Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039712.D
Acq On : 27 Apr 2023 19:00
Operator : CG/JU
Sample : 02418-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW900

Quant Time: Apr 28 02:34:27 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 : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3764	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.599	136	13949	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	8120	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	18189	0.400	ng/ul	-0.01
17) Chrysene-d12	21.397	240	13518	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	11066	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	10887	1.963	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	3512	0.196	ng/ul	-0.02
18) Fluoranthene-d10	19.233	212	8674	0.238	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.649	128	19624	0.560	ng/ul	98
7) 2-Methylnaphthalene	12.271	142	7172	0.355	ng/ul	96
8) 1-Methylnaphthalene	12.491	142	6588	0.304	ng/ul	100
10) Acenaphthylene	14.172	152	3535	0.112	ng/ul#	84
11) Acenaphthene	14.510	153	17118	0.693	ng/ul	98
12) Fluorene	15.504	166	27705	1.012	ng/ul	98
15) Phenanthrene	17.241	178	360892	7.531	ng/ul	98
16) Anthracene	17.334	178	70522	1.714	ng/ul	98
19) Fluoranthene	19.265	202	503429	10.439	ng/ul	97
20) Pyrene	19.628	202	371754	7.138	ng/ul	99
21) Benzo(a)anthracene	21.379	228	185113	4.763	ng/ul	99
22) Chrysene	21.432	228	173966	3.955	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	185998	4.786	ng/ul	93
26) Benzo(a)pyrene	23.639	252	110048	3.154	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.168	276	72953	1.654	ng/ul	91
28) Dibenzo(a,h)anthracene	26.178	278	16947	0.495	ng/ul	98
29) Benzo(g,h,i)perylene	26.912	276	56907	1.480	ng/ul	98

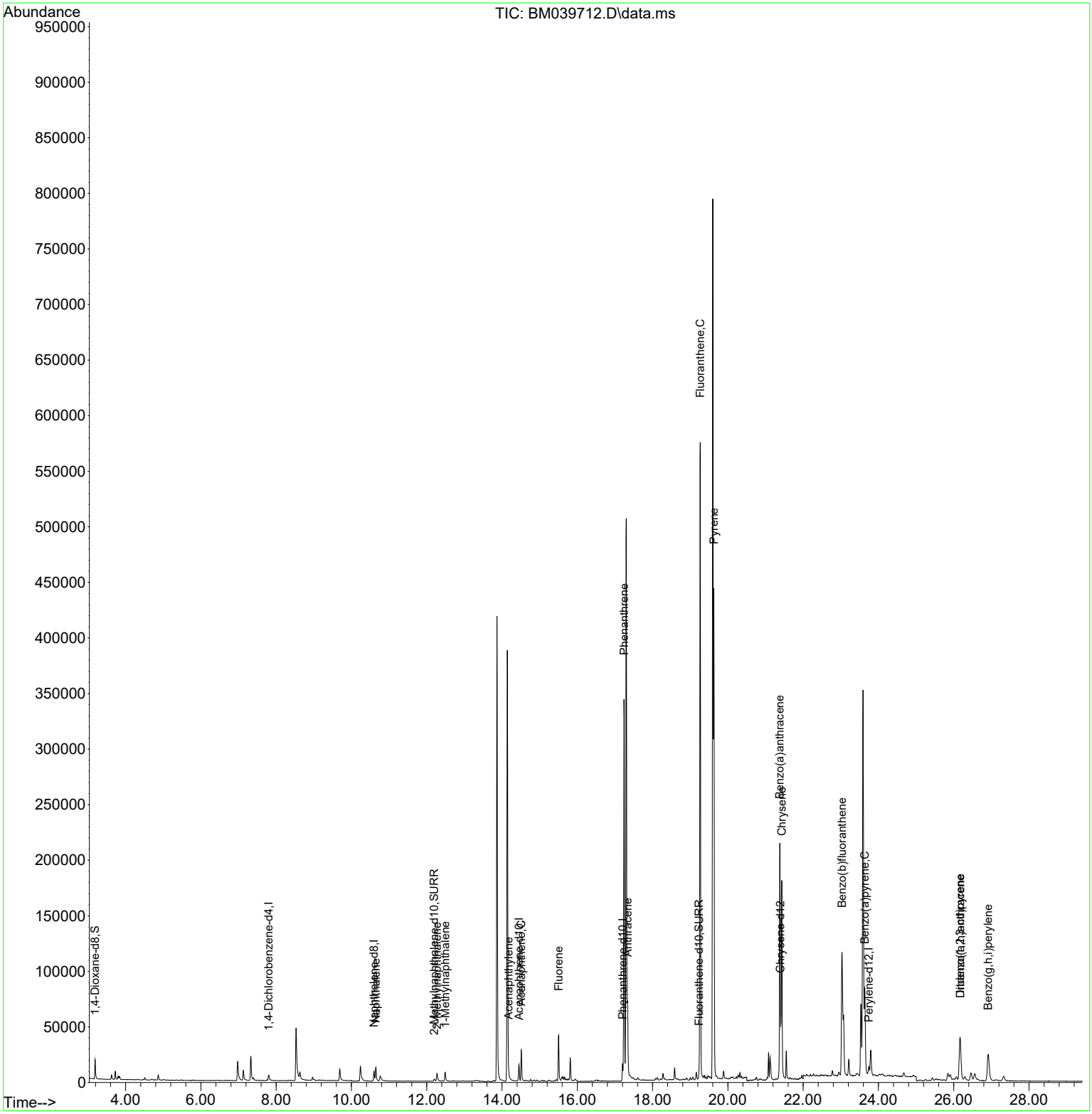
(#) = qualifier out of range (m) = manual integration (+) = signals summed

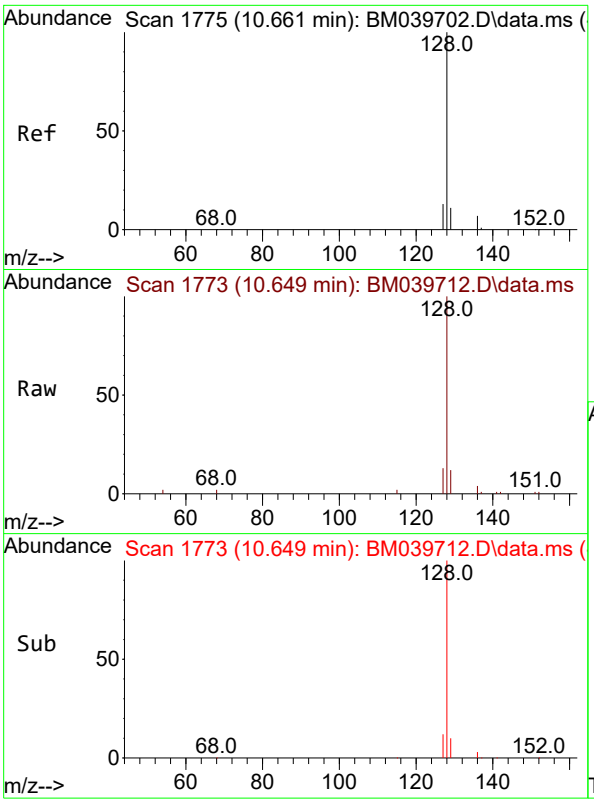
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039712.D
Acq On : 27 Apr 2023 19:00
Operator : CG/JU
Sample : 02418-26
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW900

Quant Time: Apr 28 02:34:27 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 : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration



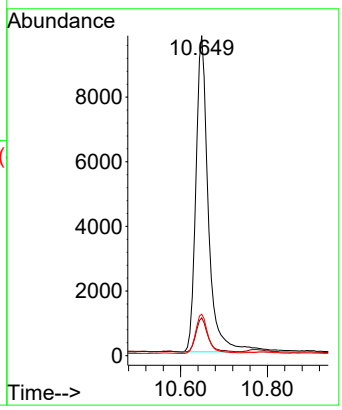


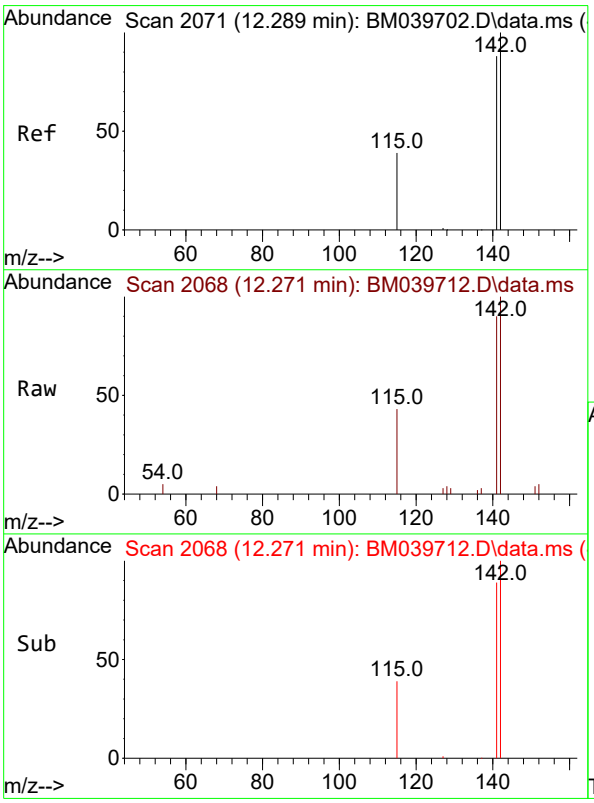
#5
Naphthalene
Concen: 0.560 ng/ul
RT: 10.649 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Instrument :
BNA_M
ClientSampleId :
EW900

Tgt Ion:128 Resp: 19624

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.0	11.1	16.7

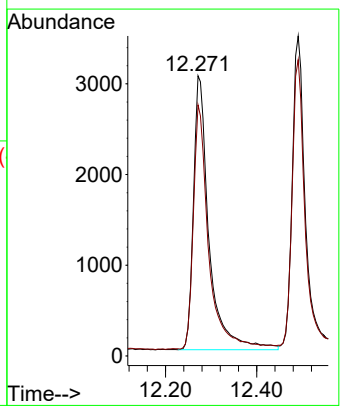


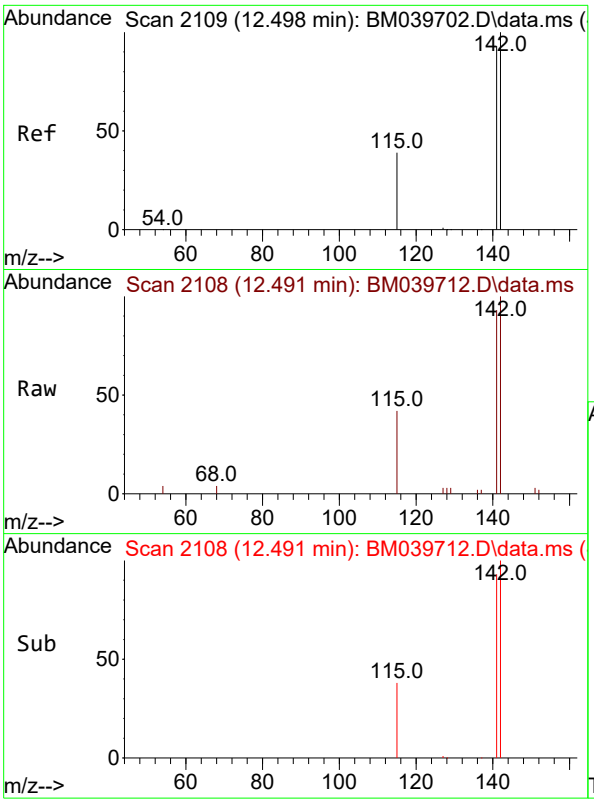


#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.271 min Scan# 2068
Delta R.T. -0.018 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:142 Resp: 7172

Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.2	109.8



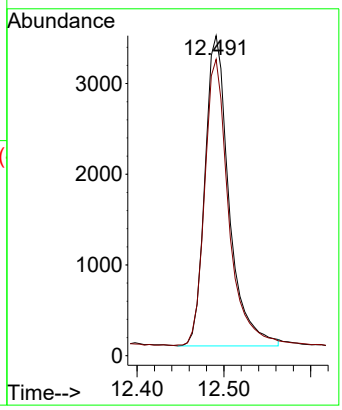


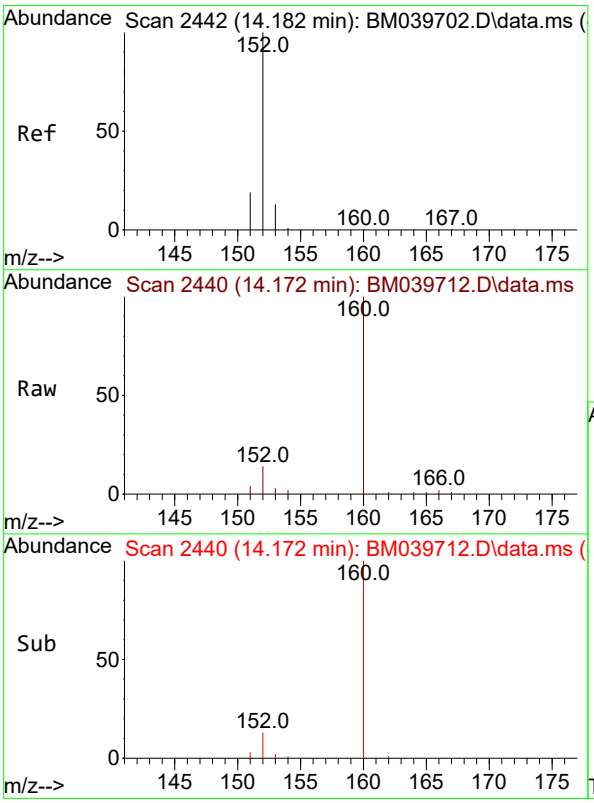
#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.491 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Instrument :
BNA_M
ClientSampleId :
EW900

Tgt Ion:142 Resp: 6588

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.2

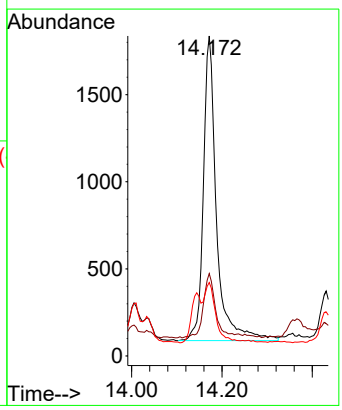


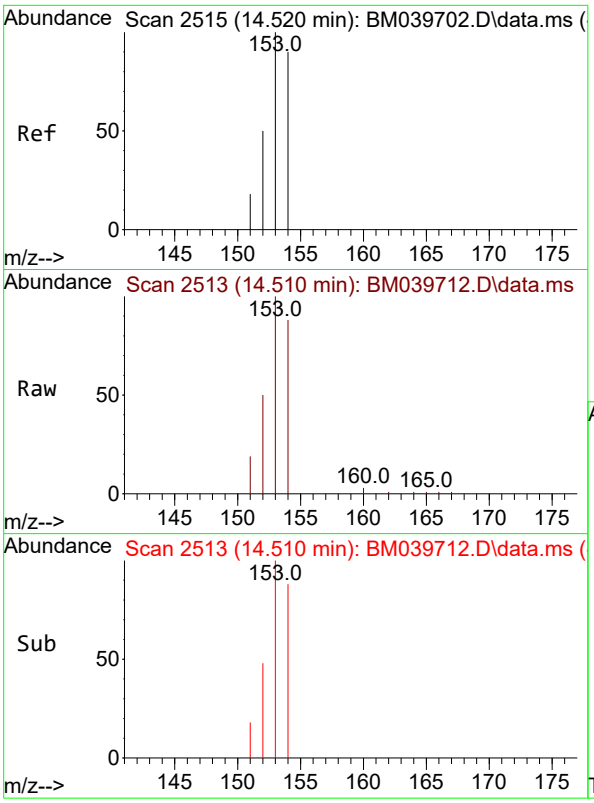


#10
Acenaphthylene
Concen: 0.112 ng/ul
RT: 14.172 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:152 Resp: 3535

Ion	Ratio	Lower	Upper
152	100		
151	25.7	16.0	24.0#
153	23.0	11.2	16.8#



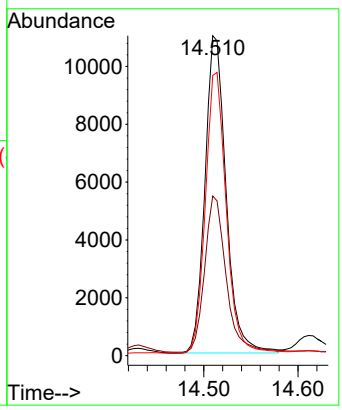


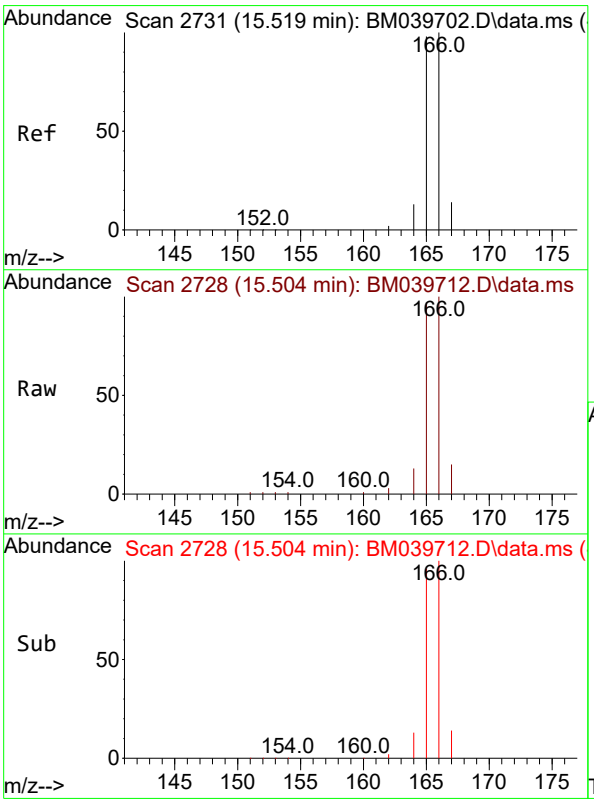
#11
Acenaphthene
Concen: 0.693 ng/ul
RT: 14.510 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Instrument :
BNA_M
ClientSampleId :
EW900

Tgt Ion:153 Resp: 17118

Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.6	61.0
154	87.6	71.9	107.9

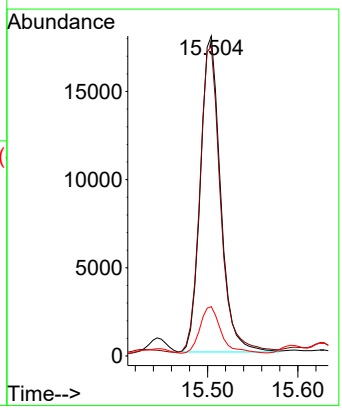


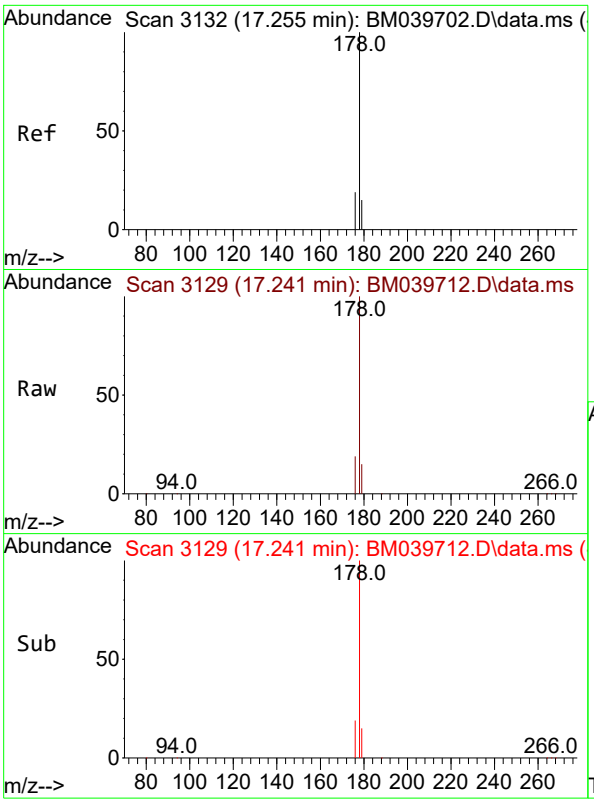


#12
Fluorene
Concen: 1.012 ng/ul
RT: 15.504 min Scan# 2728
Delta R.T. -0.015 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:166 Resp: 27705

Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.0	118.6
167	15.4	11.8	17.6



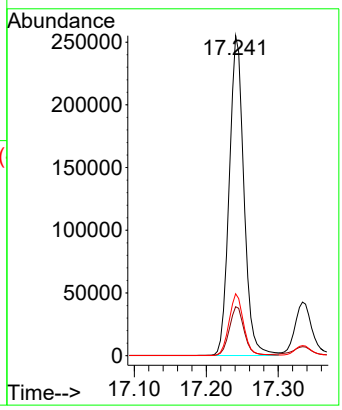


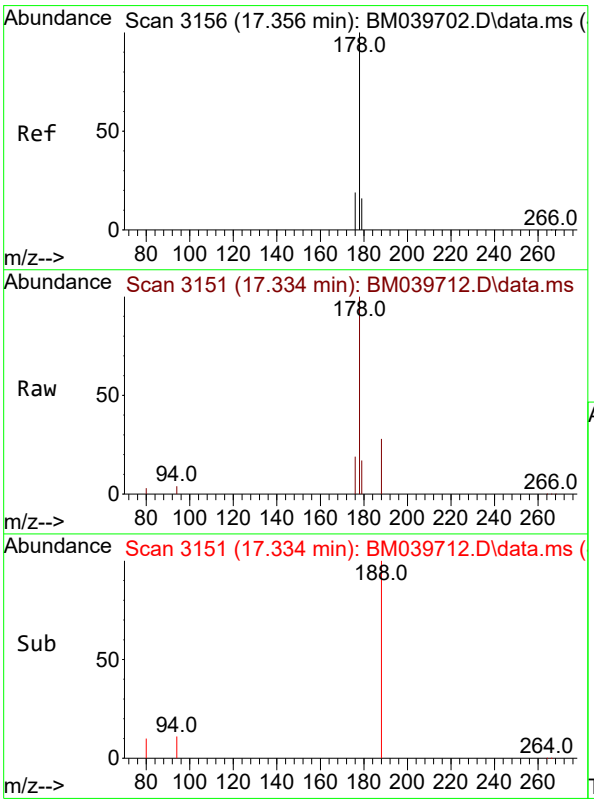
#15
Phenanthrene
Concen: 7.531 ng/ul
RT: 17.241 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Instrument :
BNA_M
ClientSampleId :
EW900

Tgt Ion:178 Resp: 360892

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.6
176	19.4	15.8	23.8

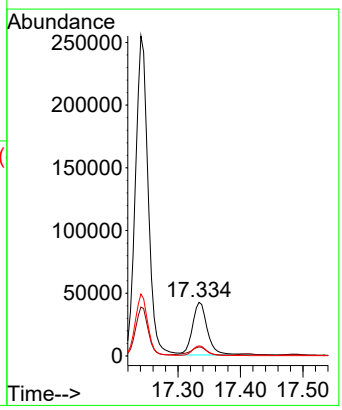


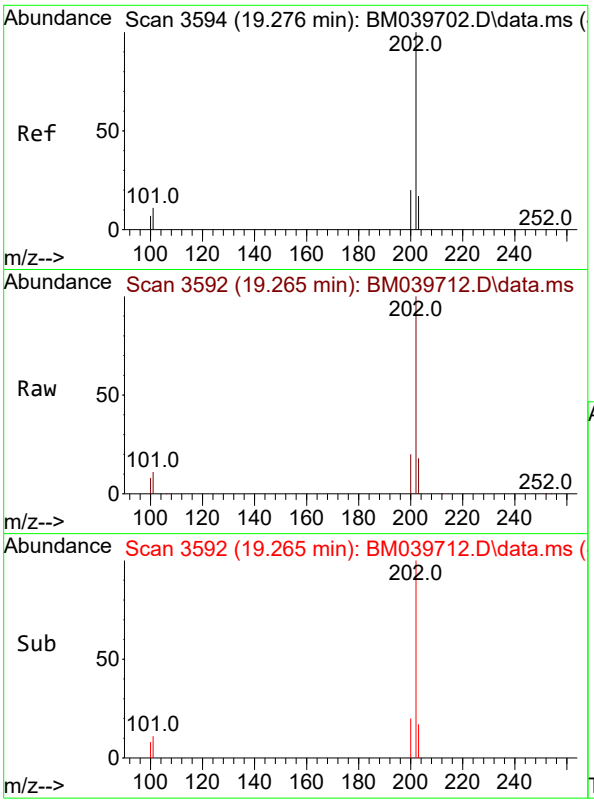


#16
Anthracene
Concen: 1.714 ng/ul
RT: 17.334 min Scan# 3151
Delta R.T. -0.022 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:178 Resp: 70522

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.8	20.6
176	18.7	15.8	23.8



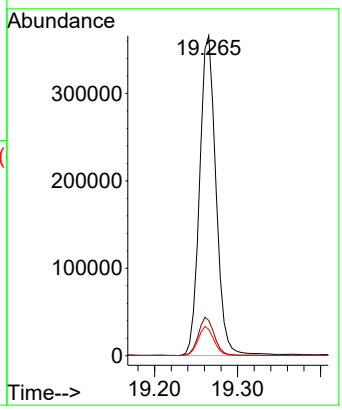


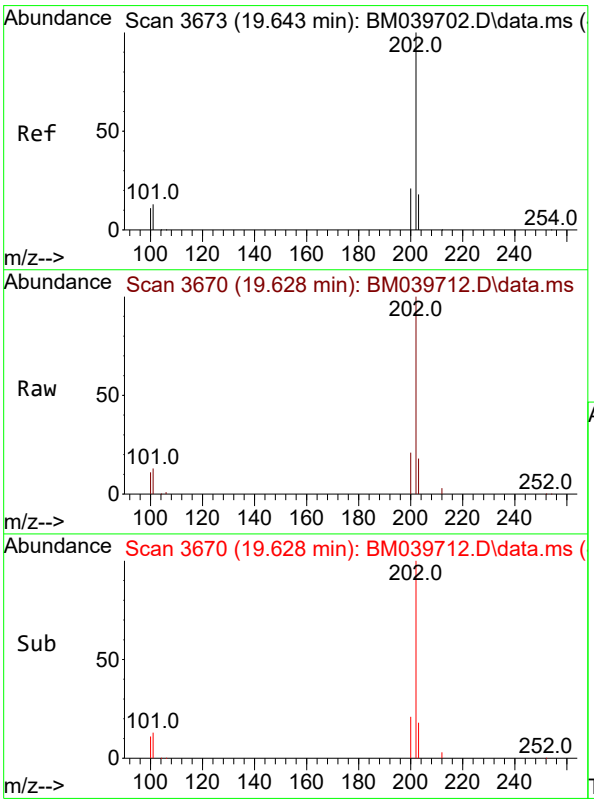
#19
Fluoranthene
Concen: 10.439 ng/ul
RT: 19.265 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Instrument :
BNA_M
ClientSampleId :
EW900

Tgt Ion:202 Resp: 503429

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

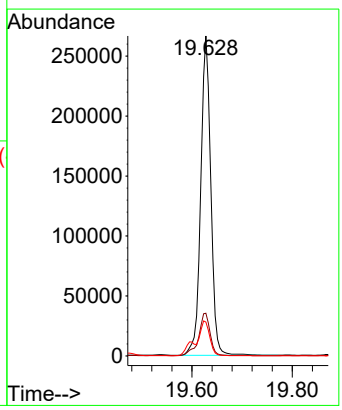


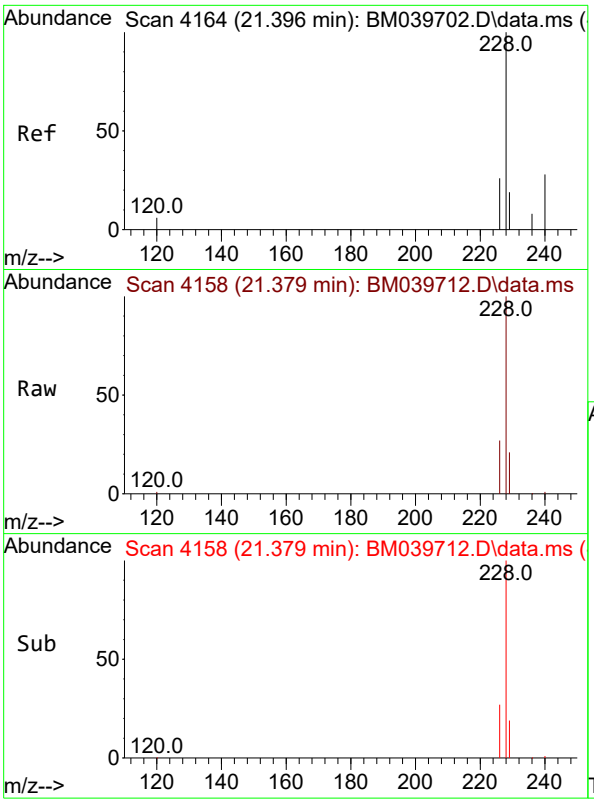


#20
Pyrene
Concen: 7.138 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. -0.015 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:202 Resp: 371754

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.9	16.3
100	10.6	8.9	13.3



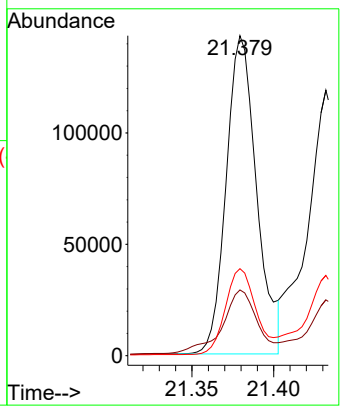


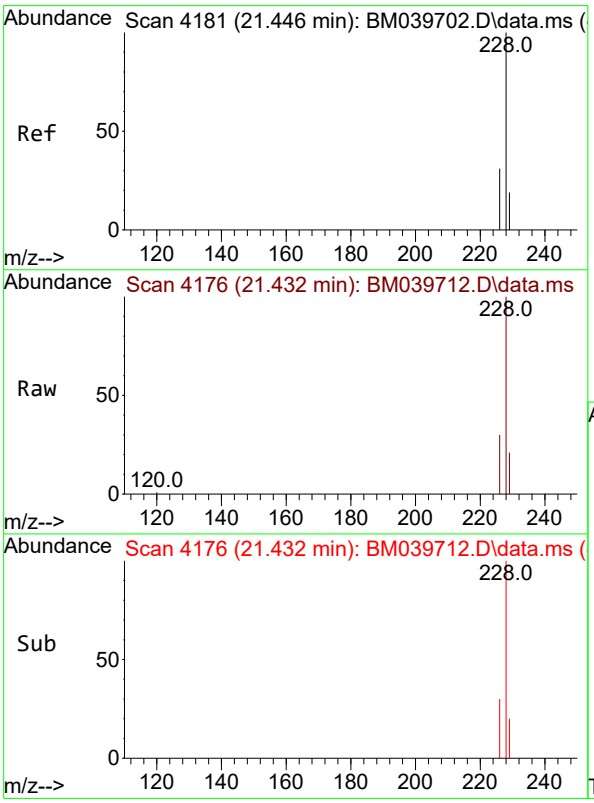
#21
Benzo(a)anthracene
Concen: 4.763 ng/ul
RT: 21.379 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Instrument :
BNA_M
ClientSampleId :
EW900

Tgt Ion:228 Resp: 185113

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.2
226	27.2	21.6	32.4

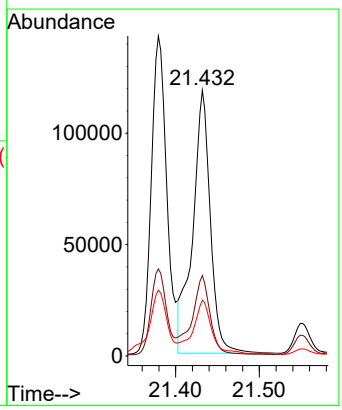


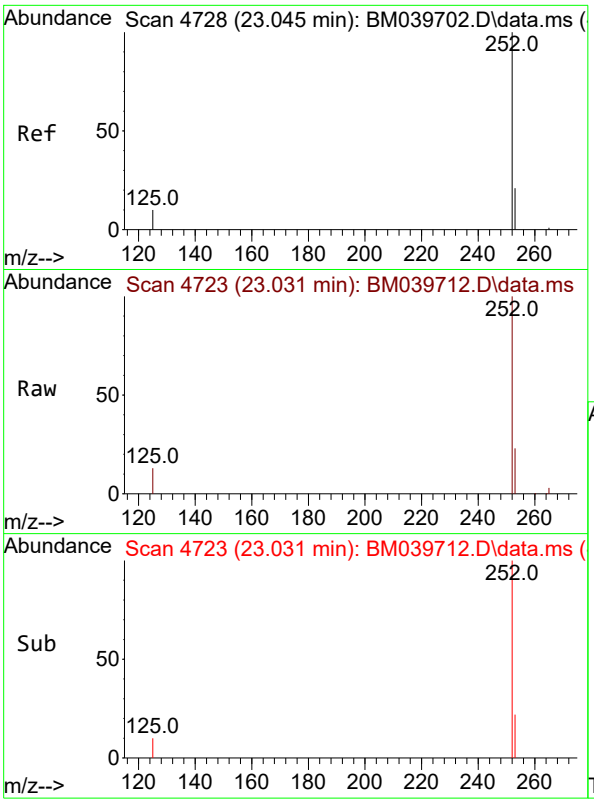


#22
Chrysene
Concen: 3.955 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.014 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:228 Resp: 173966

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	21.0	15.9	23.9



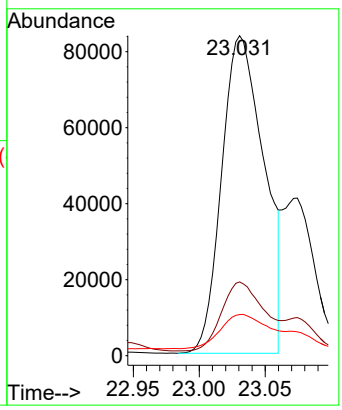


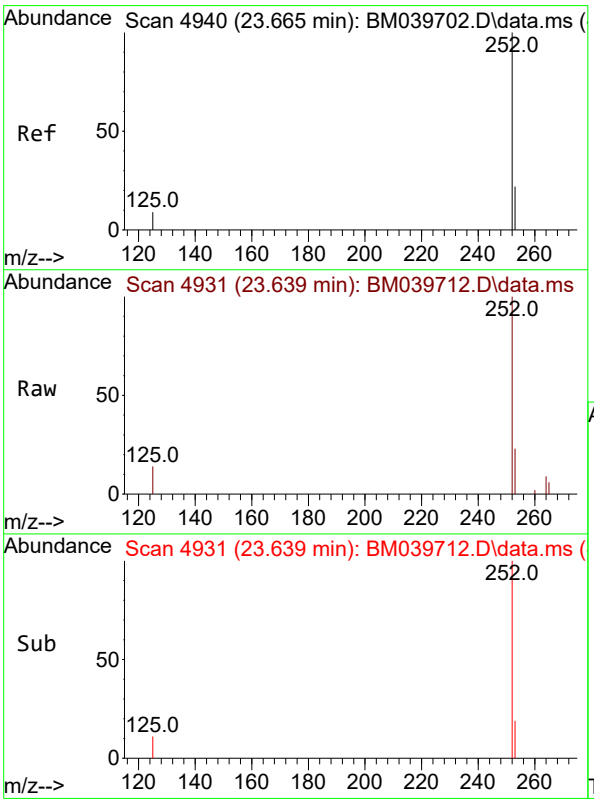
#24
Benzo(b)fluoranthene
Concen: 4.786 ng/ul
RT: 23.031 min Scan# 4
Delta R.T. -0.014 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Instrument :
BNA_M
ClientSampleId :
EW900

Tgt Ion:252 Resp: 185998

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	52.8
125	12.9	0.0	31.6

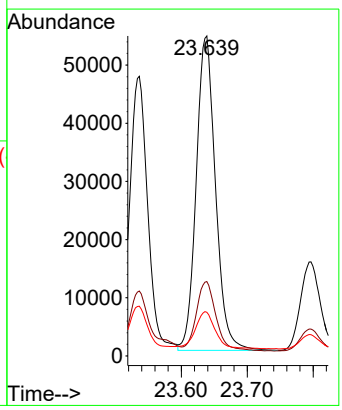


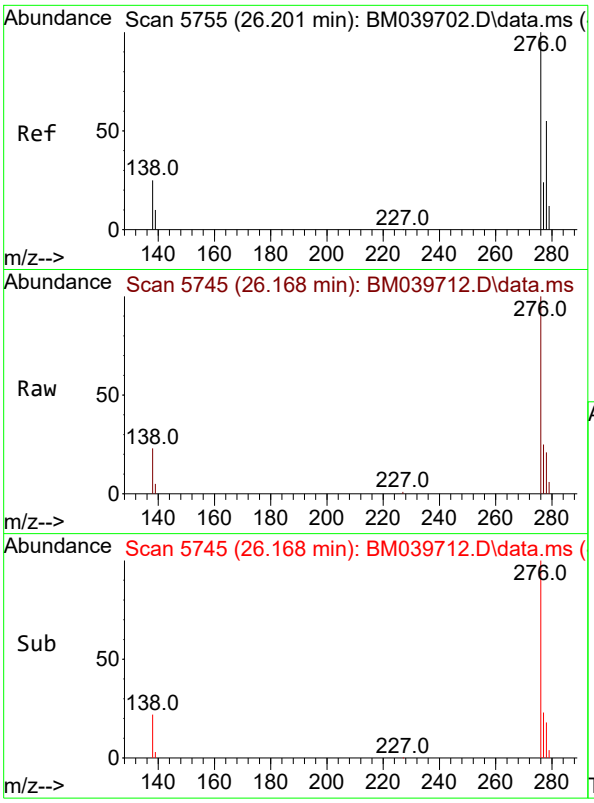


#26
Benzo(a)pyrene
Concen: 3.154 ng/ul
RT: 23.639 min Scan# 4931
Delta R.T. -0.026 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:252 Resp: 110048

Ion	Ratio	Lower	Upper
252	100		
253	23.3	24.7	37.1#
125	13.6	16.5	24.7#



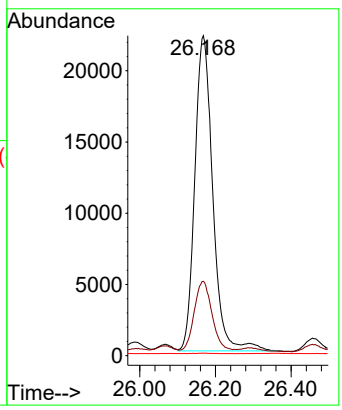


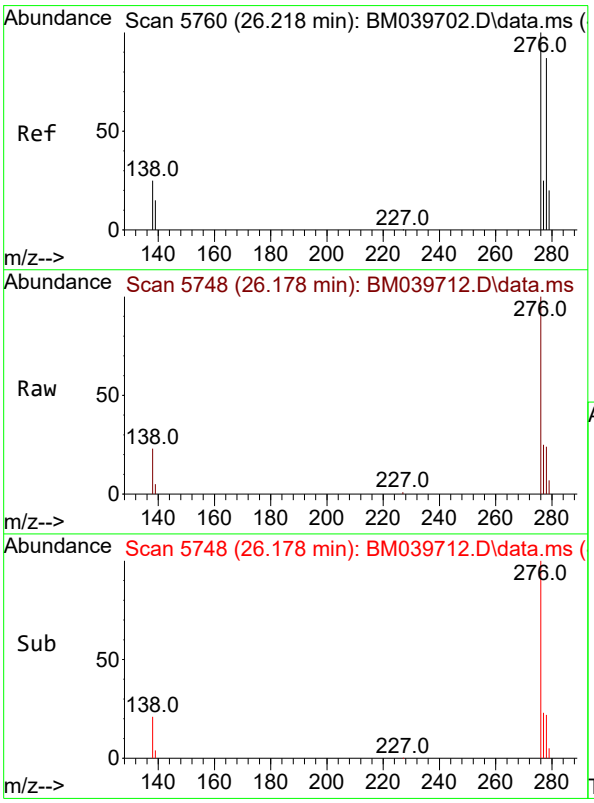
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.654 ng/ul
RT: 26.168 min Scan# 5
Delta R.T. -0.033 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Instrument :
BNA_M
ClientSampleId :
EW900

Tgt Ion:276 Resp: 72953

Ion	Ratio	Lower	Upper
276	100		
138	21.7	21.1	31.7
227	0.1	0.1	0.1

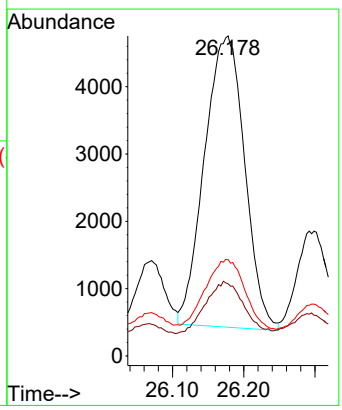


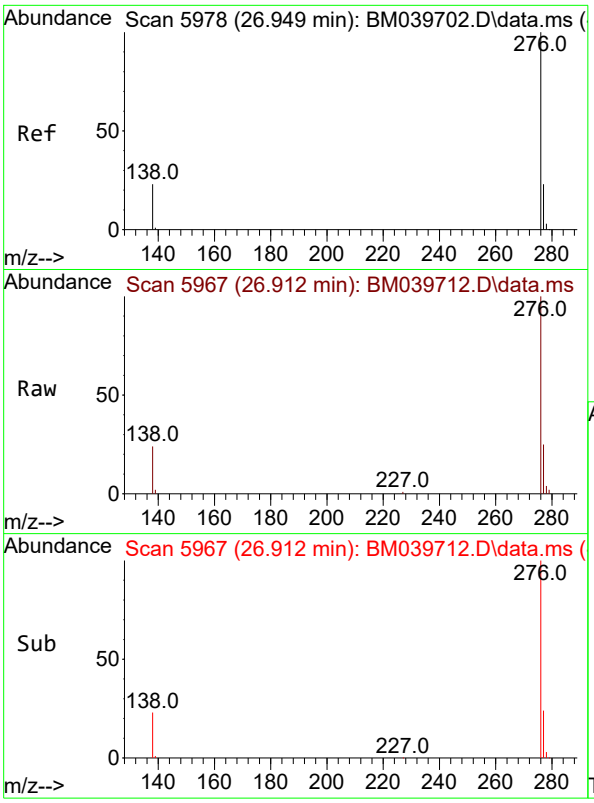


#28
Dibenzo(a,h)anthracene
Concen: 0.495 ng/ul
RT: 26.178 min Scan# 5748
Delta R.T. -0.040 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Tgt Ion:278 Resp: 16947

Ion	Ratio	Lower	Upper
278	100		
139	22.5	17.0	25.6
279	30.1	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 1.480 ng/ul
RT: 26.912 min Scan# 5
Delta R.T. -0.036 min
Lab File: BM039712.D
Acq: 27 Apr 2023 19:00

Instrument :
BNA_M
ClientSampleId :
EW900

Tgt Ion:276 Resp: 56907

Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.1	30.1
277	24.6	20.1	30.1