Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025377.D
Acq On : 10 May 2023 12:45
Operator : CG/JU
Sample : 02479-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW973

Quant Time: May 11 01:11:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 12:11:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9325	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	30154	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.542	164	19406	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	45586	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.491	240	30661	0.400	ng/ul	# 0.00
23) Perylene-d12	23.920	264	29740	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	23359	2.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	7151	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	17821	0.220	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.754	128	13450	0.174	ng/ul	97
7) 2-Methylnaphthalene	12.371	142	10734	0.227	ng/ul	97
8) 1-Methylnaphthalene	12.591	142	7915	0.157	ng/ul	99
10) Acenaphthylene	14.265	152	28814	0.399	ng/ul#	94
11) Acenaphthene	14.607	153	8092	0.133	ng/ul	100
12) Fluorene	15.593	166	11814	0.173	ng/ul#	95
15) Phenanthrene	17.334	178	261602	2.033	ng/ul	100
16) Anthracene	17.427	178	74877	0.711	ng/ul	99
19) Fluoranthene	19.354	202	662366	5.974	ng/ul	100
20) Pyrene	19.721	202	631256	5.541	ng/ul	99
21) Benzo(a)anthracene	21.476	228	405820	4.392	ng/ul	98
22) Chrysene	21.526	228	410823	4.076	ng/ul	97
24) Benzo(b)fluoranthene	23.180	252	739188	6.126	ng/ul	98
26) Benzo(a)pyrene	23.818	252	364920	3.655	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.450	276	262845	2.285	ng/ul	94
28) Dibenzo(a,h)anthracene	26.464	278	67588	0.752	ng/ul#	88
29) Benzo(g,h,i)perylene	27.235	276	280646	2.869	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
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Acq On : 10 May 2023 12:45
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Quant Time: May 11 01:11:05 2023
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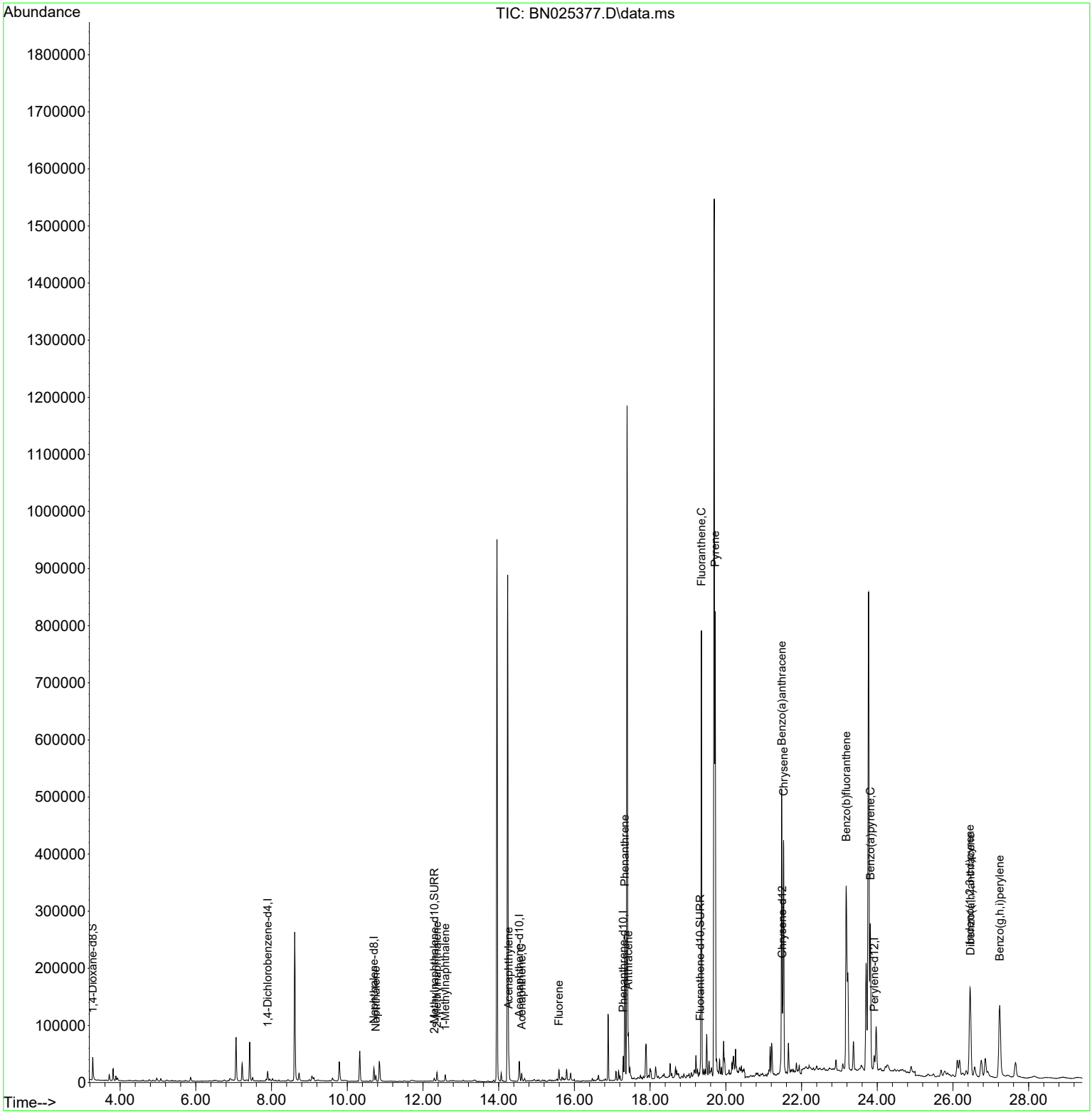
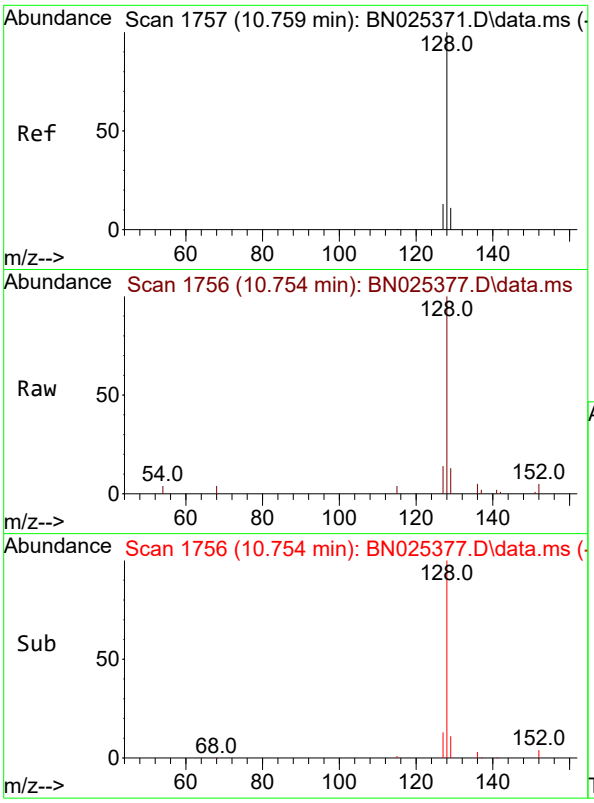
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 12:11:16 2023
Response via : Initial Calibration



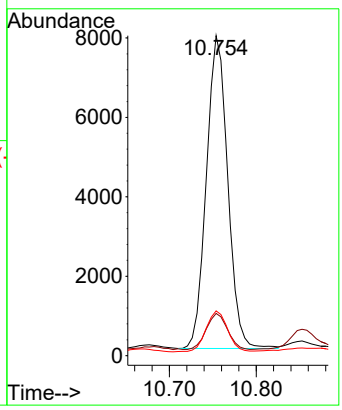


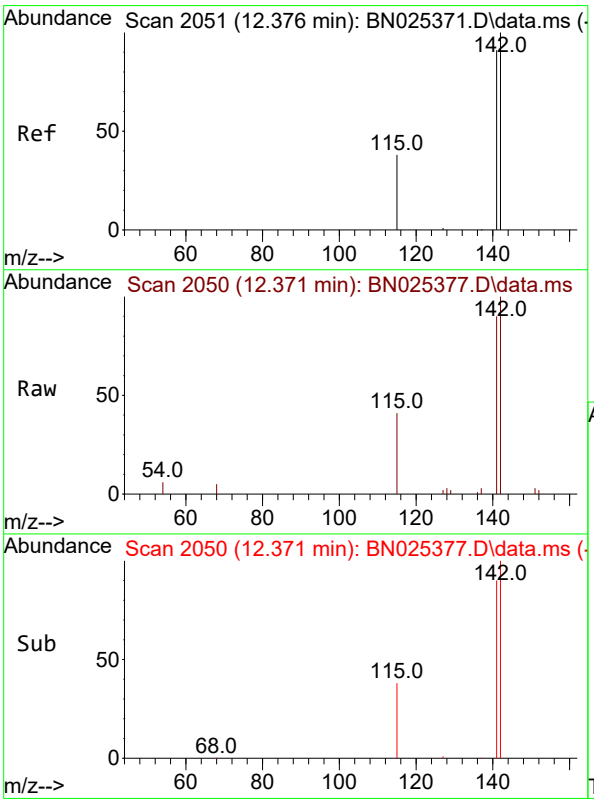
#5
Naphthalene
Concen: 0.174 ng/ul
RT: 10.754 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Instrument :
BNA_N
ClientSampleId :
EW973

Tgt Ion:128 Resp: 13450

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.0	13.6
127	14.0	10.7	16.1

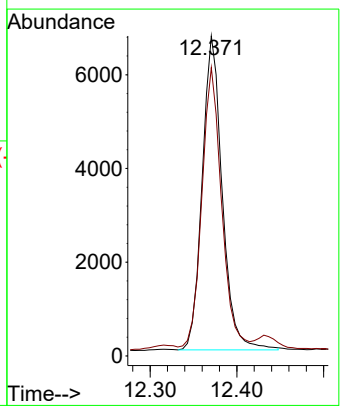


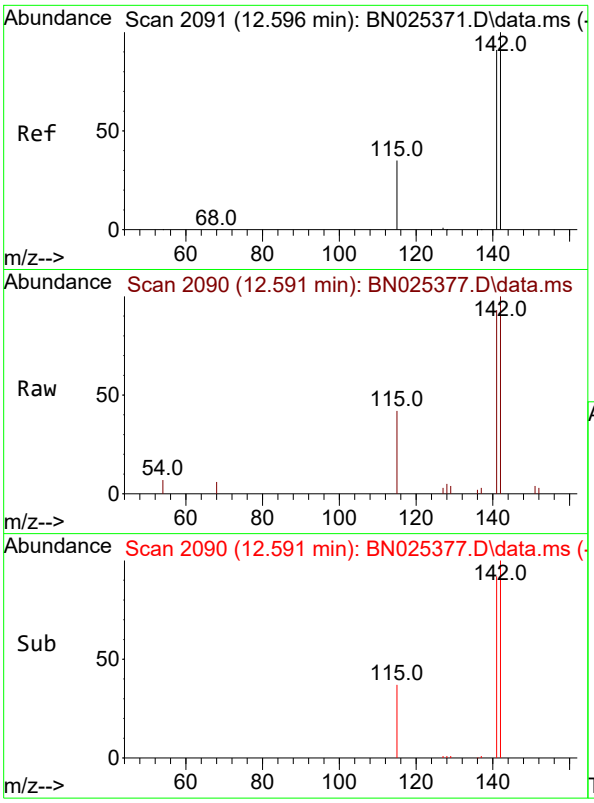


#7
2-Methylnaphthalene
Concen: 0.227 ng/ul
RT: 12.371 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Tgt Ion:142 Resp: 10734

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.4	107.0



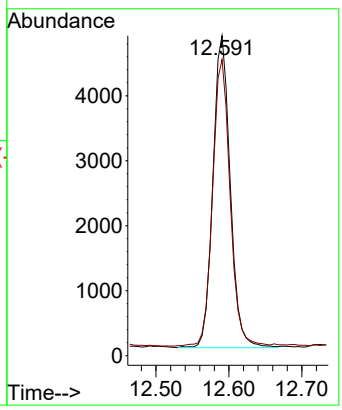


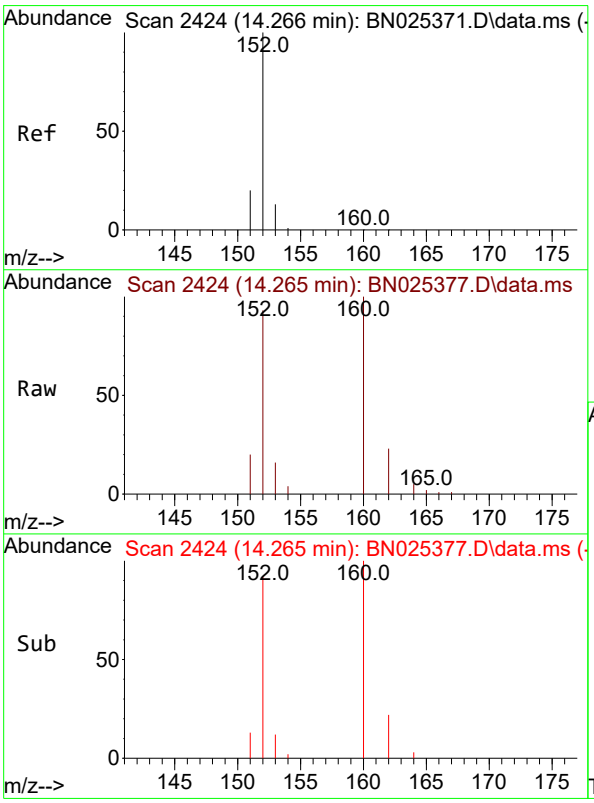
#8
1-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.591 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Instrument :
BNA_N
ClientSampleId :
EW973

Tgt Ion:142 Resp: 7915

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.6

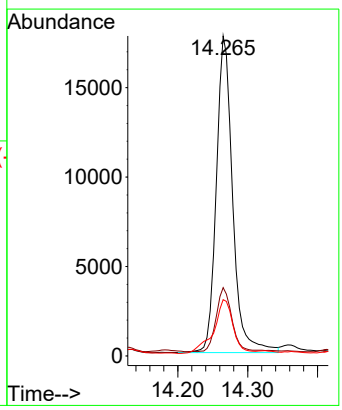


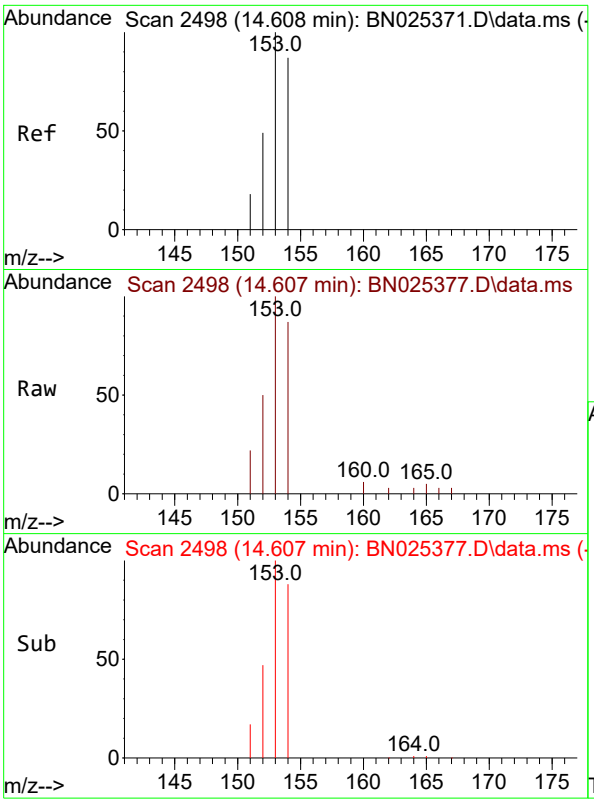


#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Tgt Ion:152 Resp: 28814

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.0	24.0
153	17.6	10.8	16.2#



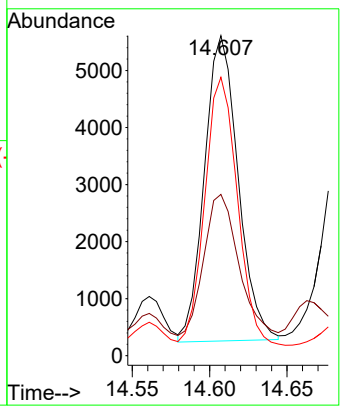


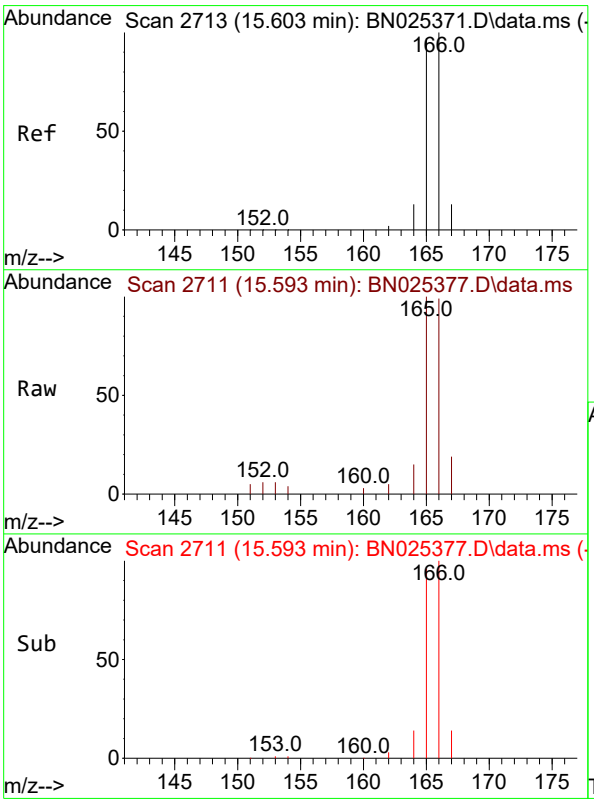
#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.607 min Scan# 24
Delta R.T. -0.001 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Instrument :
BNA_N
ClientSampleId :
EW973

Tgt Ion:153 Resp: 8092

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.2	60.4
154	87.0	69.4	104.2

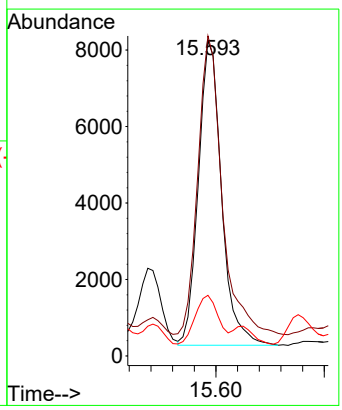


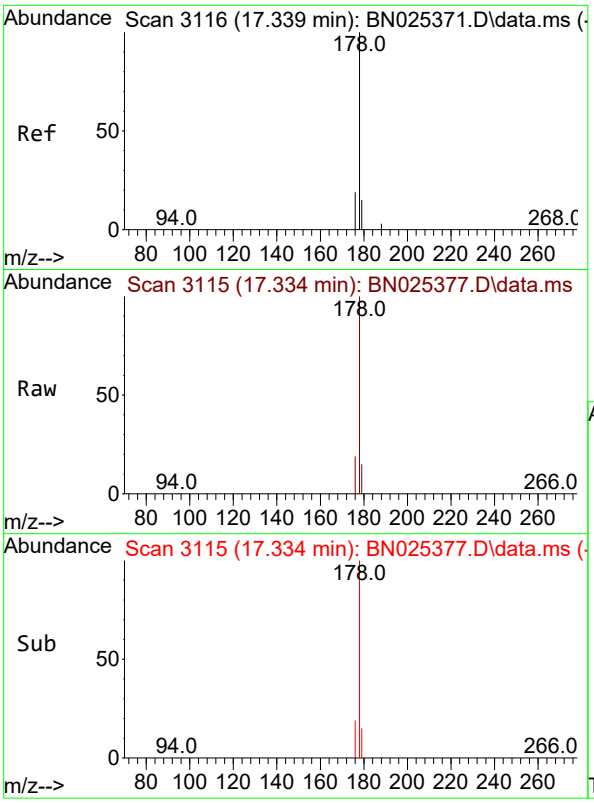


#12
Fluorene
Concen: 0.173 ng/ul
RT: 15.593 min Scan# 2711
Delta R.T. -0.010 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Tgt Ion:166 Resp: 11814

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.1	117.1
167	19.3	11.0	16.6#



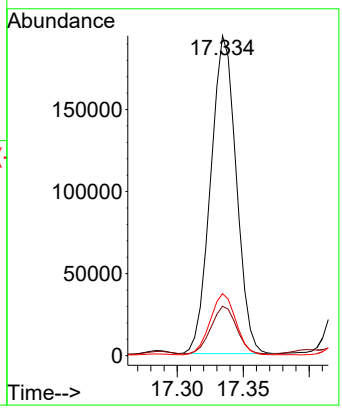


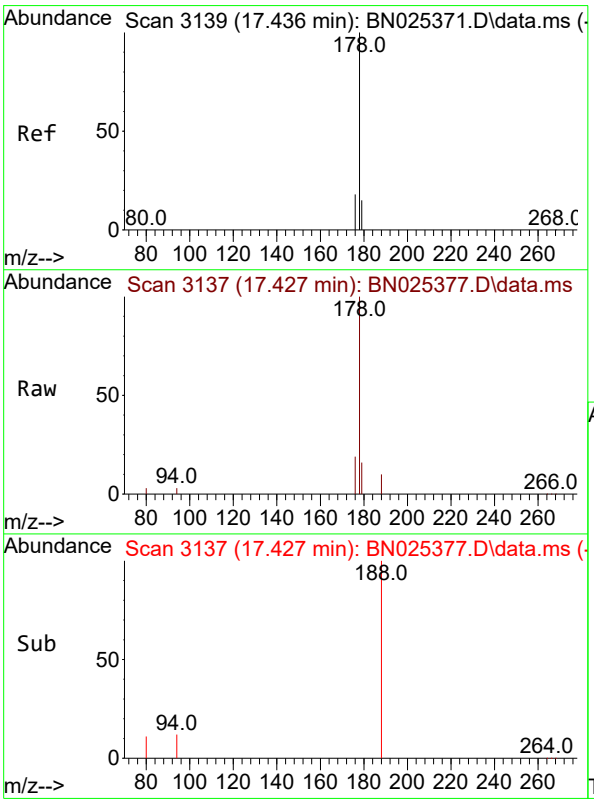
#15
Phenanthrene
Concen: 2.033 ng/ul
RT: 17.334 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Instrument :
BNA_N
ClientSampleId :
EW973

Tgt Ion:178 Resp: 261602

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.4	15.6	23.4

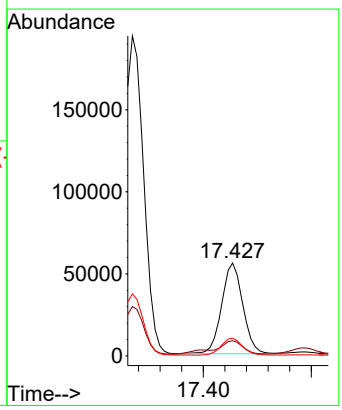


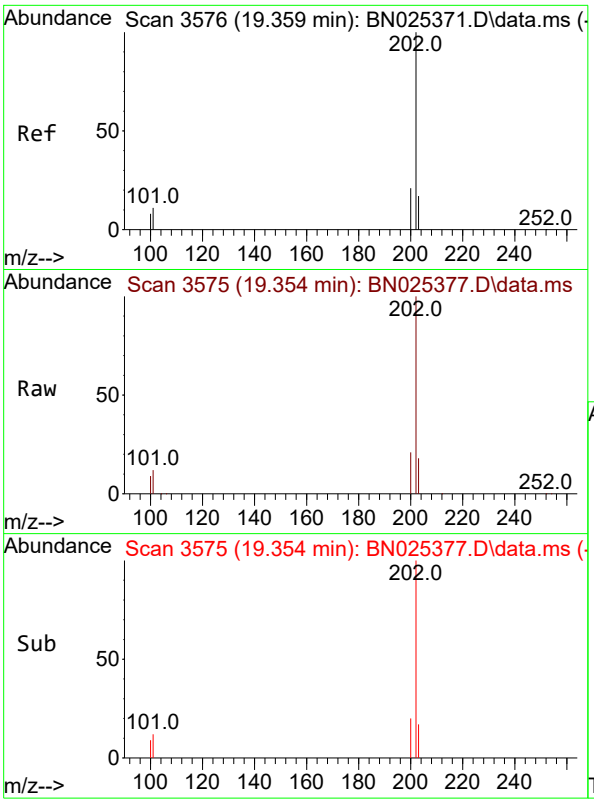


#16
Anthracene
Concen: 0.711 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Tgt Ion:178 Resp: 74877

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	19.1	15.3	22.9



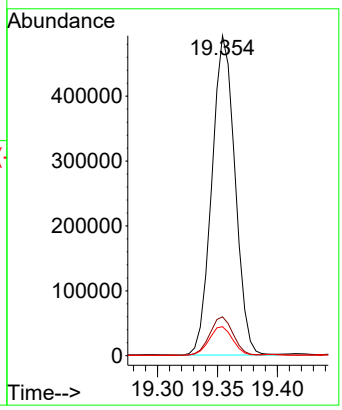


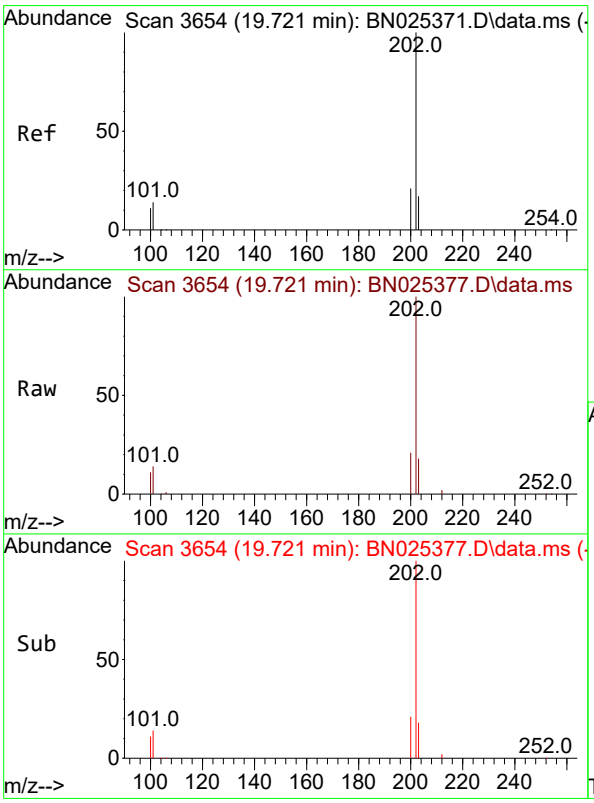
#19
Fluoranthene
Concen: 5.974 ng/ul
RT: 19.354 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Instrument :
BNA_N
ClientSampleId :
EW973

Tgt Ion:202 Resp: 662366

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.0	7.3	10.9

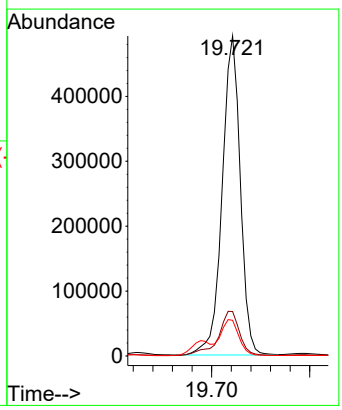


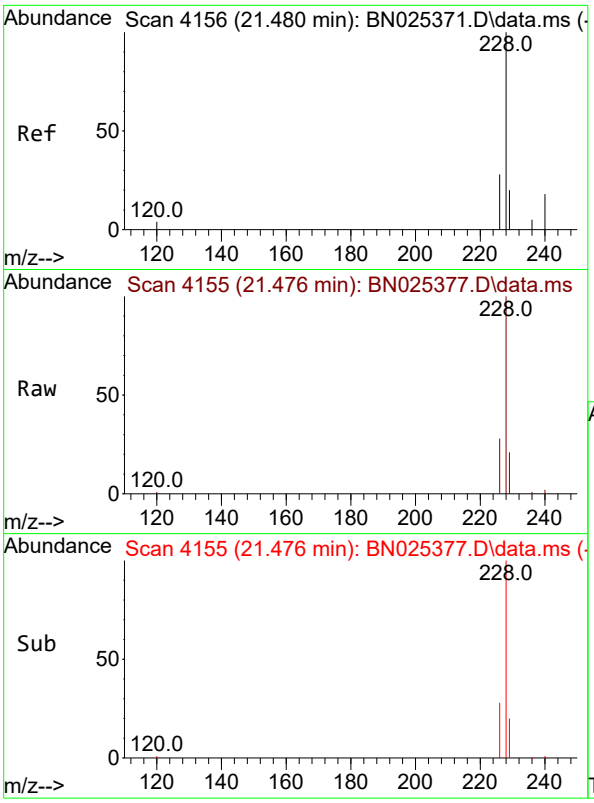


#20
Pyrene
Concen: 5.541 ng/ul
RT: 19.721 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Tgt Ion:202 Resp: 631256

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.3	16.9
100	11.2	9.2	13.8



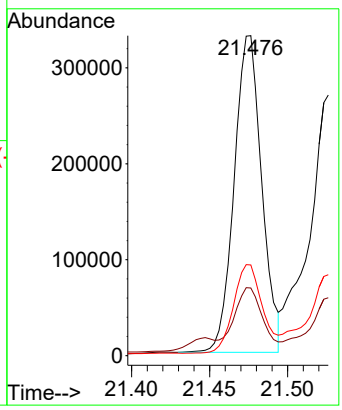


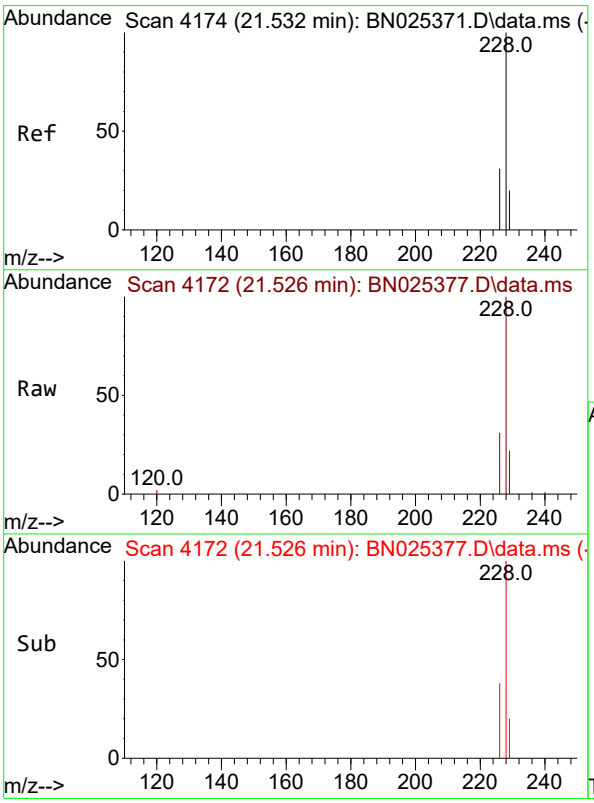
#21
Benzo(a)anthracene
Concen: 4.392 ng/ul
RT: 21.476 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Instrument :
BNA_N
ClientSampleId :
EW973

Tgt Ion:228 Resp: 405820

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	28.4	22.1	33.1

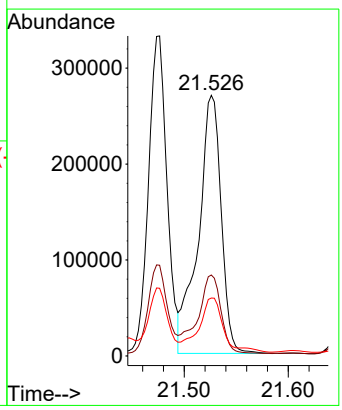


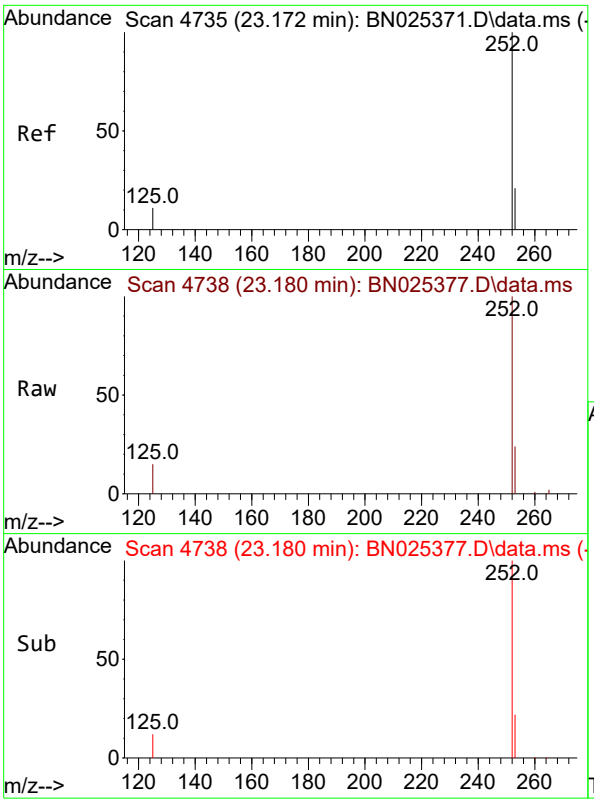


#22
Chrysene
Concen: 4.076 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Tgt Ion:228 Resp: 410823

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	22.2	15.8	23.6



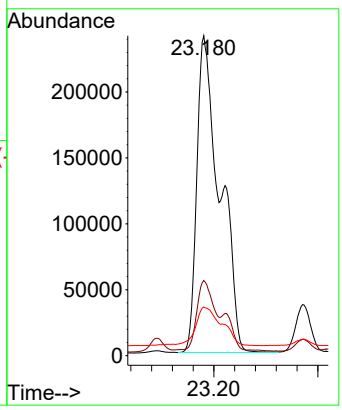


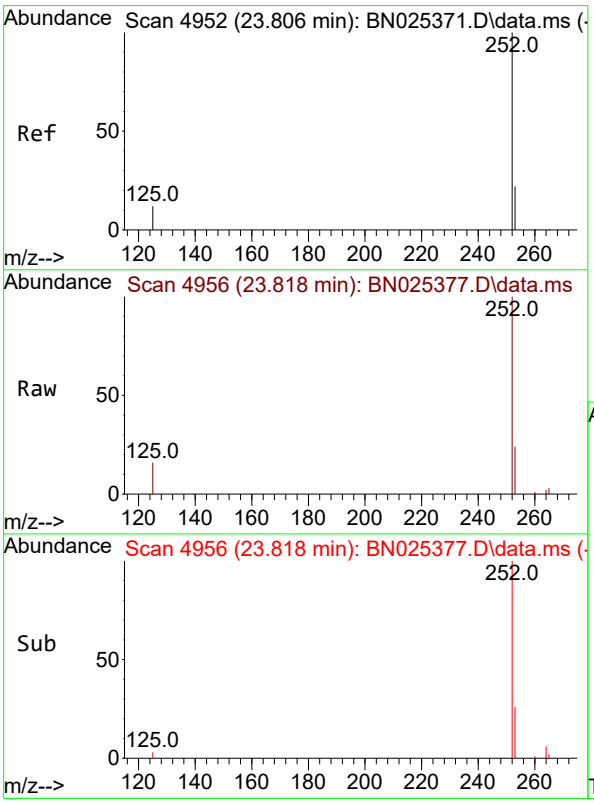
#24
Benzo(b)fluoranthene
Concen: 6.126 ng/ul
RT: 23.180 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Instrument :
BNA_N
ClientSampleId :
EW973

Tgt Ion:252 Resp: 739188

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	50.2
125	15.2	0.0	30.4

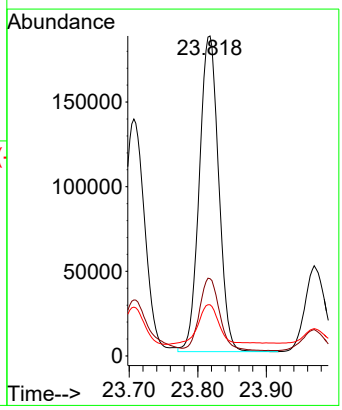


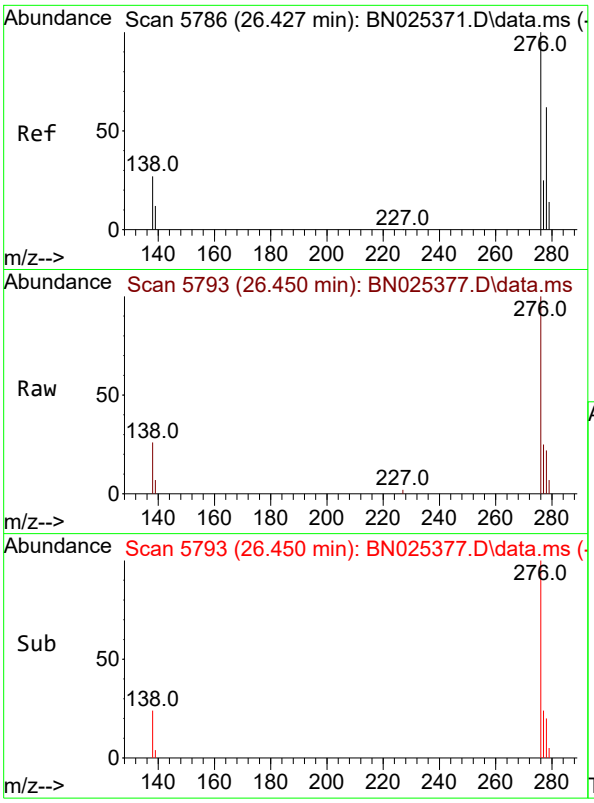


#26
Benzo(a)pyrene
Concen: 3.655 ng/ul
RT: 23.818 min Scan# 4956
Delta R.T. 0.012 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Tgt Ion:252 Resp: 364920

Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.4	32.2
125	16.0	14.6	22.0



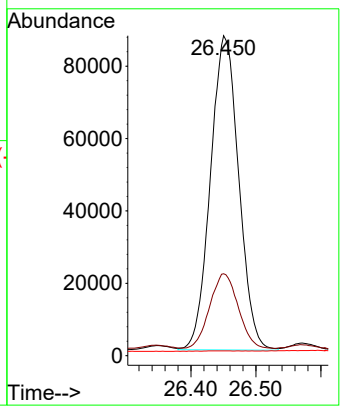


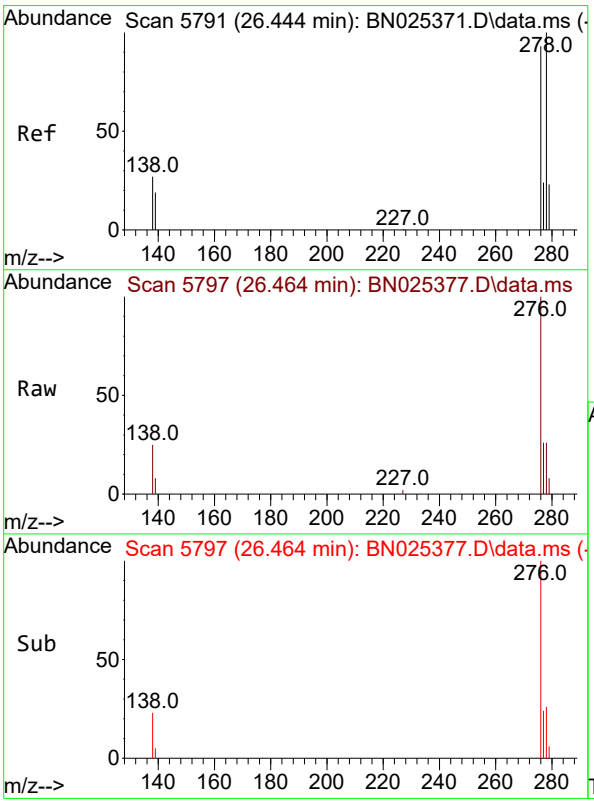
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.285 ng/ul
RT: 26.450 min Scan# 5
Delta R.T. 0.023 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Instrument :
BNA_N
ClientSampleId :
EW973

Tgt Ion:276 Resp: 262845

Ion	Ratio	Lower	Upper
276	100		
138	24.1	21.9	32.9
227	0.1	0.1	0.1

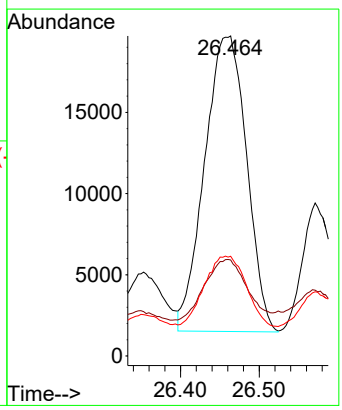


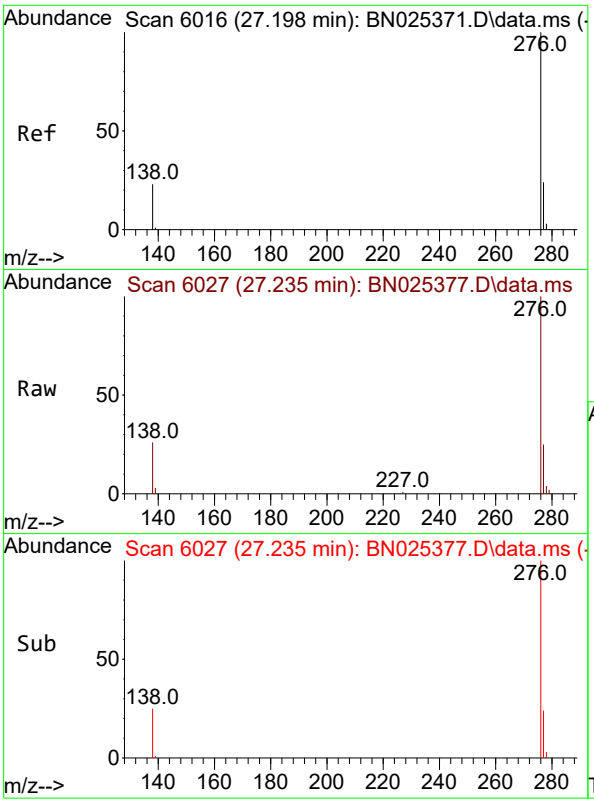


#28
Dibenzo(a,h)anthracene
Concen: 0.752 ng/ul
RT: 26.464 min Scan# 5797
Delta R.T. 0.020 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Tgt Ion:278 Resp: 67588

Ion	Ratio	Lower	Upper
278	100		
139	30.0	17.0	25.6#
279	31.1	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 2.869 ng/ul
RT: 27.235 min Scan# 6
Delta R.T. 0.037 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

Instrument :
BNA_N
ClientSampleId :
EW973

Tgt Ion:276 Resp: 280646

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.3	30.5
277	25.0	19.8	29.6