Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039872.D
Acq On : 08 May 2023 17:05
Operator : CG/JU
Sample : 02479-11DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW952DL

Quant Time: May 09 01:52:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3593	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.590	136	13298	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	7699	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	15744	0.400	ng/ul	0.00
17) Chrysene-d12	21.391	240	9971	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	7845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	2512	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	707	0.041	ng/ul	0.02
18) Fluoranthene-d10	19.225	212	1609	0.060	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.639	128	3536	0.106	ng/ul#	93
7) 2-Methylnaphthalene	12.289	142	1042	0.054	ng/ul	97
8) 1-Methylnaphthalene	12.492	142	726	0.035	ng/ul	99
10) Acenaphthylene	14.159	152	859	0.029	ng/ul#	72
11) Acenaphthene	14.497	153	4597	0.196	ng/ul	97
12) Fluorene	15.492	166	3988	0.154	ng/ul	99
15) Phenanthrene	17.234	178	91451	2.205	ng/ul	98
16) Anthracene	17.327	178	20820	0.585	ng/ul	98
19) Fluoranthene	19.257	202	207851	5.843	ng/ul	97
20) Pyrene	19.620	202	182499	4.751	ng/ul	98
21) Benzo(a)anthracene	21.373	228	80148	2.796	ng/ul	99
22) Chrysene	21.426	228	74414	2.294	ng/ul	98
24) Benzo(b)fluoranthene	23.021	252	79419	2.883	ng/ul	94
26) Benzo(a)pyrene	23.632	252	52690	2.130	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.164	276	36074	1.153	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.164	278	7971	0.328	ng/ul#	85
29) Benzo(g,h,i)perylene	26.912	276	30339	1.113	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
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Quant Time: May 09 01:52:23 2023
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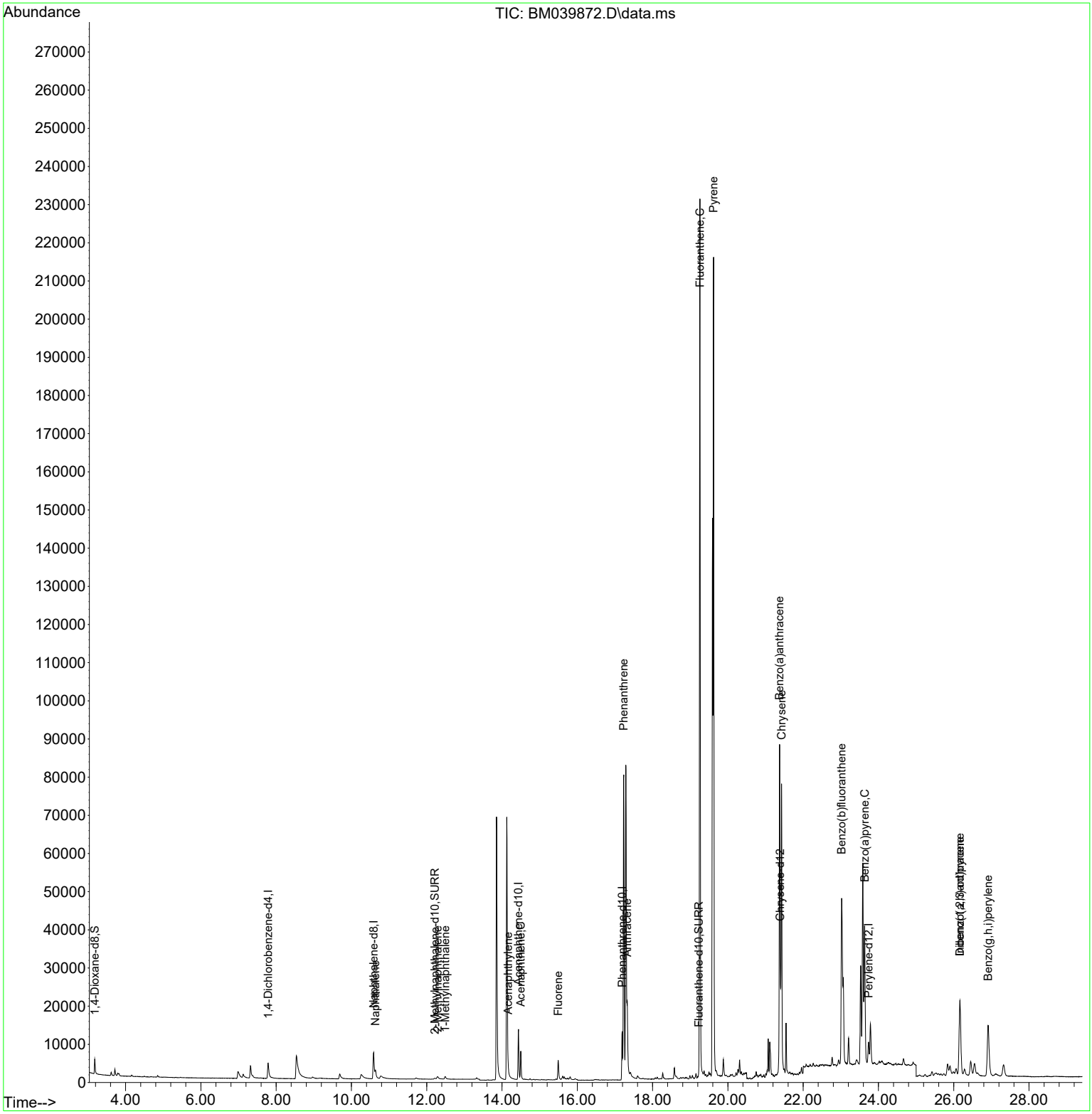
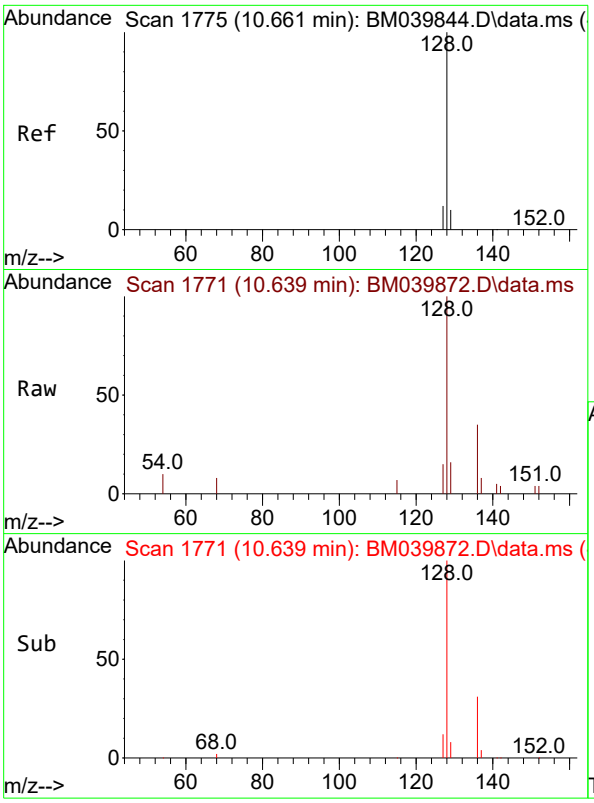
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
Response via : Initial Calibration



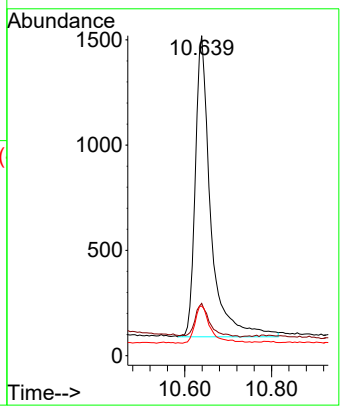


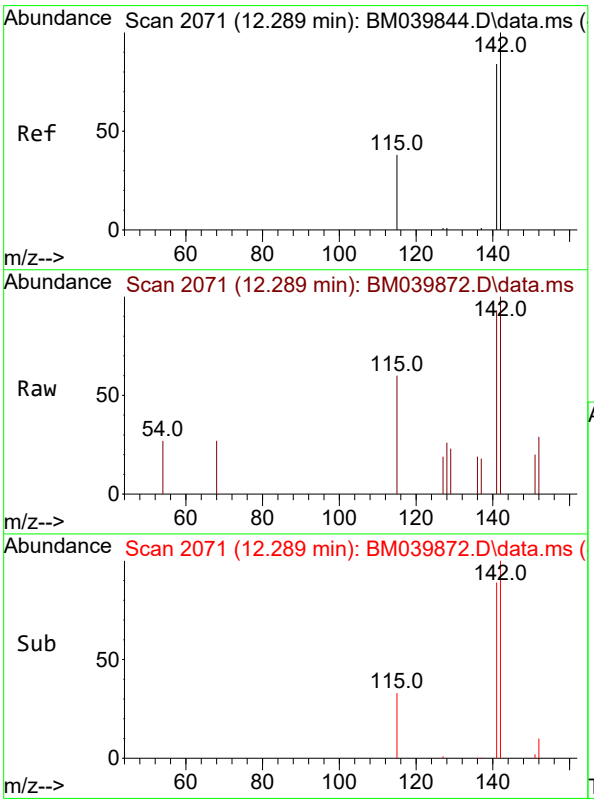
#5
Naphthalene
Concen: 0.106 ng/ul
RT: 10.639 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:128 Resp: 3536

Ion	Ratio	Lower	Upper
128	100		
129	16.3	9.8	14.6#
127	15.5	11.1	16.7

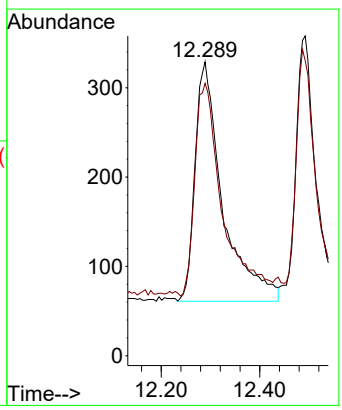


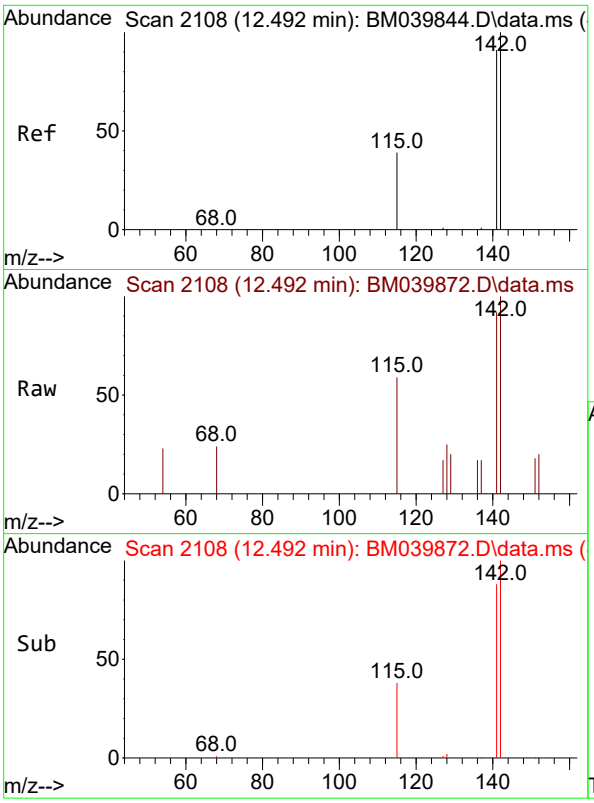


#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. 0.017 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:142 Resp: 1042

Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.2	109.8



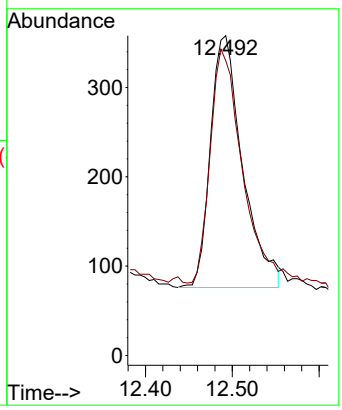


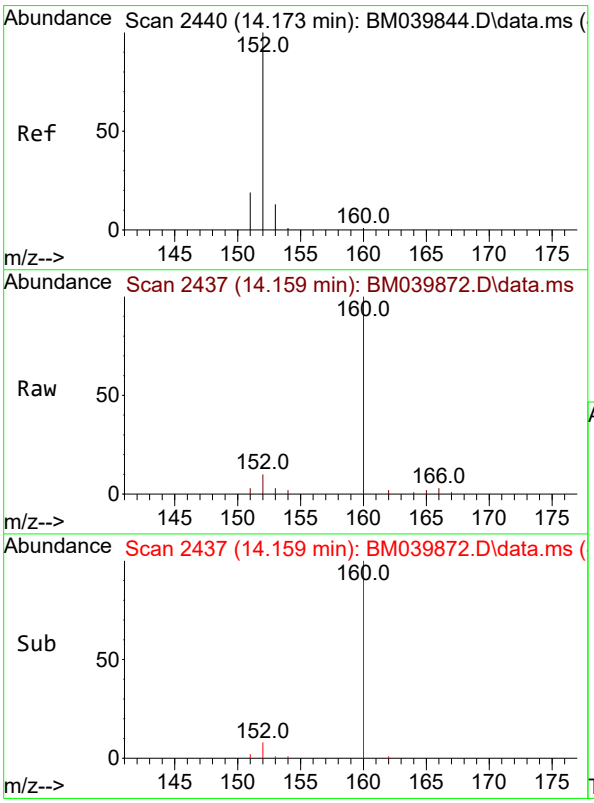
#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.492 min Scan# 21
Delta R.T. 0.011 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:142 Resp: 726

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.4	110.2

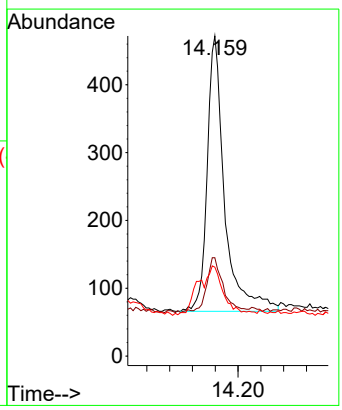


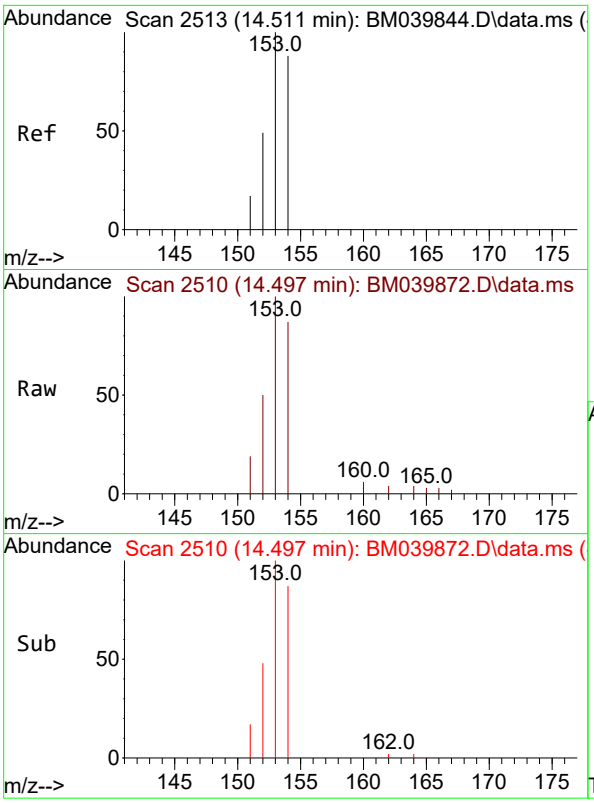


#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:152 Resp: 859

Ion	Ratio	Lower	Upper
152	100		
151	30.7	16.0	24.0#
153	27.8	11.2	16.8#



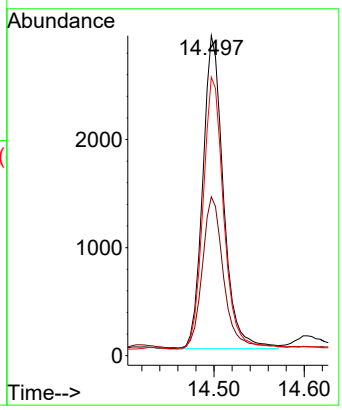


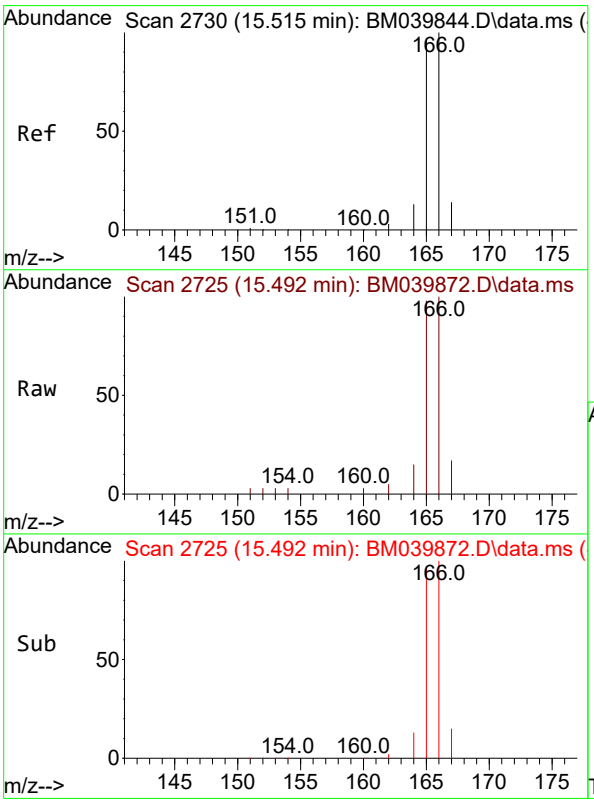
#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.497 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:153 Resp: 4597

Ion	Ratio	Lower	Upper
153	100		
152	49.6	40.6	61.0
154	87.0	71.9	107.9

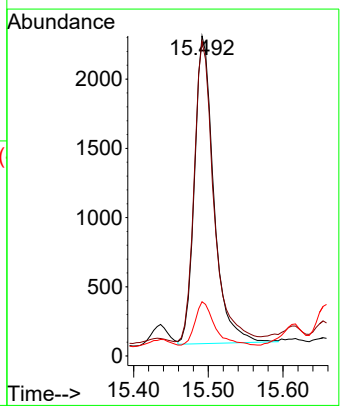


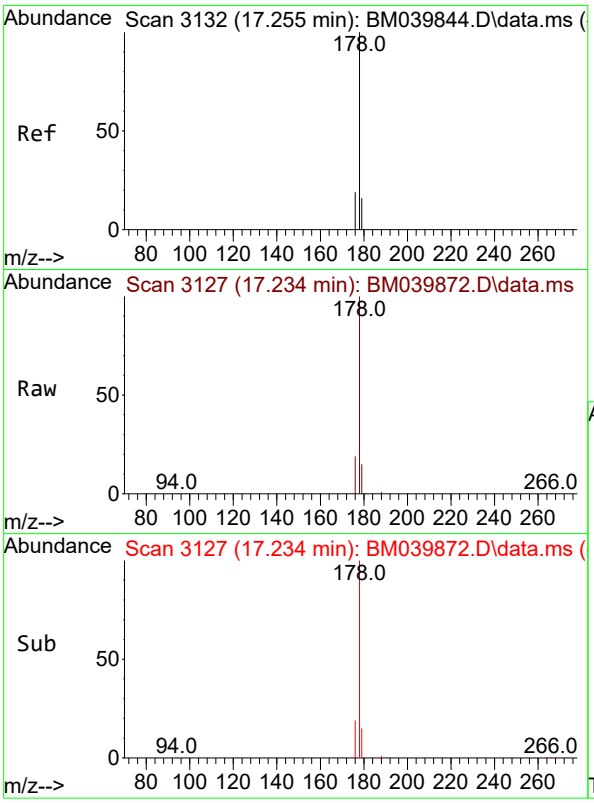


#12
Fluorene
Concen: 0.154 ng/ul
RT: 15.492 min Scan# 2725
Delta R.T. -0.009 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:166 Resp: 3988

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.6
167	17.0	11.8	17.6



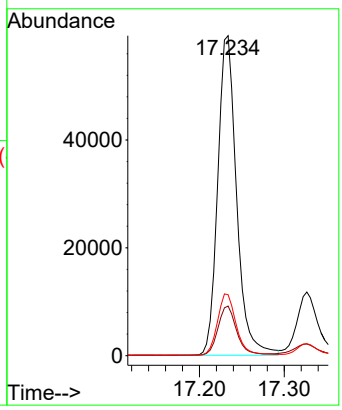


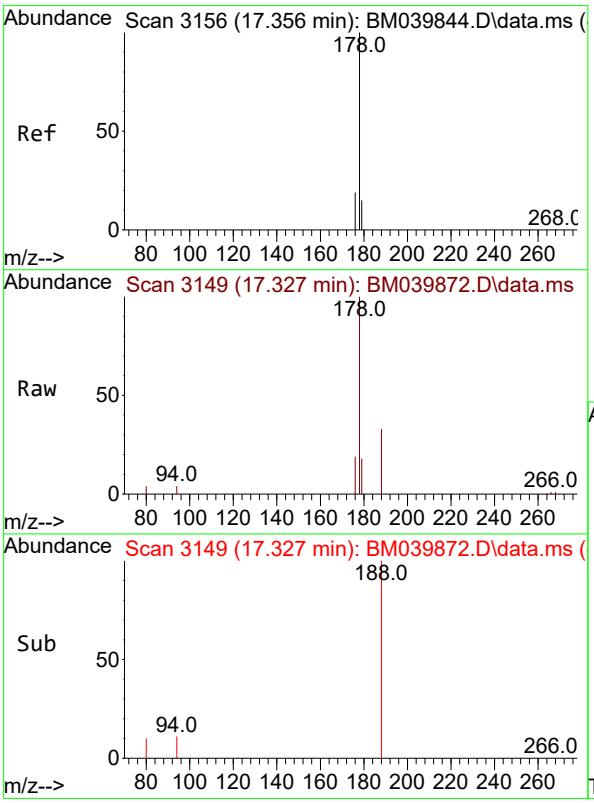
#15
Phenanthrene
Concen: 2.205 ng/ul
RT: 17.234 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:178 Resp: 91451

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	19.1	15.8	23.8

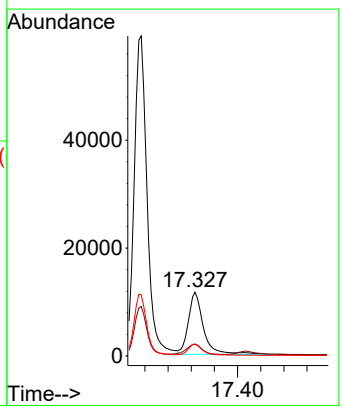


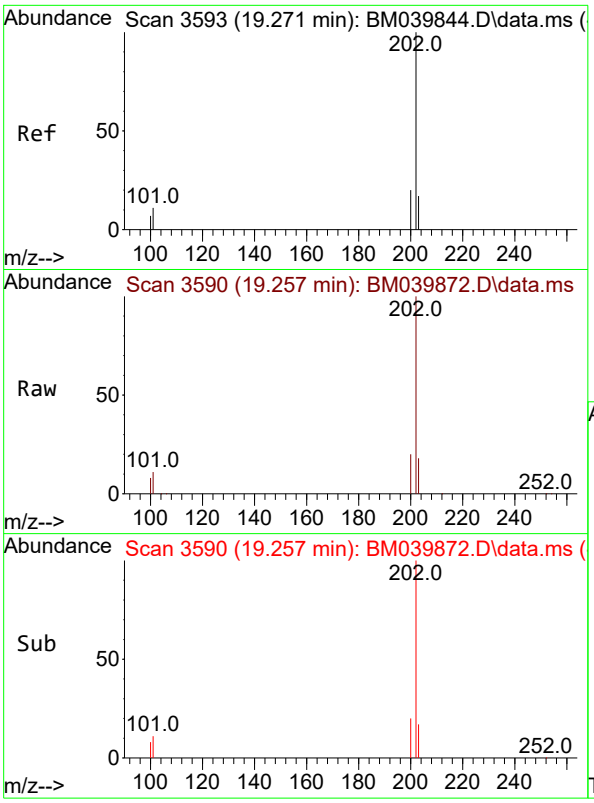


#16
Anthracene
Concen: 0.585 ng/ul
RT: 17.327 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:178 Resp: 20820

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.8	20.6
176	19.0	15.8	23.8



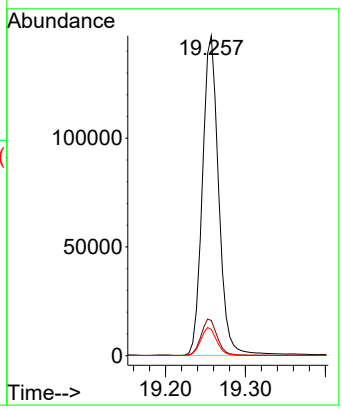


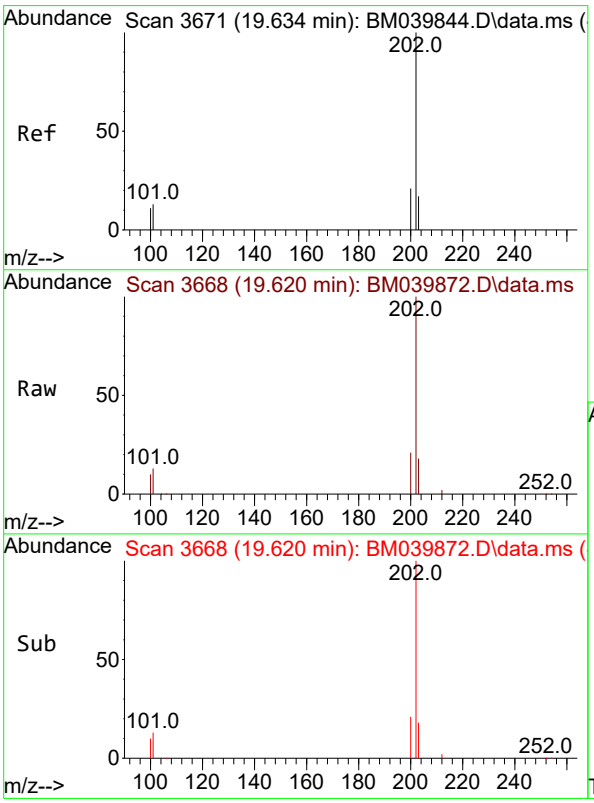
#19
Fluoranthene
Concen: 5.843 ng/ul
RT: 19.257 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:202 Resp: 207851

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
100	8.2	7.3	10.9

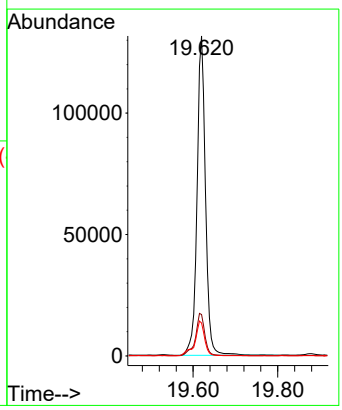


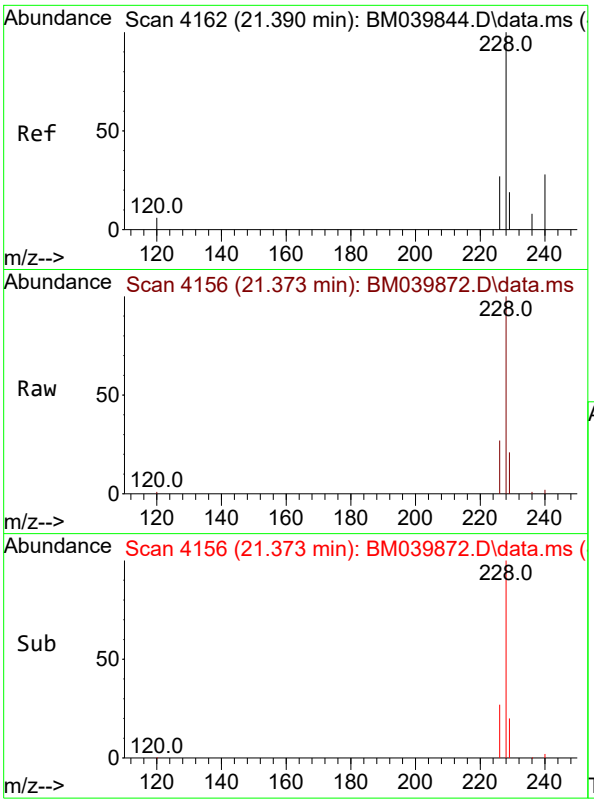


#20
Pyrene
Concen: 4.751 ng/ul
RT: 19.620 min Scan# 3668
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:202 Resp: 182499

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.9	16.3
100	10.3	8.9	13.3



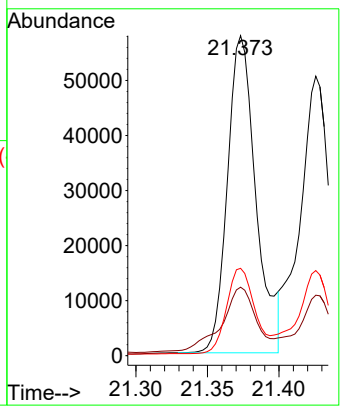


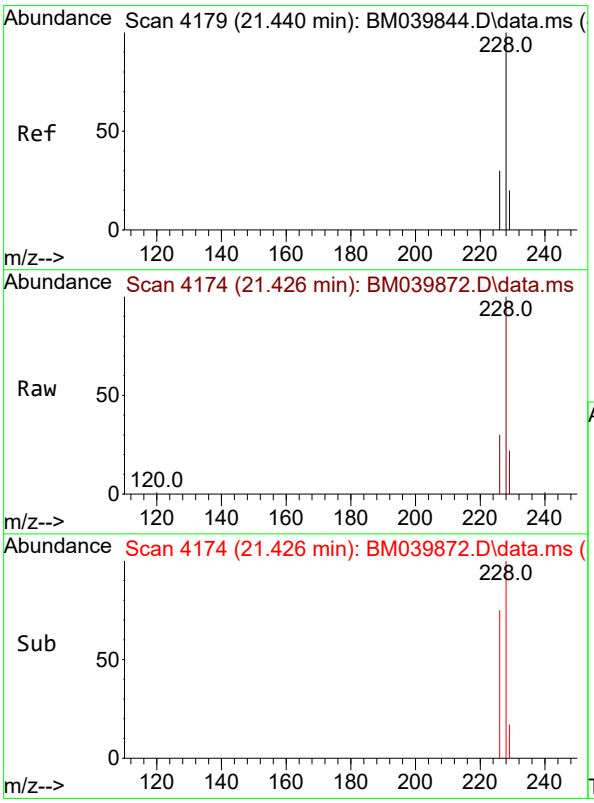
#21
Benzo(a)anthracene
Concen: 2.796 ng/ul
RT: 21.373 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:228 Resp: 80148

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	27.3	21.6	32.4

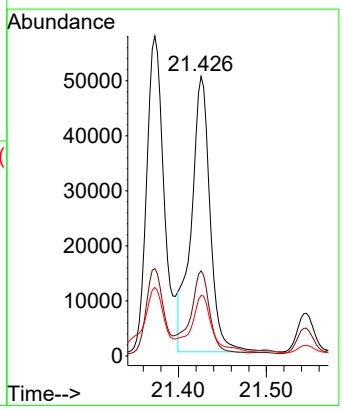


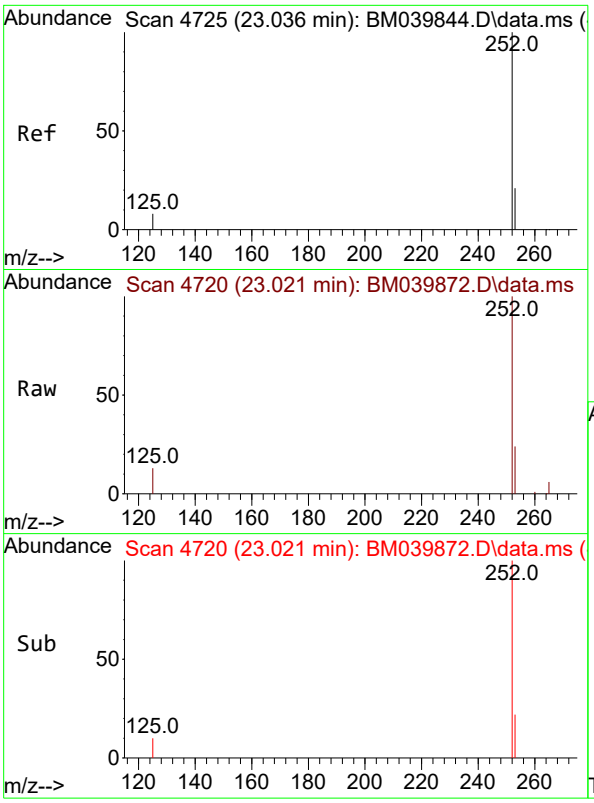


#22
Chrysene
Concen: 2.294 ng/ul
RT: 21.426 min Scan# 4174
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:228 Resp: 74414

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	21.6	15.9	23.9



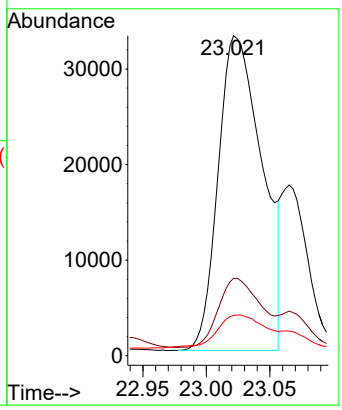


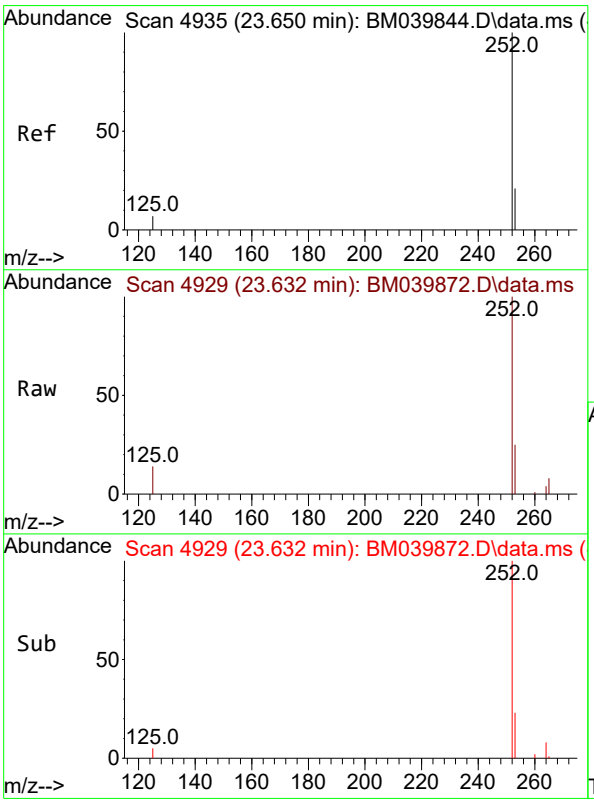
#24
Benzo(b)fluoranthene
Concen: 2.883 ng/ul
RT: 23.021 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:252 Resp: 79419

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	52.8
125	12.6	0.0	31.6

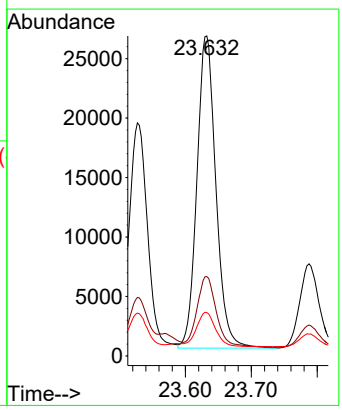


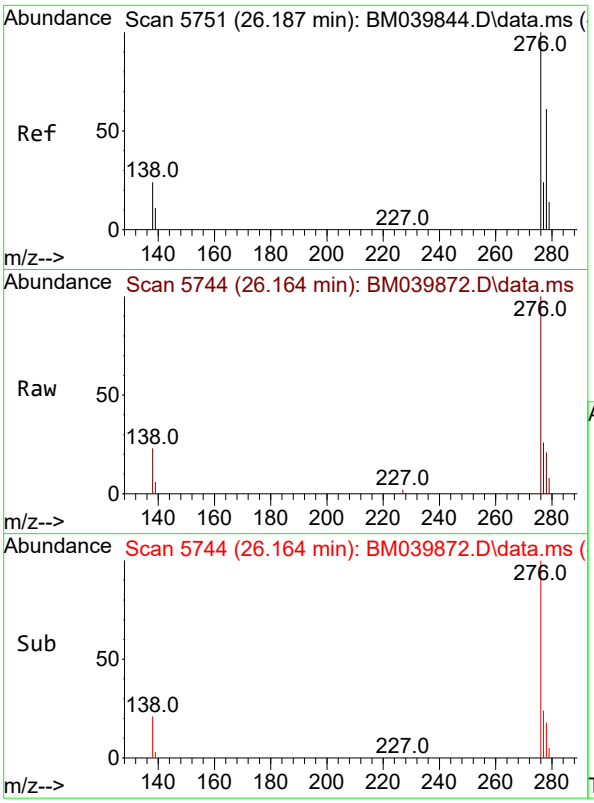


#26
Benzo(a)pyrene
Concen: 2.130 ng/ul
RT: 23.632 min Scan# 4929
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:252 Resp: 52690

Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.7	37.1
125	13.6	16.5	24.7#



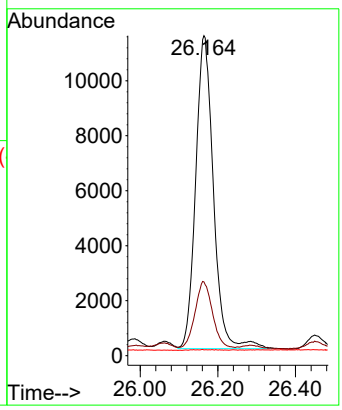


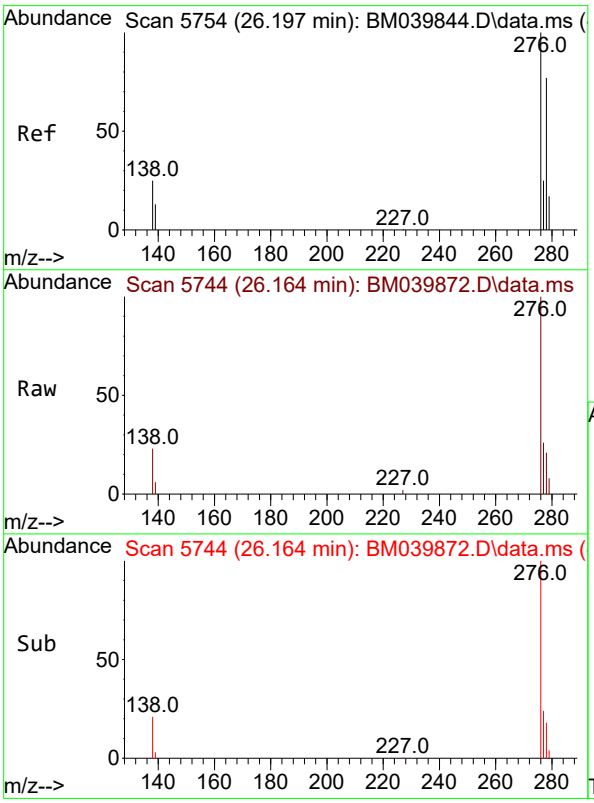
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.153 ng/ul
RT: 26.164 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:276 Resp: 36074

Ion	Ratio	Lower	Upper
276	100		
138	20.6	21.1	31.7#
227	0.0	0.1	0.1#

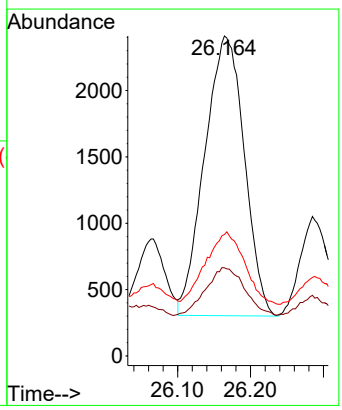


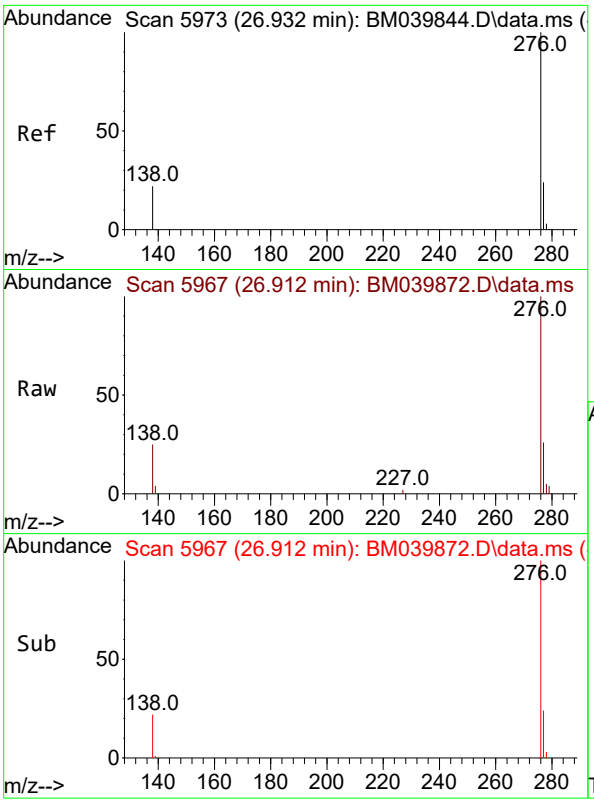


#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.164 min Scan# 5744
Delta R.T. -0.015 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:278 Resp: 7971

Ion	Ratio	Lower	Upper
278	100		
139	27.5	17.0	25.6#
279	38.0	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 1.113 ng/ul
RT: 26.912 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:276 Resp: 30339

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.1	30.1
277	25.9	20.1	30.1