Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039773.D
Acq On : 01 May 2023 12:31
Operator : CG/JU
Sample : 02417-14DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Quant Time: May 02 01:25:05 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 : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3205	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.605	136	12099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.449	164	7172	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	14977	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	12272	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	10499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2452	0.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	559	0.036	ng/ul	0.02
18) Fluoranthene-d10	19.237	212	1297	0.039	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.649	128	2846	0.094	ng/ul#	90
7) 2-Methylnaphthalene	12.288	142	1940	0.111	ng/ul	95
8) 1-Methylnaphthalene	12.497	142	1589	0.084	ng/ul	99
10) Acenaphthylene	14.172	152	1666	0.060	ng/ul#	83
11) Acenaphthene	14.510	153	1168	0.054	ng/ul	96
12) Fluorene	15.504	166	1294	0.053	ng/ul#	91
15) Phenanthrene	17.241	178	31363	0.795	ng/ul	99
16) Anthracene	17.338	178	8628	0.255	ng/ul	97
19) Fluoranthene	19.265	202	71030	1.622	ng/ul	98
20) Pyrene	19.628	202	74392	1.573	ng/ul	99
21) Benzo(a)anthracene	21.382	228	36961	1.048	ng/ul	98
22) Chrysene	21.432	228	30727	0.770	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	45891	1.245	ng/ul	97
26) Benzo(a)pyrene	23.639	252	29494	0.891	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.171	276	21348	0.510	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.171	278	4841	0.149	ng/ul#	85
29) Benzo(g,h,i)perylene	26.919	276	21134	0.579	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
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Acq On : 01 May 2023 12:31
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Instrument :
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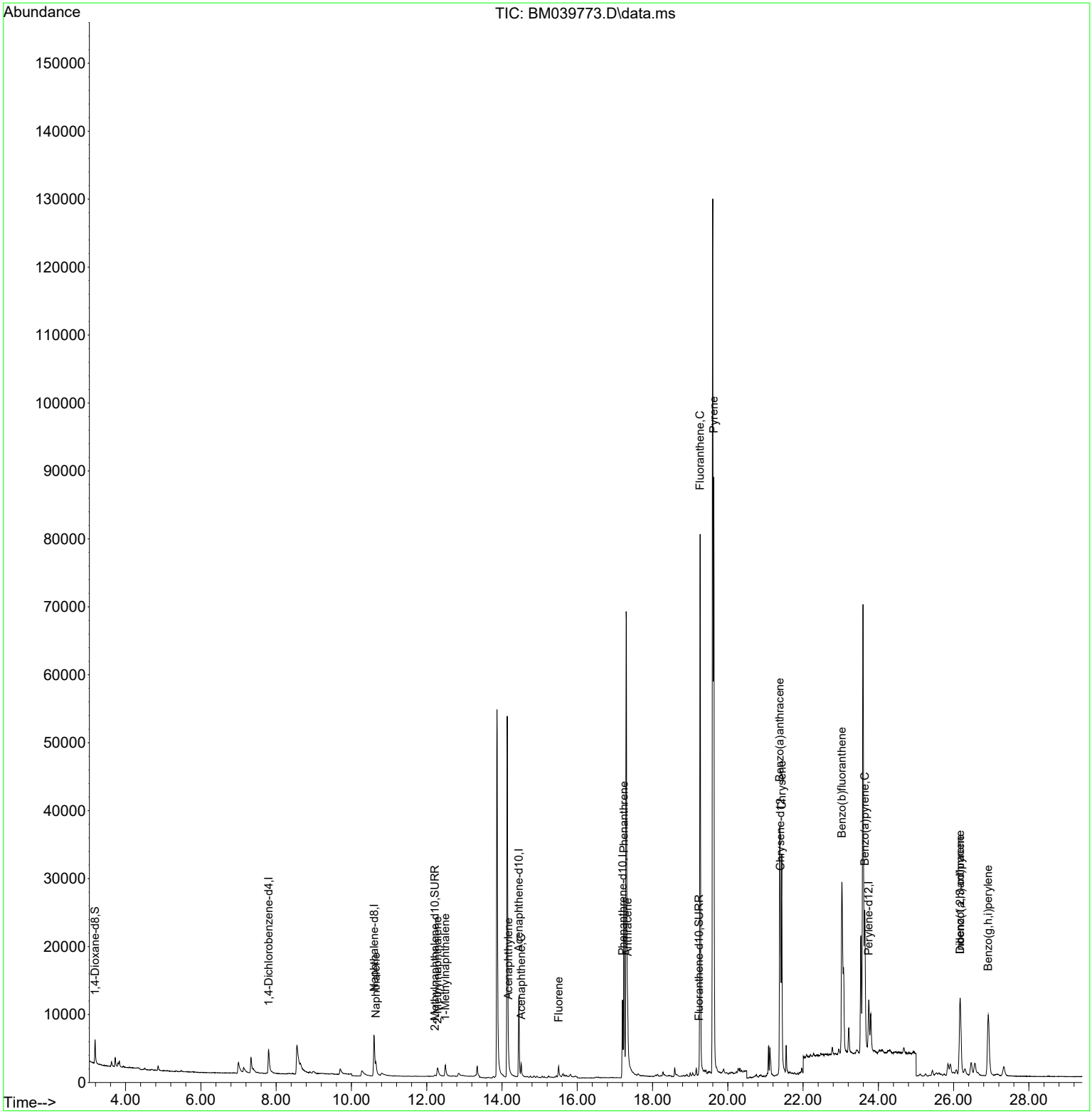
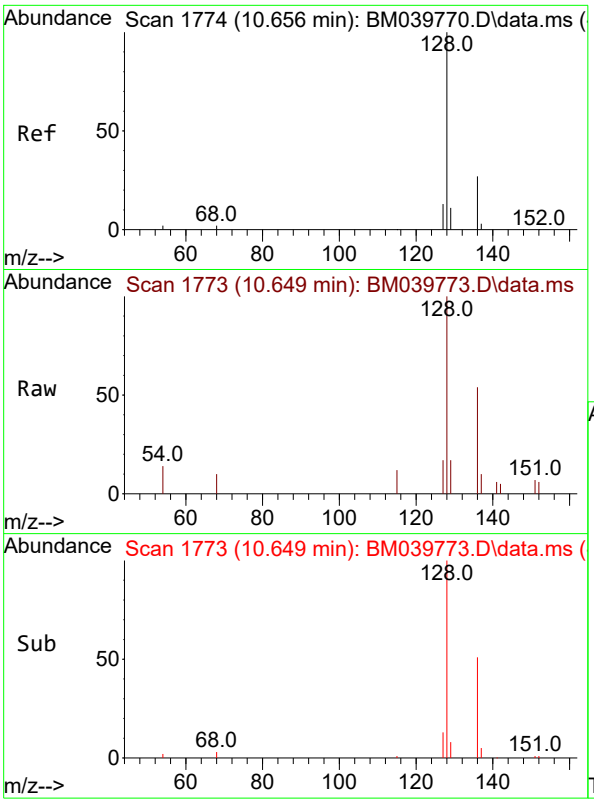
Quant Time: May 02 01:25:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration



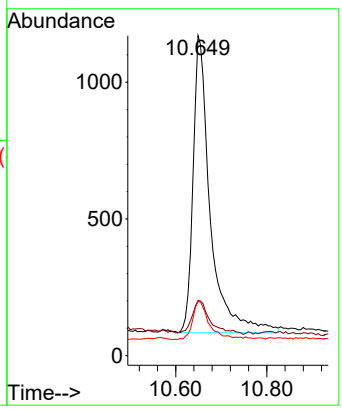


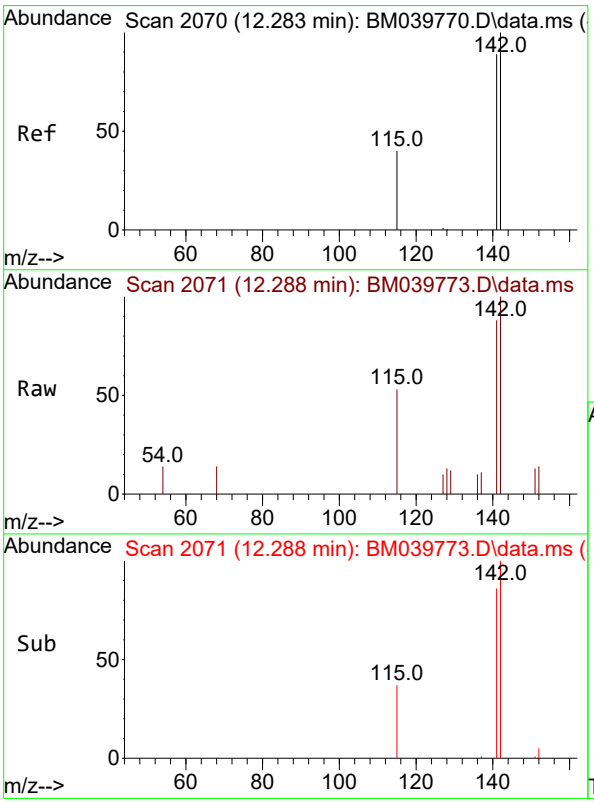
#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.649 min Scan# 1
Delta R.T. -0.007 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Tgt Ion:128 Resp: 2846

Ion	Ratio	Lower	Upper
128	100		
129	17.3	9.8	14.6#
127	16.9	11.1	16.7#

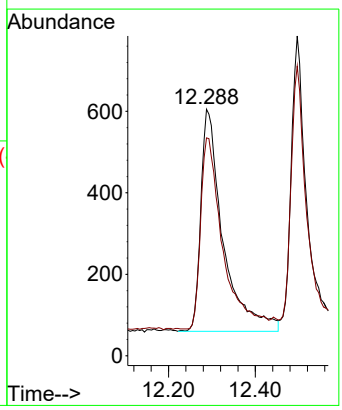


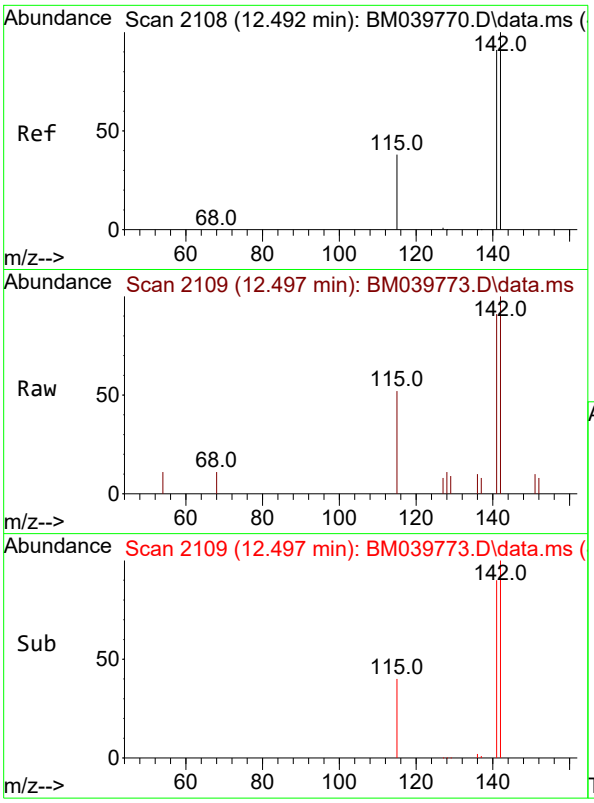


#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.288 min Scan# 2071
Delta R.T. 0.010 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Tgt Ion:142 Resp: 1940

Ion	Ratio	Lower	Upper
142	100		
141	86.9	73.2	109.8



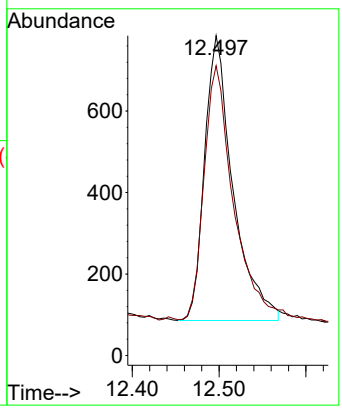


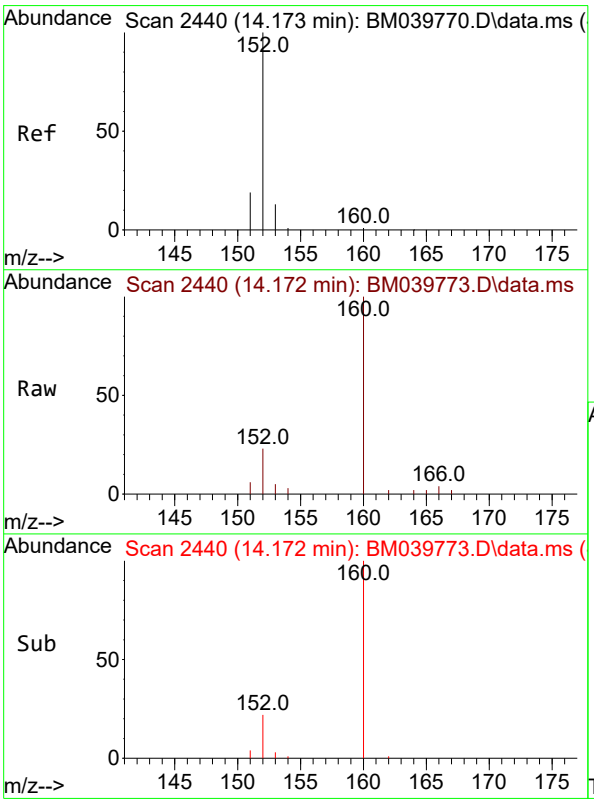
#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.497 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Tgt Ion:142 Resp: 1589

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.2

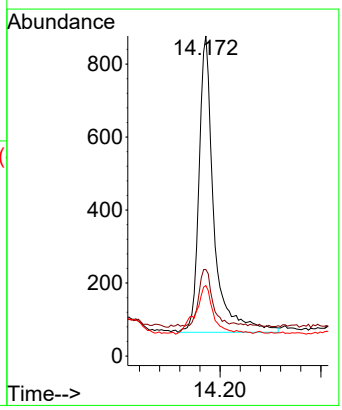


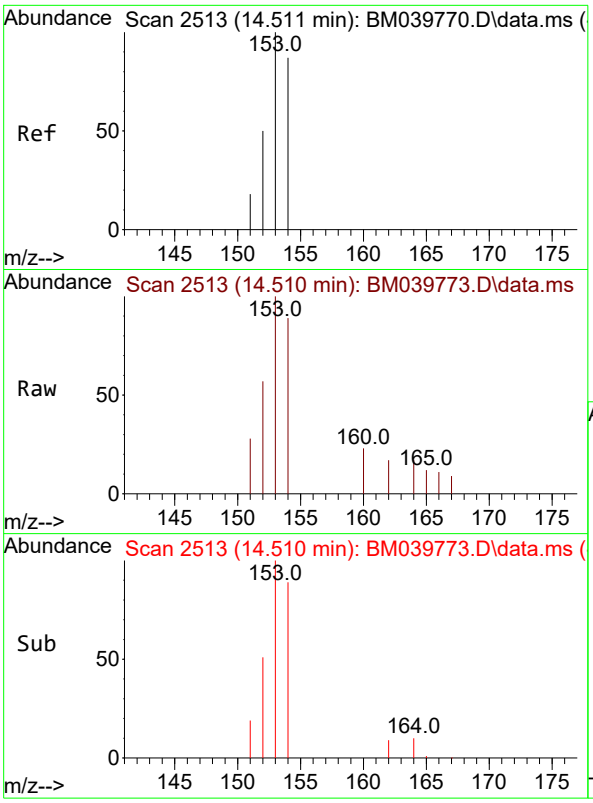


#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.172 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Tgt Ion:152 Resp: 1666

Ion	Ratio	Lower	Upper
152	100		
151	27.0	16.0	24.0#
153	22.0	11.2	16.8#



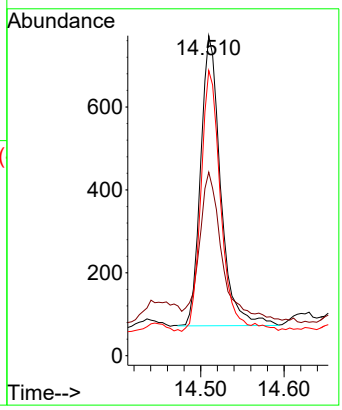


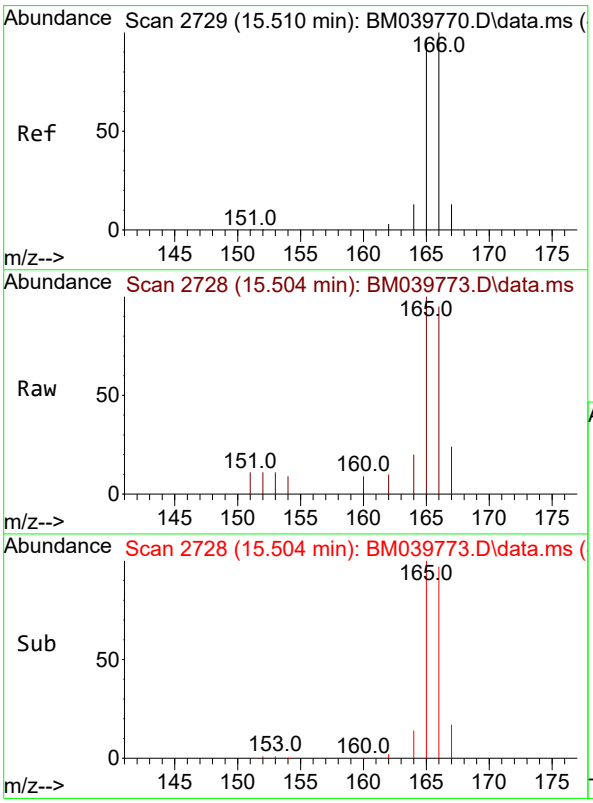
#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.510 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Tgt Ion:153 Resp: 1168

Ion	Ratio	Lower	Upper
153	100		
152	57.4	40.6	61.0
154	89.1	71.9	107.9

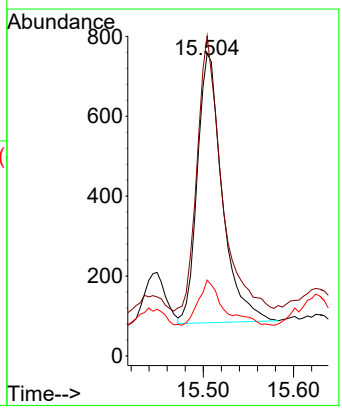


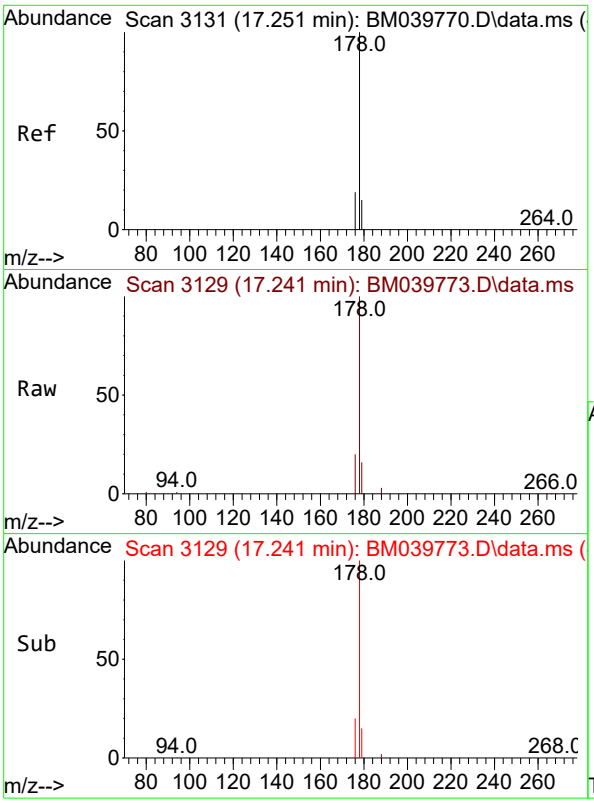


#12
Fluorene
Concen: 0.053 ng/ul
RT: 15.504 min Scan# 2728
Delta R.T. -0.006 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Tgt Ion:166 Resp: 1294

Ion	Ratio	Lower	Upper
166	100		
165	105.8	79.0	118.6
167	25.1	11.8	17.6#



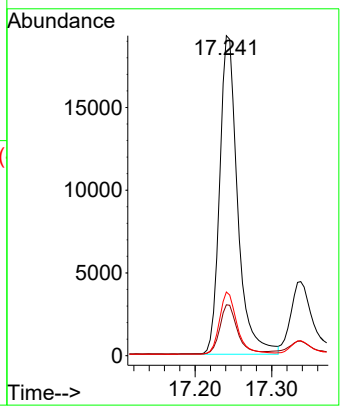


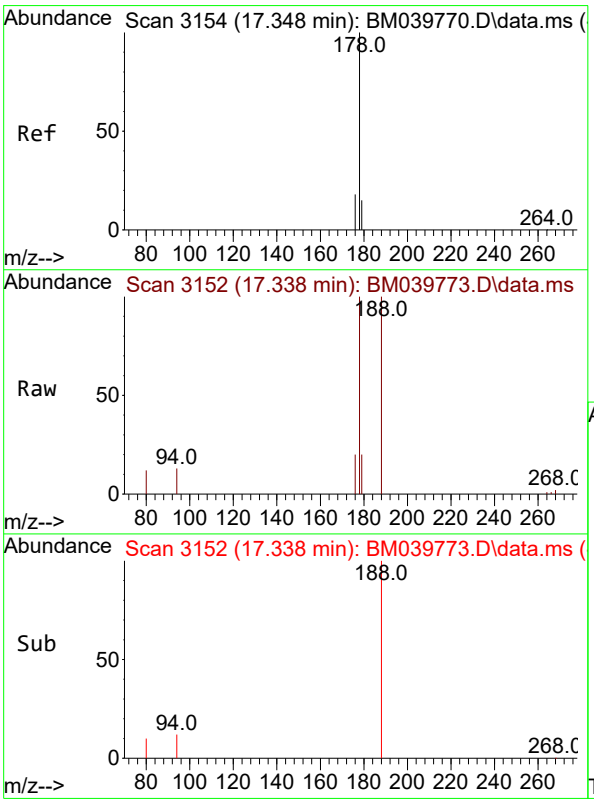
#15
Phenanthrene
Concen: 0.795 ng/ul
RT: 17.241 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Tgt Ion:178 Resp: 31363

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	19.9	15.8	23.8

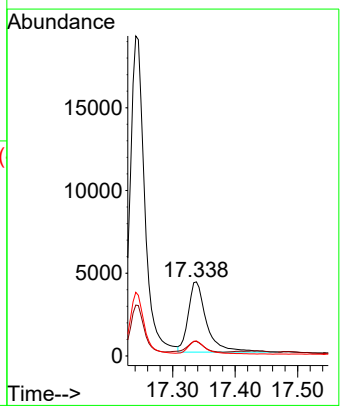


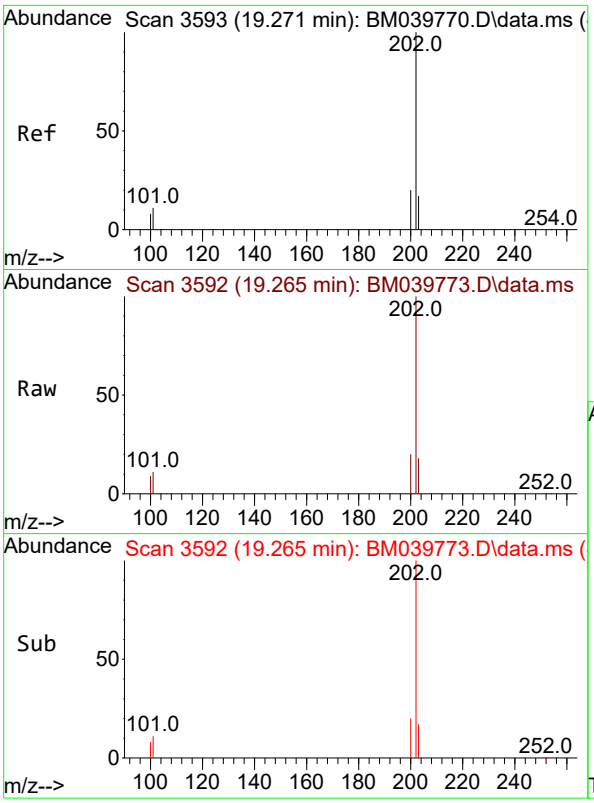


#16
Anthracene
Concen: 0.255 ng/ul
RT: 17.338 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Tgt Ion:178 Resp: 8628

Ion	Ratio	Lower	Upper
178	100		
179	19.6	13.8	20.6
176	20.3	15.8	23.8



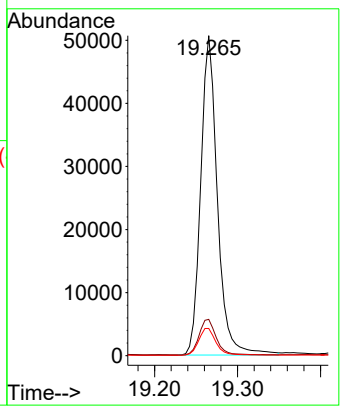


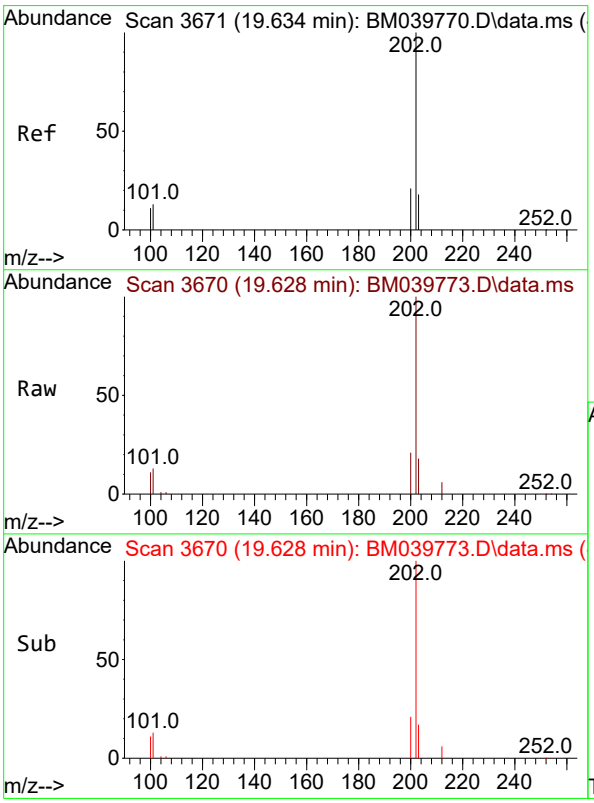
#19
Fluoranthene
Concen: 1.622 ng/ul
RT: 19.265 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Tgt Ion:202 Resp: 71030

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
100	8.5	7.3	10.9

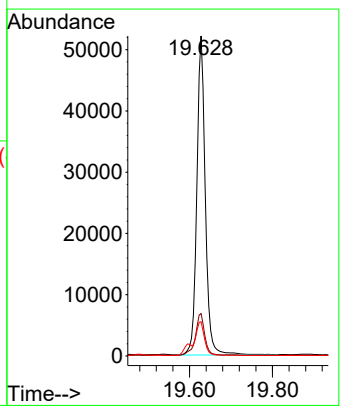


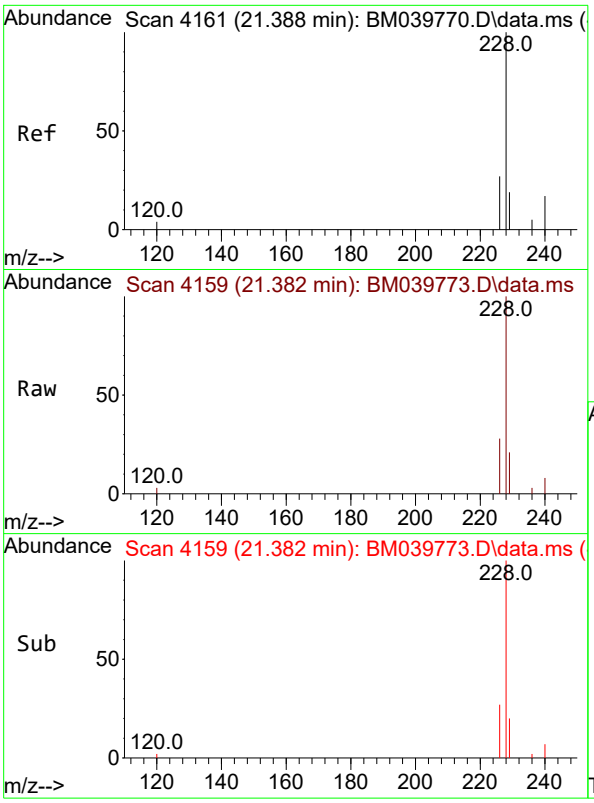


#20
Pyrene
Concen: 1.573 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. -0.006 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Tgt Ion:202 Resp: 74392

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.9	16.3
100	10.7	8.9	13.3



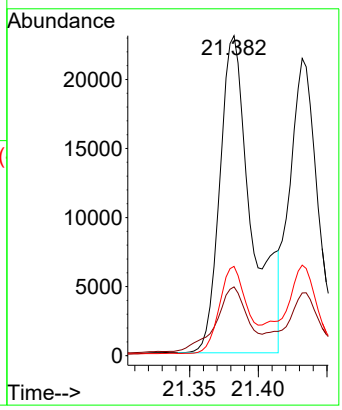


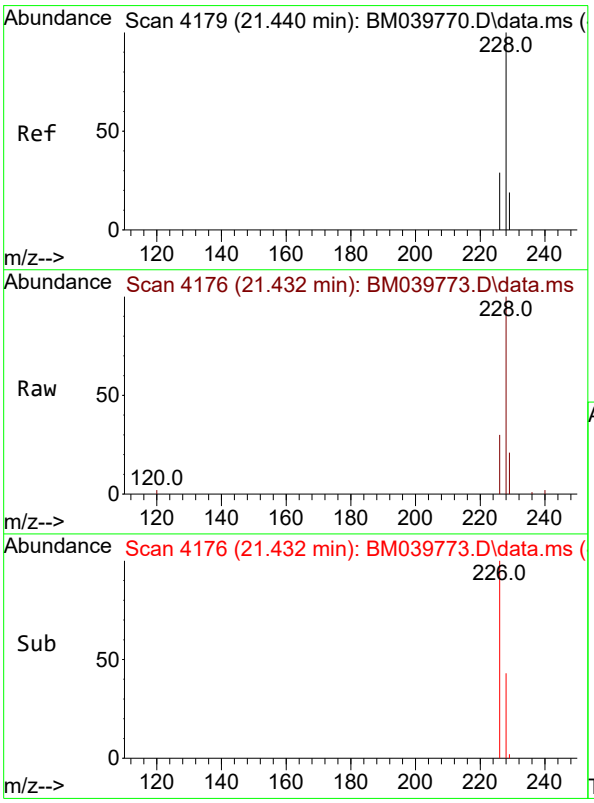
#21
Benzo(a)anthracene
Concen: 1.048 ng/ul
RT: 21.382 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Tgt Ion:228 Resp: 36961

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	27.9	21.6	32.4

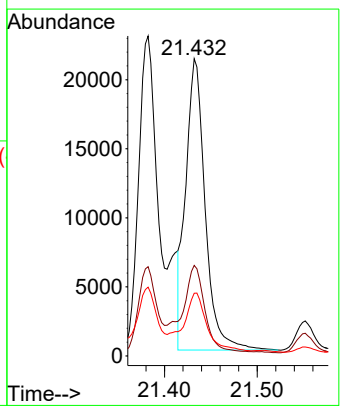


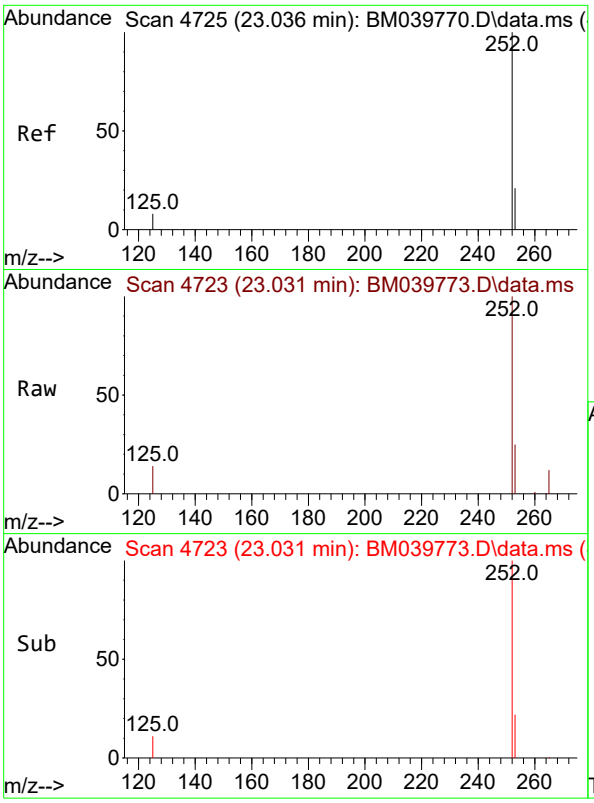


#22
Chrysene
Concen: 0.770 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Tgt Ion:228 Resp: 30727

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	21.1	15.9	23.9



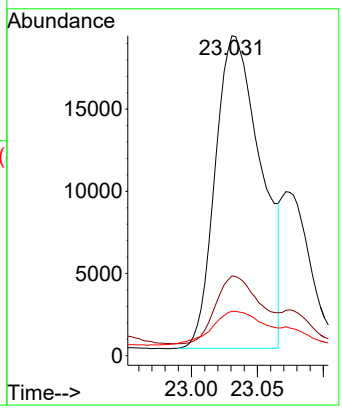


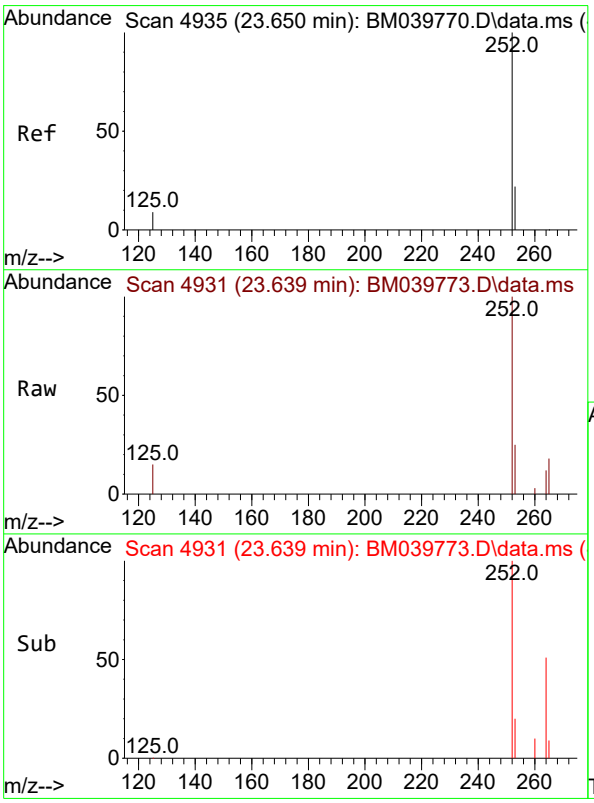
#24
Benzo(b)fluoranthene
Concen: 1.245 ng/ul
RT: 23.031 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Tgt Ion:252 Resp: 45891

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	52.8
125	13.9	0.0	31.6

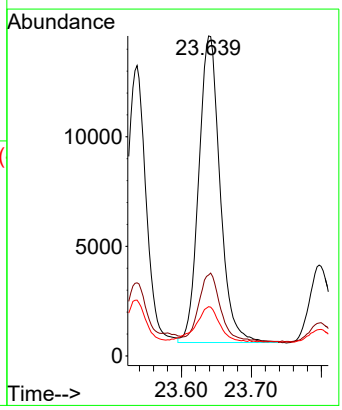


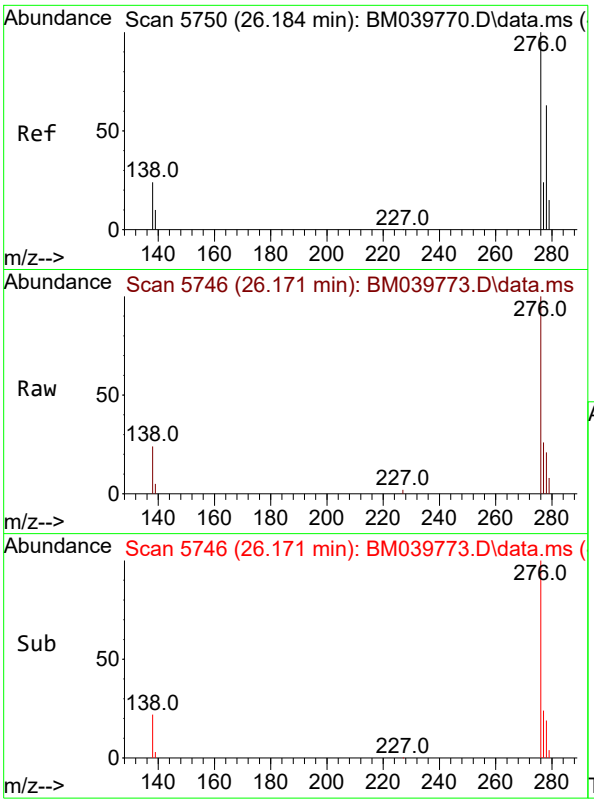


#26
Benzo(a)pyrene
Concen: 0.891 ng/ul
RT: 23.639 min Scan# 4931
Delta R.T. -0.004 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Tgt Ion:252 Resp: 29494

Ion	Ratio	Lower	Upper
252	100		
253	25.3	24.7	37.1
125	15.4	16.5	24.7#



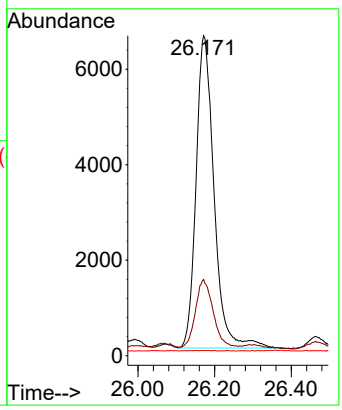


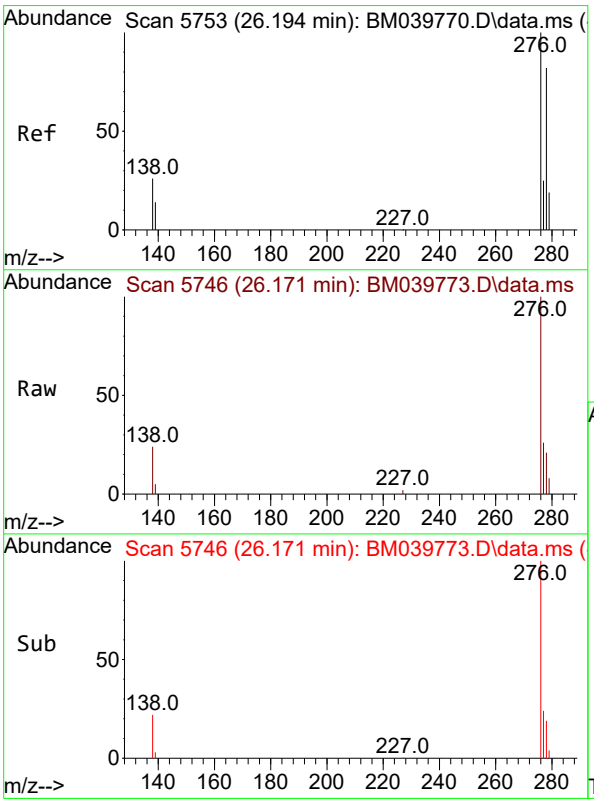
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.510 ng/ul
RT: 26.171 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Tgt Ion:276 Resp: 21348

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.1	31.7
227	0.1	0.1	0.1#

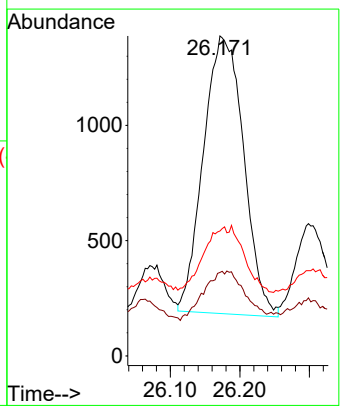


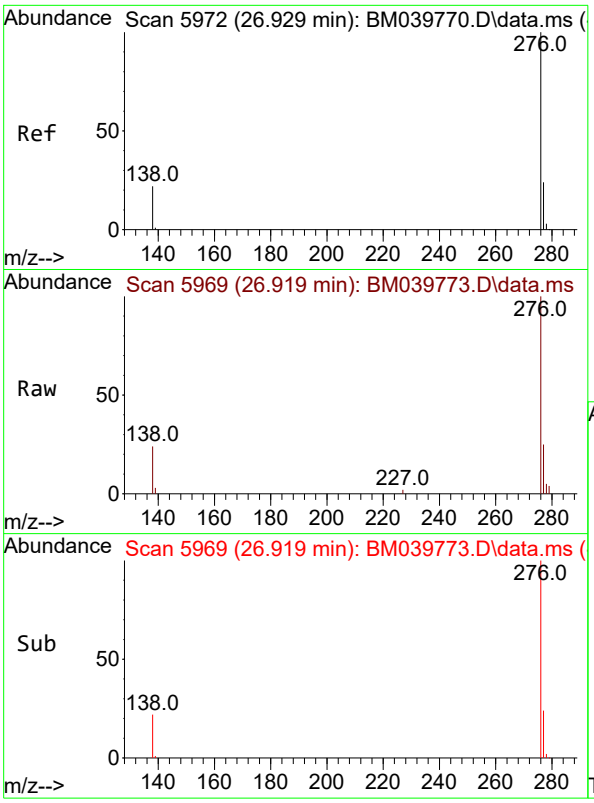


#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.018 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Tgt Ion:278 Resp: 4841

Ion	Ratio	Lower	Upper
278	100		
139	26.1	17.0	25.6#
279	39.0	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.579 ng/ul
RT: 26.919 min Scan# 5
Delta R.T. -0.001 min
Lab File: BM039773.D
Acq: 01 May 2023 12:31

Instrument :
BNA_M
ClientSampleId :
EW8Y0DL

Tgt Ion:276 Resp: 21134

Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.1	30.1
277	25.5	20.1	30.1