Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039761.D
Acq On : 29 Apr 2023 06:44
Operator : CG/JU
Sample : 02417-02DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW8W8DL

Quant Time: May 01 01:32:45 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 : 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	7.796	152	4488	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	17671	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	11577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	23597	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	14734	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	11403	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2922	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	874	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	1993	0.050	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.644	128	87558	1.973	ng/ul	98
7) 2-Methylnaphthalene	12.267	142	22991	0.898	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	15449	0.562	ng/ul	99
10) Acenaphthylene	14.168	152	5218	0.116	ng/ul#	91
11) Acenaphthene	14.506	153	24742	0.703	ng/ul	98
12) Fluorene	15.501	166	28273	0.724	ng/ul	98
15) Phenanthrene	17.238	178	479676	7.716	ng/ul	98
16) Anthracene	17.331	178	97796	1.832	ng/ul	98
19) Fluoranthene	19.262	202	694679	13.216	ng/ul	98
20) Pyrene	19.624	202	576903	10.163	ng/ul	99
21) Benzo(a)anthracene	21.378	228	240936	5.687	ng/ul	99
22) Chrysene	21.430	228	209169	4.363	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	250548	6.256	ng/ul	92
26) Benzo(a)pyrene	23.637	252	161278	4.486	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.162	276	115954	2.550	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.169	278	24290	0.688	ng/ul	99
29) Benzo(g,h,i)perylene	26.910	276	101610	2.565	ng/ul	97

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

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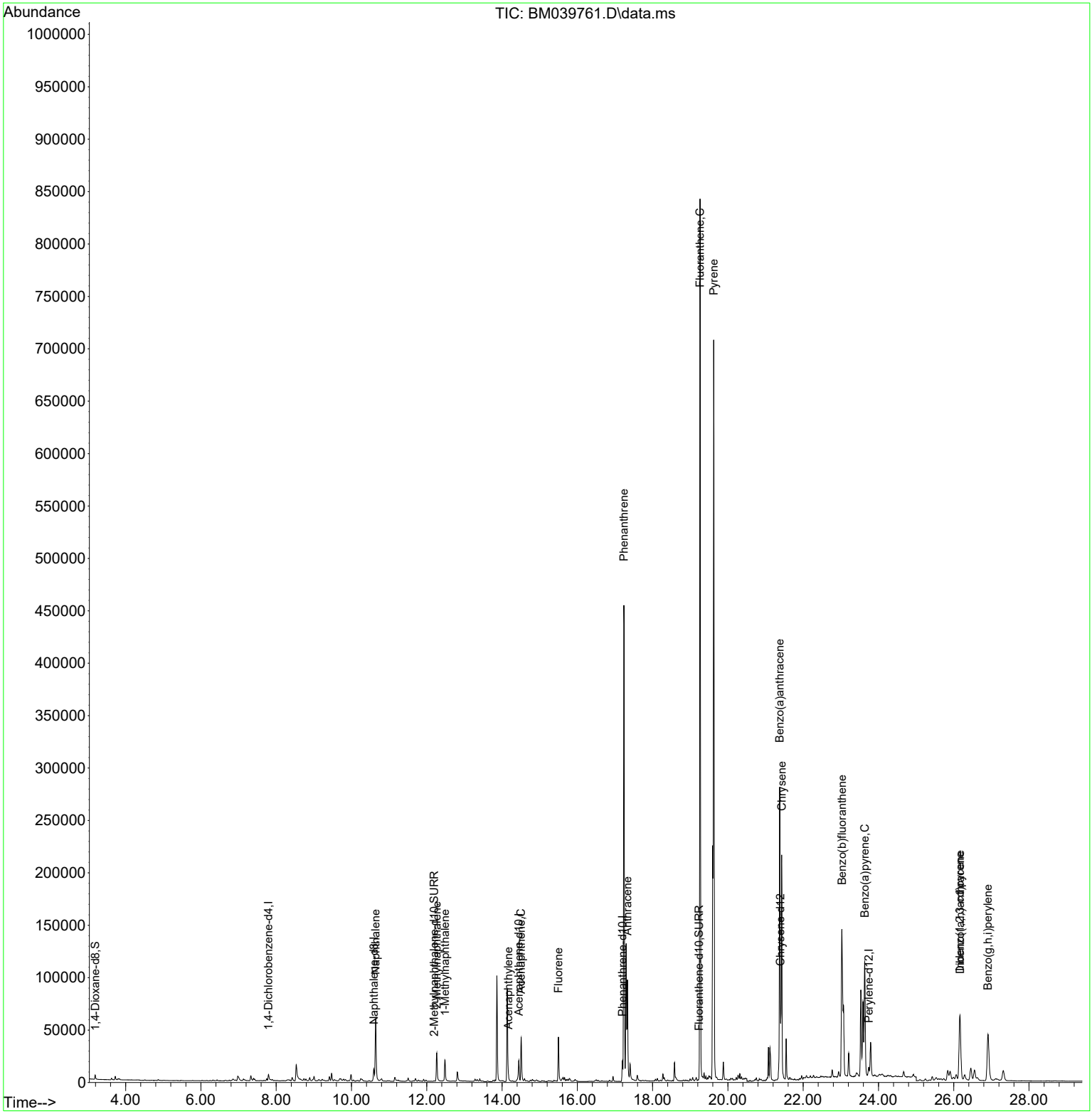
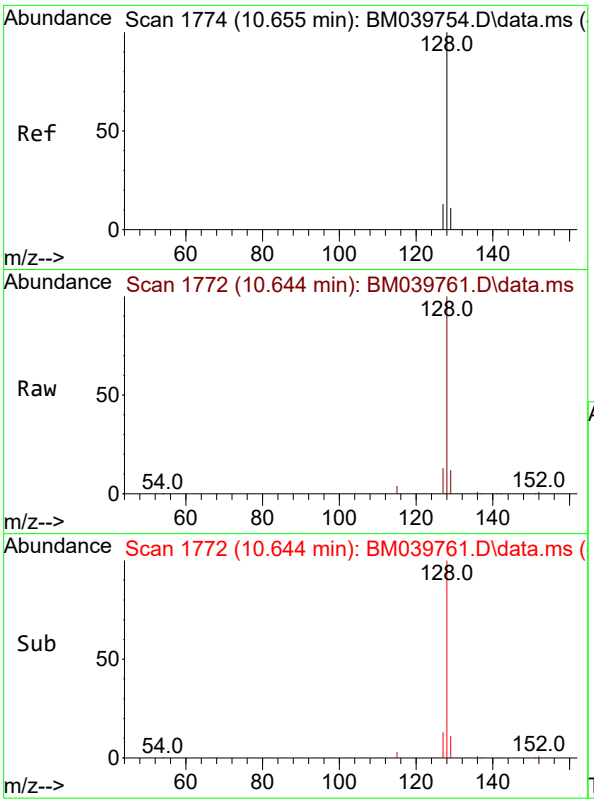


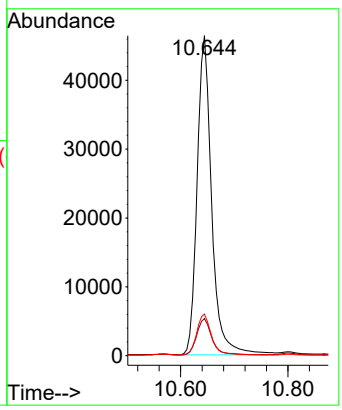


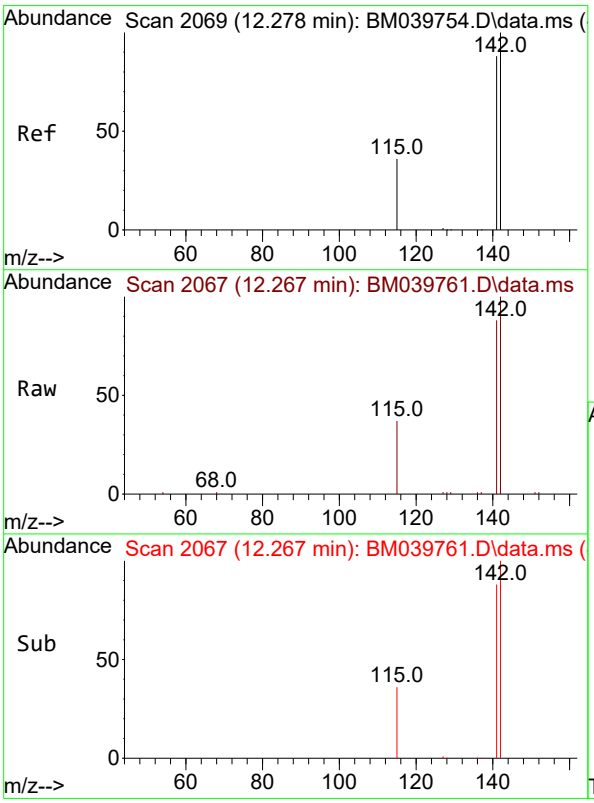
#5
Naphthalene
Concen: 1.973 ng/ul
RT: 10.644 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Tgt Ion:128 Resp: 87558

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	13.0	11.1	16.7

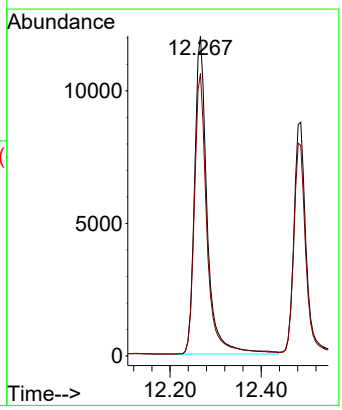


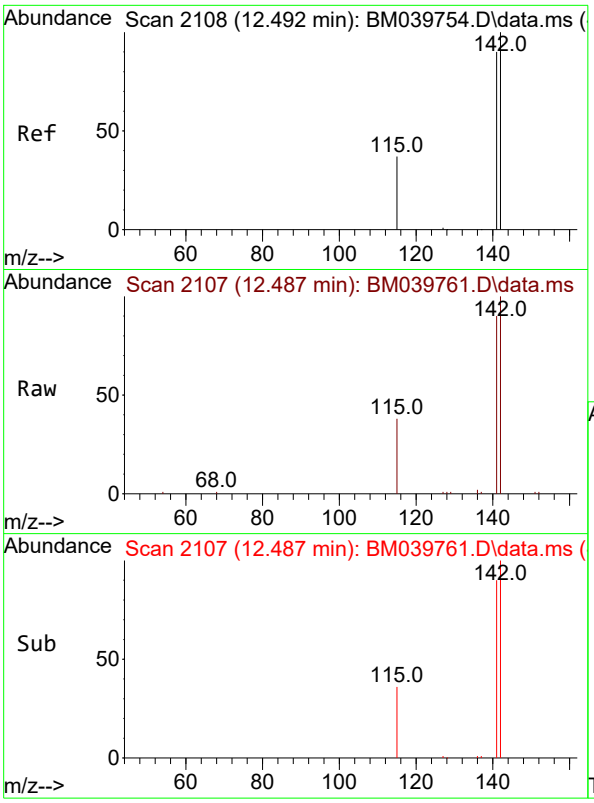


#7
2-Methylnaphthalene
Concen: 0.898 ng/ul
RT: 12.267 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Tgt Ion:142 Resp: 22991

Ion	Ratio	Lower	Upper
142	100		
141	88.1	73.2	109.8



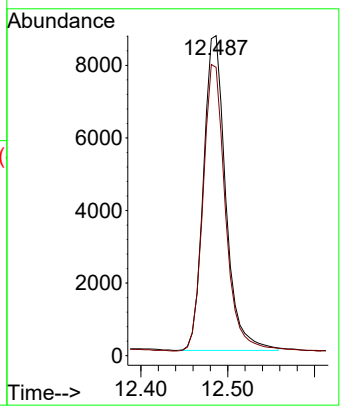


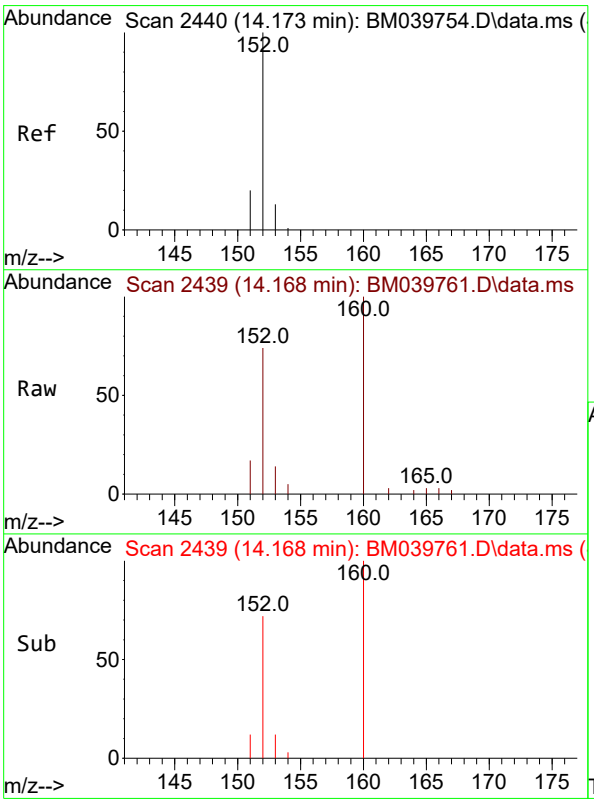
#8
1-Methylnaphthalene
Concen: 0.562 ng/ul
RT: 12.487 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Tgt Ion:142 Resp: 15449

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.4	110.2

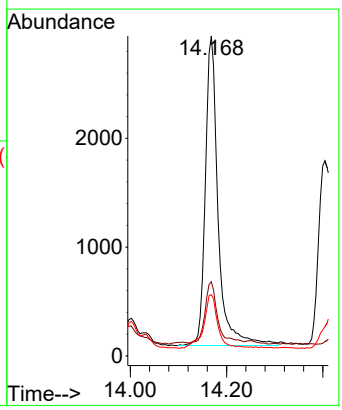


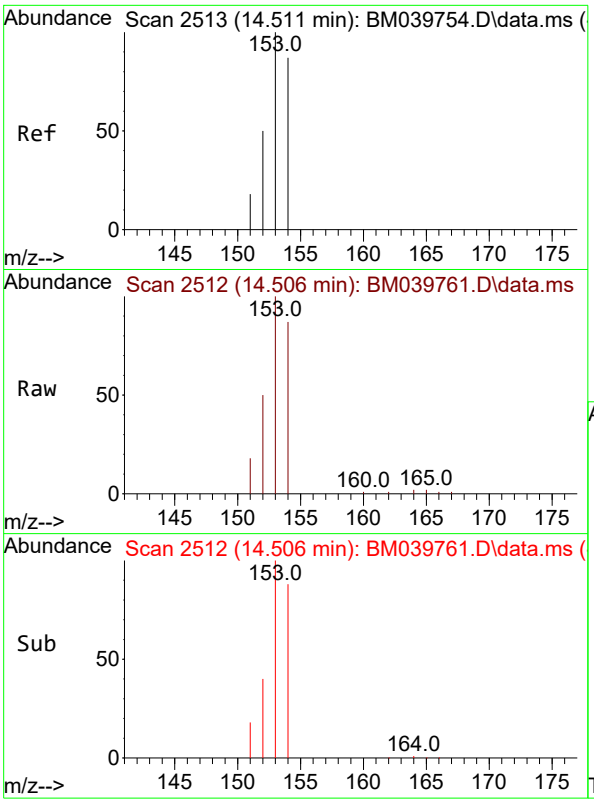


#10
Acenaphthylene
Concen: 0.116 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Tgt Ion:152 Resp: 5218

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.0	24.0
153	19.2	11.2	16.8#



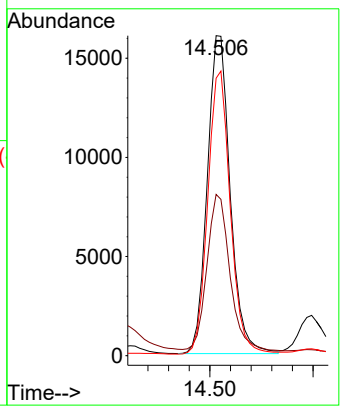


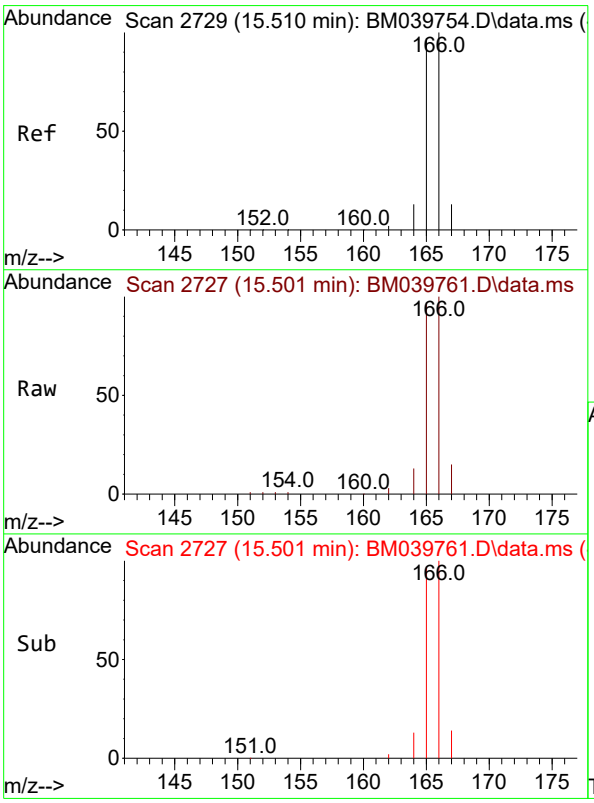
#11
Acenaphthene
Concen: 0.703 ng/ul
RT: 14.506 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Tgt Ion:153 Resp: 24742

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.6	61.0
154	86.7	71.9	107.9

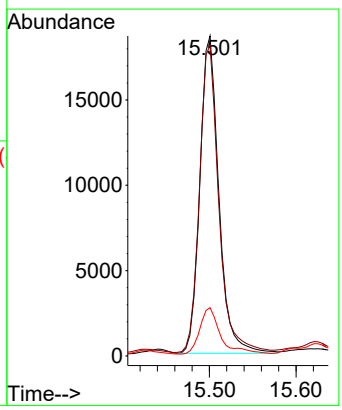


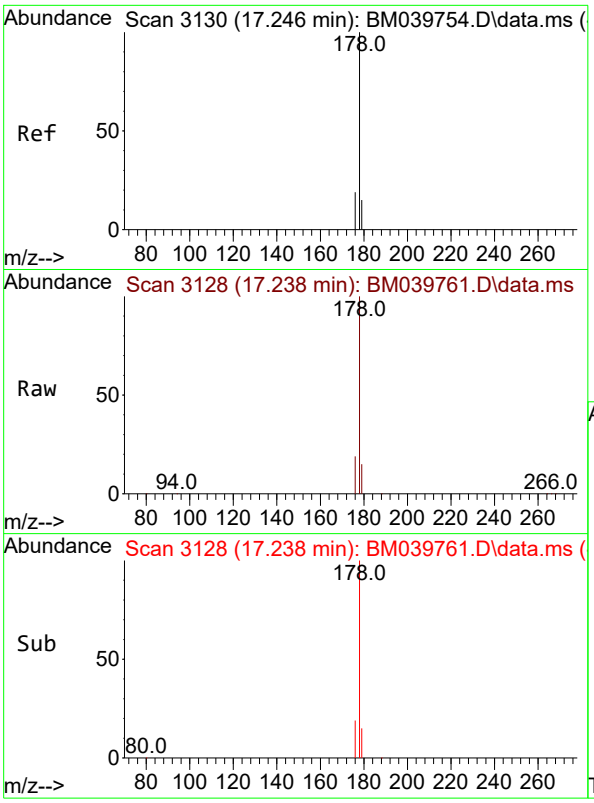


#12
Fluorene
Concen: 0.724 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Tgt Ion:166 Resp: 28273

Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.0	118.6
167	15.1	11.8	17.6



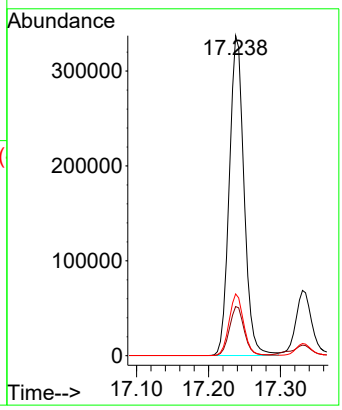


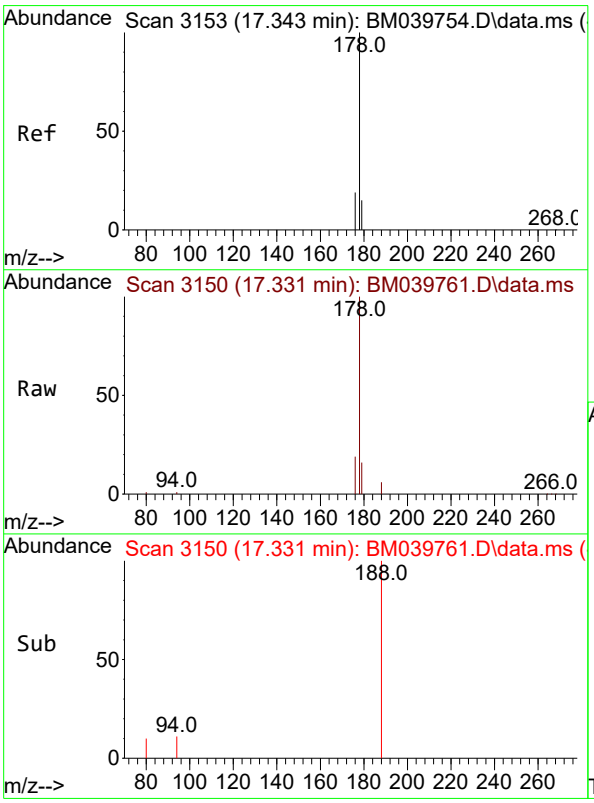
#15
Phenanthrene
Concen: 7.716 ng/ul
RT: 17.238 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Tgt Ion:178 Resp: 479676

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.6
176	19.3	15.8	23.8

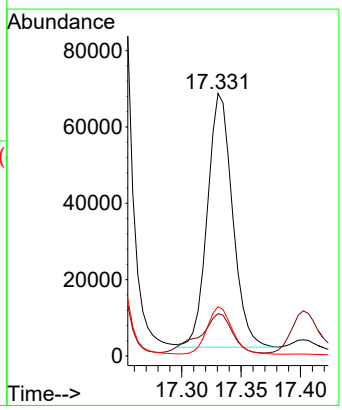


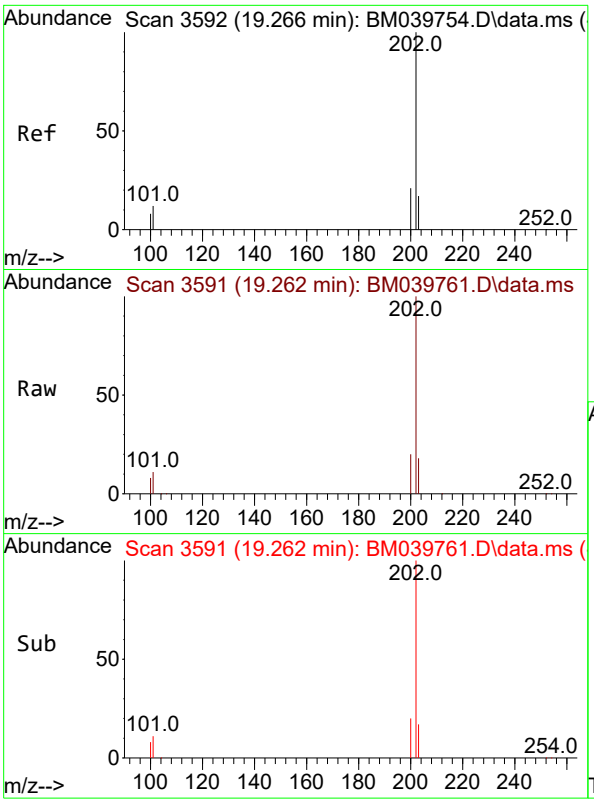


#16
Anthracene
Concen: 1.832 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Tgt Ion:178 Resp: 97796

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.8	20.6
176	18.8	15.8	23.8



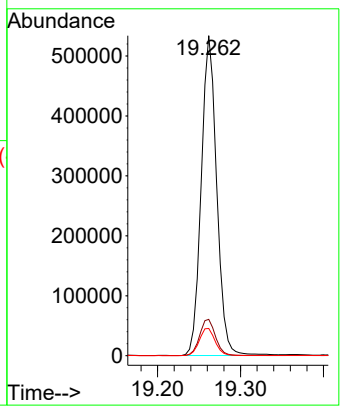


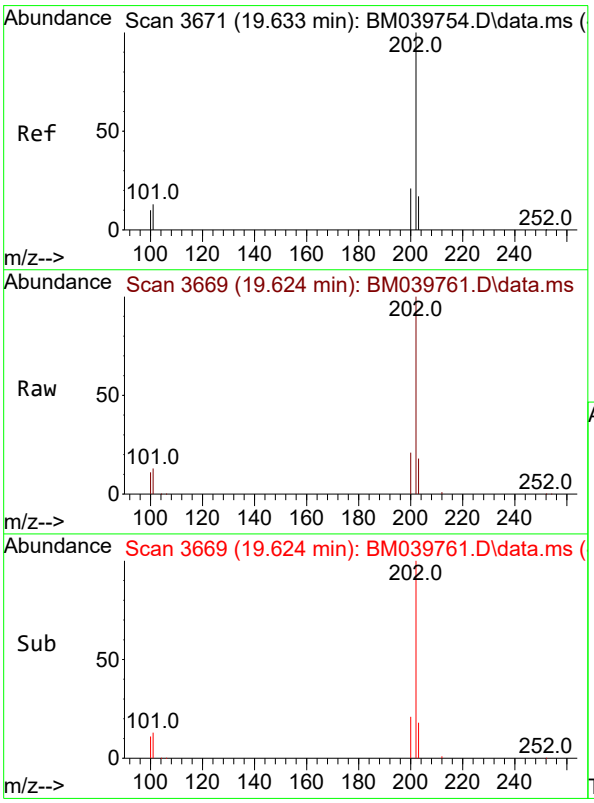
#19
Fluoranthene
Concen: 13.216 ng/ul
RT: 19.262 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Tgt Ion:202 Resp: 694679

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

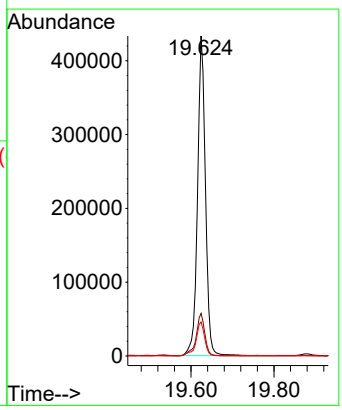


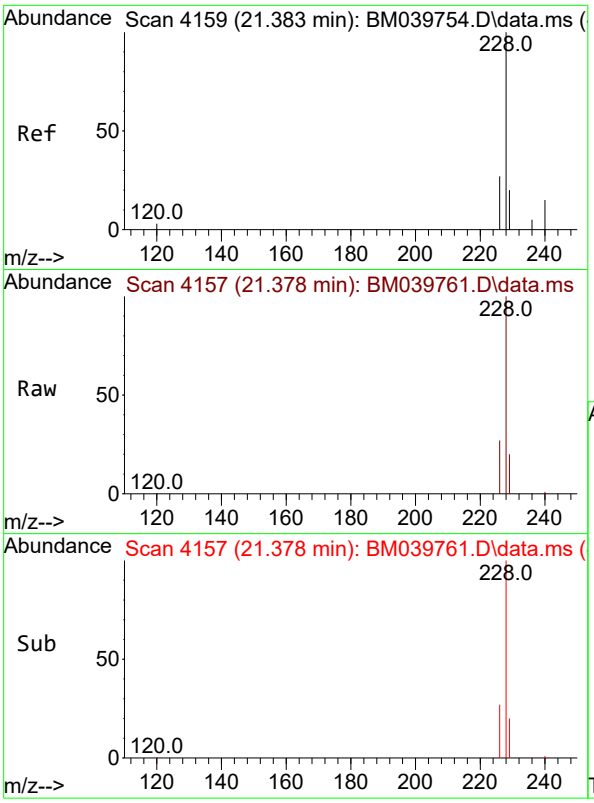


#20
Pyrene
Concen: 10.163 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Tgt Ion:202 Resp: 576903

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



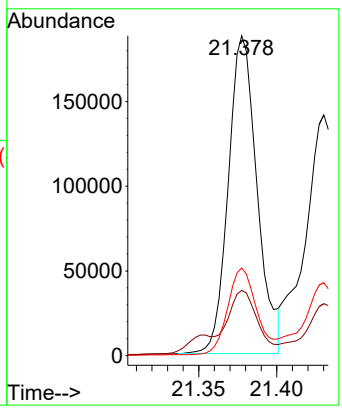


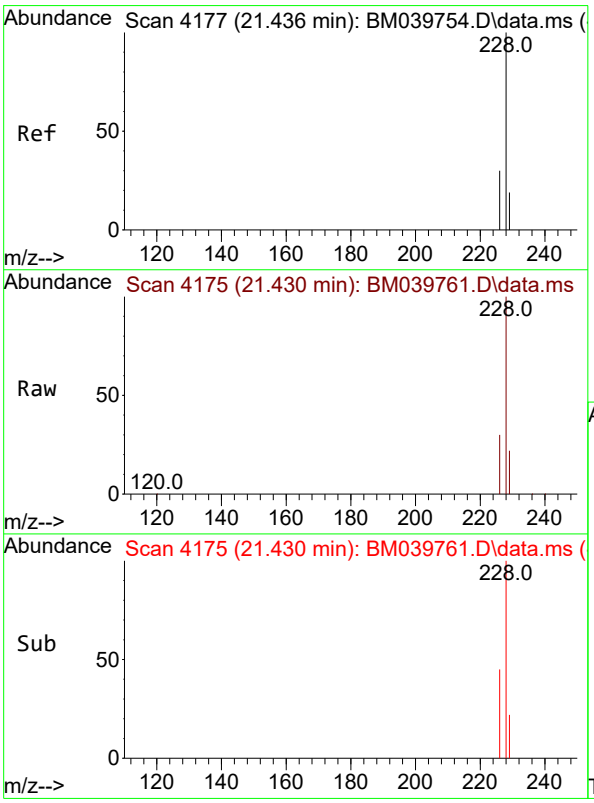
#21
Benzo(a)anthracene
Concen: 5.687 ng/ul
RT: 21.378 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Tgt Ion:228 Resp: 240936

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.2
226	27.4	21.6	32.4

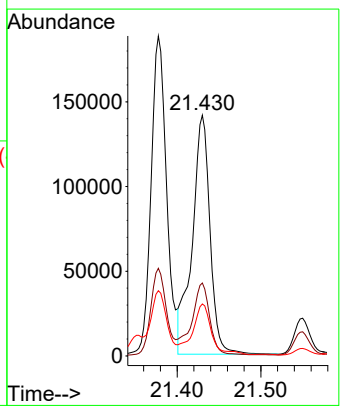


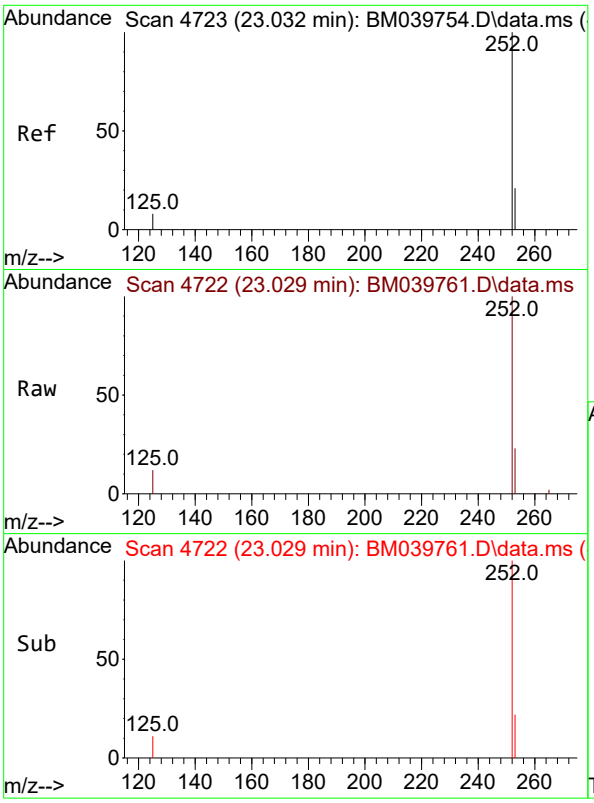


#22
Chrysene
Concen: 4.363 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Tgt Ion:228 Resp: 209169

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	21.6	15.9	23.9



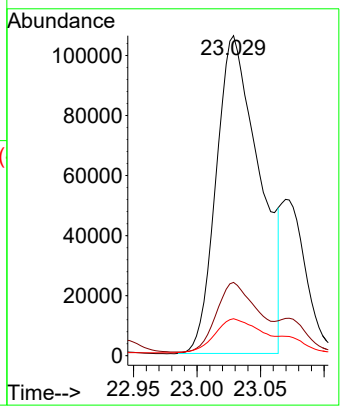


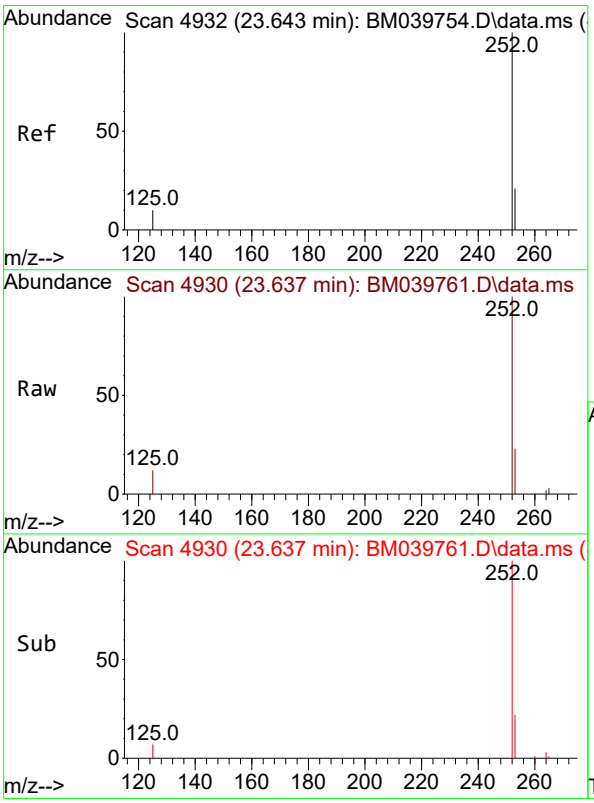
#24
Benzo(b)fluoranthene
Concen: 6.256 ng/ul
RT: 23.029 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Tgt Ion:252 Resp: 250548

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	52.8
125	11.6	0.0	31.6

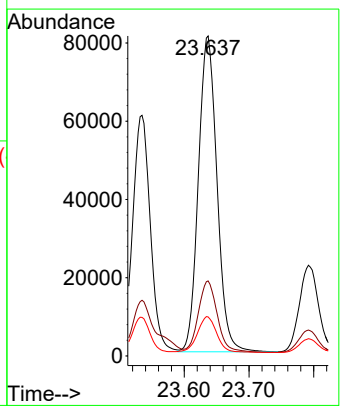


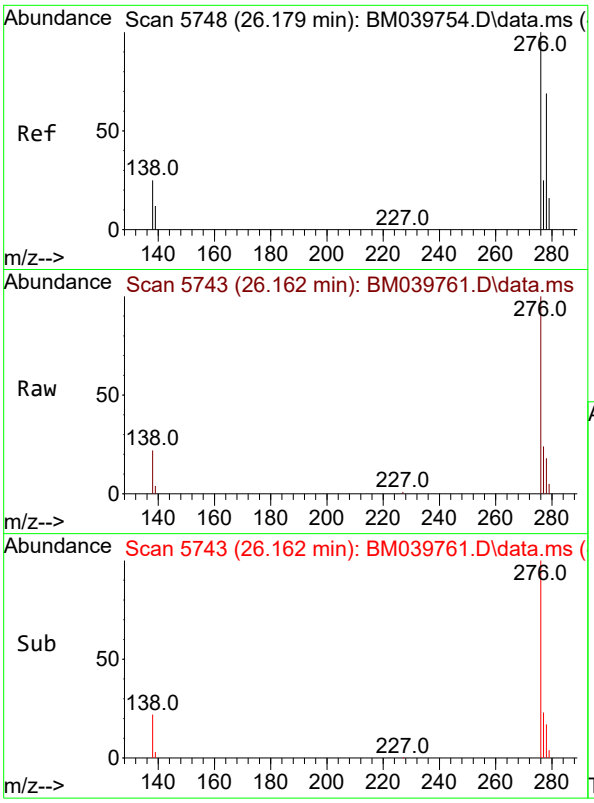


#26
Benzo(a)pyrene
Concen: 4.486 ng/ul
RT: 23.637 min Scan# 4930
Delta R.T. -0.006 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Tgt Ion:252 Resp: 161278

Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.7	37.1#
125	12.2	16.5	24.7#



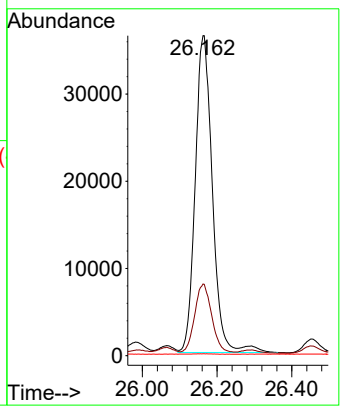


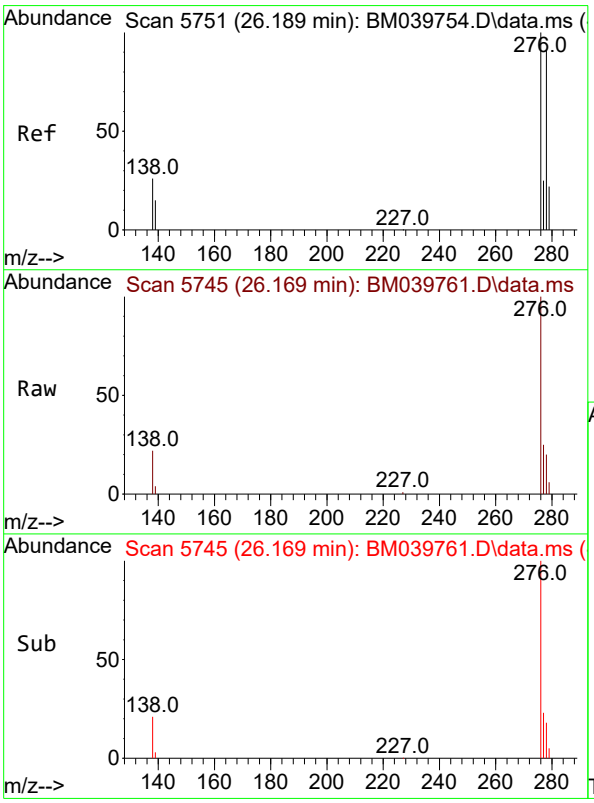
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.550 ng/ul
RT: 26.162 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Tgt Ion:276 Resp: 115954

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

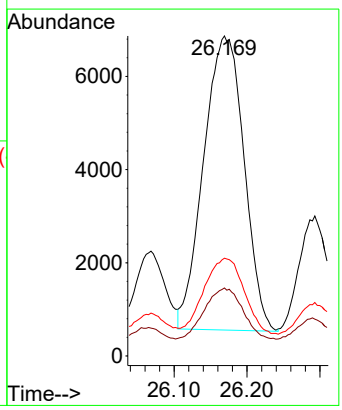


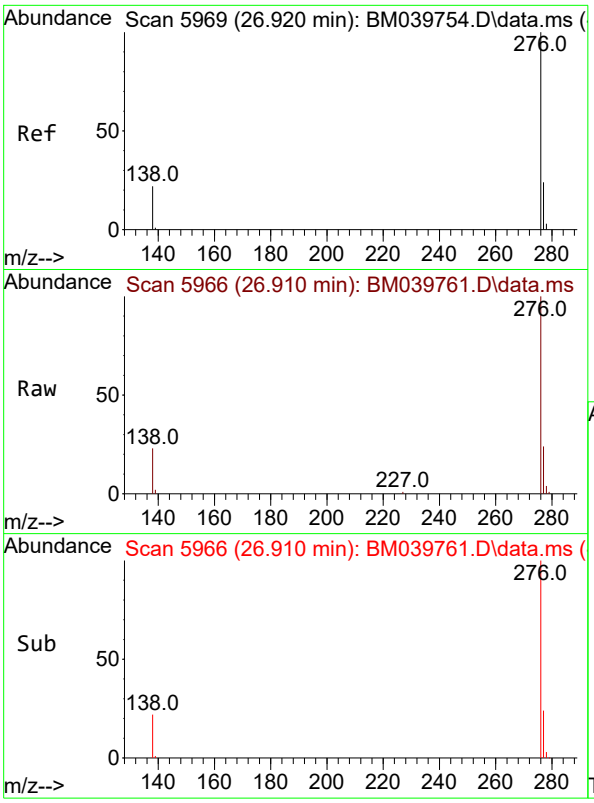


#28
Dibenzo(a,h)anthracene
Concen: 0.688 ng/ul
RT: 26.169 min Scan# 5745
Delta R.T. -0.020 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Tgt Ion:278 Resp: 24290

Ion	Ratio	Lower	Upper
278	100		
139	21.3	17.0	25.6
279	30.5	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 2.565 ng/ul
RT: 26.910 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Tgt Ion:276 Resp: 101610

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.1	30.1
277	24.3	20.1	30.1