Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039733.D
Acq On : 28 Apr 2023 13:14
Operator : CG/JU
Sample : 02418-22DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW8Z6DL

Quant Time: Apr 29 02:03:52 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	7.804	152	3235	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.600	136	12614	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7726	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	17306	0.400	ng/ul	-0.02
17) Chrysene-d12	21.395	240	15583	0.400	ng/ul	-0.01
23) Perylene-d12	23.742	264	13494	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	2155	0.452	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	625	0.039	ng/ul	-0.01
18) Fluoranthene-d10	19.234	212	1677	0.040	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.655	128	11856	0.374	ng/ul	99
7) 2-Methylnaphthalene	12.283	142	2747	0.150	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	2321	0.118	ng/ul	98
10) Acenaphthylene	14.173	152	4314	0.144	ng/ul#	92
11) Acenaphthene	14.511	153	9793	0.417	ng/ul	99
12) Fluorene	15.505	166	12526	0.481	ng/ul	98
15) Phenanthrene	17.242	178	225739	4.951	ng/ul	98
16) Anthracene	17.335	178	44452	1.135	ng/ul	99
19) Fluoranthene	19.262	202	413760	7.443	ng/ul	100
20) Pyrene	19.629	202	336387	5.603	ng/ul	98
21) Benzo(a)anthracene	21.381	228	179837	4.014	ng/ul	99
22) Chrysene	21.433	228	170624	3.365	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	225301	4.754	ng/ul	93
26) Benzo(a)pyrene	23.637	252	132366	3.111	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.162	276	93150	1.731	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.172	278	21872	0.524	ng/ul	97
29) Benzo(g,h,i)perylene	26.913	276	74676	1.593	ng/ul	98

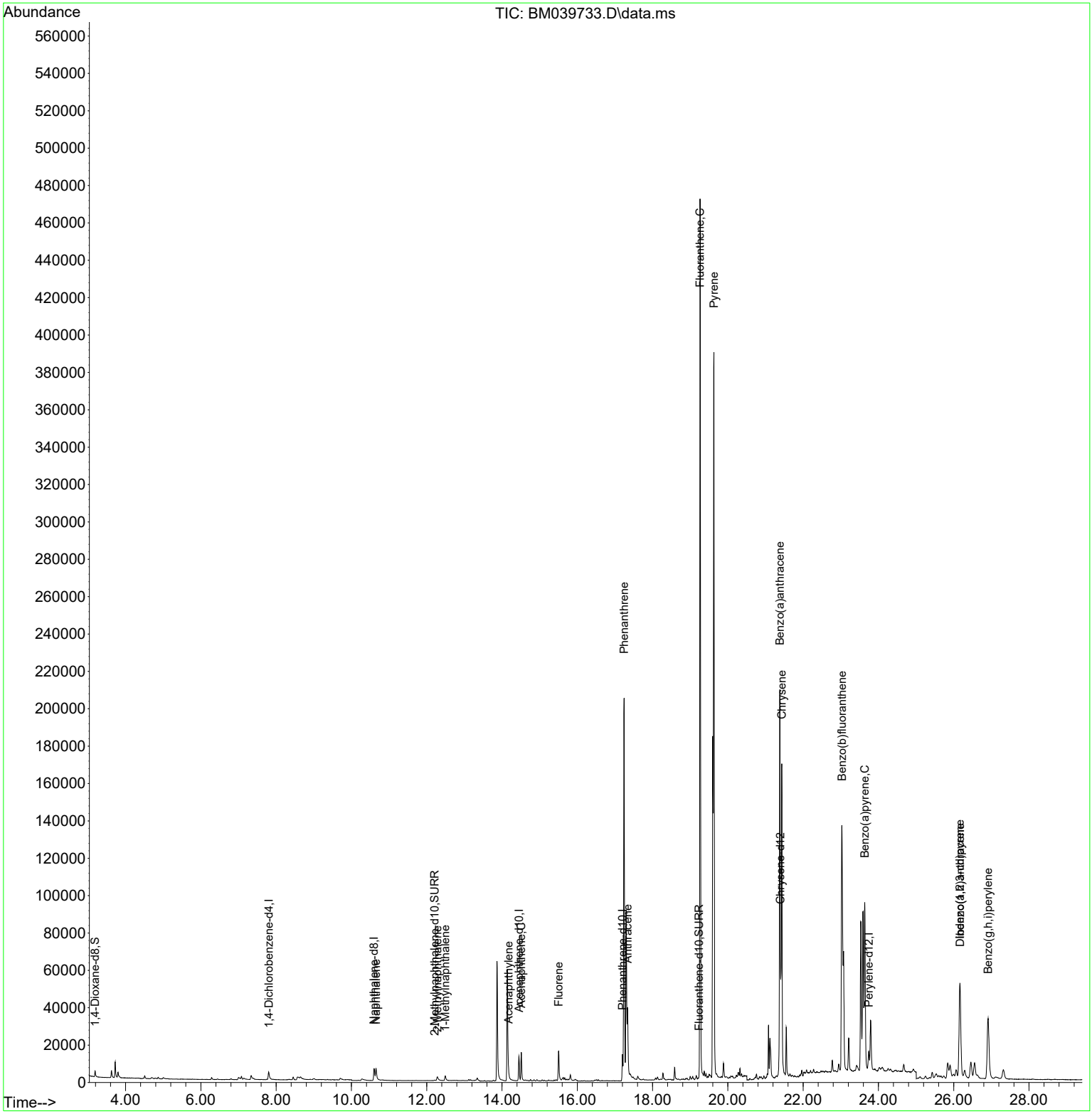
(#) = qualifier out of range (m) = manual integration (+) = signals summed

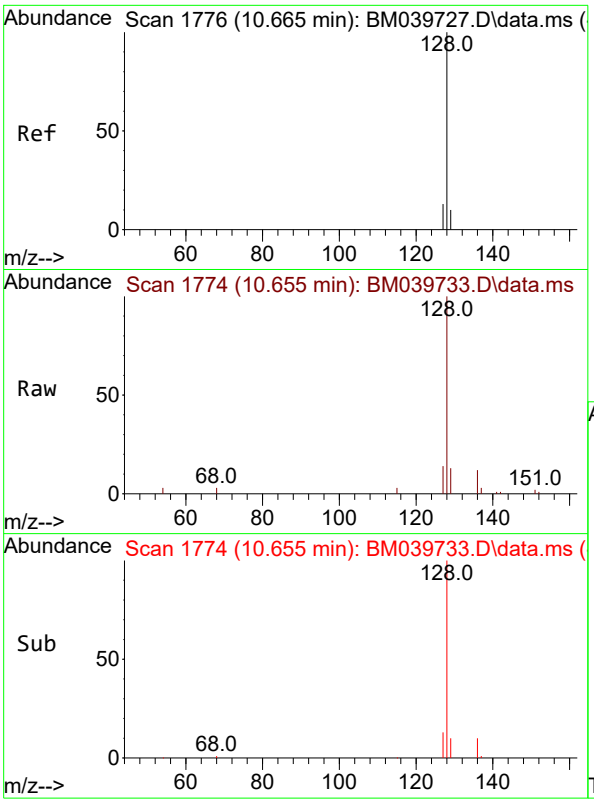
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039733.D
Acq On : 28 Apr 2023 13:14
Operator : CG/JU
Sample : 02418-22DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Quant Time: Apr 29 02:03:52 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



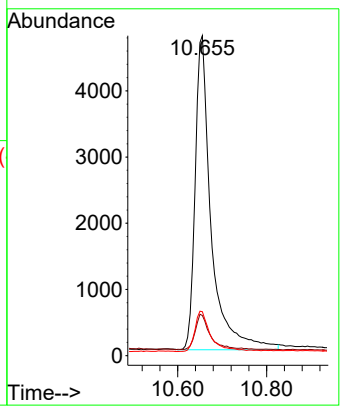


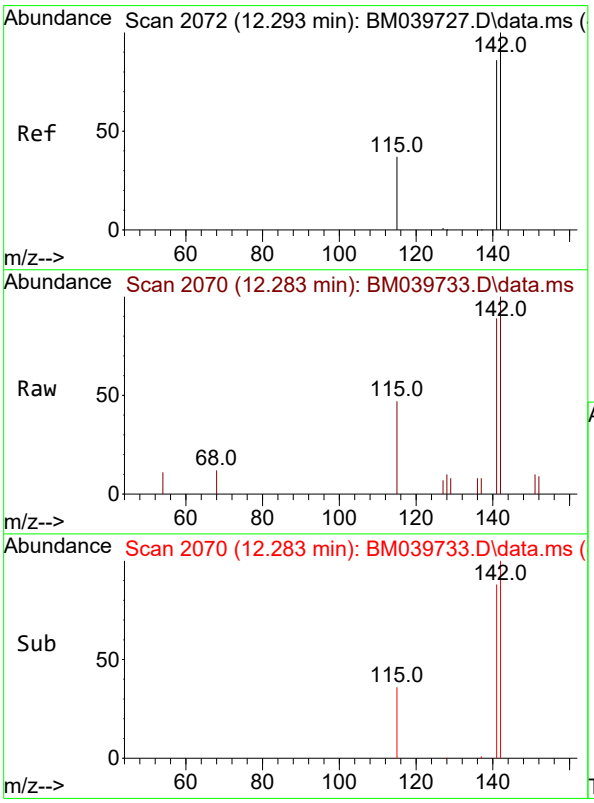
#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.655 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Tgt Ion:128 Resp: 11856

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.8	14.6
127	13.7	11.1	16.7

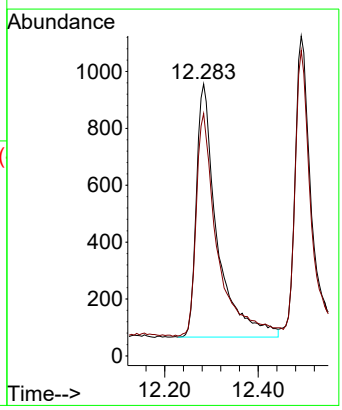


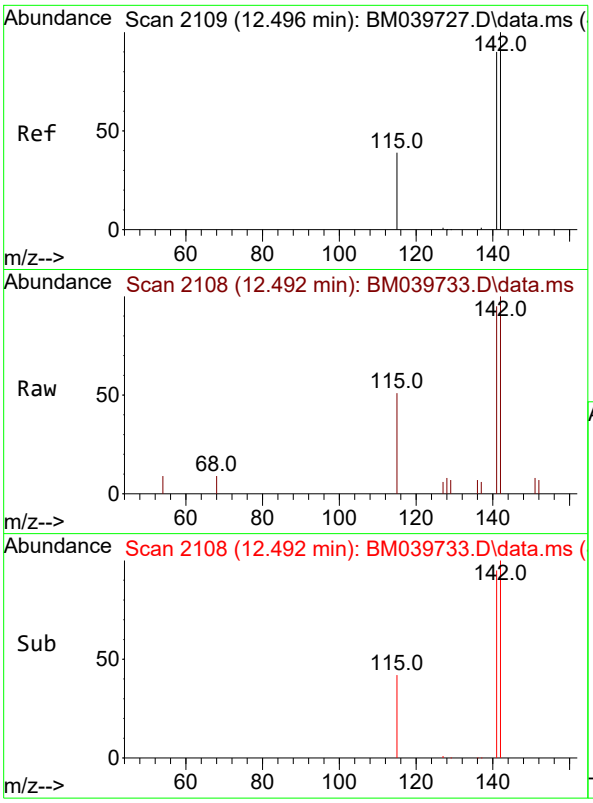


#7
2-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Tgt Ion:142 Resp: 2747

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.2	109.8



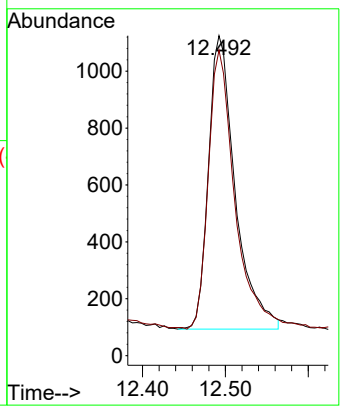


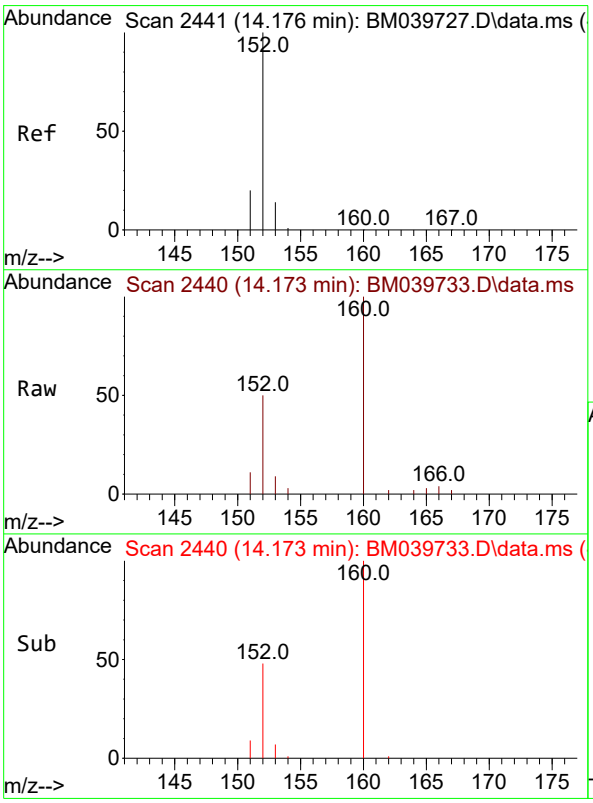
#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Tgt Ion:142 Resp: 2321

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.4	110.2

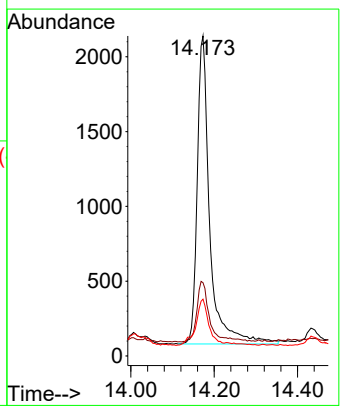


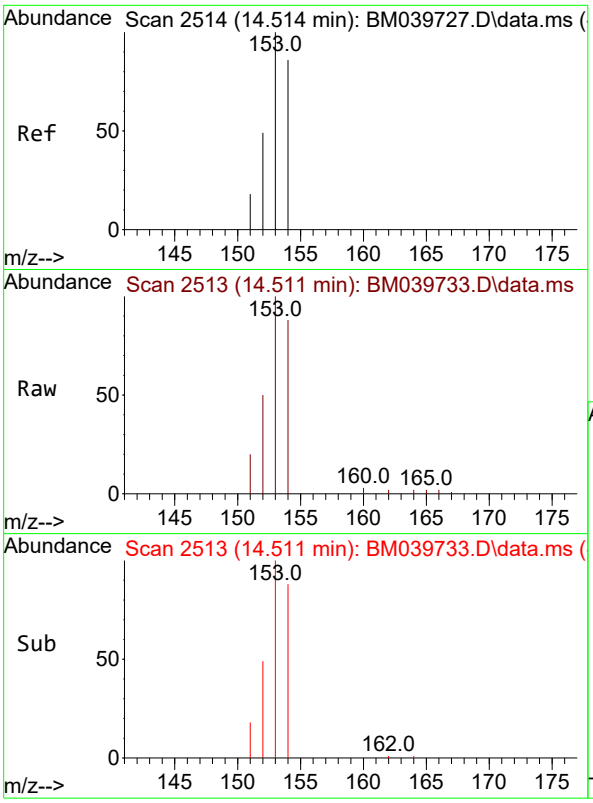


#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Tgt Ion:152 Resp: 4314

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.0	24.0
153	17.8	11.2	16.8#



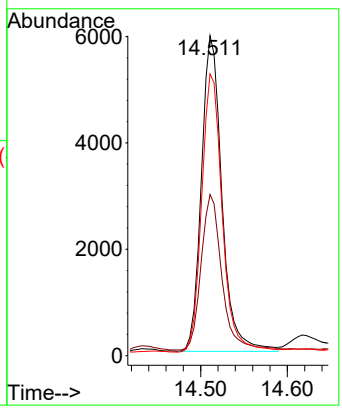


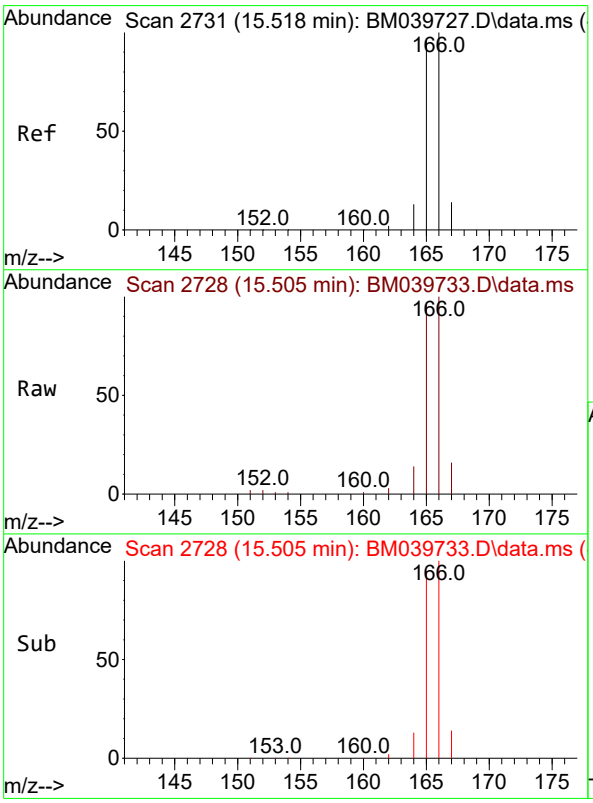
#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.511 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Tgt Ion:153 Resp: 9793

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.6	61.0
154	88.1	71.9	107.9

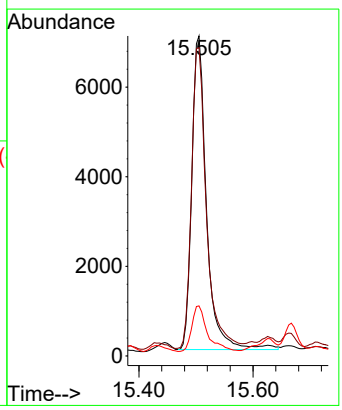


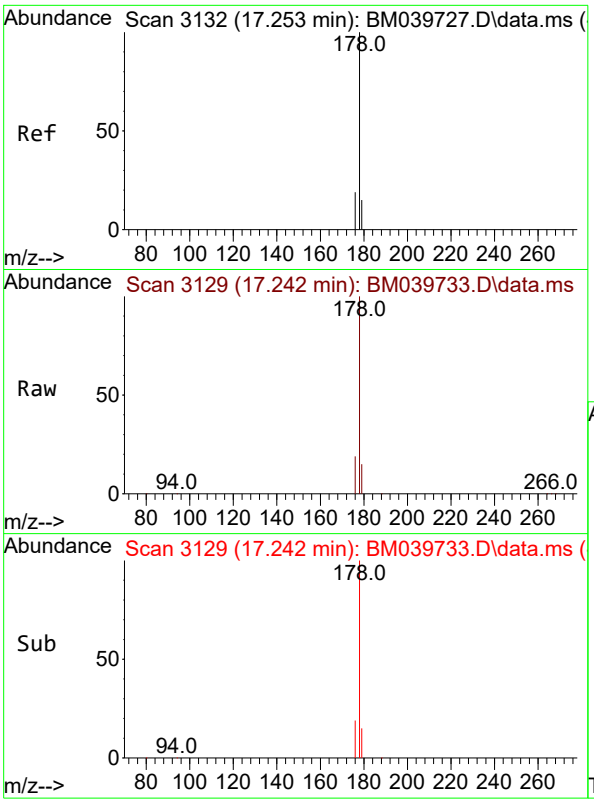


#12
Fluorene
Concen: 0.481 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Tgt Ion:166 Resp: 12526

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.0	118.6
167	15.7	11.8	17.6



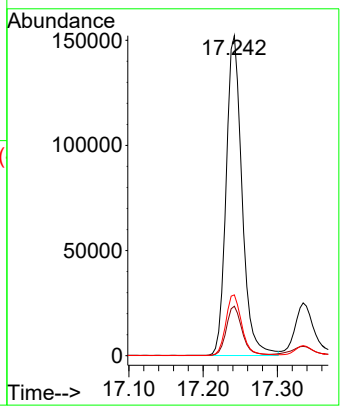


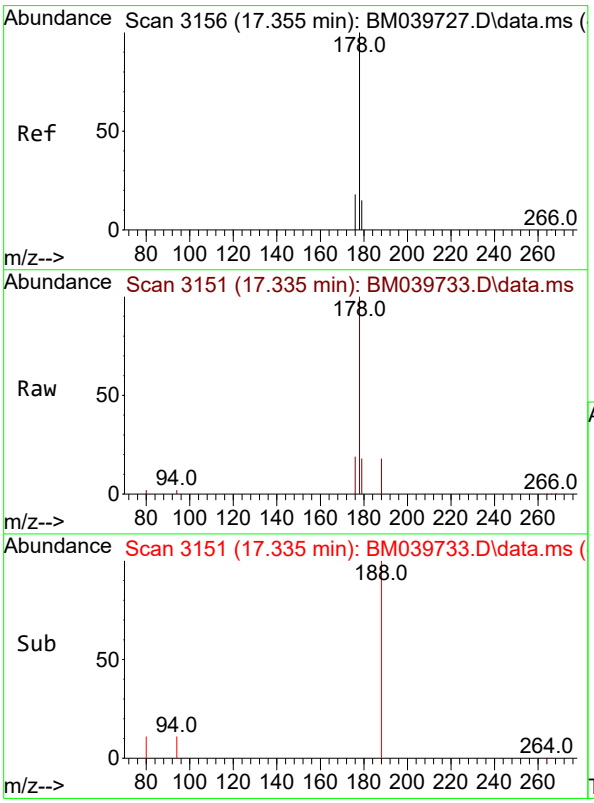
#15
Phenanthrene
Concen: 4.951 ng/ul
RT: 17.242 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Tgt Ion:178 Resp: 225739

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	19.0	15.8	23.8

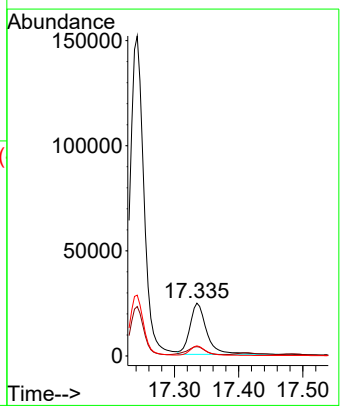


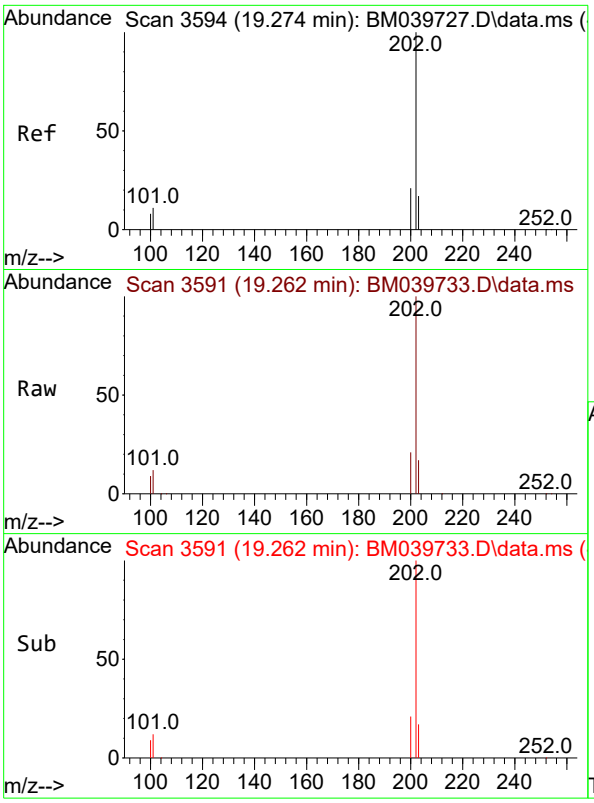


#16
Anthracene
Concen: 1.135 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Tgt Ion:178 Resp: 44452

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.8	20.6
176	19.1	15.8	23.8



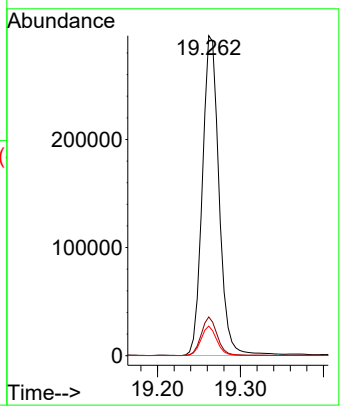


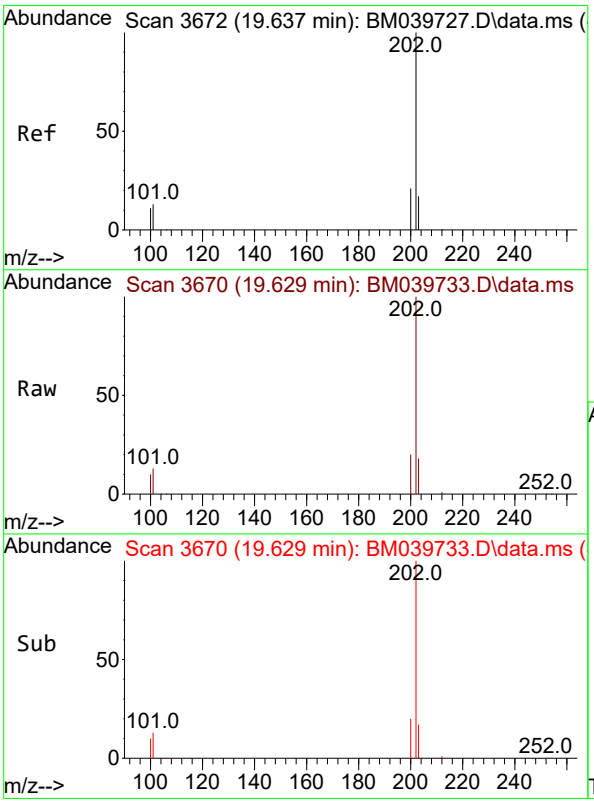
#19
Fluoranthene
Concen: 7.443 ng/ul
RT: 19.262 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Tgt Ion:202 Resp: 413760

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.2	7.3	10.9

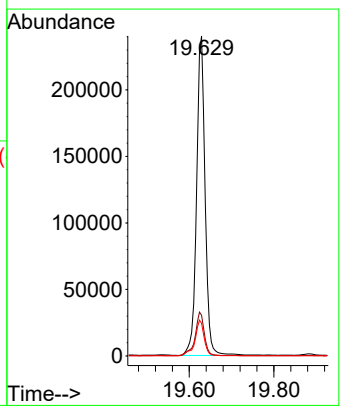


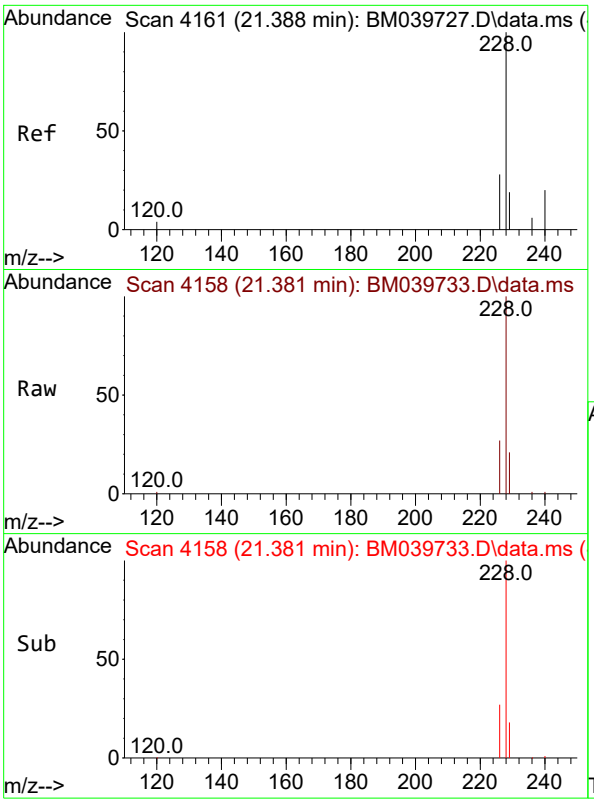


#20
Pyrene
Concen: 5.603 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Tgt Ion:202 Resp: 336387

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.9	16.3
100	10.2	8.9	13.3



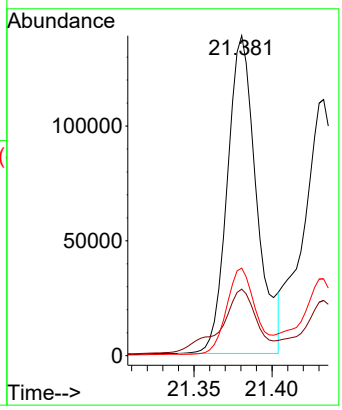


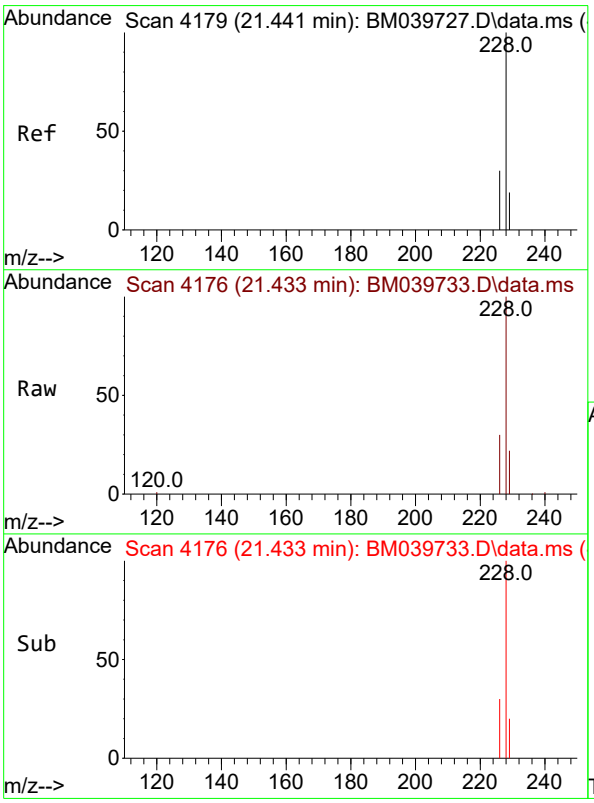
#21
Benzo(a)anthracene
Concen: 4.014 ng/ul
RT: 21.381 min Scan# 4
Delta R.T. -0.016 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Tgt Ion:228 Resp: 179837

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	27.3	21.6	32.4

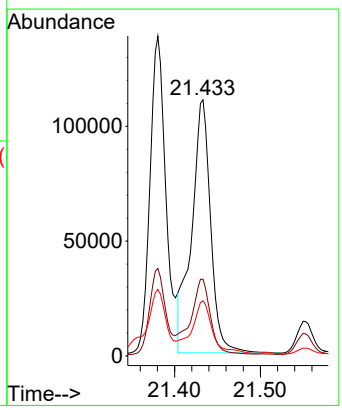


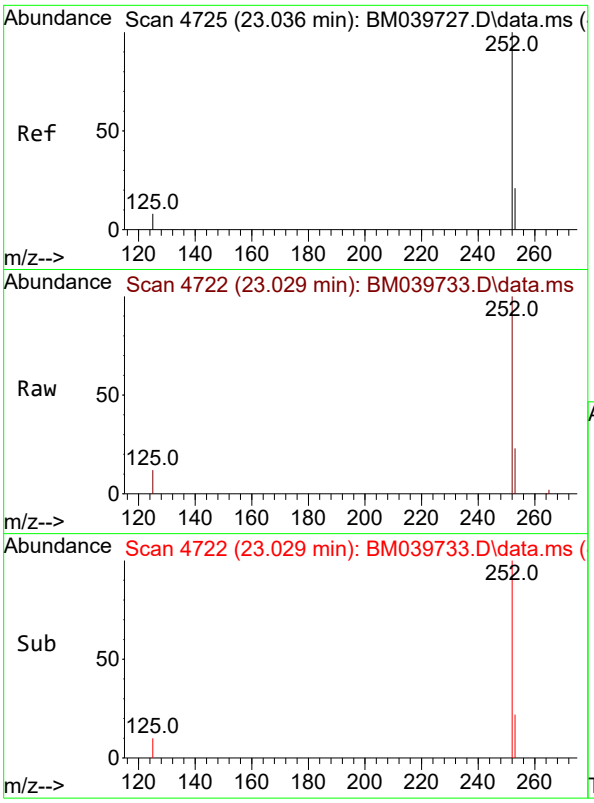


#22
Chrysene
Concen: 3.365 ng/ul
RT: 21.433 min Scan# 4176
Delta R.T. -0.013 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Tgt Ion:228 Resp: 170624

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	21.6	15.9	23.9



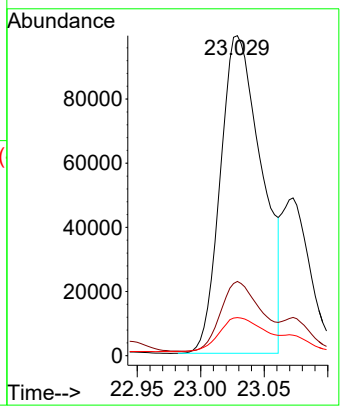


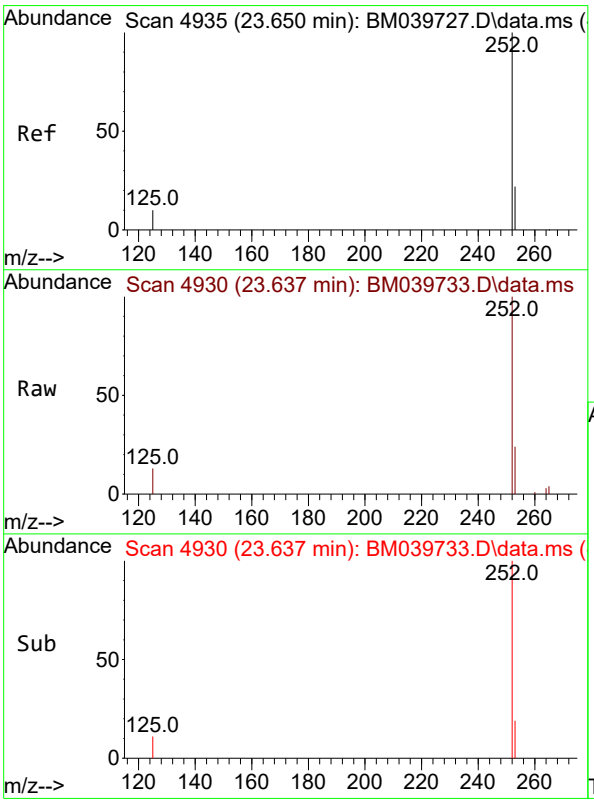
#24
Benzo(b)fluoranthene
Concen: 4.754 ng/ul
RT: 23.029 min Scan# 4
Delta R.T. -0.016 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Tgt Ion:252 Resp: 225301

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	52.8
125	11.9	0.0	31.6

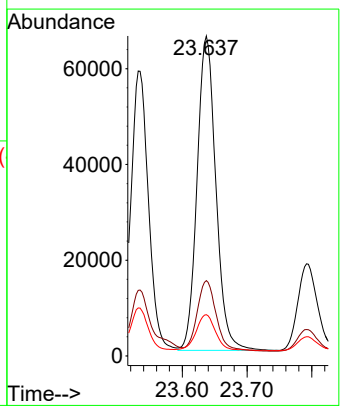


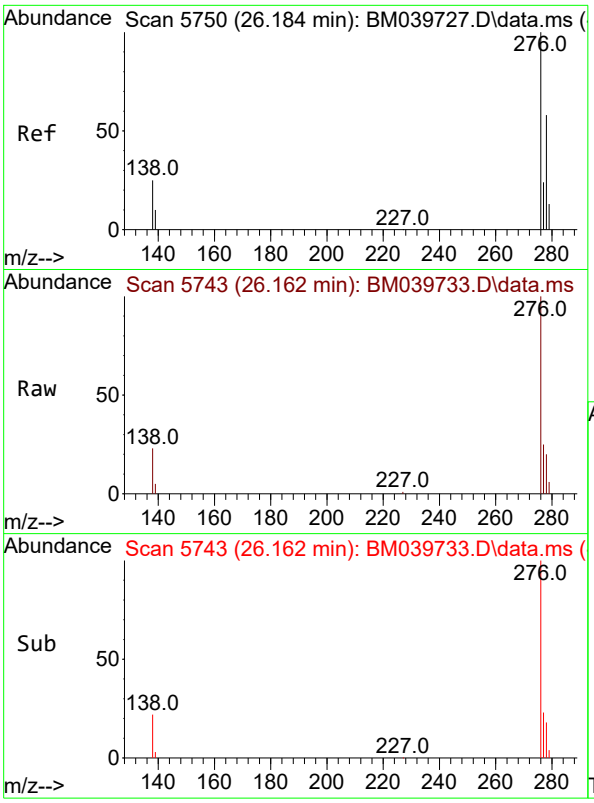


#26
Benzo(a)pyrene
Concen: 3.111 ng/ul
RT: 23.637 min Scan# 4930
Delta R.T. -0.028 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Tgt Ion:252 Resp: 132366

Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.7	37.1#
125	12.9	16.5	24.7#



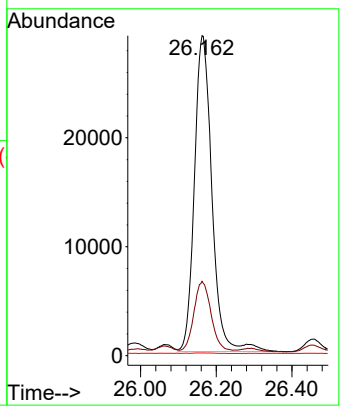


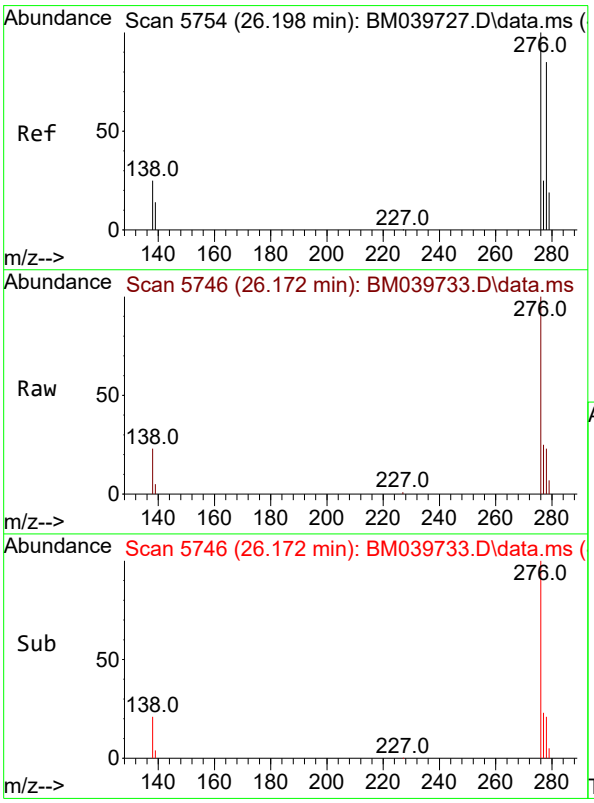
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.731 ng/ul
RT: 26.162 min Scan# 5
Delta R.T. -0.039 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Tgt Ion:276 Resp: 93150

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

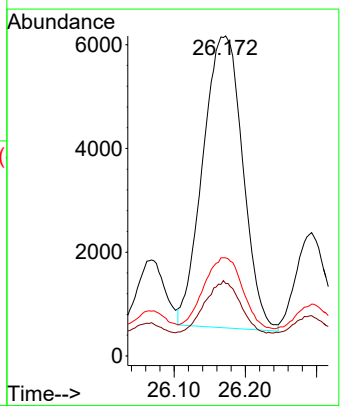


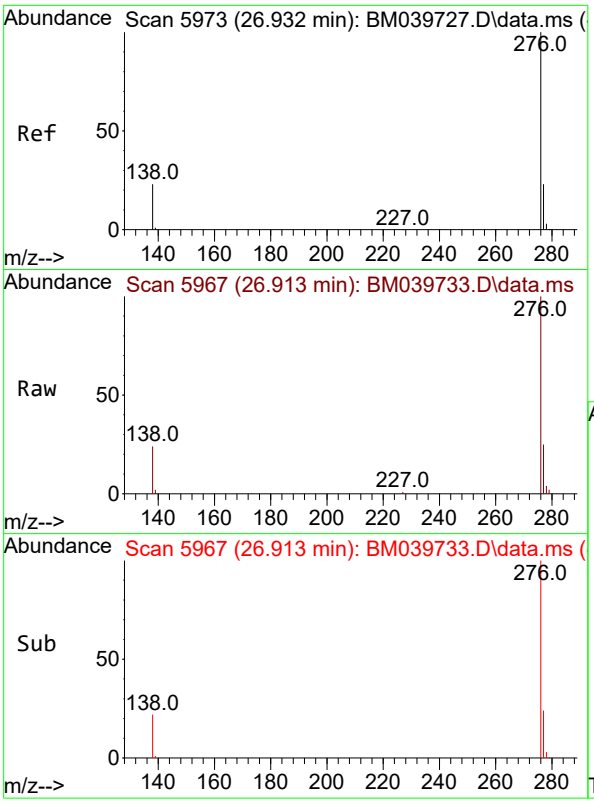


#28
Dibenzo(a,h)anthracene
Concen: 0.524 ng/ul
RT: 26.172 min Scan# 5746
Delta R.T. -0.045 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Tgt Ion:278 Resp: 21872

Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.0	25.6
279	30.7	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 1.593 ng/ul
RT: 26.913 min Scan# 5
Delta R.T. -0.035 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

Instrument :
BNA_M
ClientSampleId :
EW8Z6DL

Tgt Ion:276 Resp: 74676

Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.1	30.1
277	24.7	20.1	30.1