Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038275.D
Acq On : 24 Dec 2022 17:56
Operator : CG/JU
Sample : N6018-17DL 5X
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBYK2DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:56:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3923	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	11470	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11856	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8268	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	8000	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2653	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	767	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	1312	0.042	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.889	128	1250	0.037	ng/ul#	86
7) 2-Methylnaphthalene	12.495	142	547	0.026	ng/ul	95
10) Acenaphthylene	14.379	152	2665	0.075	ng/ul#	92
15) Phenanthrene	17.438	178	8262	0.208	ng/ul	98
16) Anthracene	17.531	178	4205	0.110	ng/ul	96
19) Fluoranthene	19.445	202	22232	0.491	ng/ul	99
20) Pyrene	19.808	202	18754m	0.410	ng/ul	
21) Benzo(a)anthracene	21.547	228	13103	0.361	ng/ul	97
22) Chrysene	21.603	228	17345	0.491	ng/ul	97
24) Benzo(b)fluoranthene	23.260	252	23953	0.676	ng/ul	97
25) Benzo(k)fluoranthene	23.310	252	8175m	0.240	ng/ul	
26) Benzo(a)pyrene	23.900	252	15297	0.495	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.565	276	11942	0.279	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.572	278	3079	0.092	ng/ul#	48
29) Benzo(g,h,i)perylene	27.357	276	11680	0.324	ng/ul	99

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

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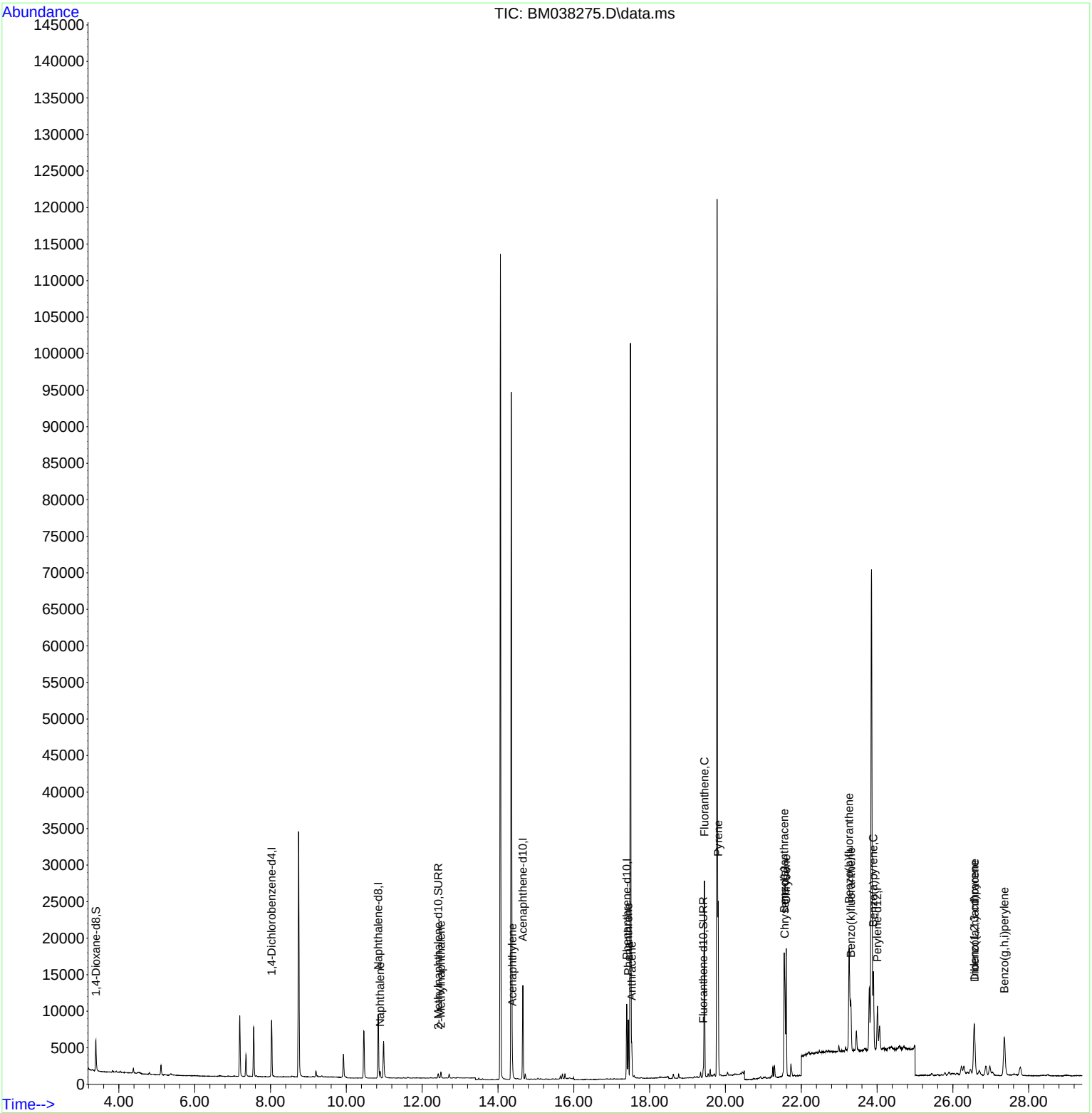

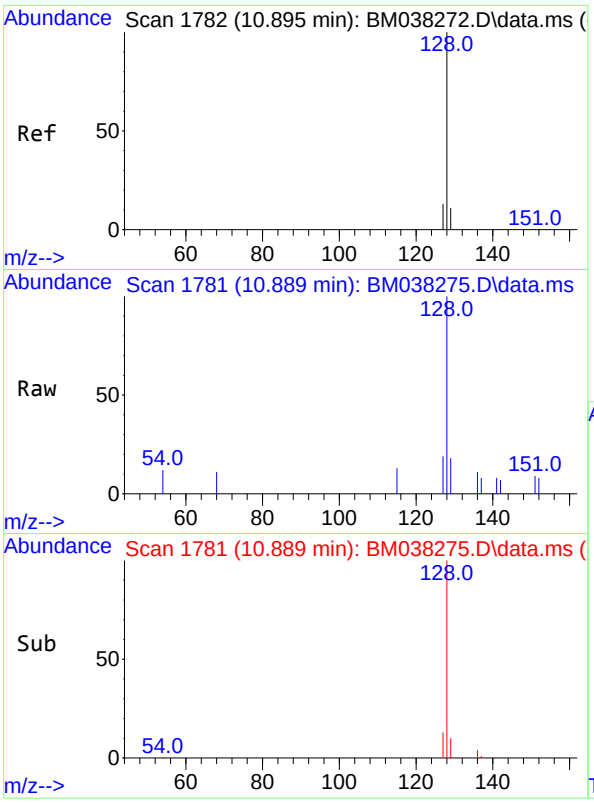

#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.889 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:128 Resp: 125

Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.4	14.0#
127	18.7	10.7	16.1#

Instrument :
BNA_M
ClientSampleId :
DBYK2DL

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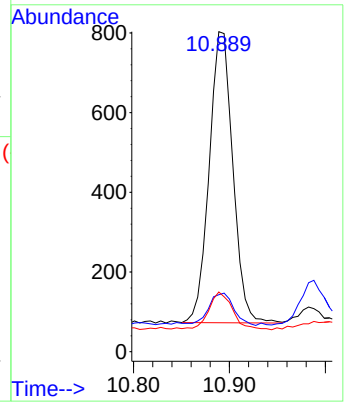
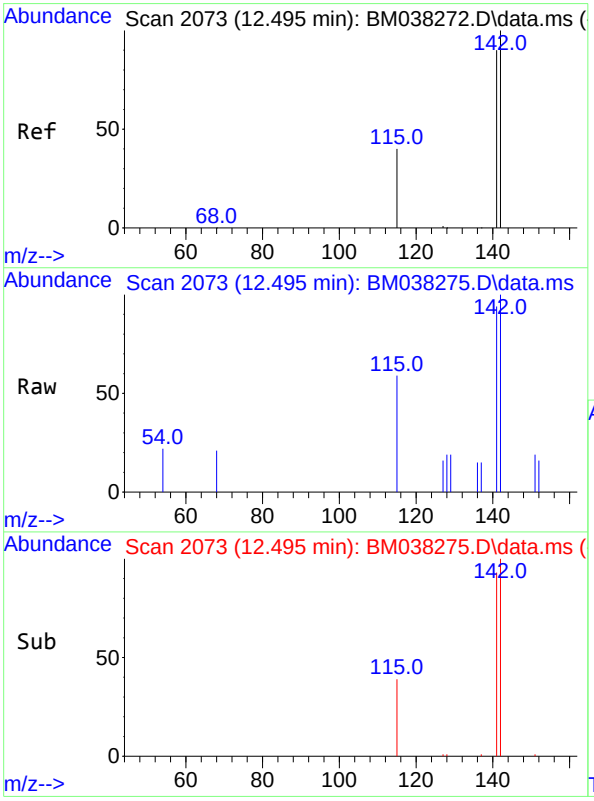
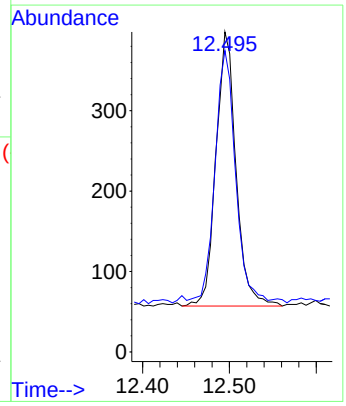


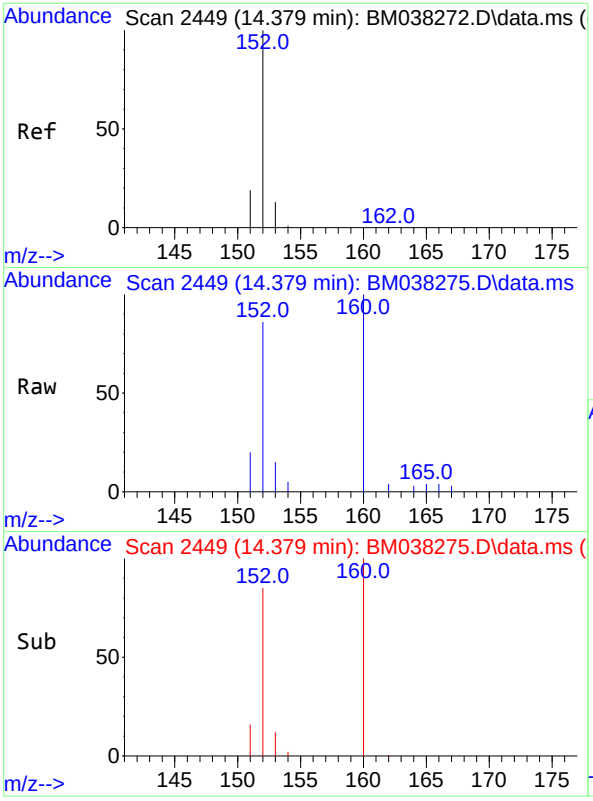


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:142 Resp: 547

Ion	Ratio	Lower	Upper
142	100		
141	95.1	71.9	107.9

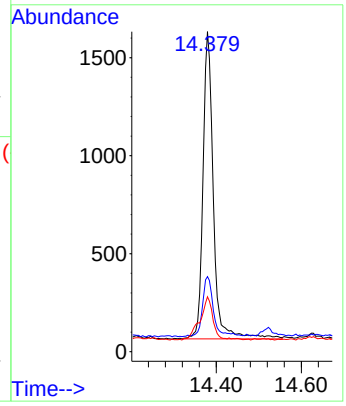




#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.379 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:152 Resp: 266

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.2	24.2
153	17.1	10.7	16.1



Instrument :
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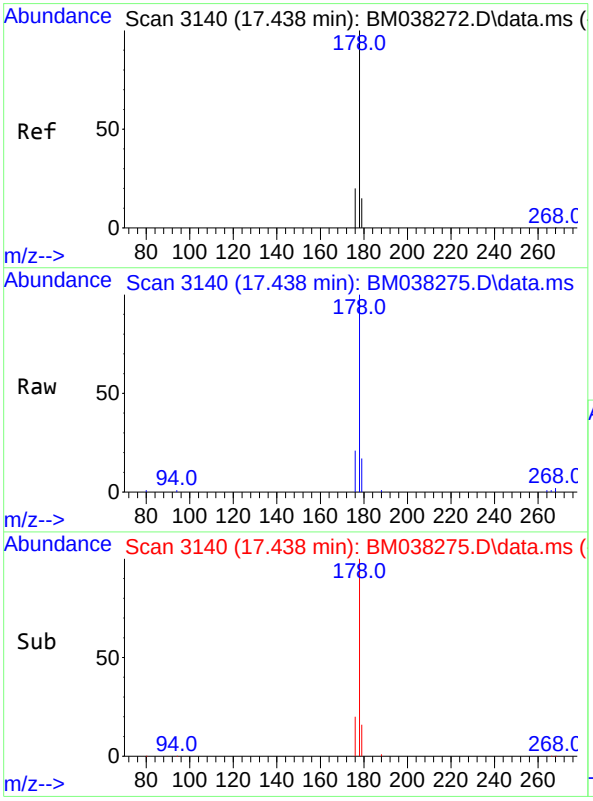
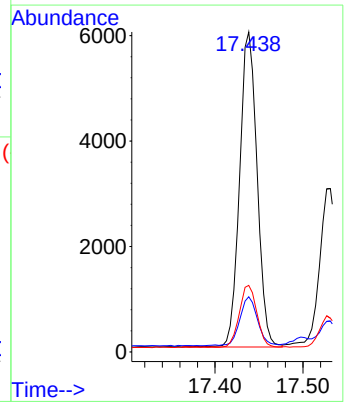
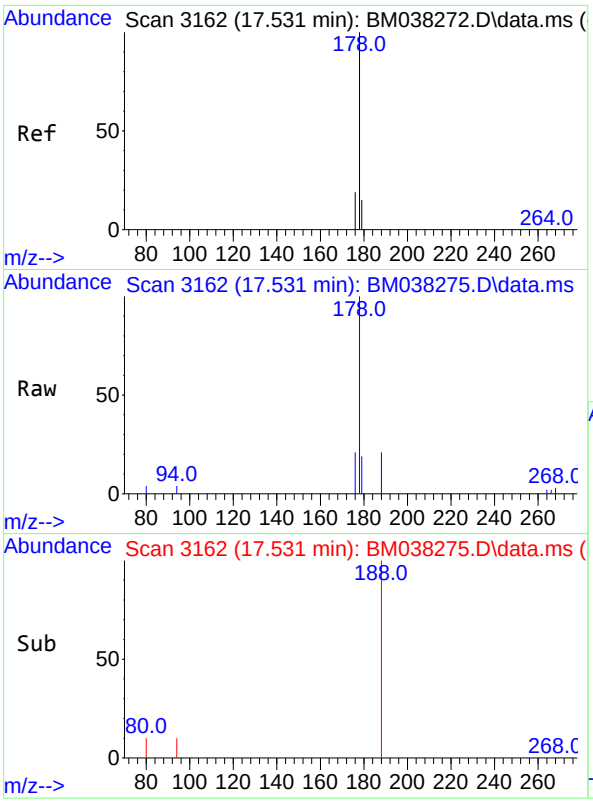


#15
Phenanthrene
Concen: 0.208 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:178 Resp: 8262

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.4
176	20.8	16.2	24.4

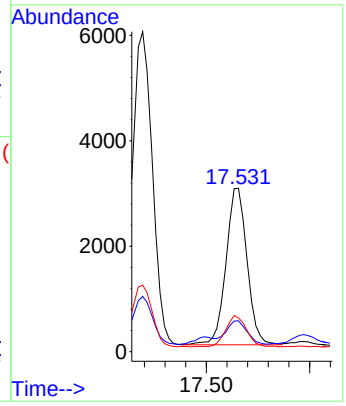




#16
Anthracene
Concen: 0.110 ng/ul
RT: 17.531 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:178 Resp: 420

Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.0	19.6
176	20.7	15.6	23.4



Instrument :
BNA_M
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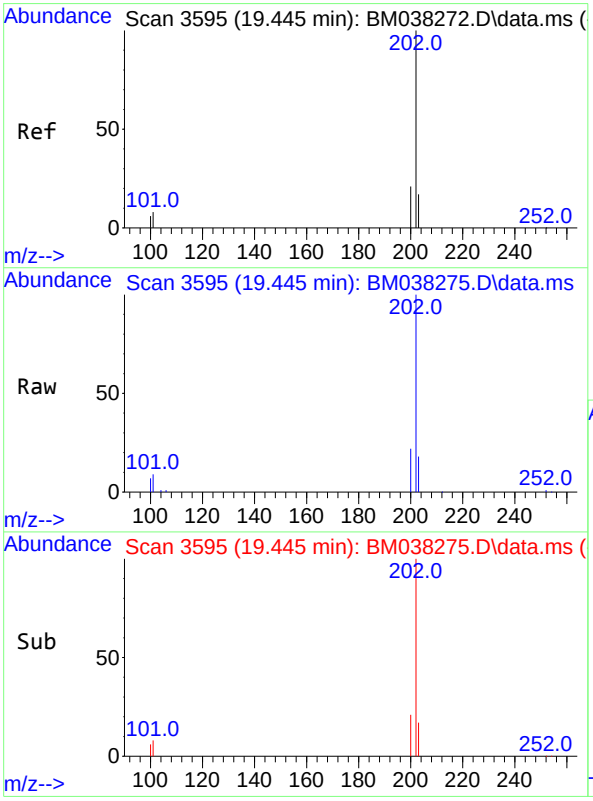
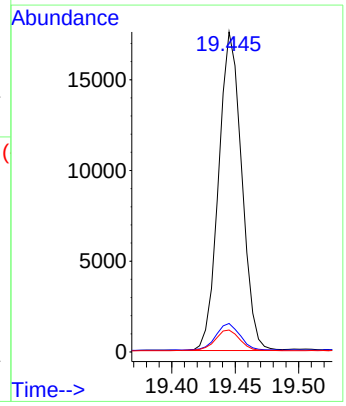
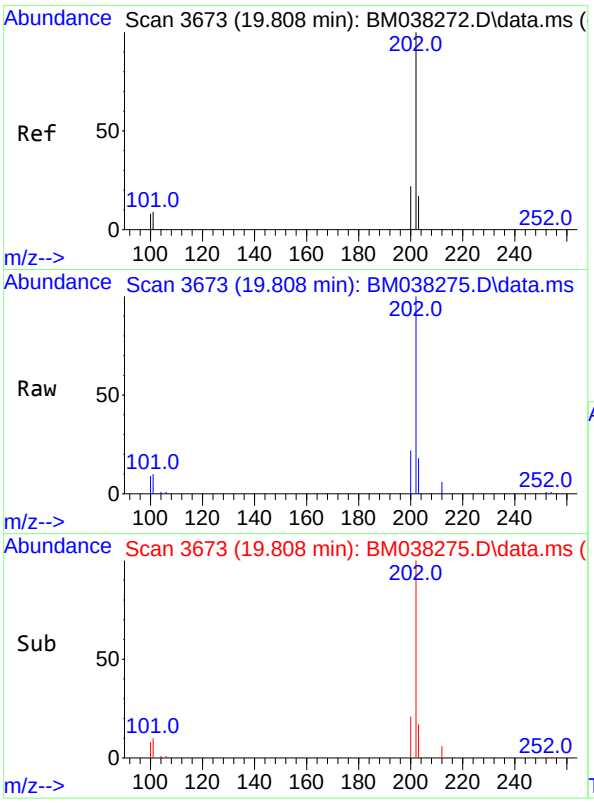


#19
Fluoranthene
Concen: 0.491 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:202 Resp: 22232

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.5	11.3
100	6.9	5.6	8.4





#20
Pyrene
Concen: 0.410 ng/ul m
RT: 19.808 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:202 Resp: 1875

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.9	13.3
100	8.7	7.4	11.0

Instrument :
BNA_M
ClientSampleId :
DBYK2DL

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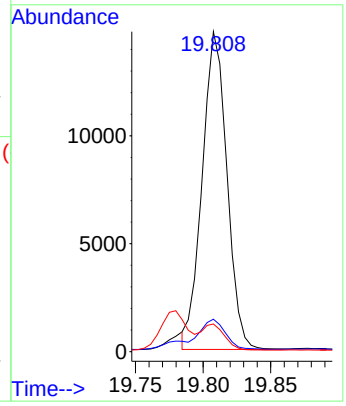
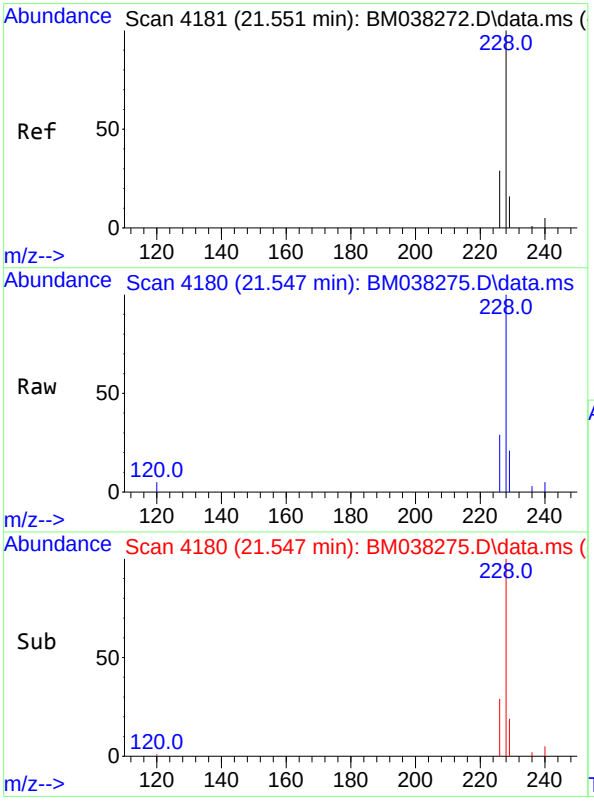
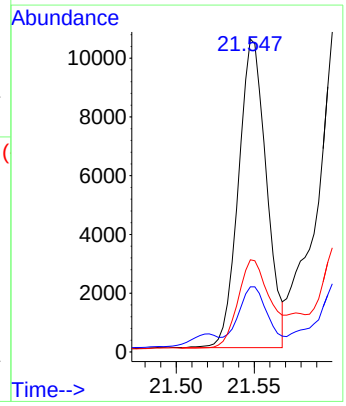


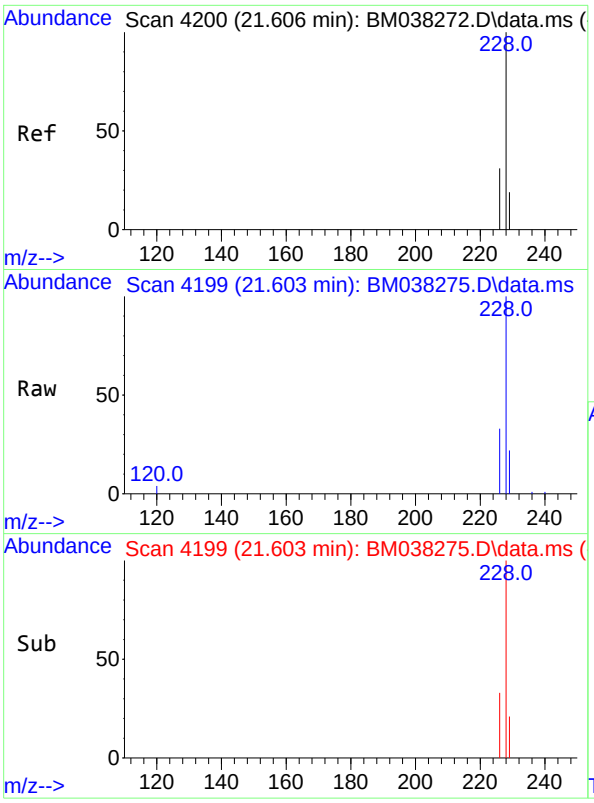


#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:228 Resp: 13103

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	29.5	22.2	33.2

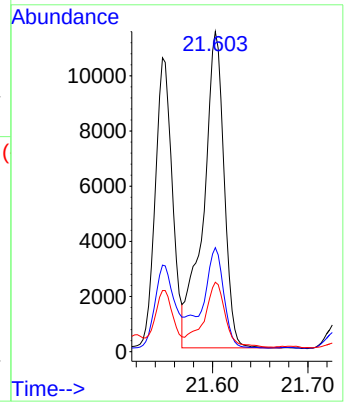




#22
Chrysene
Concen: 0.491 ng/ul
RT: 21.603 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:228 Resp: 1734

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.4
229	21.7	16.0	24.0



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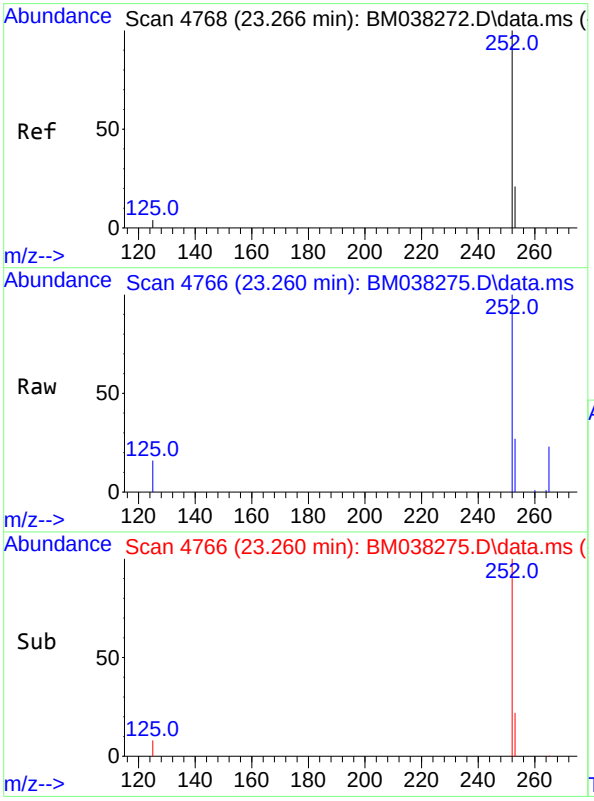
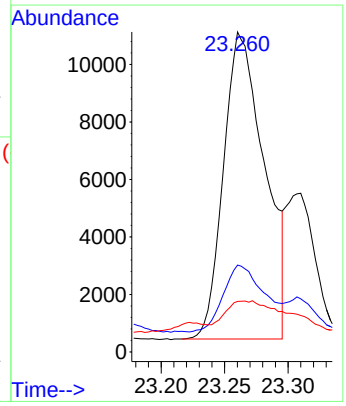
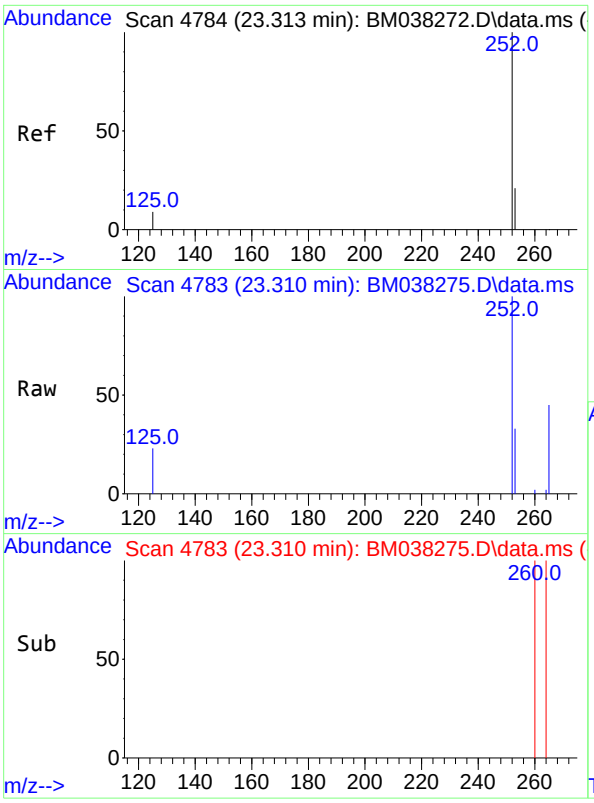


#24
Benzo(b)fluoranthene
Concen: 0.676 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:252 Resp: 23953

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	56.0
125	15.8	0.0	36.6

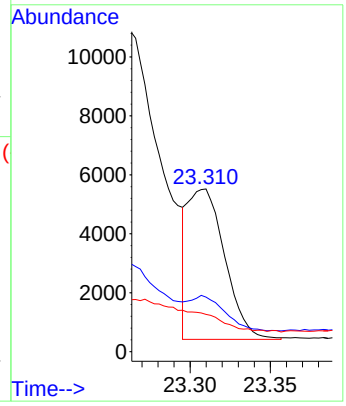




#25
Benzo(k)fluoranthene
Concen: 0.240 ng/ul m
RT: 23.310 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:252 Resp: 817

Ion	Ratio	Lower	Upper
252	100		
253	33.5	22.5	33.7
125	22.9	14.4	21.6



Instrument :
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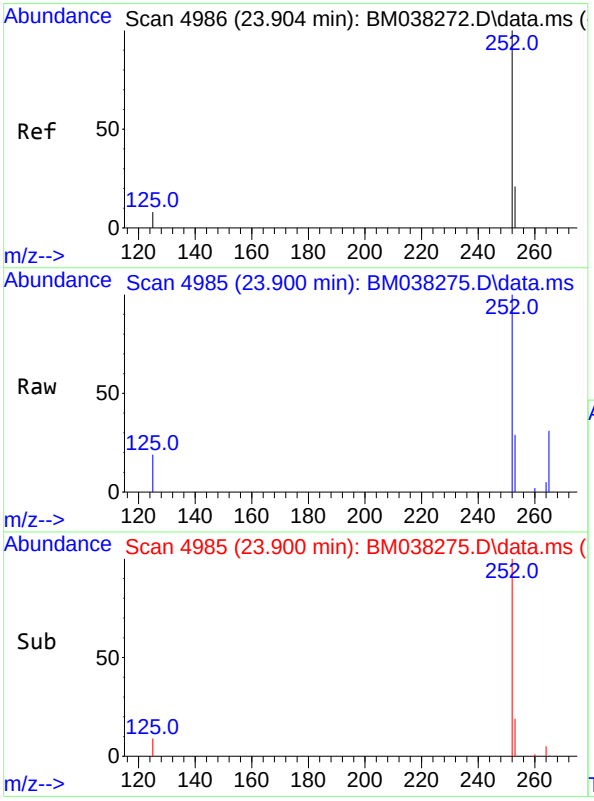
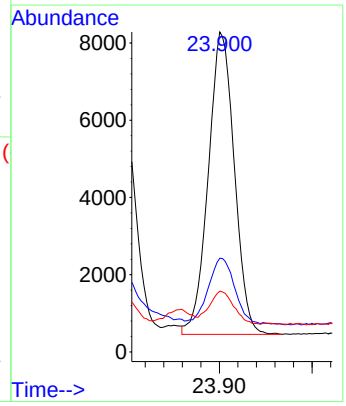
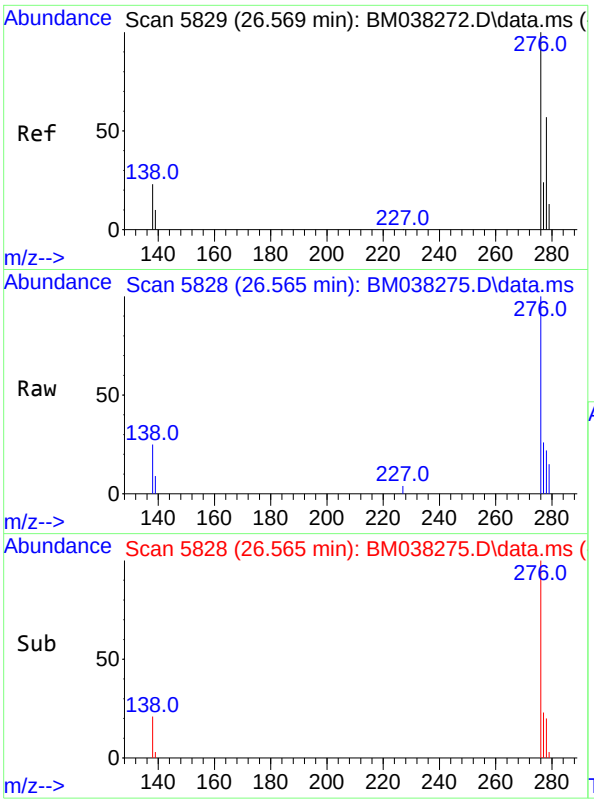


#26
Benzo(a)pyrene
Concen: 0.495 ng/ul
RT: 23.900 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:252 Resp: 15297

Ion	Ratio	Lower	Upper
252	100		
253	29.3	24.2	36.4
125	19.0	17.3	25.9

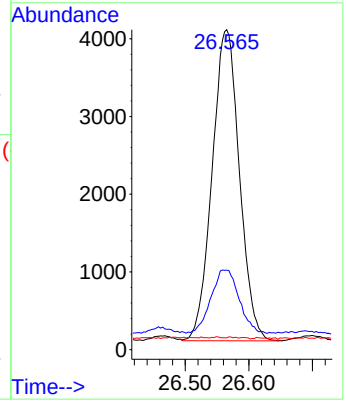




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 26.565 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:276 Resp: 1194

Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.7	32.5#
227	0.1	0.0	0.0#



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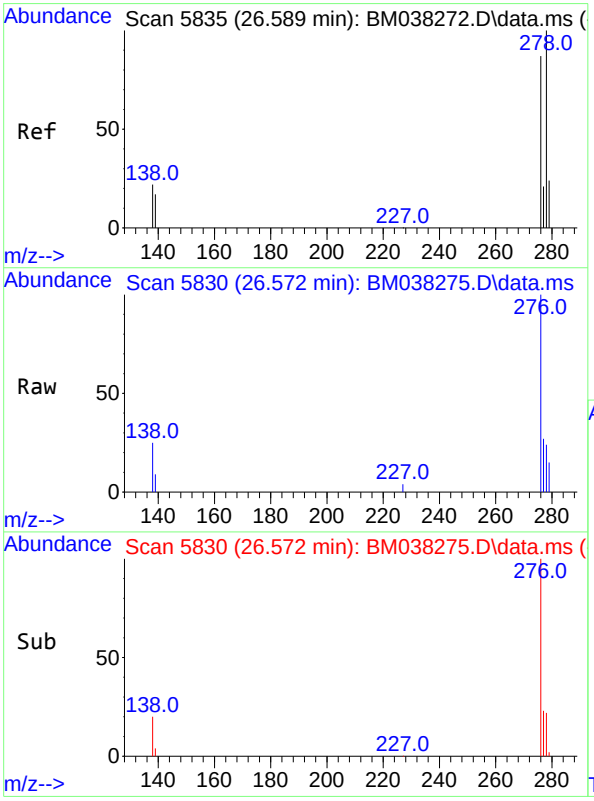
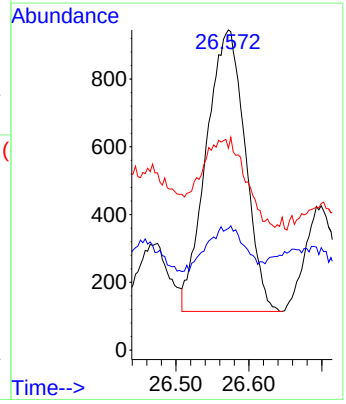
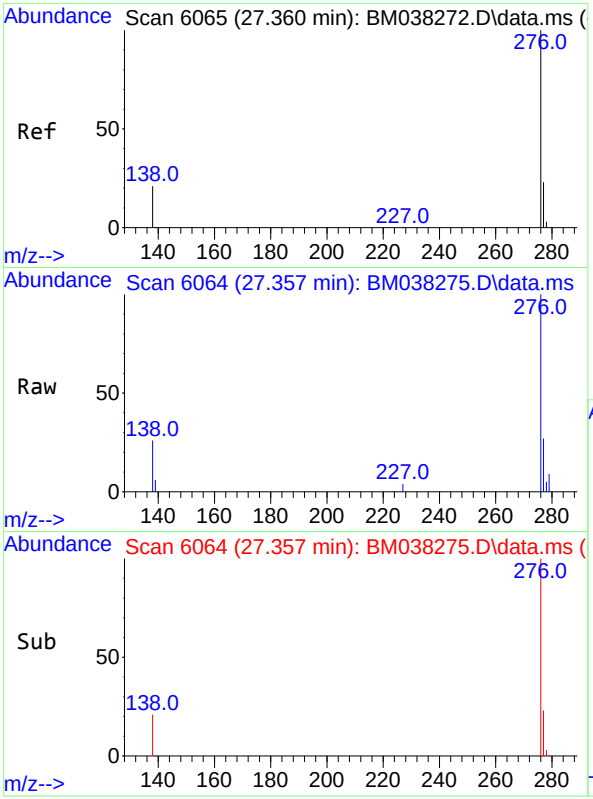


#28
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.017 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:278 Resp: 3079

Ion	Ratio	Lower	Upper
278	100		
139	38.0	16.8	25.2#
279	63.1	23.4	35.2#

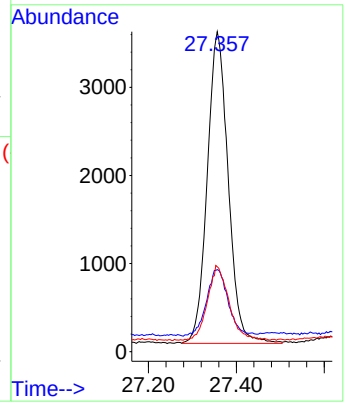




#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 27.357 min Scan# 6
Delta R.T. -0.003 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:276 Resp: 1168

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.8	31.2
277	26.5	20.5	30.7



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