Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039869.D
Acq On : 08 May 2023 14:38
Operator : CG/JU
Sample : 02479-03DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW944DL

Quant Time: May 09 01:51:50 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	4152	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.588	136	15009	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.435	164	8135	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.190	188	15359	0.400	ng/ul	0.00
17) Chrysene-d12	21.390	240	8439	0.400	ng/ul	# 0.00
23) Perylene-d12	23.738	264	8309	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	2579	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	717	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.227	212	1281	0.056	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.638	128	1395	0.037	ng/ul#	78
7) 2-Methylnaphthalene	12.271	142	875	0.040	ng/ul	96
8) 1-Methylnaphthalene	12.480	142	630	0.027	ng/ul	97
10) Acenaphthylene	14.158	152	1951	0.062	ng/ul#	84
11) Acenaphthene	14.496	153	734	0.030	ng/ul	96
12) Fluorene	15.495	166	977	0.036	ng/ul#	89
15) Phenanthrene	17.232	178	20099	0.497	ng/ul	99
16) Anthracene	17.325	178	3601	0.104	ng/ul#	89
19) Fluoranthene	19.255	202	39620	1.316	ng/ul	100
20) Pyrene	19.618	202	44984	1.384	ng/ul	98
21) Benzo(a)anthracene	21.373	228	19278	0.795	ng/ul#	85
22) Chrysene	21.426	228	19826	0.722	ng/ul#	89
24) Benzo(b)fluoranthene	23.024	252	32668	1.120	ng/ul	91
26) Benzo(a)pyrene	23.632	252	20997	0.801	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.167	276	21090	0.637	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.167	278	5601	0.218	ng/ul#	48
29) Benzo(g,h,i)perylene	26.915	276	22559	0.781	ng/ul	94

(#) = 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 01:51:50 2023
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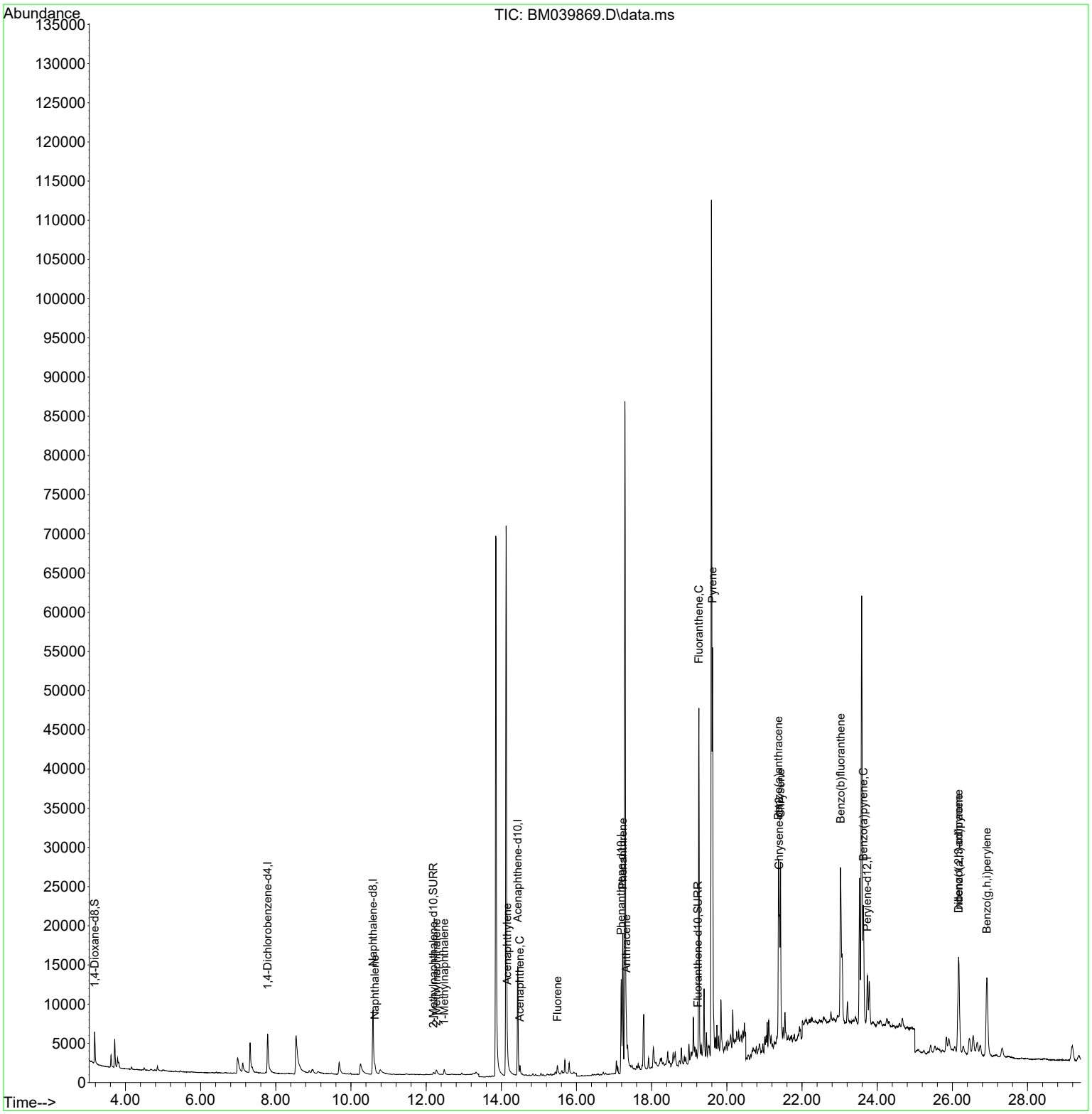
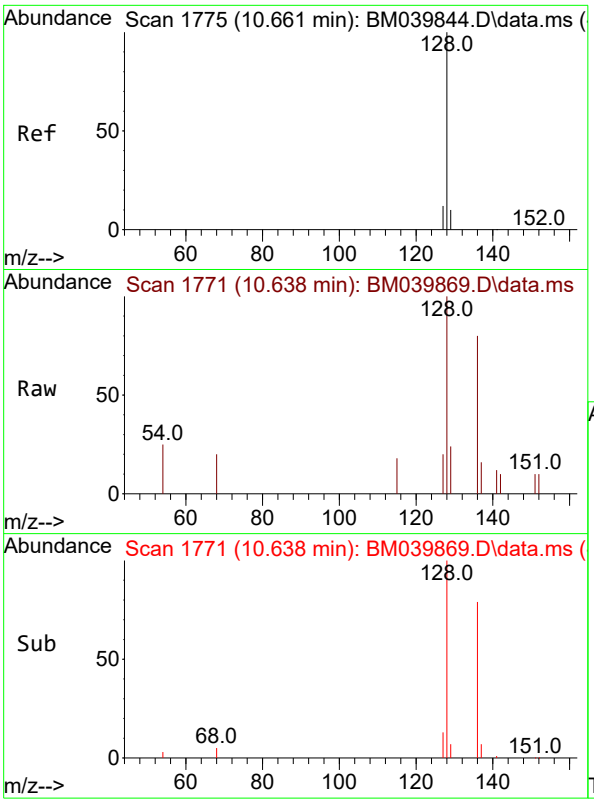
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
Response via : Initial Calibration



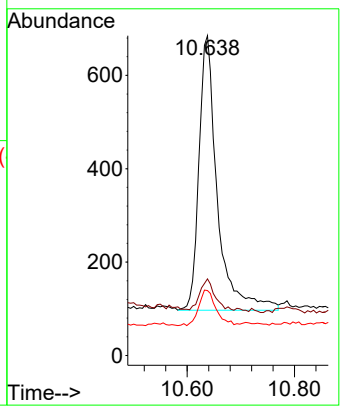


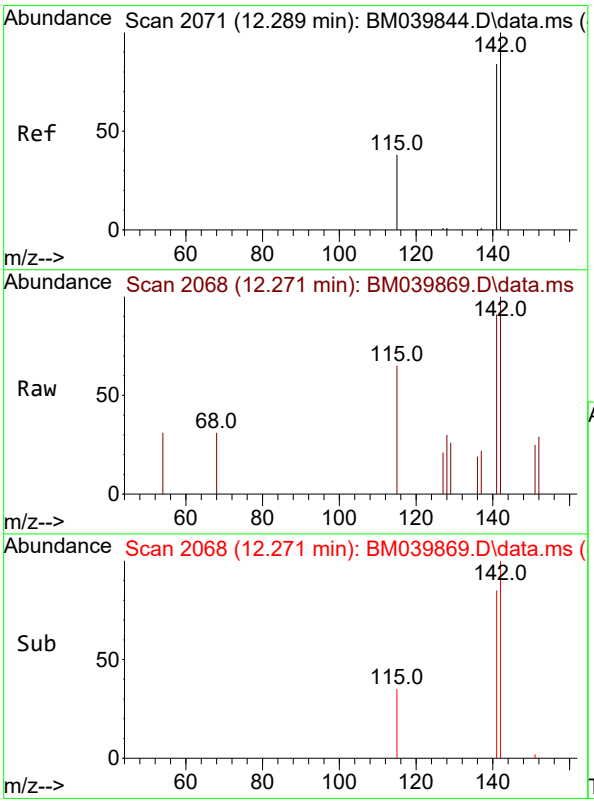
#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.638 min Scan# 1
Delta R.T. -0.007 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:128 Resp: 1395

Ion	Ratio	Lower	Upper
128	100		
129	23.9	9.8	14.6#
127	20.3	11.1	16.7#

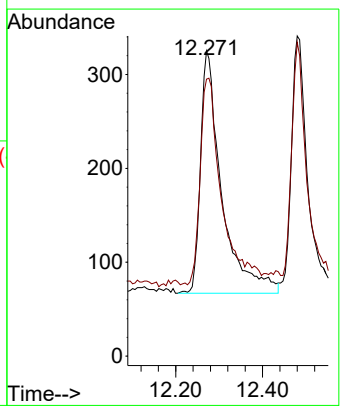


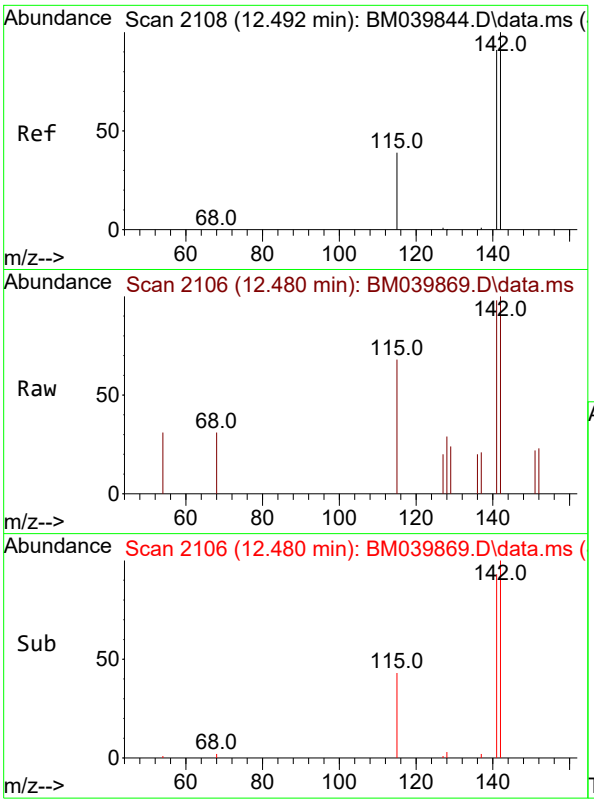


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.271 min Scan# 2068
Delta R.T. -0.001 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:142 Resp: 875

Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.2	109.8



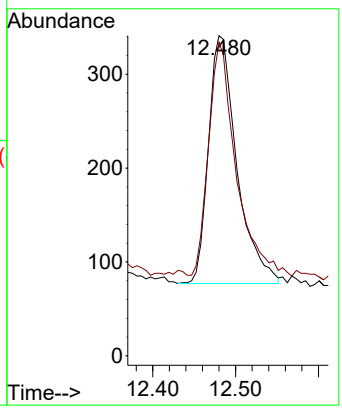


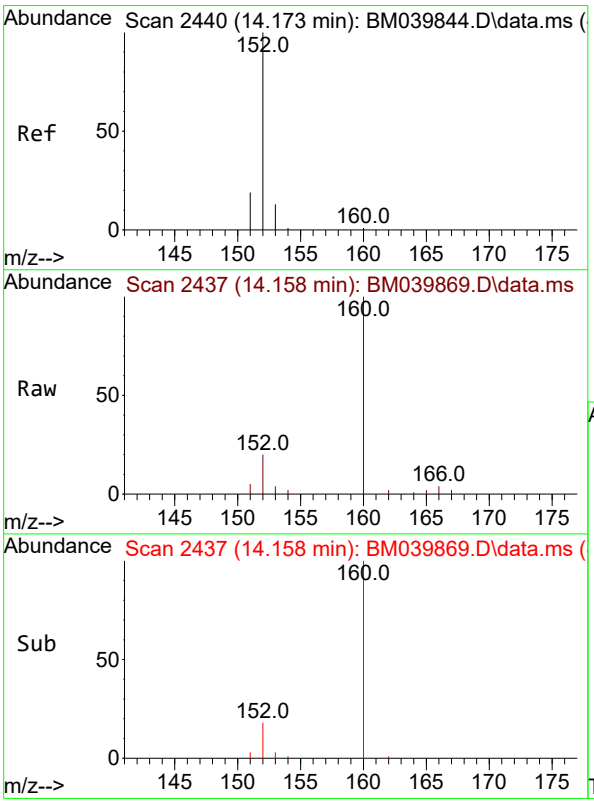
#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.480 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:142 Resp: 630

Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.4	110.2

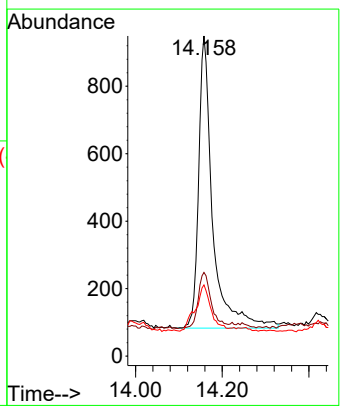


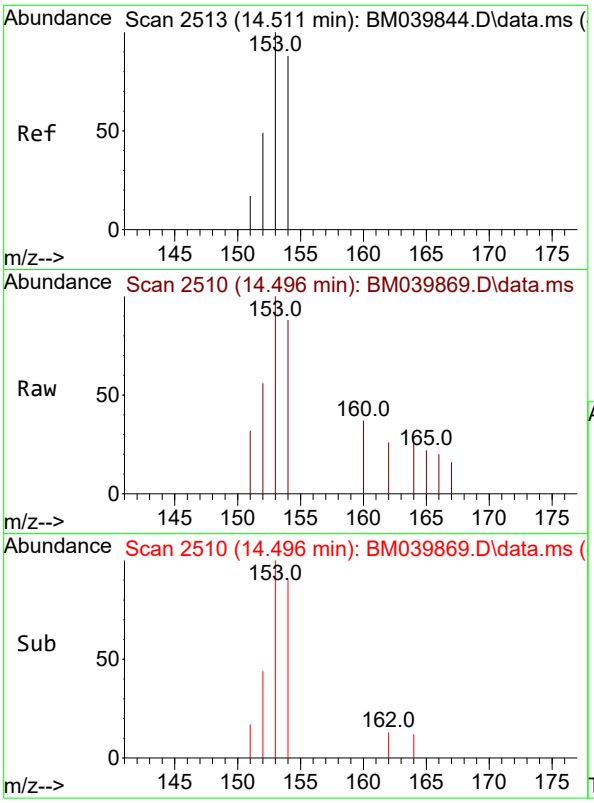


#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.158 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:152 Resp: 1951

Ion	Ratio	Lower	Upper
152	100		
151	26.1	16.0	24.0#
153	22.2	11.2	16.8#



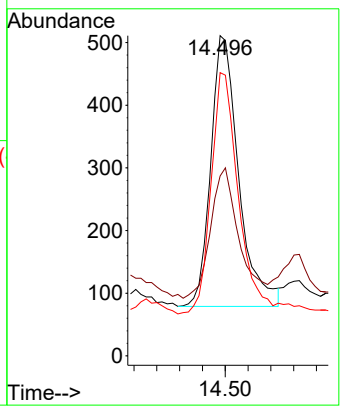


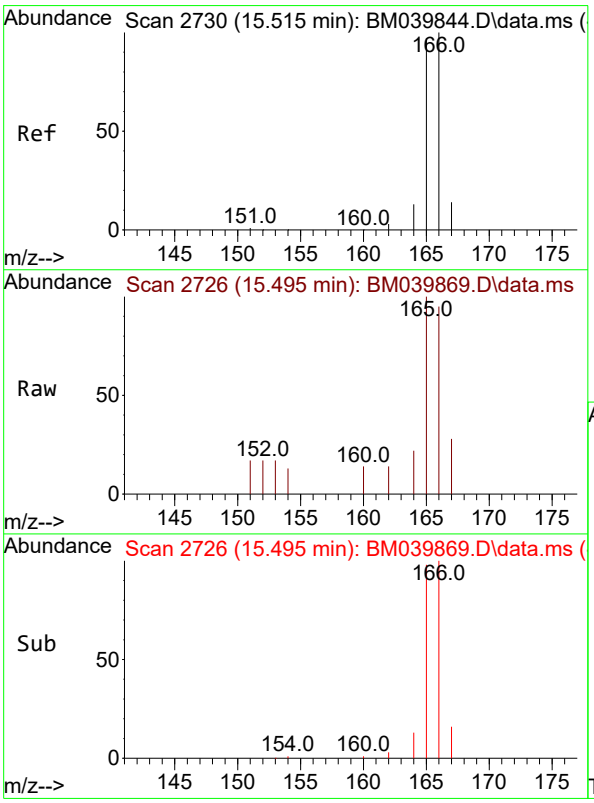
#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.496 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:153 Resp: 734

Ion	Ratio	Lower	Upper
153	100		
152	56.2	40.6	61.0
154	88.5	71.9	107.9

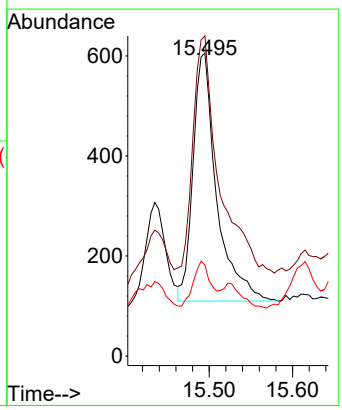


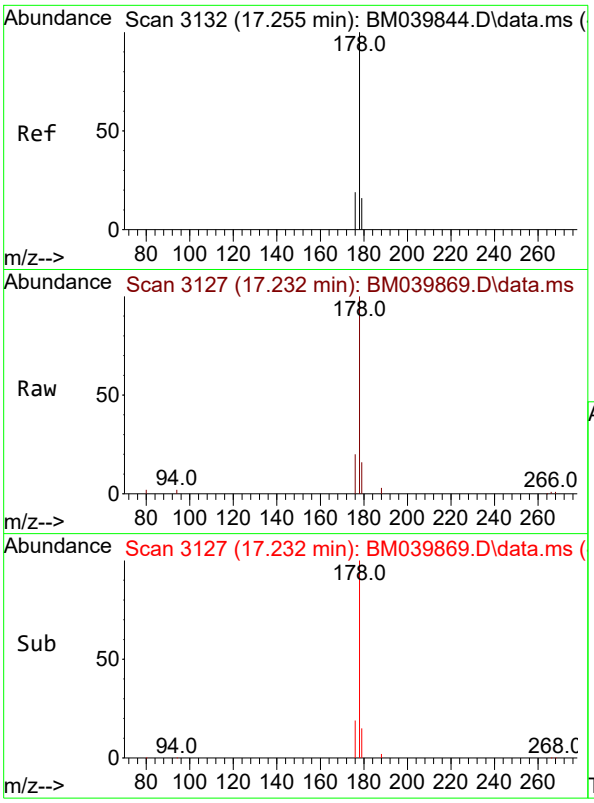


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.495 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:166 Resp: 977

Ion	Ratio	Lower	Upper
166	100		
165	105.6	79.0	118.6
167	30.0	11.8	17.6#



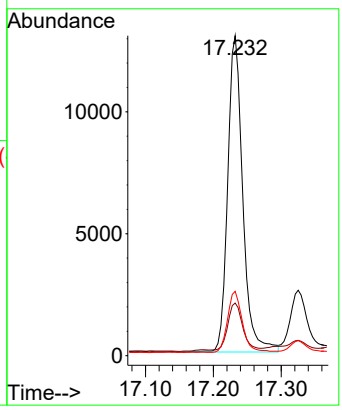


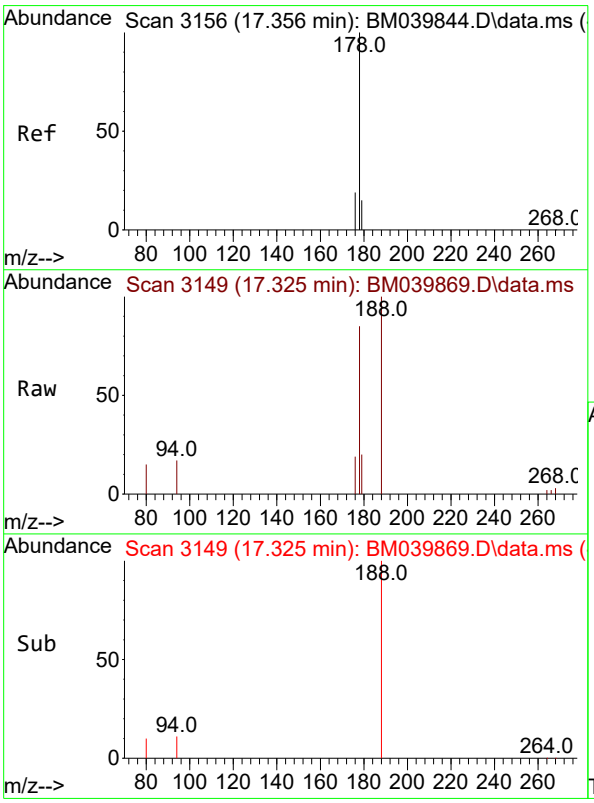
#15
Phenanthrene
Concen: 0.497 ng/ul
RT: 17.232 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:178 Resp: 20099

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	20.1	15.8	23.8

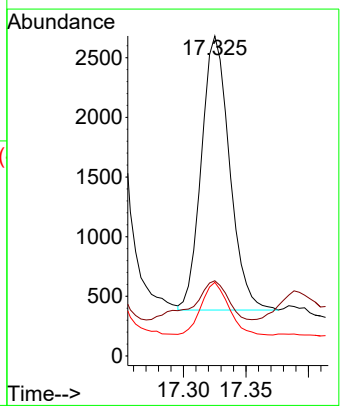


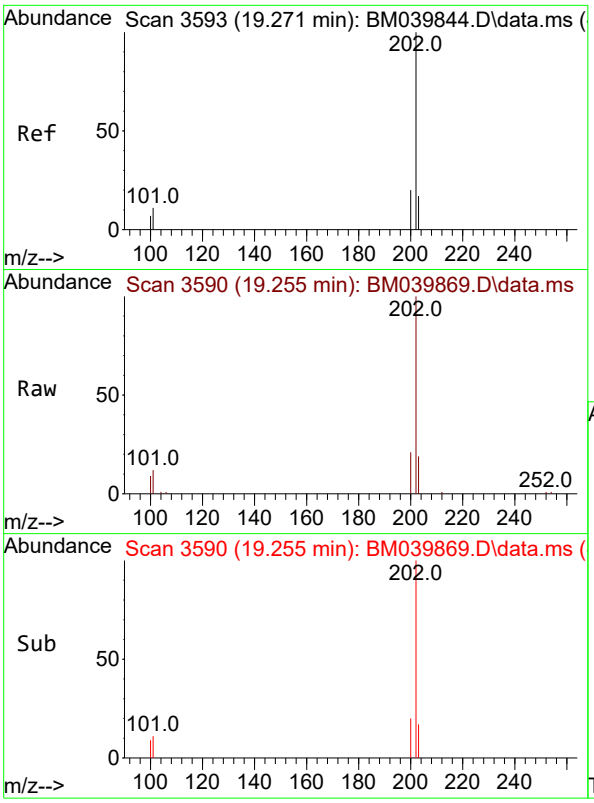


#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.325 min Scan# 3149
Delta R.T. -0.014 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:178 Resp: 3601

Ion	Ratio	Lower	Upper
178	100		
179	23.5	13.8	20.6#
176	23.0	15.8	23.8



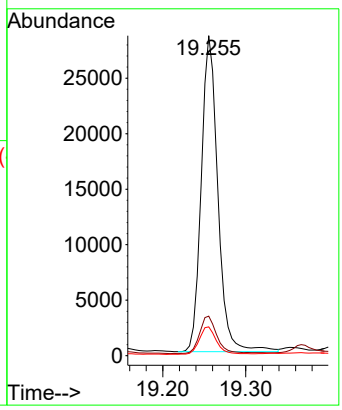


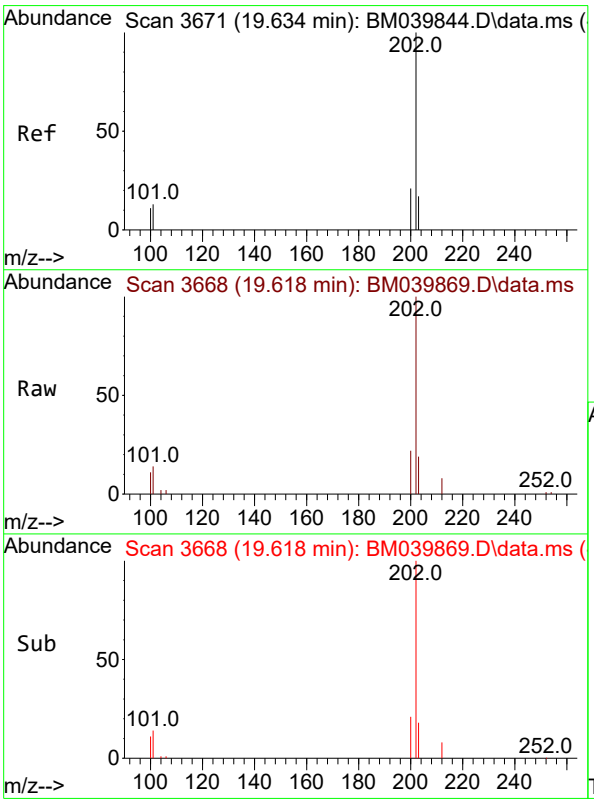
#19
Fluoranthene
Concen: 1.316 ng/ul
RT: 19.255 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:202 Resp: 39620

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	9.0	7.3	10.9

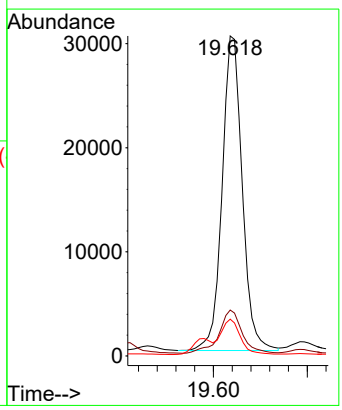


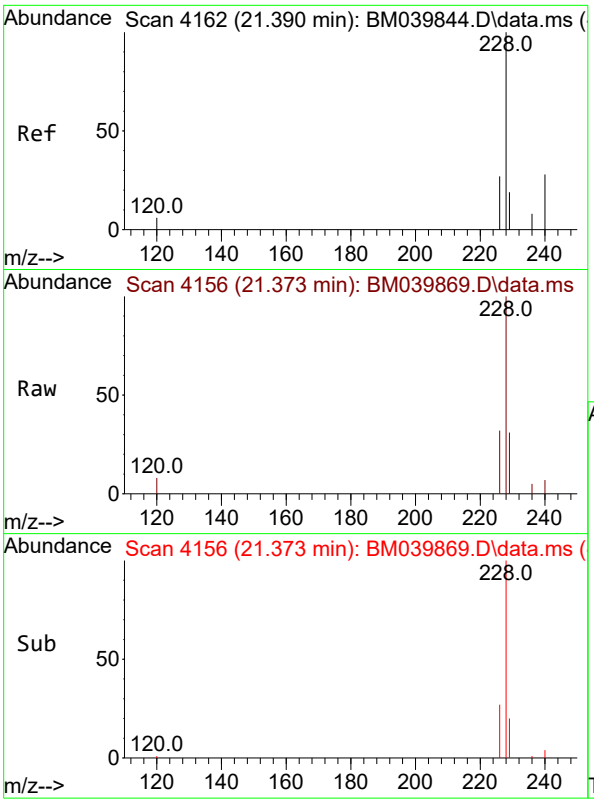


#20
Pyrene
Concen: 1.384 ng/ul
RT: 19.618 min Scan# 3668
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:202 Resp: 44984

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.9	16.3
100	11.5	8.9	13.3



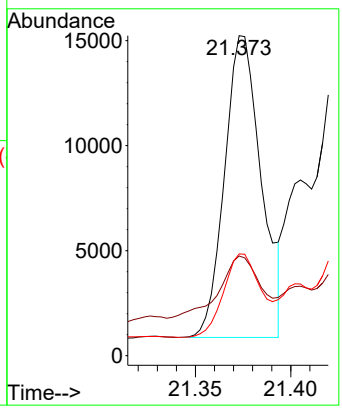


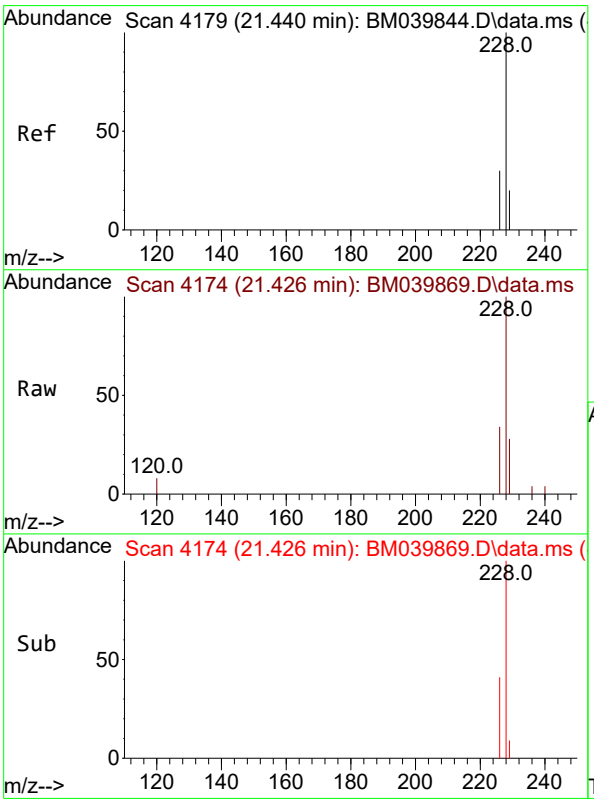
#21
Benzo(a)anthracene
Concen: 0.795 ng/ul
RT: 21.373 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:228 Resp: 19278

Ion	Ratio	Lower	Upper
228	100		
229	31.1	16.2	24.2#
226	31.8	21.6	32.4

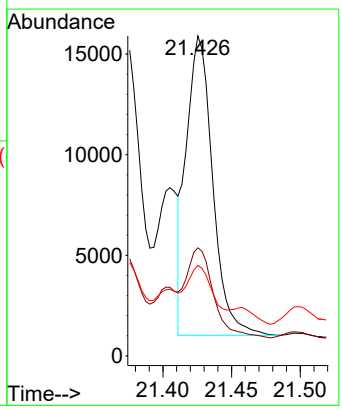


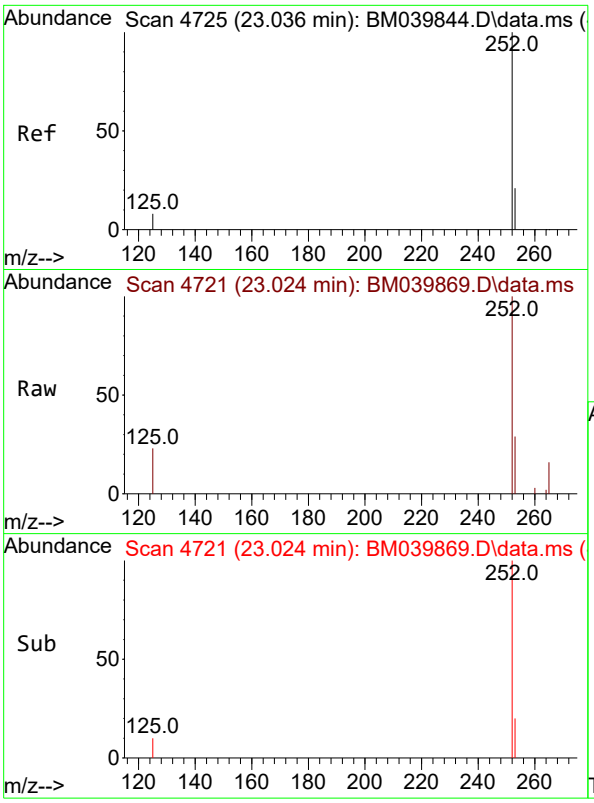


#22
Chrysene
Concen: 0.722 ng/ul
RT: 21.426 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:228 Resp: 19826

Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.3	36.5
229	28.3	15.9	23.9#



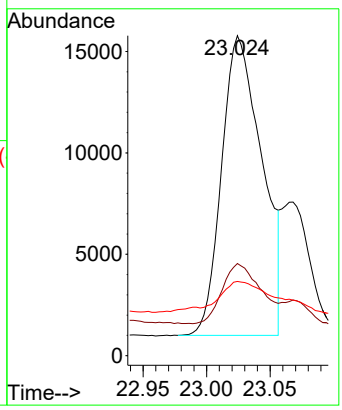


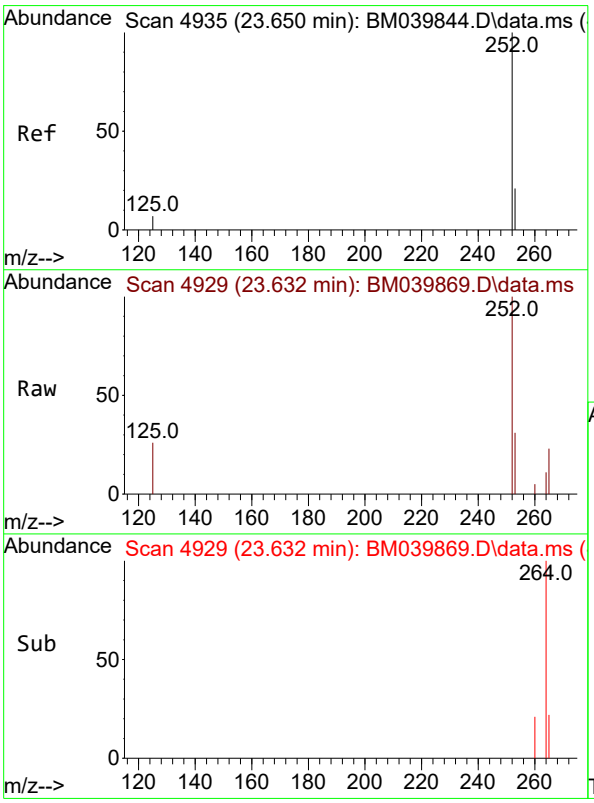
#24
Benzo(b)fluoranthene
Concen: 1.120 ng/ul
RT: 23.024 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:252 Resp: 32668

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	52.8
125	23.2	0.0	31.6

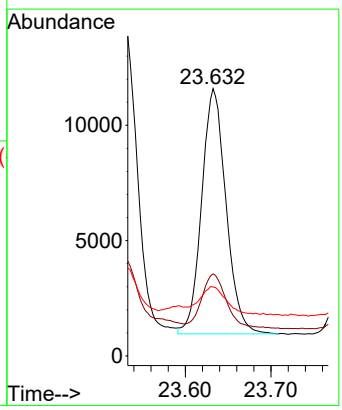


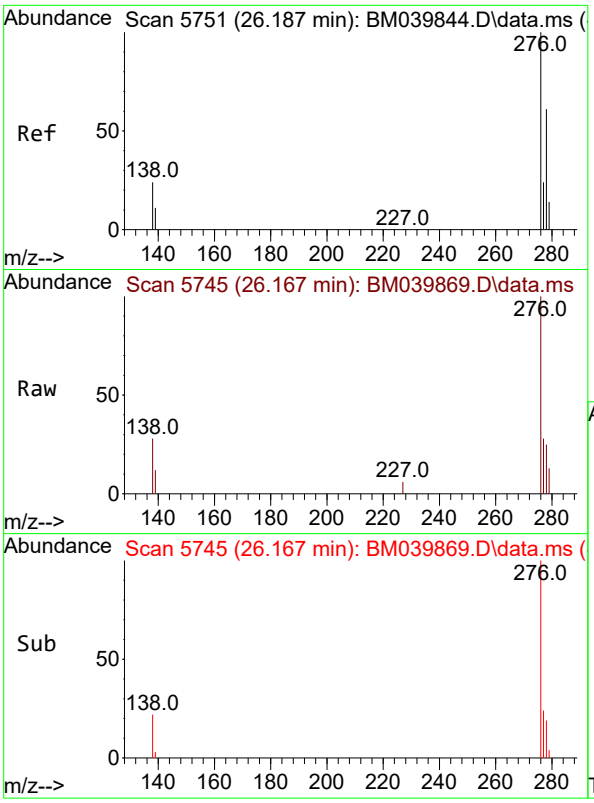


#26
Benzo(a)pyrene
Concen: 0.801 ng/ul
RT: 23.632 min Scan# 4929
Delta R.T. -0.005 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:252 Resp: 20997

Ion	Ratio	Lower	Upper
252	100		
253	30.7	24.7	37.1
125	25.8	16.5	24.7#



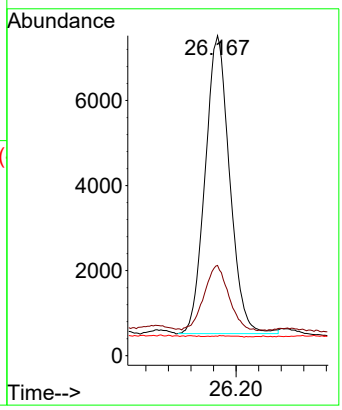


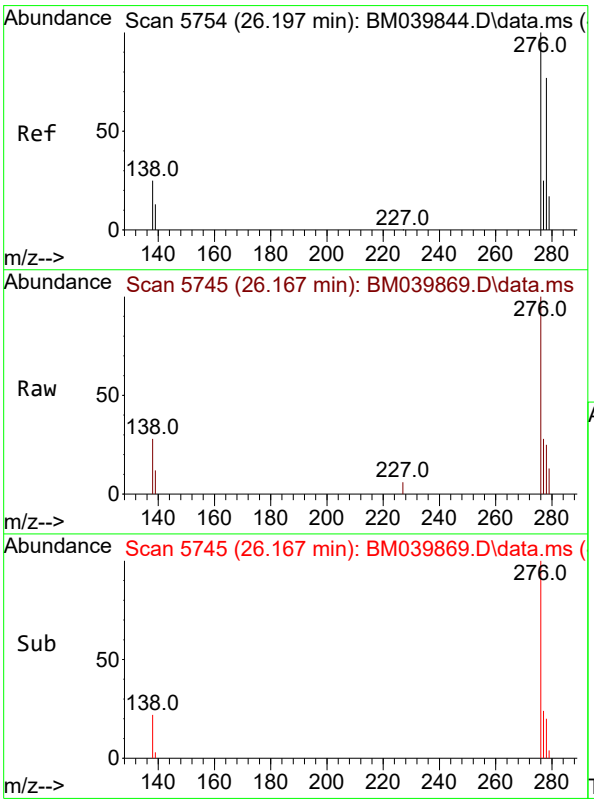
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.637 ng/ul
RT: 26.167 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:276 Resp: 21090

Ion	Ratio	Lower	Upper
276	100		
138	22.0	21.1	31.7
227	0.4	0.1	0.1#

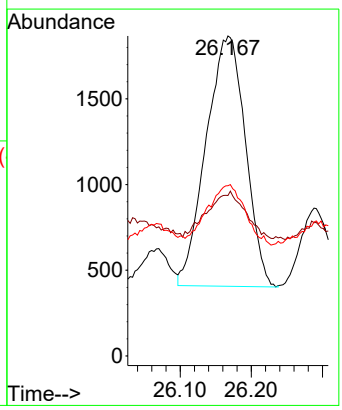


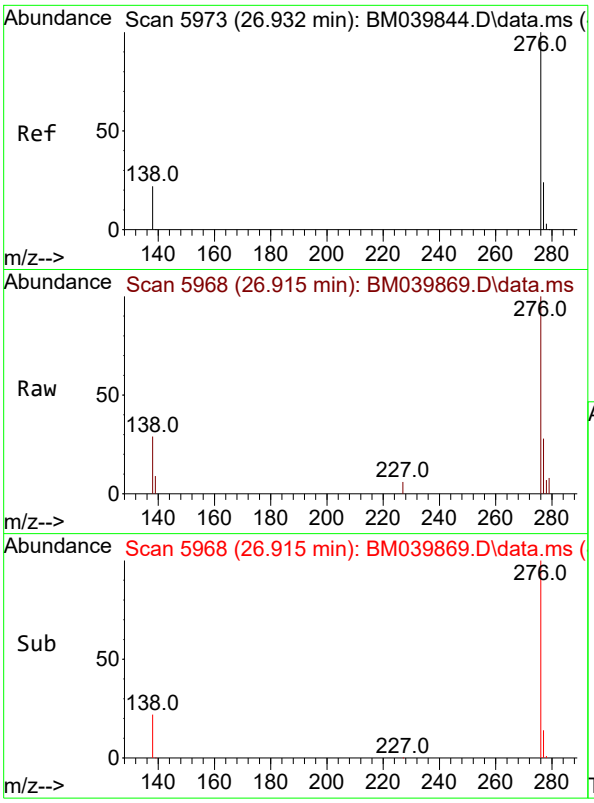


#28
Dibenzo(a,h)anthracene
Concen: 0.218 ng/ul
RT: 26.167 min Scan# 5745
Delta R.T. -0.012 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:278 Resp: 5601

Ion	Ratio	Lower	Upper
278	100		
139	50.1	17.0	25.6#
279	53.2	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.781 ng/ul
RT: 26.915 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:276 Resp: 22559

Ion	Ratio	Lower	Upper
276	100		
138	28.5	20.1	30.1
277	28.1	20.1	30.1