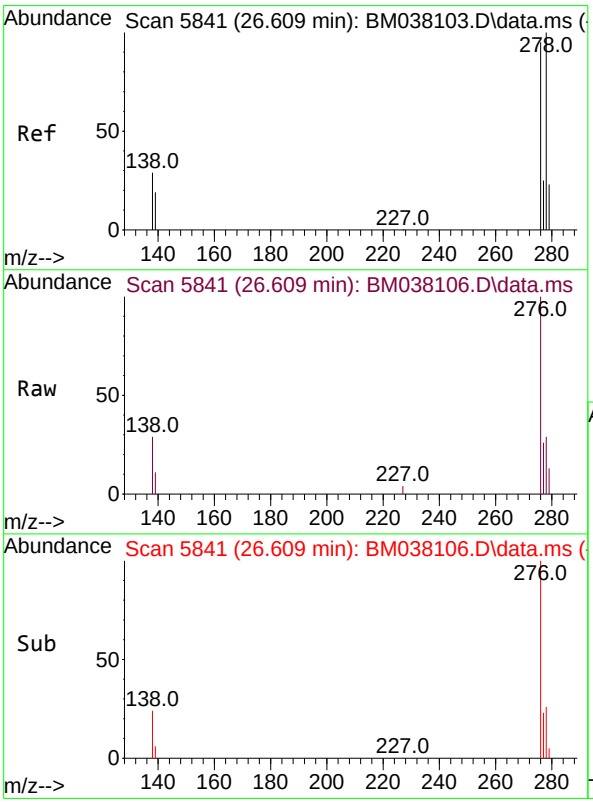
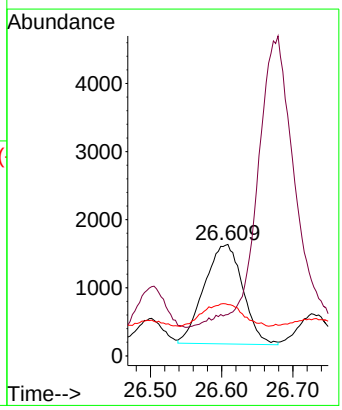
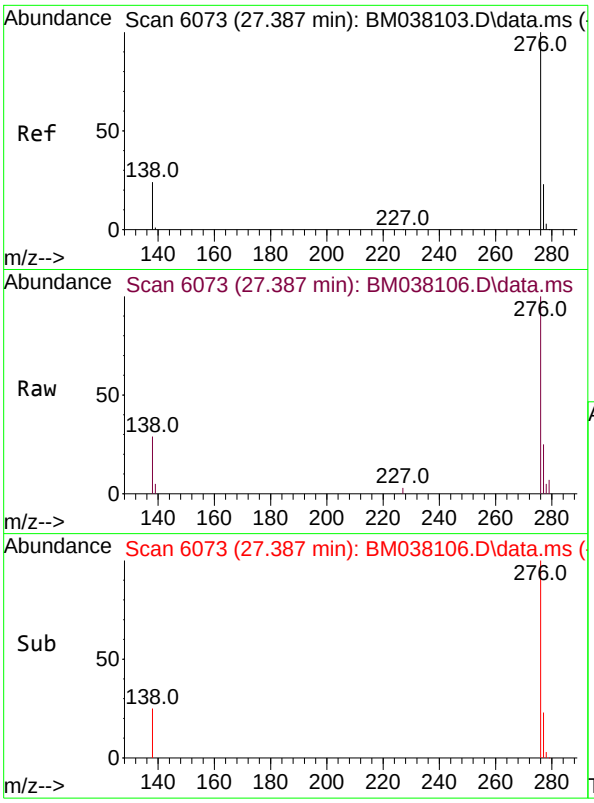


#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. -0.007 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:278 Resp: 5502

Ion	Ratio	Lower	Upper
278	100		
139	37.1	19.0	28.6#
279	46.1	22.4	33.6#

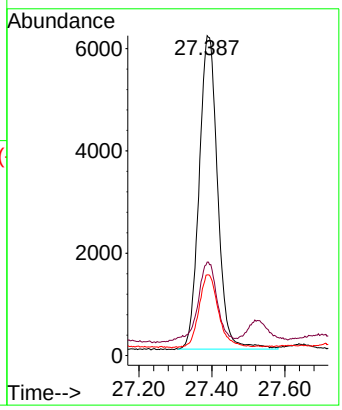




#29
Benzo(g,h,i)perylene
Concen: 0.306 ng/ul
RT: 27.387 min Scan# 6
Delta R.T. -0.007 min
Lab File: BM038106.D
Acq: 19 Dec 2022 17:20

Tgt Ion:276 Resp: 2155

Ion	Ratio	Lower	Upper
276	100		
138	29.2	24.1	36.1
277	25.2	19.0	28.6



Instrument :
BNA_M
ClientSampleId :
DBXV8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022