Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027006.D
Acq On : 21 Aug 2023 23:59
Operator : MA/JU
Sample : 03967-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48M4

Quant Time: Aug 22 01:40:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	8945	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	29526	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	17282	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	39635	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	33931	0.400	ng/ul	#-0.01
23) Perylene-d12	24.182	264	35572	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	39135	3.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	8447	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	22700	0.212	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.977	128	12645	0.152	ng/ul	98
7) 2-Methylnaphthalene	12.572	142	4884	0.097	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	3229	0.061	ng/ul	100
10) Acenaphthylene	14.458	152	15637	0.162	ng/ul	98
11) Acenaphthene	14.791	153	5544	0.083	ng/ul	99
12) Fluorene	15.772	166	8543	0.113	ng/ul	99
15) Phenanthrene	17.515	178	92463	0.710	ng/ul	100
16) Anthracene	17.608	178	20192	0.172	ng/ul	96
19) Fluoranthene	19.515	202	233530	1.657	ng/ul	98
20) Pyrene	19.882	202	221324	1.472	ng/ul	99
21) Benzo(a)anthracene	21.624	228	103454	0.767	ng/ul	95
22) Chrysene	21.679	228	120726	0.906	ng/ul#	95
24) Benzo(b)fluoranthene	23.392	252	197578	1.468	ng/ul#	81
26) Benzo(a)pyrene	24.068	252	97810	0.806	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.864	276	60642	0.382	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.888	278	14815	0.117	ng/ul#	67
29) Benzo(g,h,i)perylene	27.703	276	57854	0.437	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
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Quant Time: Aug 22 01:40:57 2023
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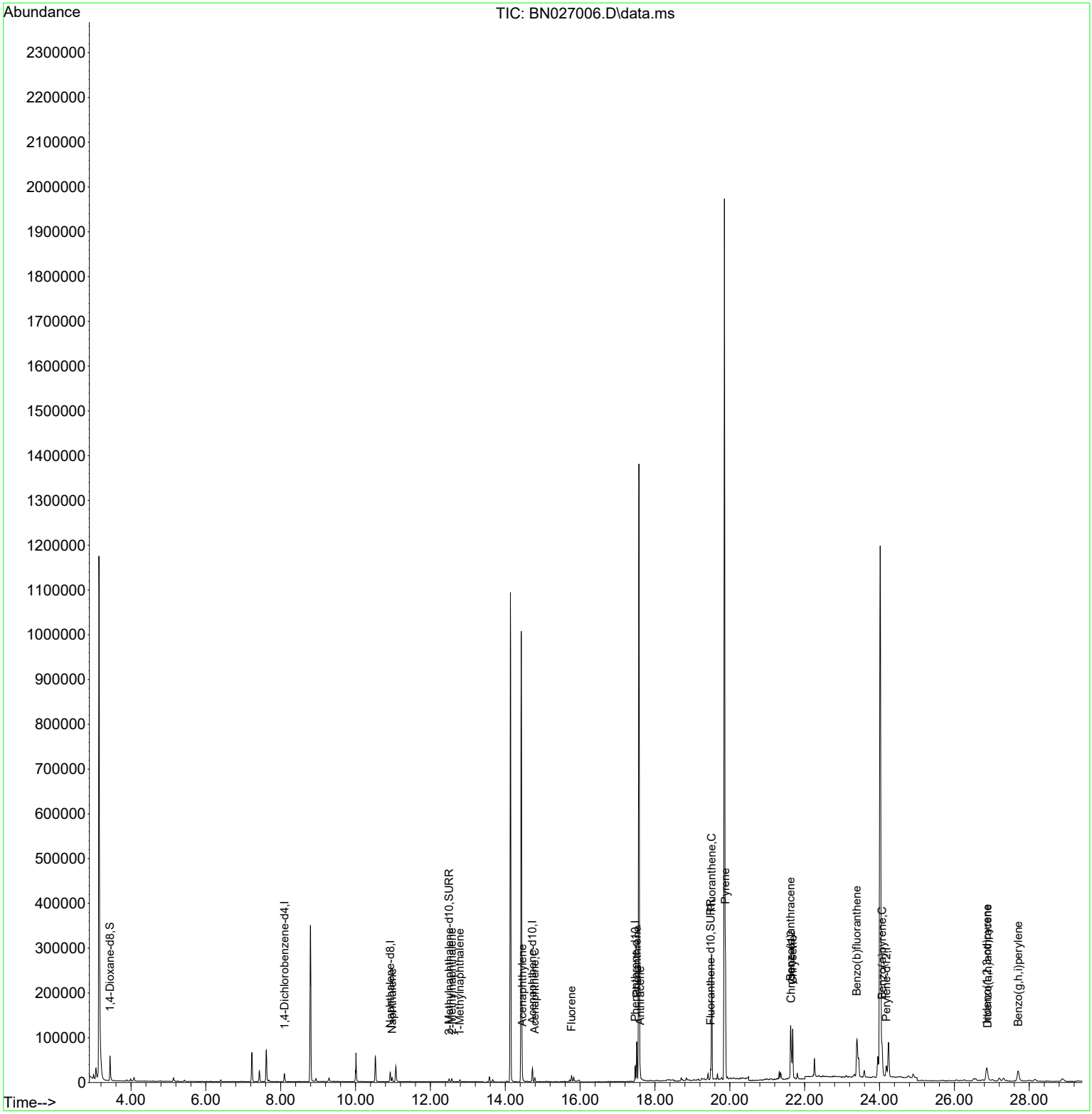
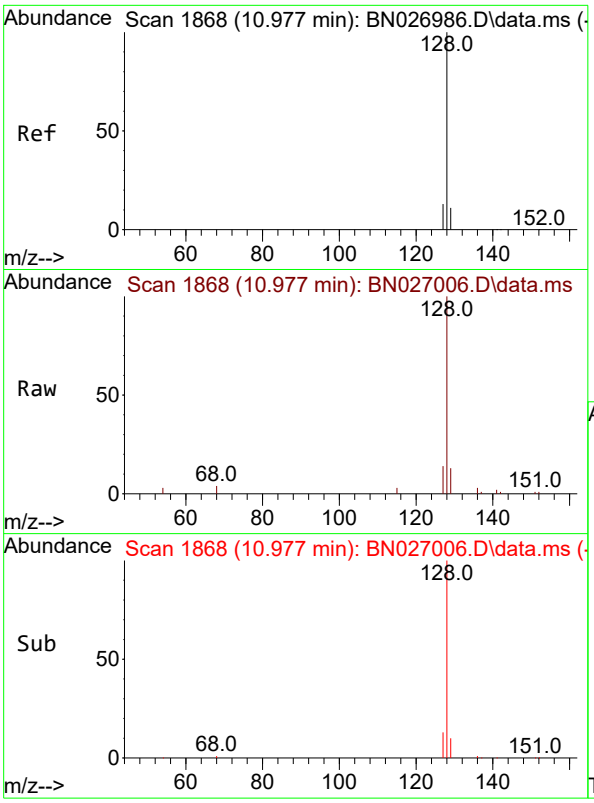
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration



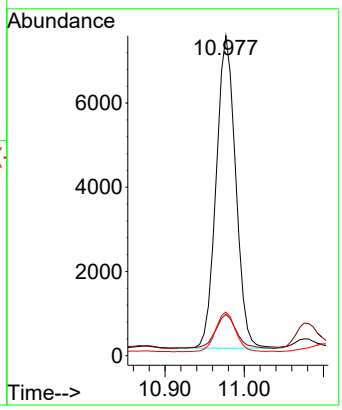


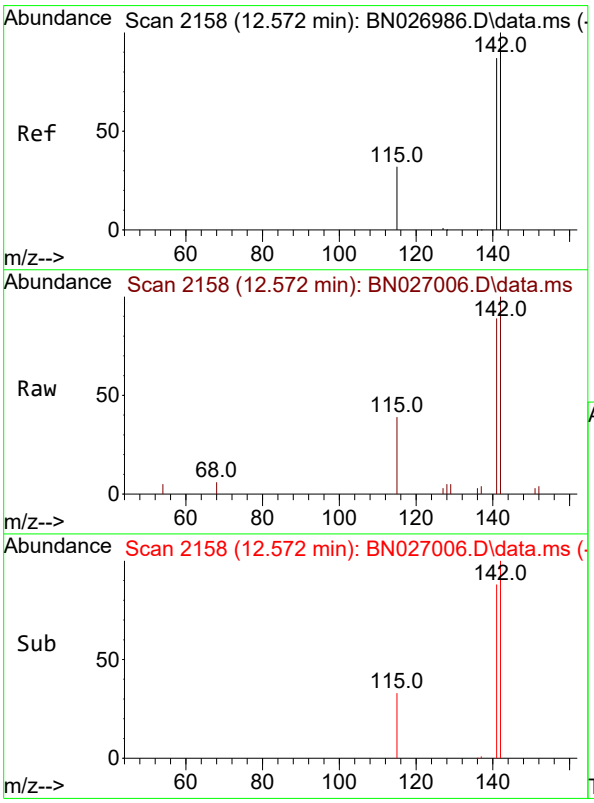
#5
Naphthalene
Concen: 0.152 ng/ul
RT: 10.977 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:128 Resp: 12645

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.2	13.8
127	13.6	10.5	15.7

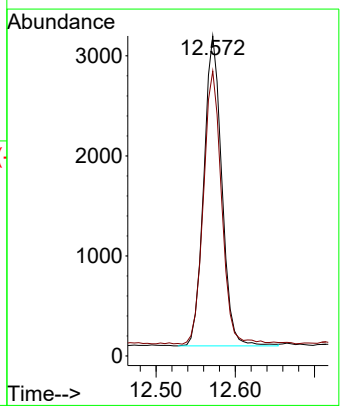


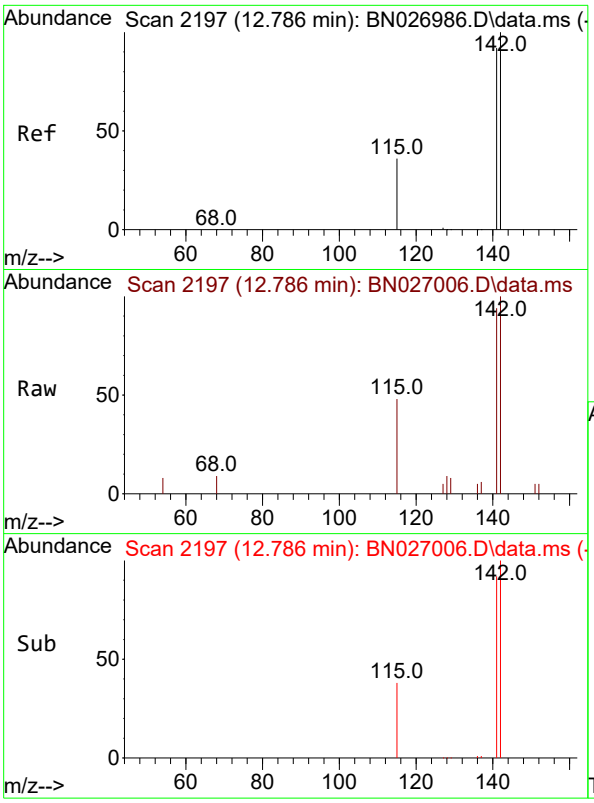


#7
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Tgt Ion:142 Resp: 4884

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3



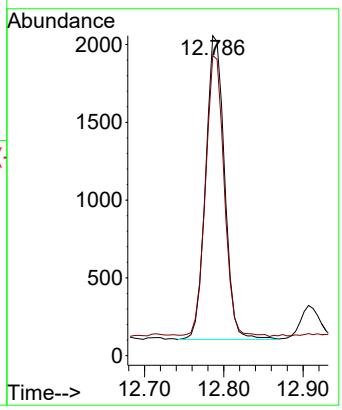


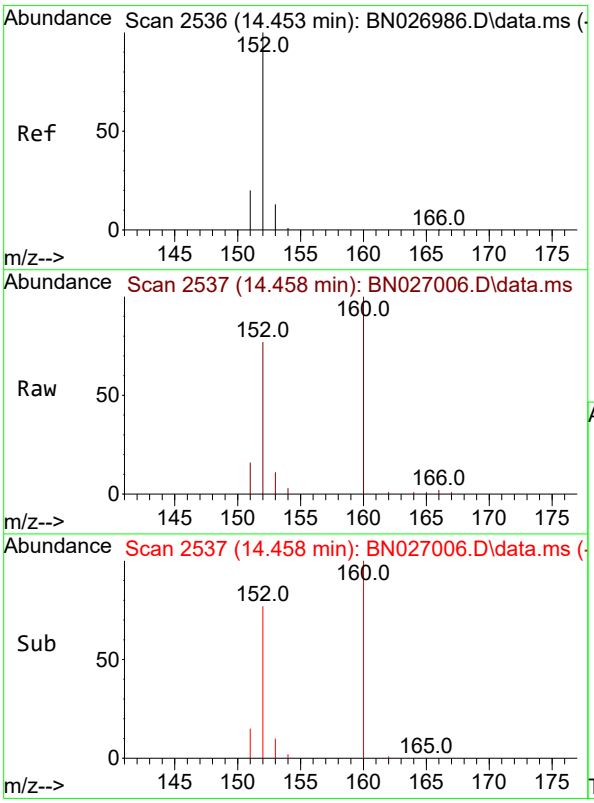
#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:142 Resp: 3229

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8

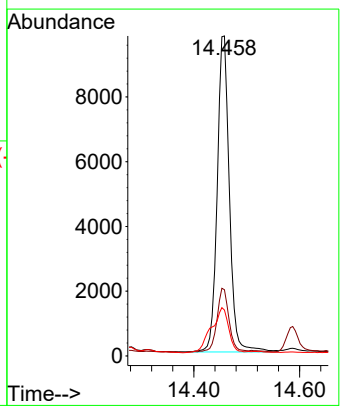


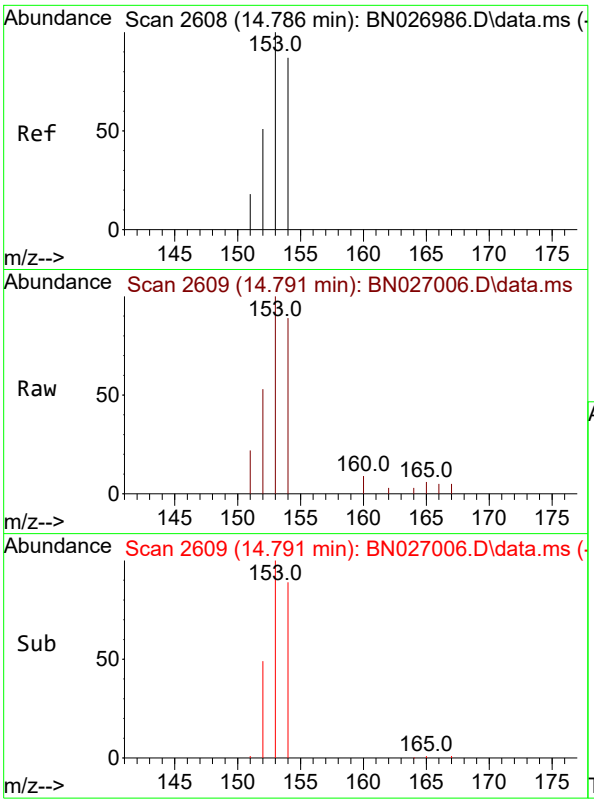


#10
Acenaphthylene
Concen: 0.162 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Tgt Ion:152 Resp: 15637

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	14.3	11.0	16.6



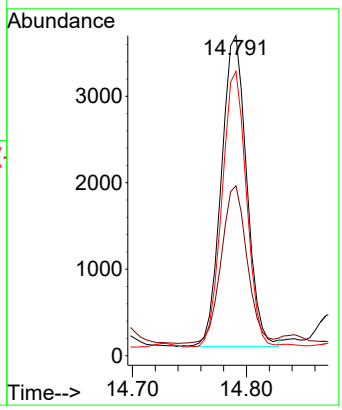


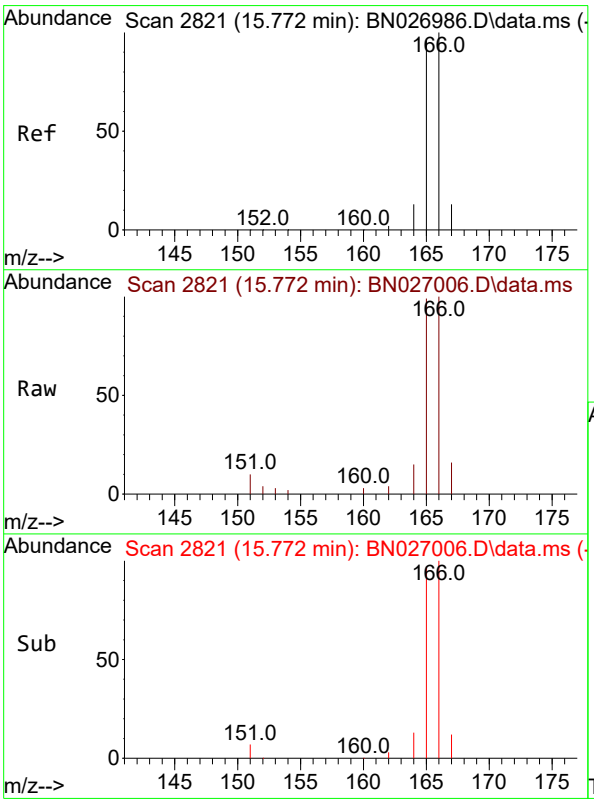
#11
Acenaphthene
Concen: 0.083 ng/ul
RT: 14.791 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:153 Resp: 5544

Ion	Ratio	Lower	Upper
153	100		
152	53.1	41.1	61.7
154	88.9	71.6	107.4

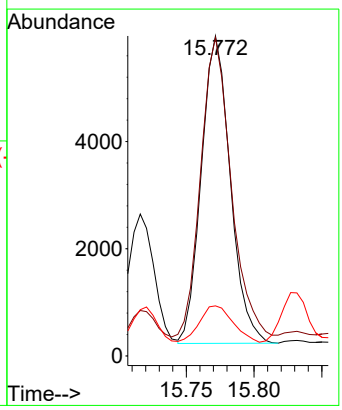


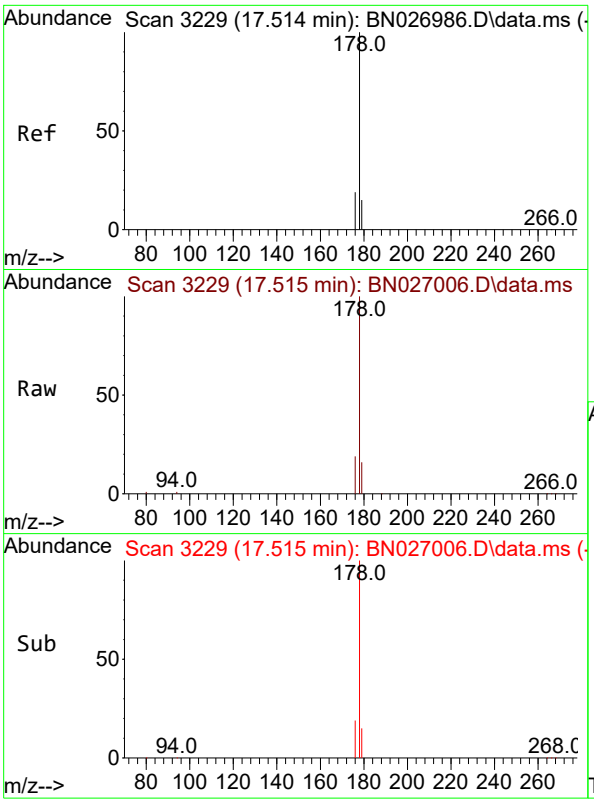


#12
Fluorene
Concen: 0.113 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Tgt Ion:166 Resp: 8543

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.1	118.7
167	15.7	11.4	17.0



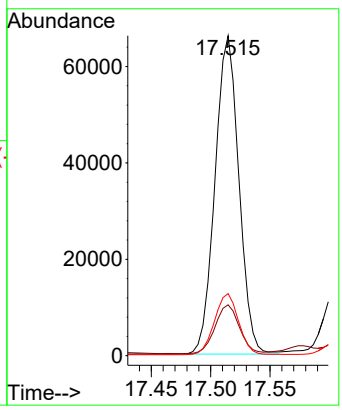


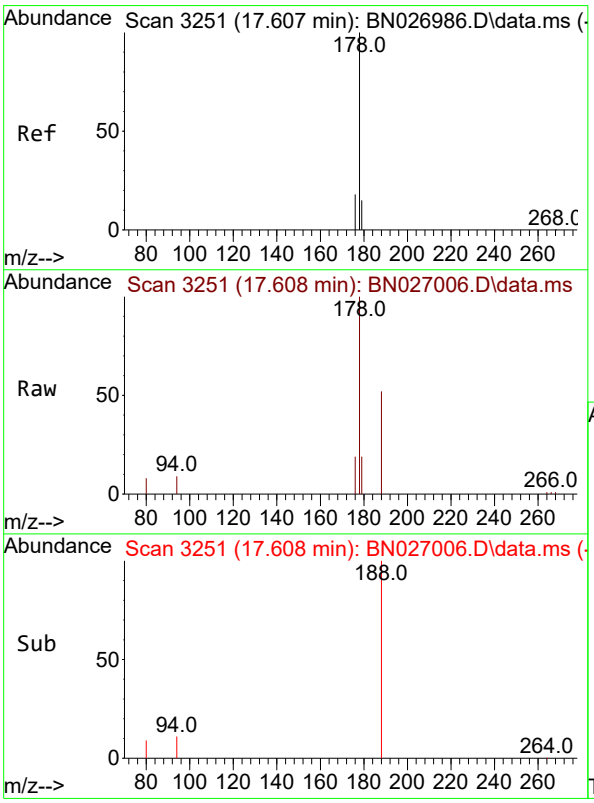
#15
Phenanthrene
Concen: 0.710 ng/ul
RT: 17.515 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:178 Resp: 92463

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.4	15.4	23.2

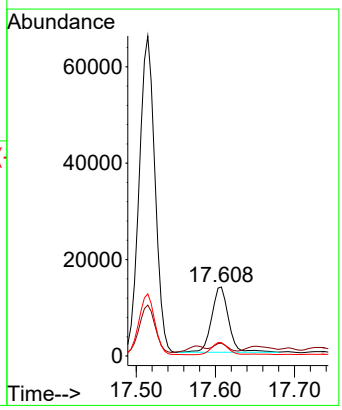


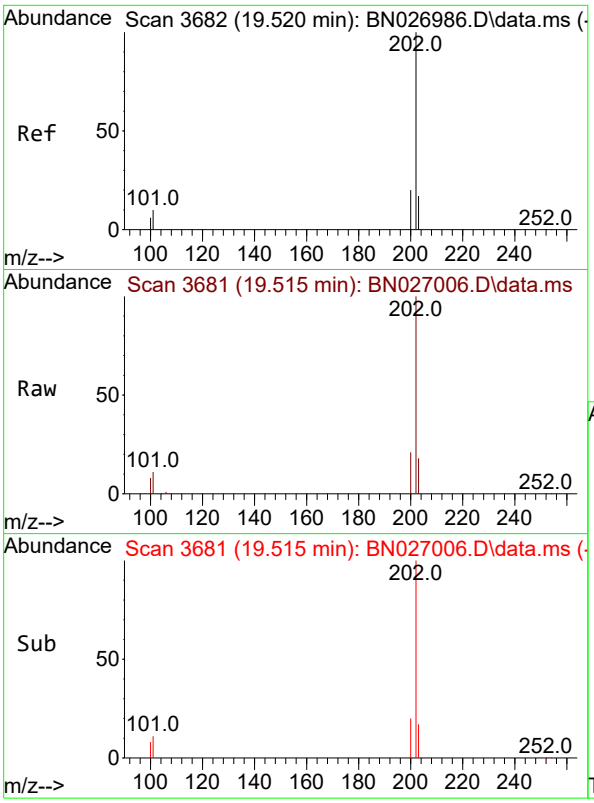


#16
Anthracene
Concen: 0.172 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Tgt Ion:178 Resp: 20192

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.6	19.0
176	19.4	15.0	22.6



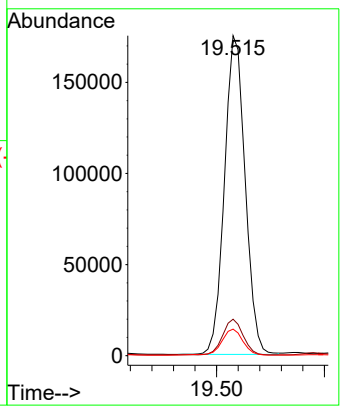


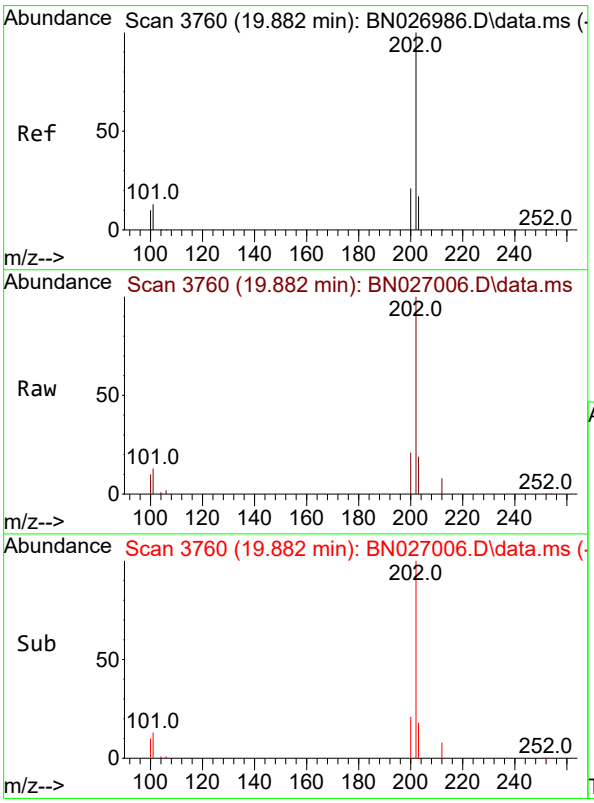
#19
Fluoranthene
Concen: 1.657 ng/ul
RT: 19.515 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:202 Resp: 233530

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.3	12.5
100	8.3	6.2	9.2

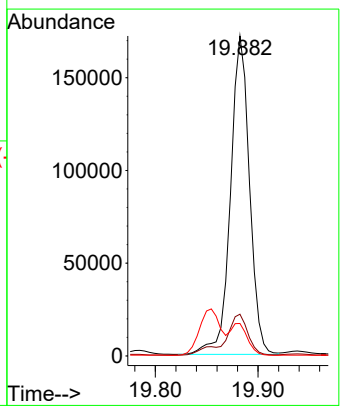


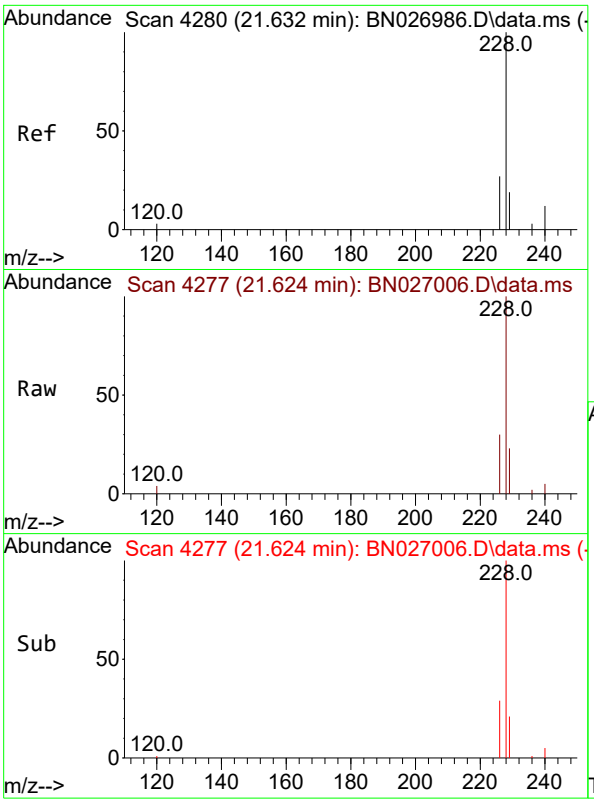


#20
Pyrene
Concen: 1.472 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Tgt Ion:202 Resp: 221324

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.7	16.1
100	10.1	8.5	12.7



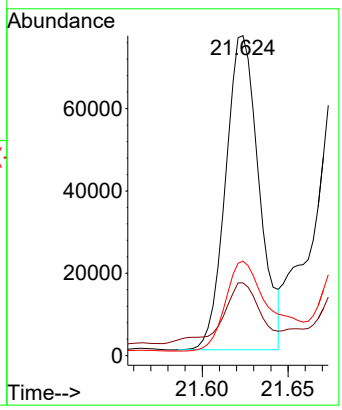


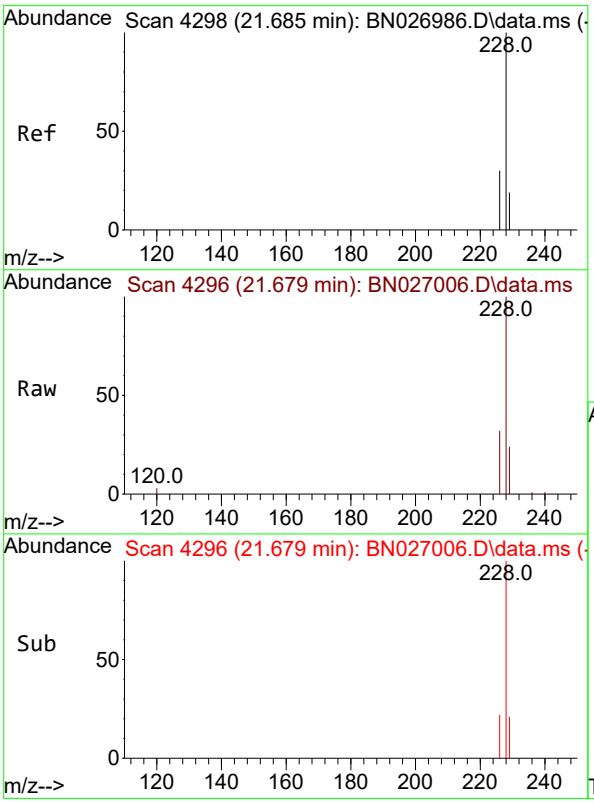
#21
Benzo(a)anthracene
Concen: 0.767 ng/ul
RT: 21.624 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:228 Resp: 103454

Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.0	24.0
226	29.5	22.2	33.2

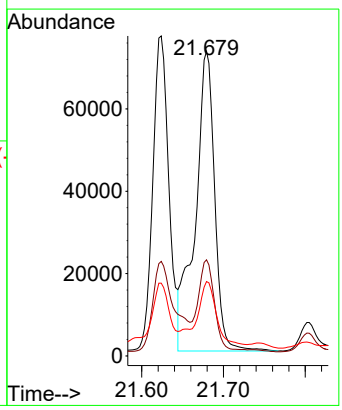


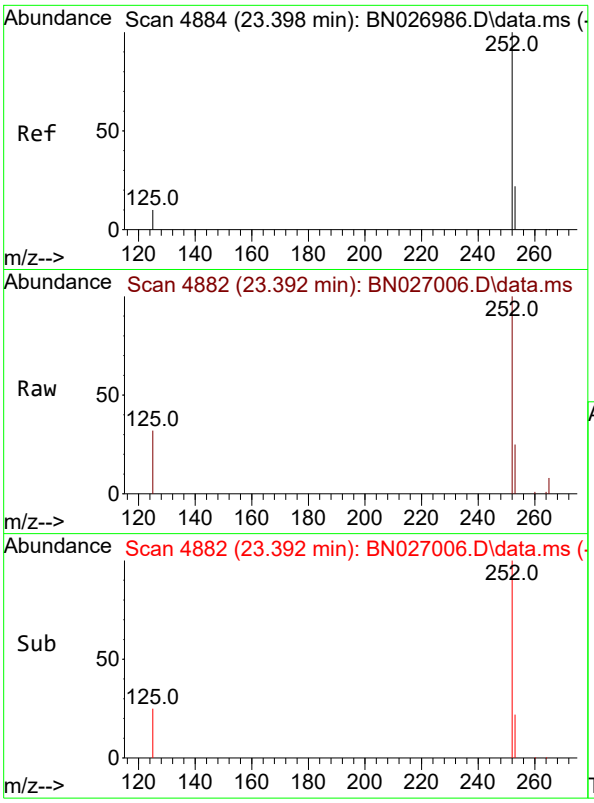


#22
Chrysene
Concen: 0.906 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. -0.012 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Tgt Ion:228 Resp: 120726

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	36.8
229	24.4	15.8	23.6#



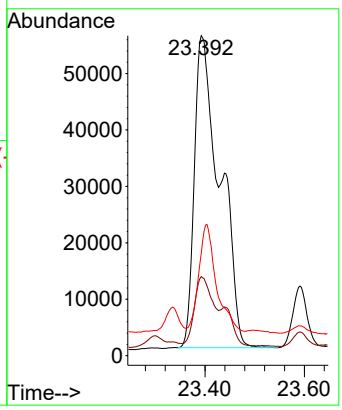


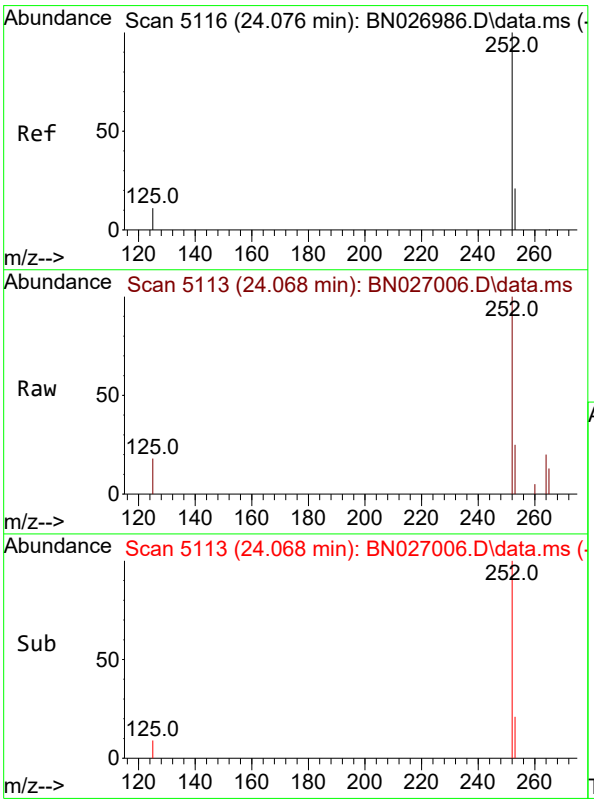
#24
Benzo(b)fluoranthene
Concen: 1.468 ng/ul
RT: 23.392 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:252 Resp: 197578

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	46.8
125	31.9	0.0	25.2#

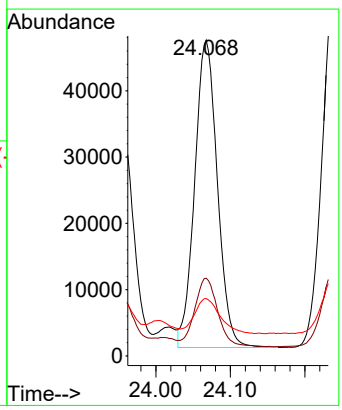


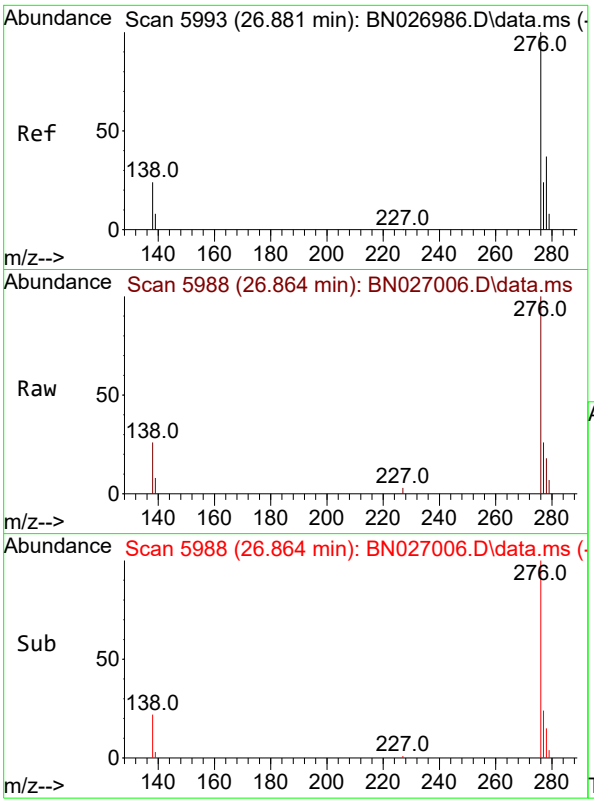


#26
Benzo(a)pyrene
Concen: 0.806 ng/ul
RT: 24.068 min Scan# 5113
Delta R.T. -0.018 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Tgt Ion:252 Resp: 97810

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.6
125	18.2	11.4	17.0#



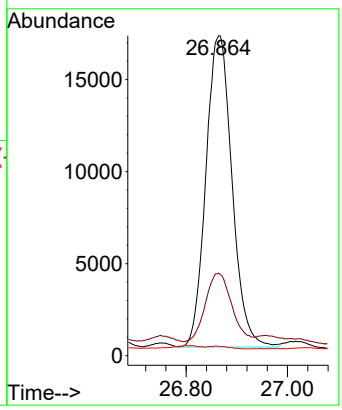


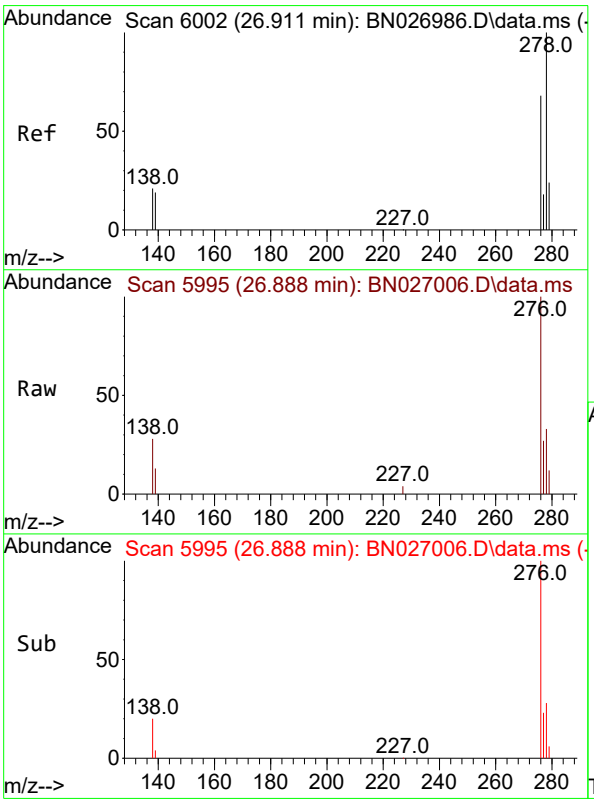
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 26.864 min Scan# 5
Delta R.T. -0.021 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:276 Resp: 60642

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.6	32.4
227	0.7	0.0	0.0#

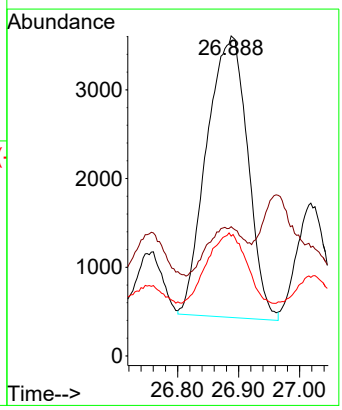


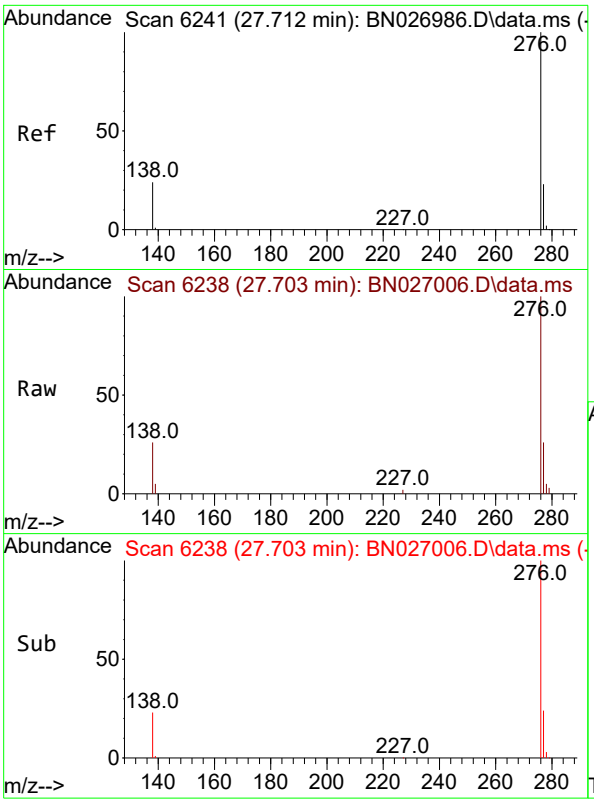


#28
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 26.888 min Scan# 5995
Delta R.T. -0.034 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Tgt Ion:278 Resp: 14815

Ion	Ratio	Lower	Upper
278	100		
139	40.4	15.7	23.5#
279	37.5	20.2	30.4#





#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 27.703 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:276 Resp: 57854

Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.3	28.9
277	25.7	19.8	29.8