Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039874.D
Acq On : 08 May 2023 18:19
Operator : CG/JU
Sample : 02479-14DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW973DL

Quant Time: May 09 01:52:45 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	7.783	152	3932	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.584	136	14117	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.437	164	7946	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	15228	0.400	ng/ul	0.00
17) Chrysene-d12	21.391	240	8599	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	8181	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	2598	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	751	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	1366	0.059	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.639	128	1337	0.038	ng/ul#	77
7) 2-Methylnaphthalene	12.272	142	967	0.047	ng/ul	98
8) 1-Methylnaphthalene	12.487	142	680	0.031	ng/ul	99
10) Acenaphthylene	14.159	152	2132	0.069	ng/ul#	82
11) Acenaphthene	14.497	153	711	0.029	ng/ul	95
12) Fluorene	15.492	166	961	0.036	ng/ul#	93
15) Phenanthrene	17.234	178	19660	0.490	ng/ul	100
16) Anthracene	17.326	178	5444	0.158	ng/ul	95
19) Fluoranthene	19.257	202	48521	1.582	ng/ul	98
20) Pyrene	19.620	202	44696	1.349	ng/ul	99
21) Benzo(a)anthracene	21.373	228	26687	1.079	ng/ul	96
22) Chrysene	21.426	228	20817	0.744	ng/ul	96
24) Benzo(b)fluoranthene	23.024	252	33029	1.150	ng/ul	98
26) Benzo(a)pyrene	23.629	252	21285	0.825	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.164	276	17905	0.549	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.167	278	4505	0.178	ng/ul#	68
29) Benzo(g,h,i)perylene	26.915	276	20213	0.711	ng/ul	98

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

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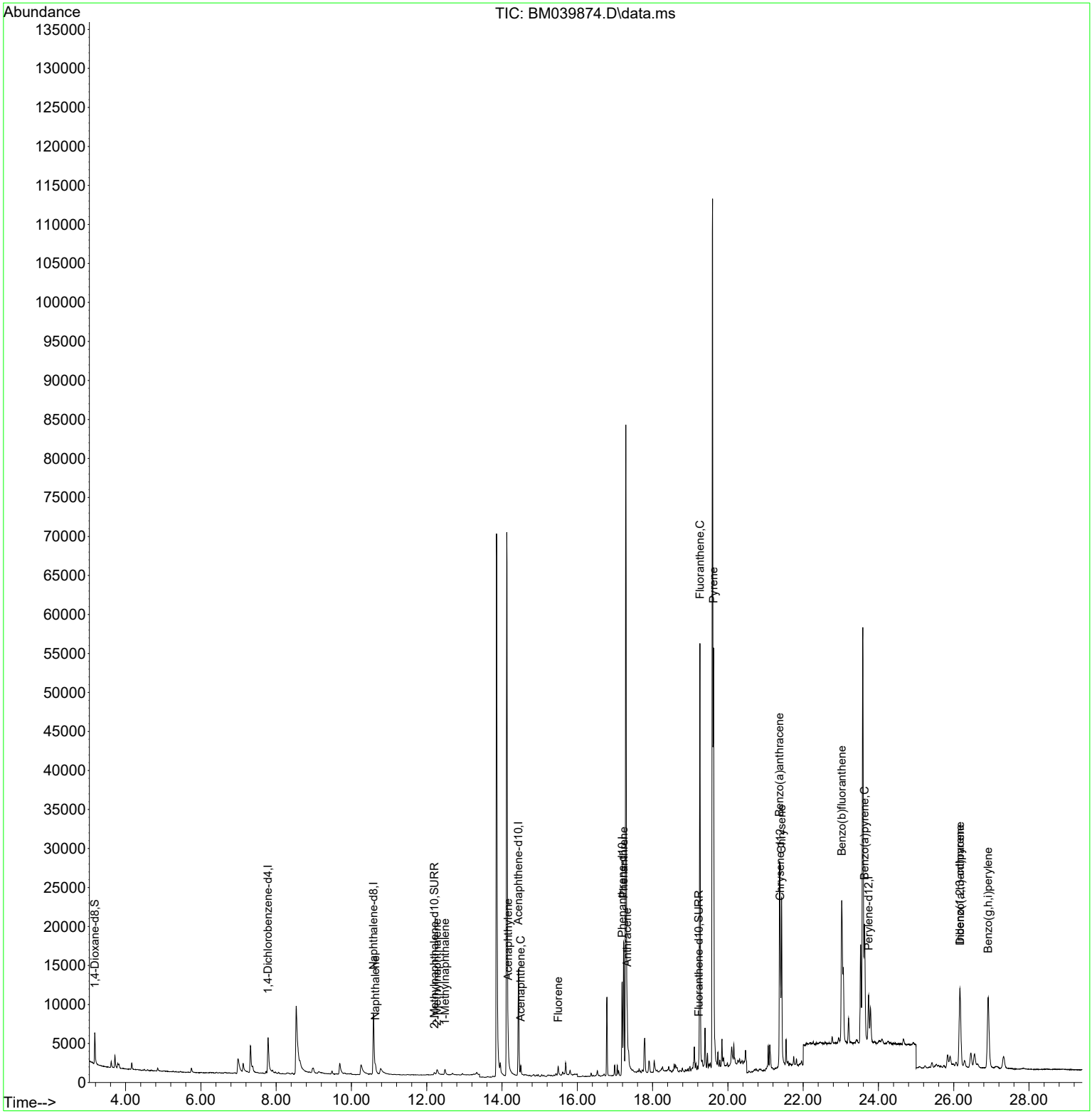
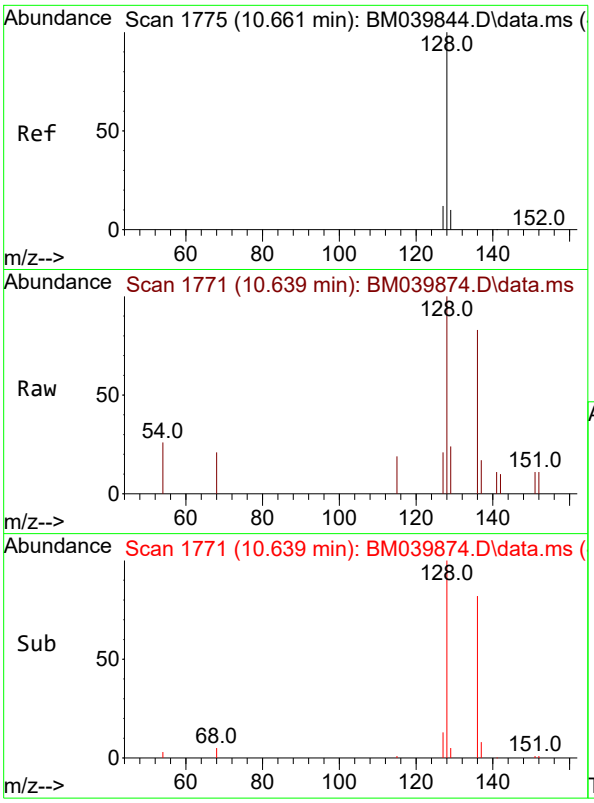


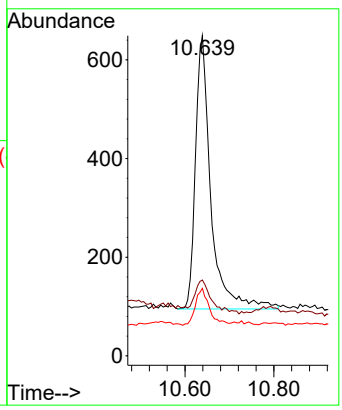


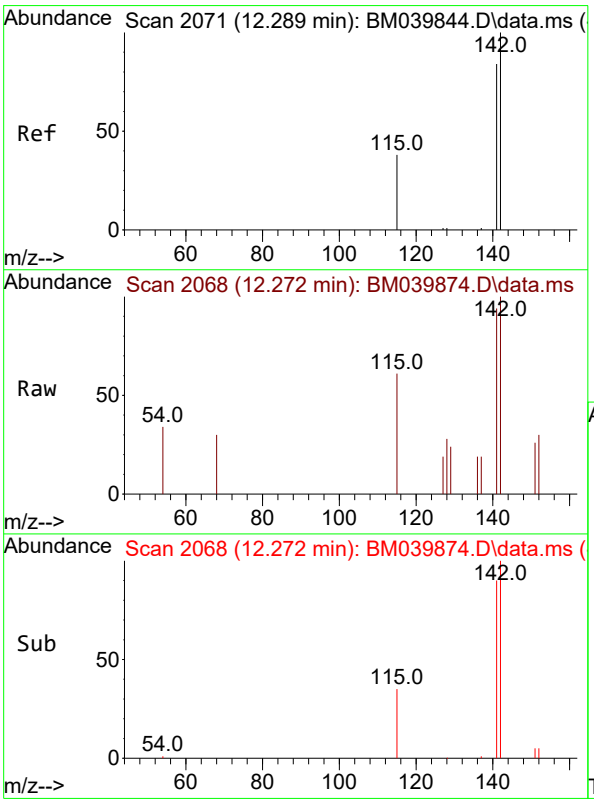
#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.639 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Instrument :
BNA_M
ClientSampleId :
EW973DL

Tgt Ion:128 Resp: 1337

Ion	Ratio	Lower	Upper
128	100		
129	23.7	9.8	14.6#
127	21.1	11.1	16.7#

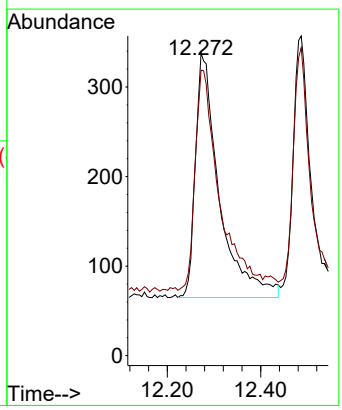


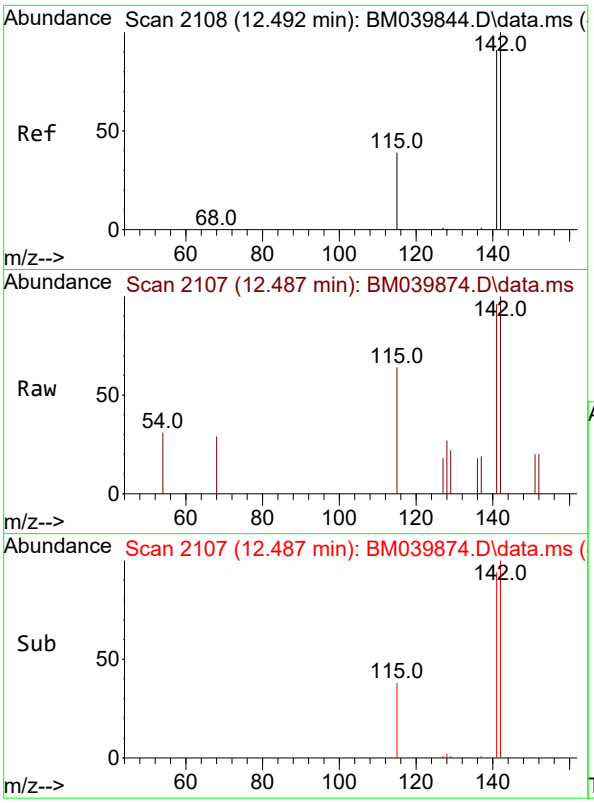


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Tgt Ion:142 Resp: 967

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.2	109.8



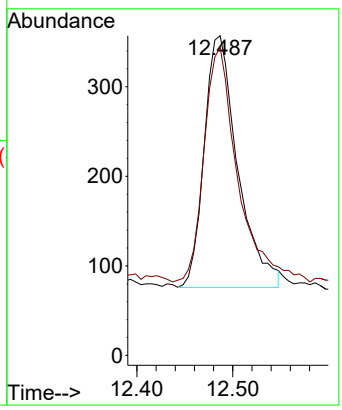


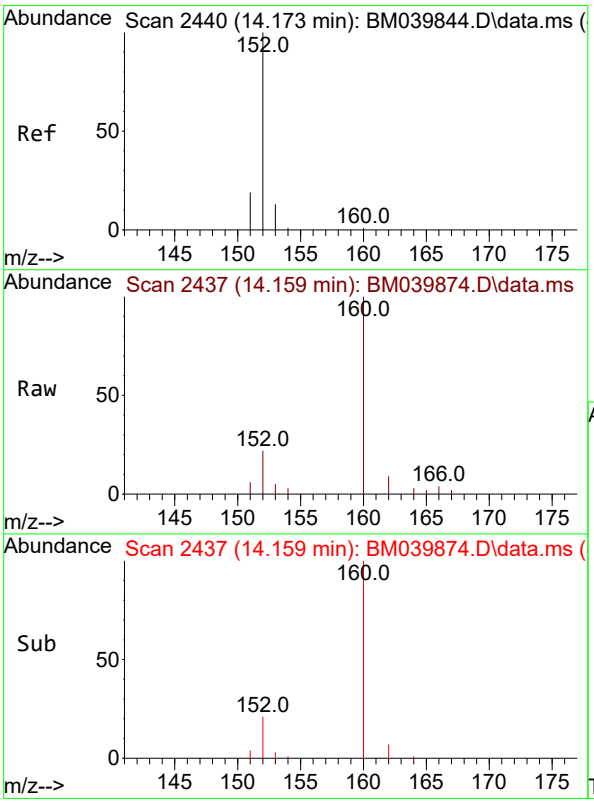
#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.487 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Instrument :
BNA_M
ClientSampleId :
EW973DL

Tgt Ion:142 Resp: 680

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.2

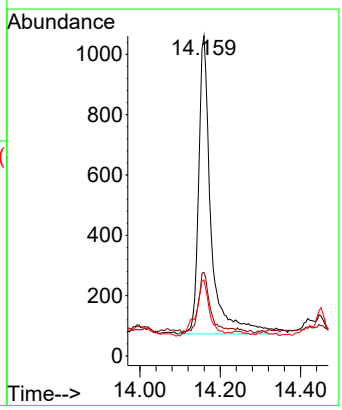


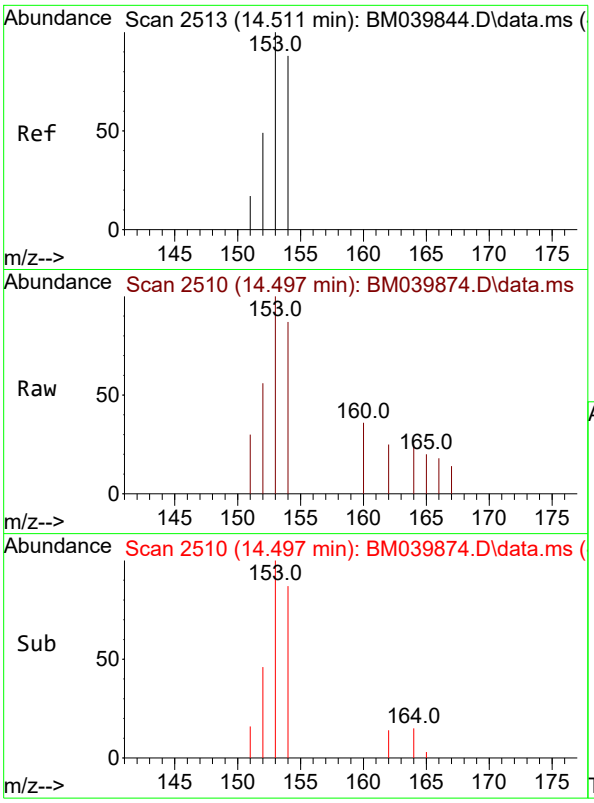


#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Tgt Ion:152 Resp: 2132

Ion	Ratio	Lower	Upper
152	100		
151	26.1	16.0	24.0#
153	23.8	11.2	16.8#



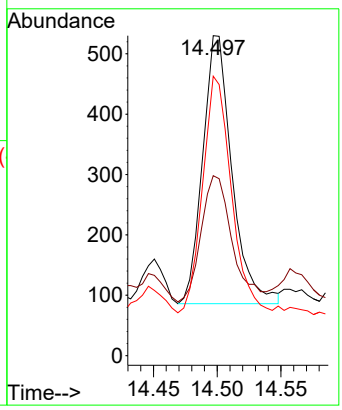


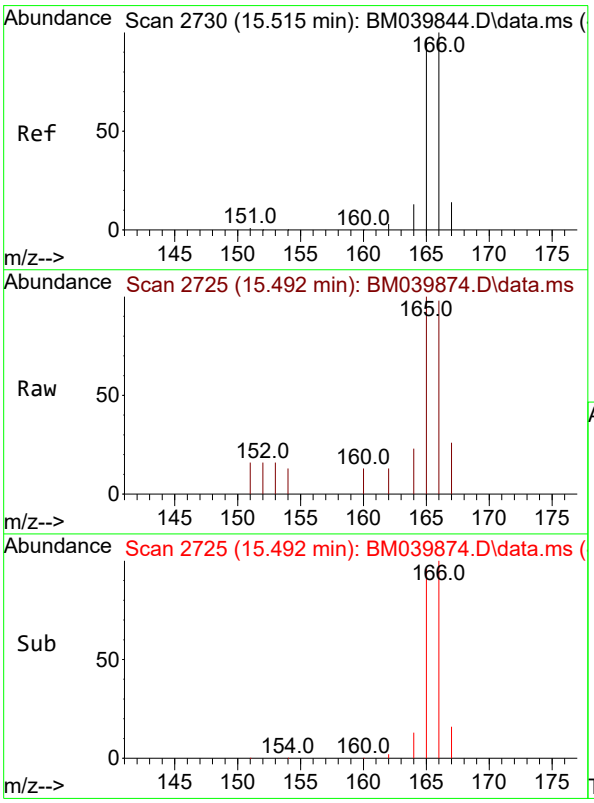
#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.497 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Instrument :
BNA_M
ClientSampleId :
EW973DL

Tgt Ion:153 Resp: 711

Ion	Ratio	Lower	Upper
153	100		
152	56.2	40.6	61.0
154	87.4	71.9	107.9

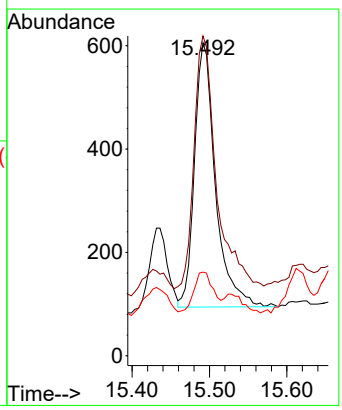


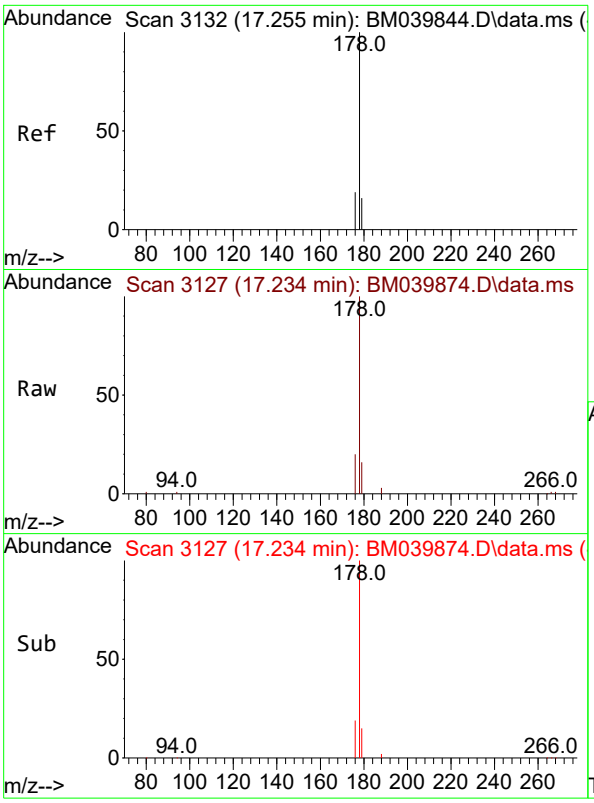


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.492 min Scan# 2725
Delta R.T. -0.009 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Tgt Ion:166 Resp: 961

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.0	118.6
167	26.7	11.8	17.6#



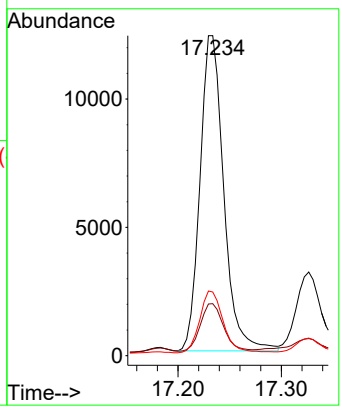


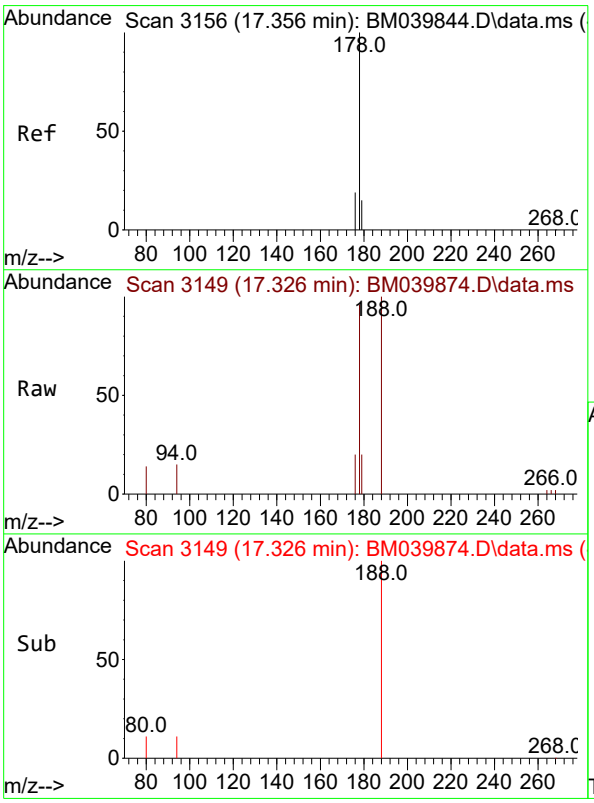
#15
Phenanthrene
Concen: 0.490 ng/ul
RT: 17.234 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Instrument :
BNA_M
ClientSampleId :
EW973DL

Tgt Ion:178 Resp: 19660

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	19.9	15.8	23.8

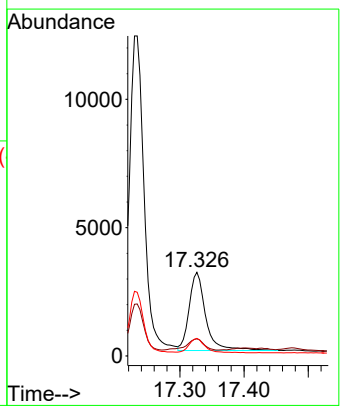


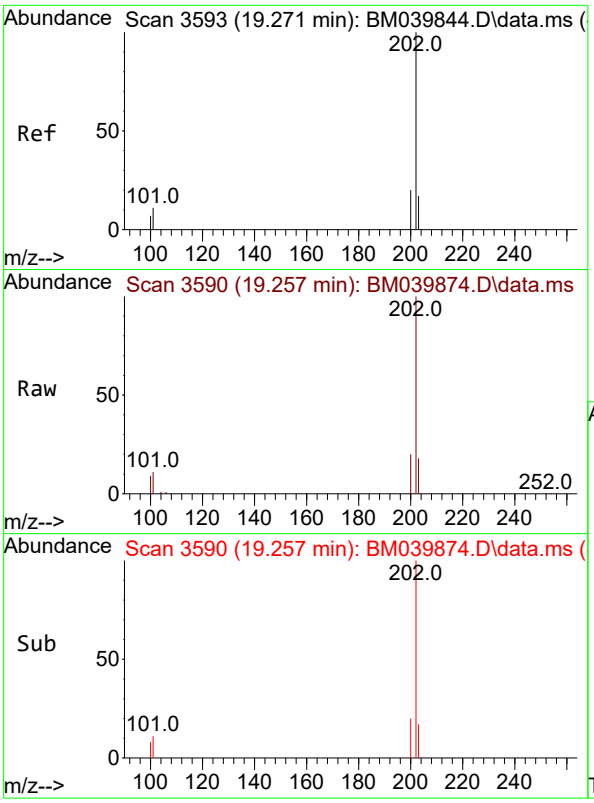


#16
Anthracene
Concen: 0.158 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. -0.013 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Tgt Ion:178 Resp: 5444

Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.8	20.6
176	21.1	15.8	23.8



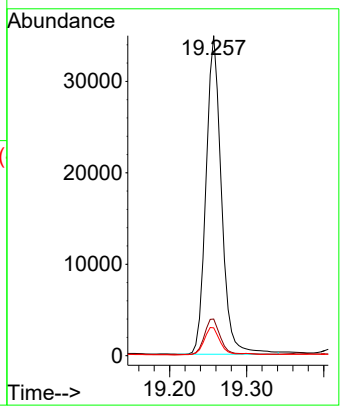


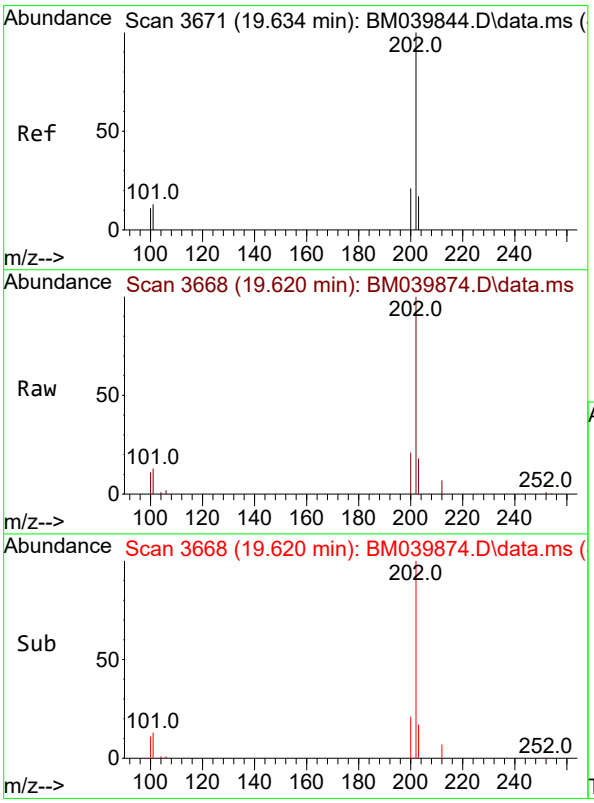
#19
Fluoranthene
Concen: 1.582 ng/ul
RT: 19.257 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Instrument :
BNA_M
ClientSampleId :
EW973DL

Tgt Ion:202 Resp: 48521

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	8.7	7.3	10.9

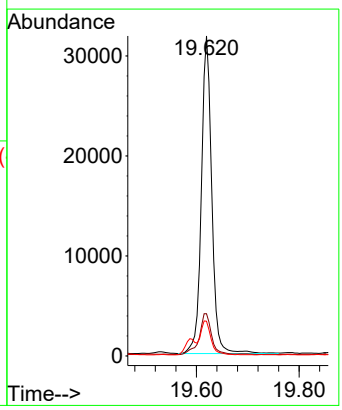


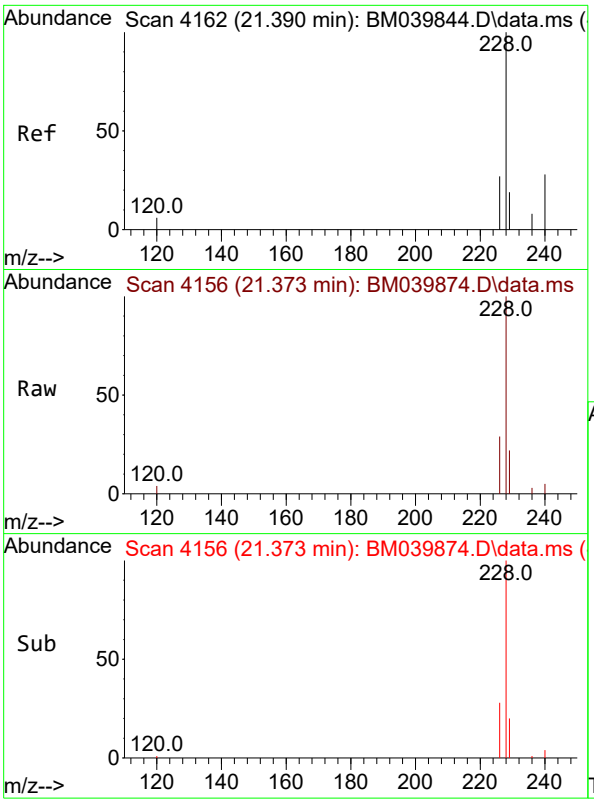


#20
Pyrene
Concen: 1.349 ng/ul
RT: 19.620 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Tgt Ion:202 Resp: 44696

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.9	16.3
100	10.9	8.9	13.3



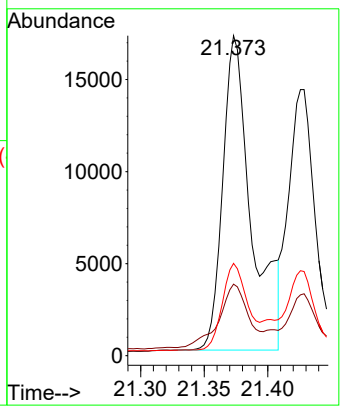


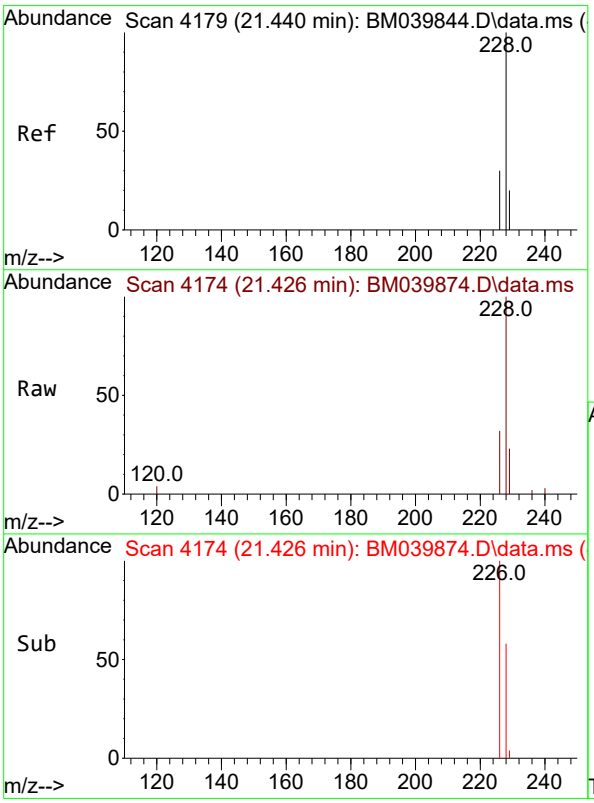
#21
Benzo(a)anthracene
Concen: 1.079 ng/ul
RT: 21.373 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Instrument :
BNA_M
ClientSampleId :
EW973DL

Tgt Ion:228 Resp: 26687

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.2	24.2
226	28.9	21.6	32.4

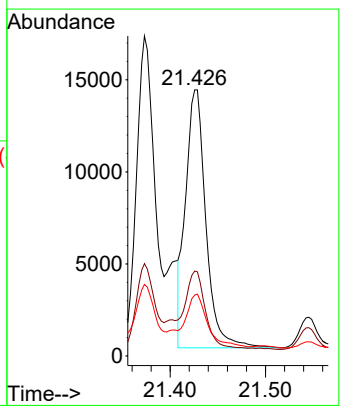


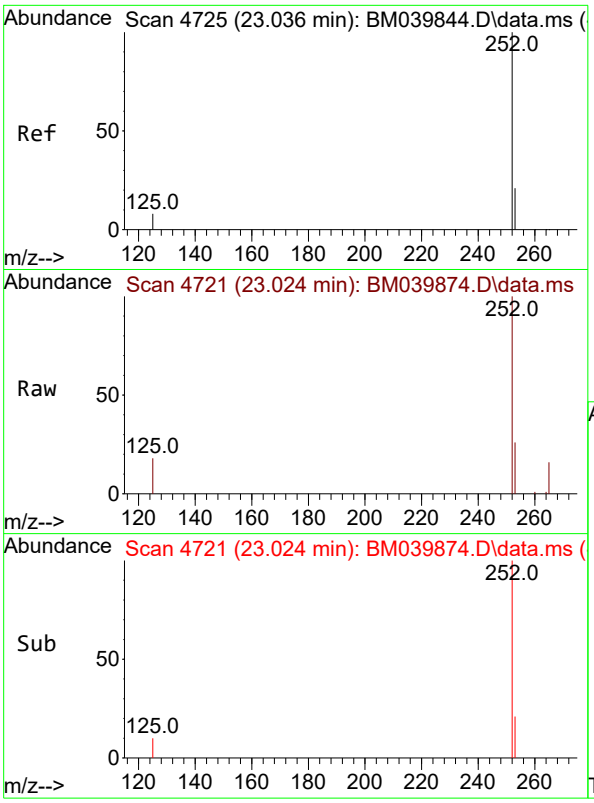


#22
Chrysene
Concen: 0.744 ng/ul
RT: 21.426 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Tgt Ion:228 Resp: 20817

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.3	36.5
229	22.9	15.9	23.9



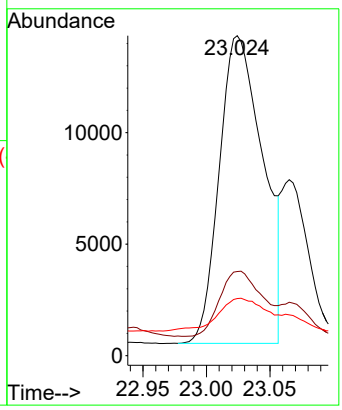


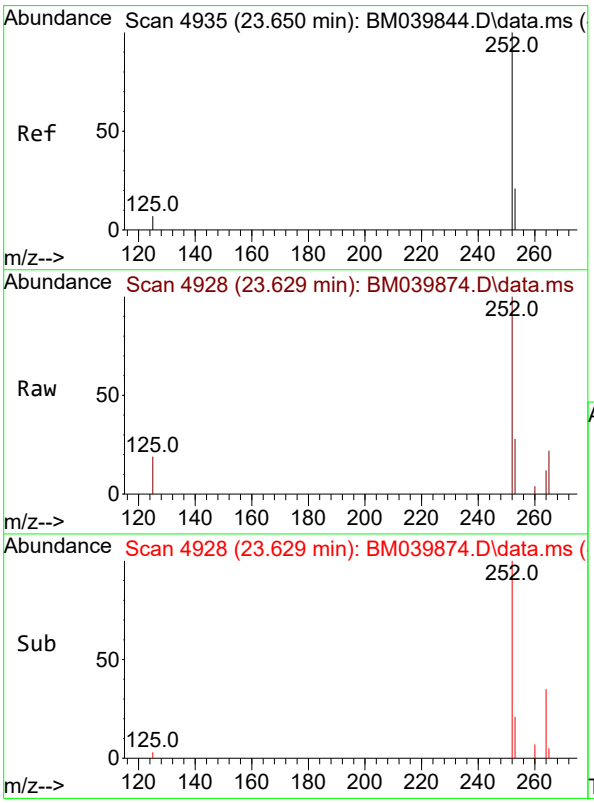
#24
Benzo(b)fluoranthene
Concen: 1.150 ng/ul
RT: 23.024 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Instrument :
BNA_M
ClientSampleId :
EW973DL

Tgt Ion:252 Resp: 33029

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	52.8
125	17.9	0.0	31.6

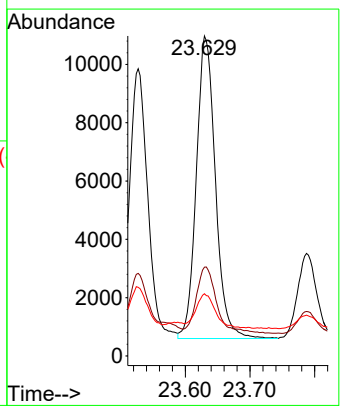


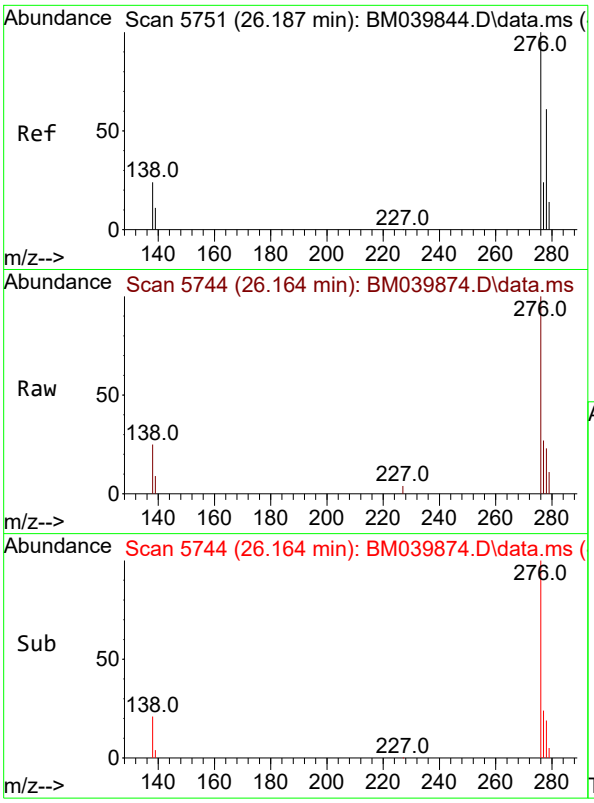


#26
Benzo(a)pyrene
Concen: 0.825 ng/ul
RT: 23.629 min Scan# 4928
Delta R.T. -0.007 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Tgt Ion:252 Resp: 21285

Ion	Ratio	Lower	Upper
252	100		
253	27.7	24.7	37.1
125	19.5	16.5	24.7



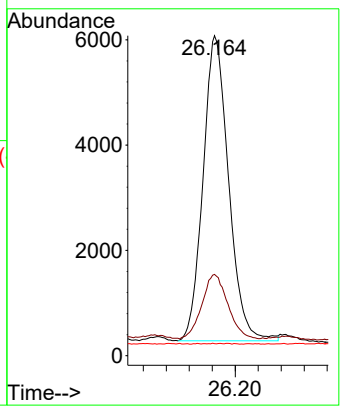


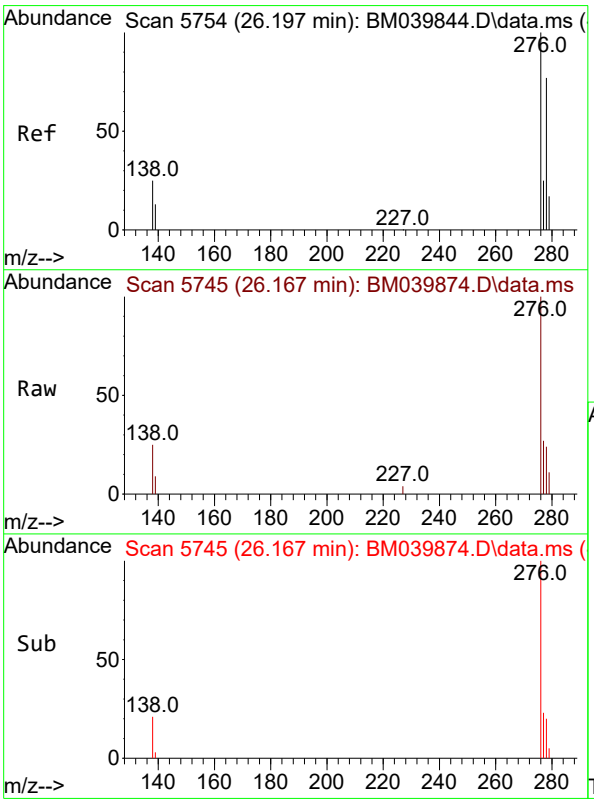
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.549 ng/ul
RT: 26.164 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Instrument :
BNA_M
ClientSampleId :
EW973DL

Tgt Ion:276 Resp: 17905

Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.1	31.7
227	0.0	0.1	0.1#

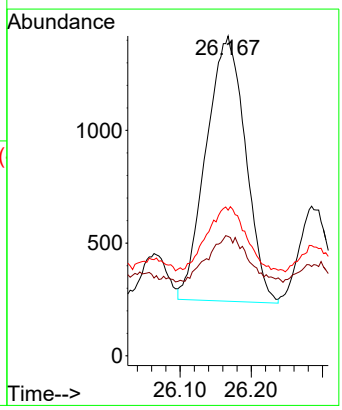


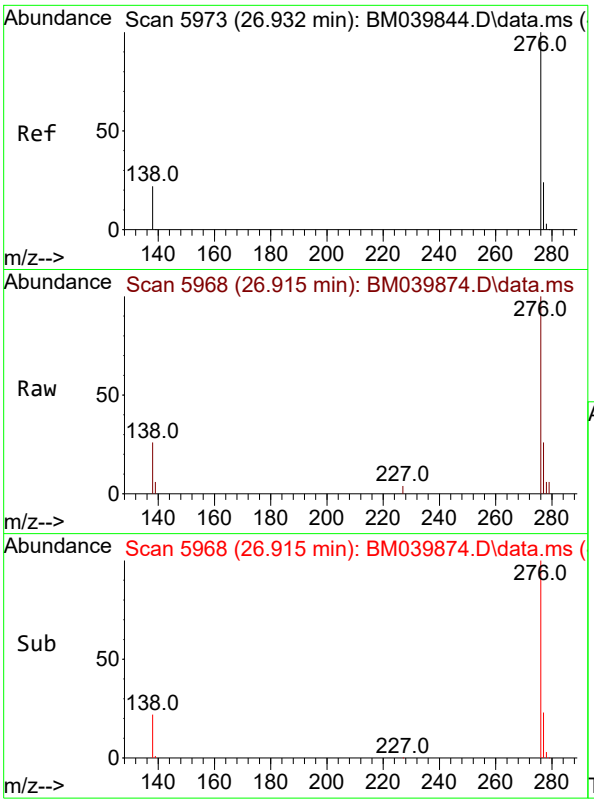


#28
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul
RT: 26.167 min Scan# 5745
Delta R.T. -0.012 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Tgt Ion:278 Resp: 4505

Ion	Ratio	Lower	Upper
278	100		
139	37.4	17.0	25.6#
279	45.5	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.711 ng/ul
RT: 26.915 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM039874.D
Acq: 08 May 2023 18:19

Instrument :
BNA_M
ClientSampleId :
EW973DL

Tgt Ion:276 Resp: 20213

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.1	30.1
277	26.2	20.1	30.1