Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025275.D
Acq On : 05 May 2023 11:55
Operator : CG/JU
Sample : 02447-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW913DL

Quant Time: May 06 04:06:26 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 : Fri May 05 11:29:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	9294	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	30097	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.555	164	17765	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	38331	0.400	ng/ul	0.00
17) Chrysene-d12	21.507	240	22148	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	26422	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	2884	0.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	993	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	2113	0.036	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.768	128	49766	0.645	ng/ul	100
7) 2-Methylnaphthalene	12.380	142	32800	0.694	ng/ul	99
8) 1-Methylnaphthalene	12.600	142	34805	0.691	ng/ul	100
10) Acenaphthylene	14.278	152	99145	1.498	ng/ul	99
11) Acenaphthene	14.620	153	173491	3.110	ng/ul	97
12) Fluorene	15.606	166	218192	3.499	ng/ul	100
14) Pentachlorophenol	16.962	266	168	0.022	ng/ul	91
15) Phenanthrene	17.350	178	4125531	38.131	ng/ul	100
16) Anthracene	17.439	178	1105983	12.495	ng/ul	99
19) Fluoranthene	19.376	202	7126461	88.979	ng/ul	98
20) Pyrene	19.739	202	6347639	77.138	ng/ul	97
21) Benzo(a)anthracene	21.490	228	2766441	41.451	ng/ul	98
22) Chrysene	21.545	228	2670950	36.686	ng/ul	97
24) Benzo(b)fluoranthene	23.200	252	4139540	38.616	ng/ul	95
26) Benzo(a)pyrene	23.828	252	2221386	25.046	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.459	276	1514395	14.819	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.466	278	382342	4.790	ng/ul	98
29) Benzo(g,h,i)perylene	27.240	276	1366947	15.731	ng/ul	99

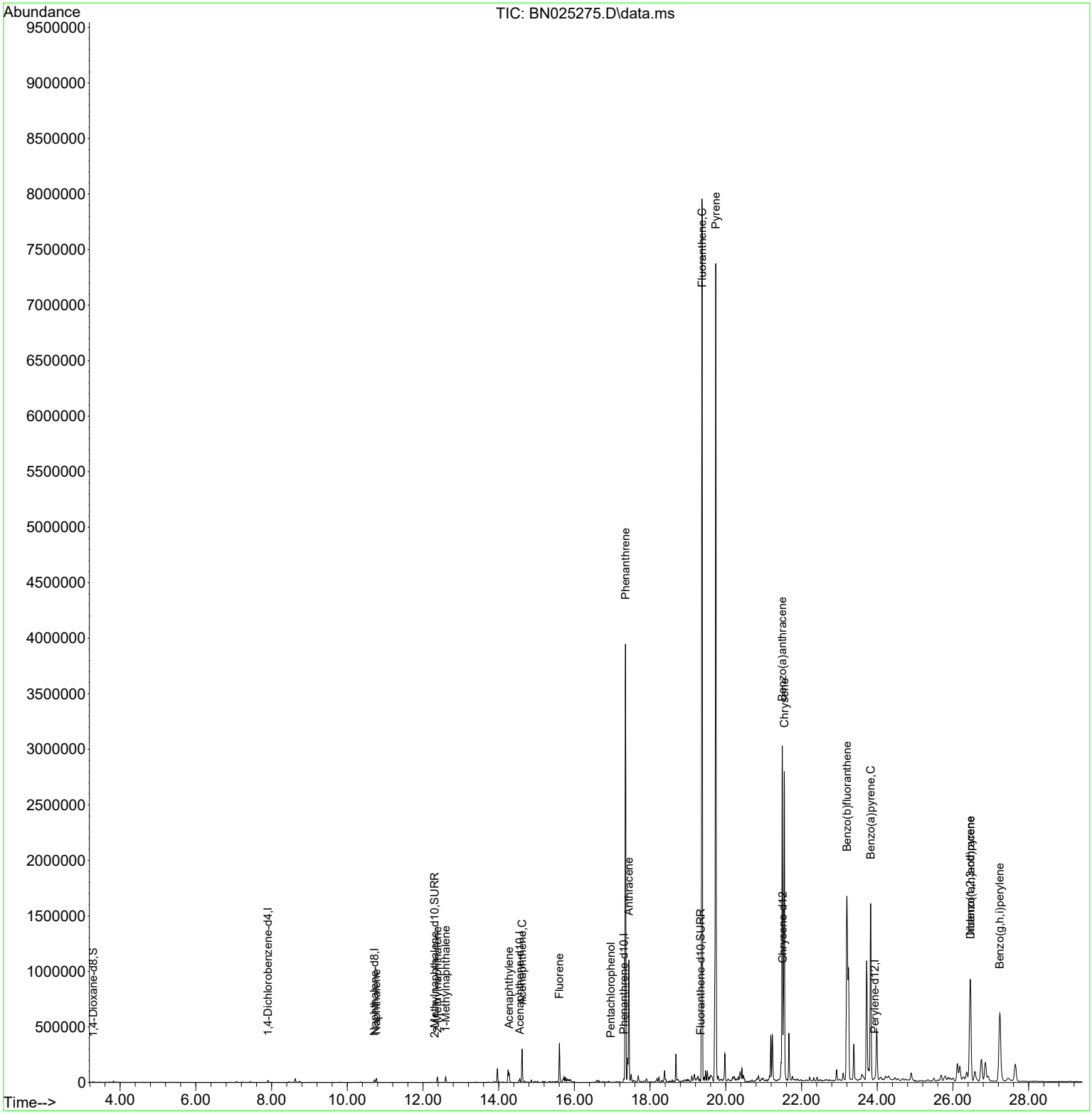
(#) = qualifier out of range (m) = manual integration (+) = signals summed

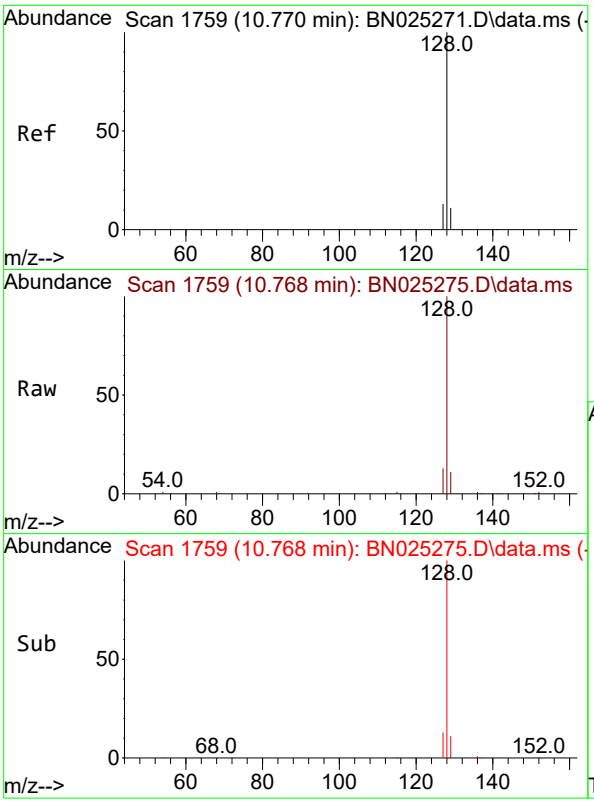
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025275.D
Acq On : 05 May 2023 11:55
Operator : CG/JU
Sample : 02447-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW913DL

Quant Time: May 06 04:06:26 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 : Fri May 05 11:29:16 2023
Response via : Initial Calibration



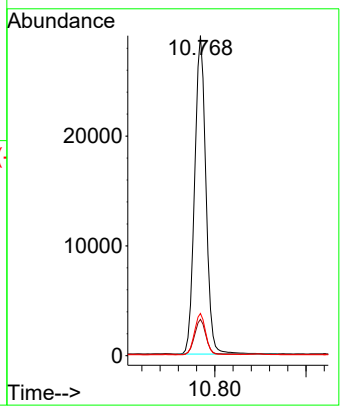


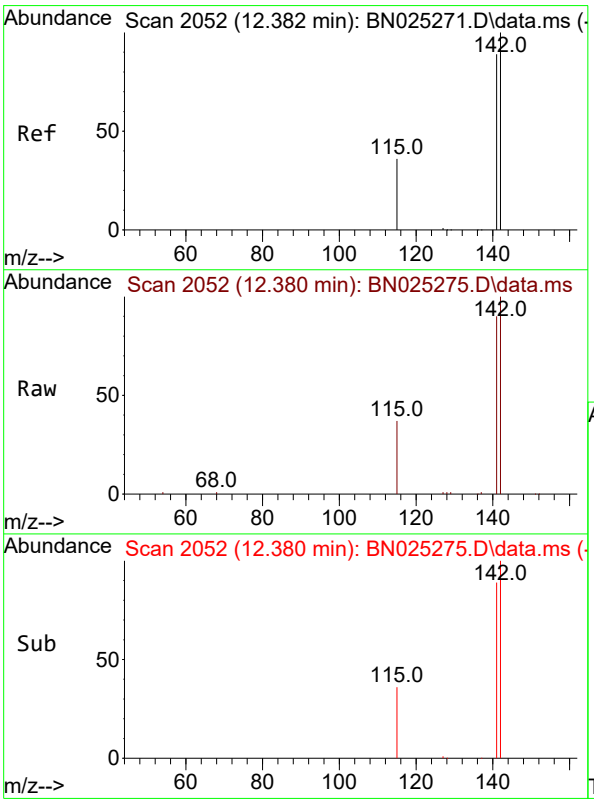
#5
Naphthalene
Concen: 0.645 ng/ul
RT: 10.768 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:128 Resp: 49766

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.2	10.7	16.1

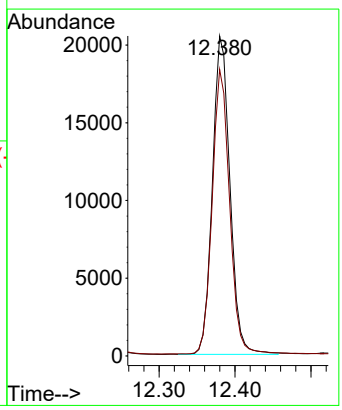


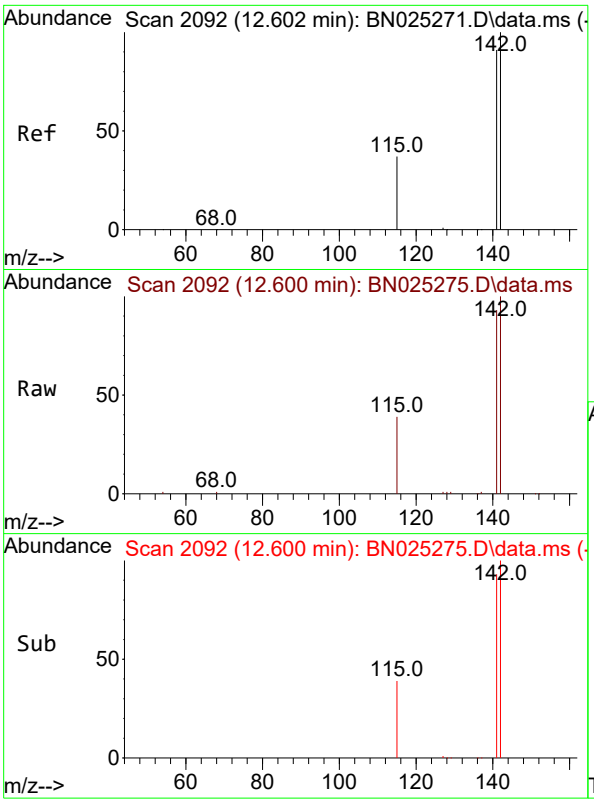


#7
2-Methylnaphthalene
Concen: 0.694 ng/ul
RT: 12.380 min Scan# 2052
Delta R.T. -0.002 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:142 Resp: 32800

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.0



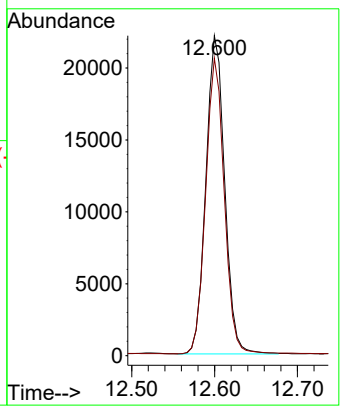


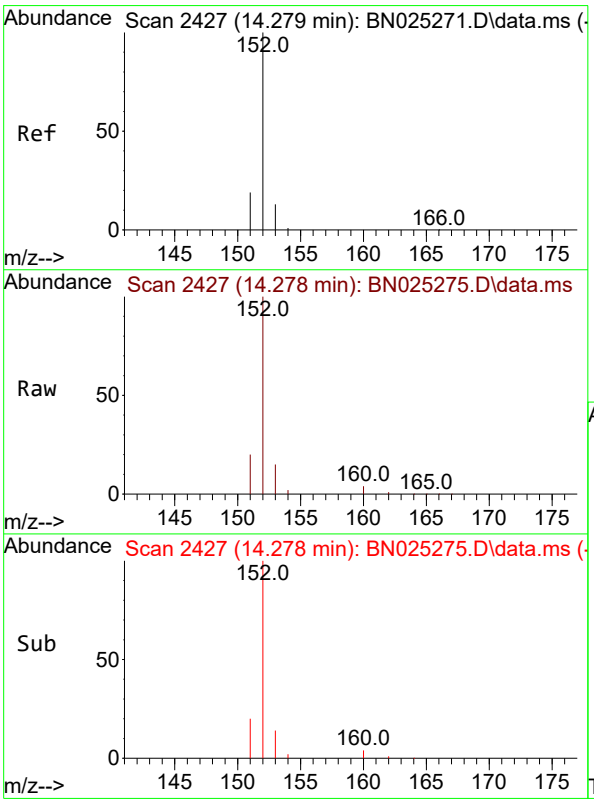
#8
1-Methylnaphthalene
Concen: 0.691 ng/ul
RT: 12.600 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:142 Resp: 34805

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.6

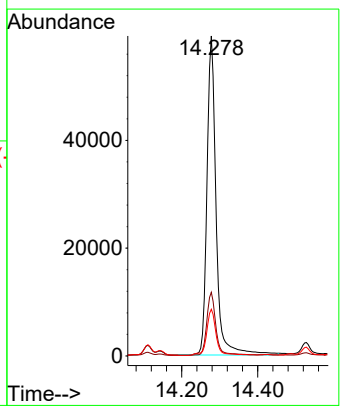


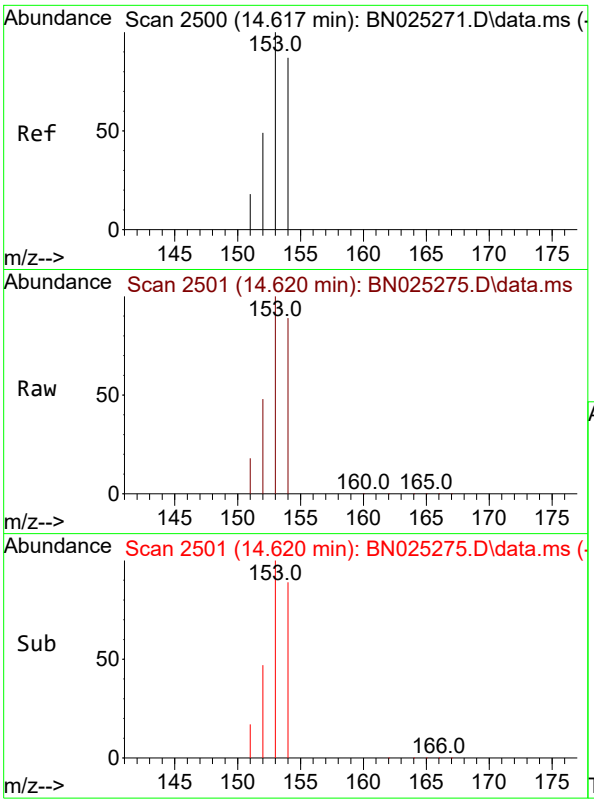


#10
Acenaphthylene
Concen: 1.498 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:152 Resp: 99145

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	14.6	10.8	16.2



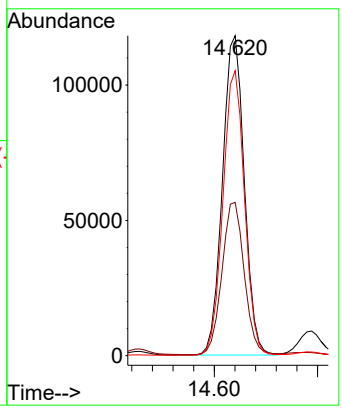


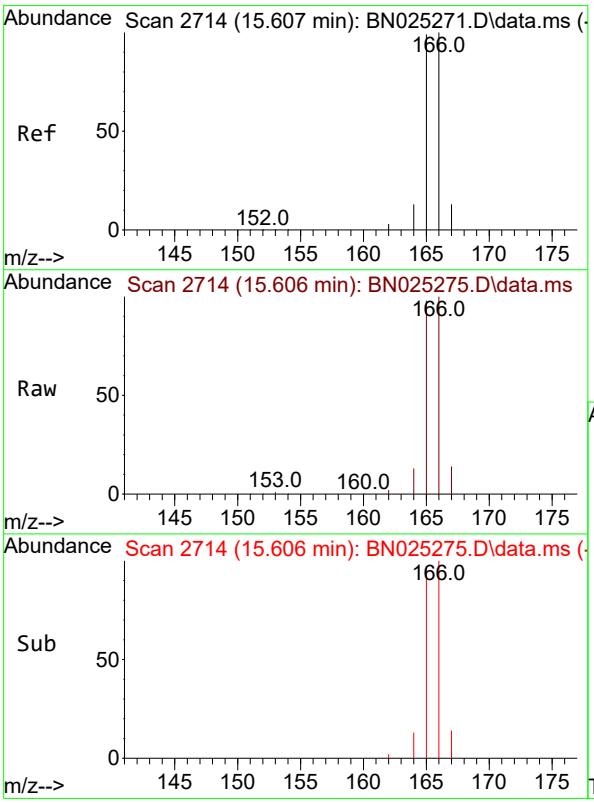
#11
Acenaphthene
Concen: 3.110 ng/ul
RT: 14.620 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:153 Resp: 173491

Ion	Ratio	Lower	Upper
153	100		
152	47.9	40.2	60.4
154	89.0	69.4	104.2

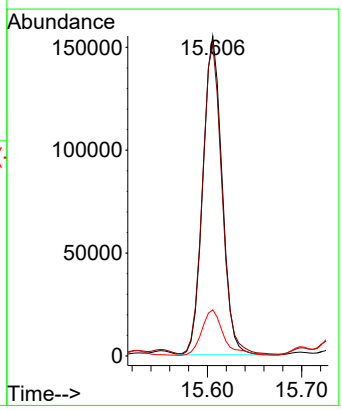


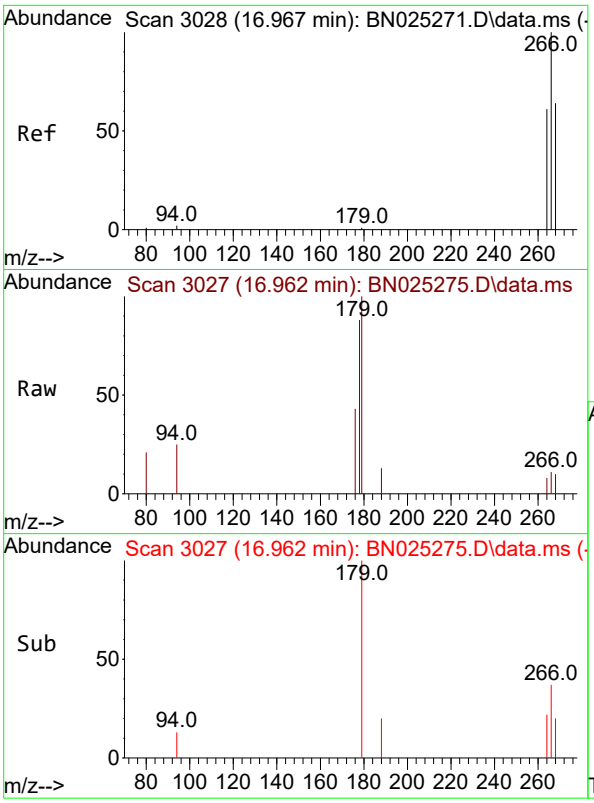


#12
Fluorene
Concen: 3.499 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.001 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:166 Resp: 218192

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.1	117.1
167	14.4	11.0	16.6



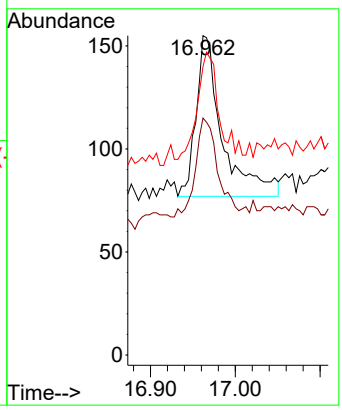


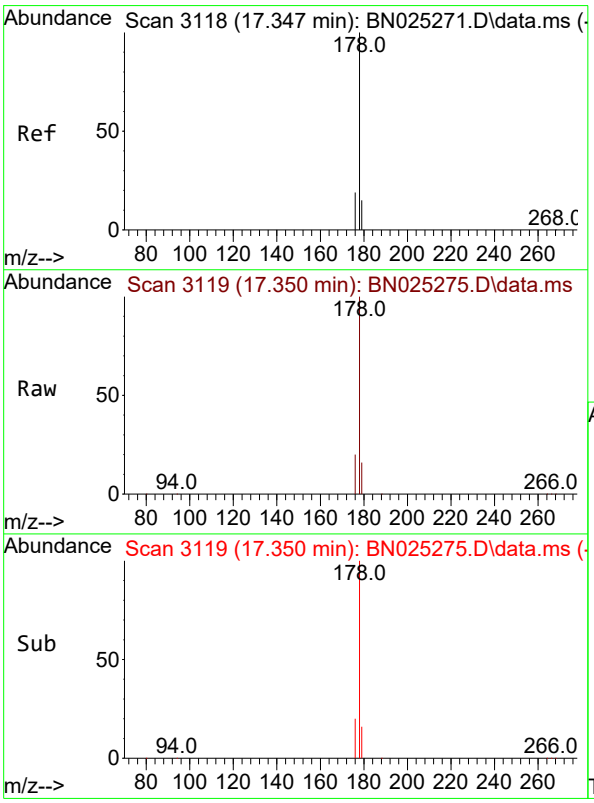
#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 16.962 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:266 Resp: 168

Ion	Ratio	Lower	Upper
266	100		
264	58.3	49.6	74.4
268	54.2	51.3	76.9

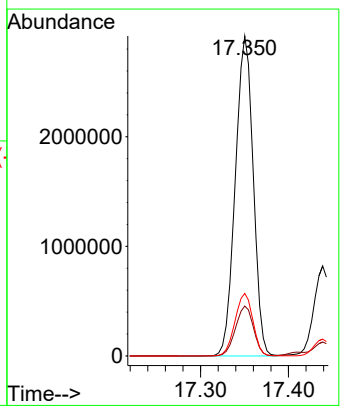


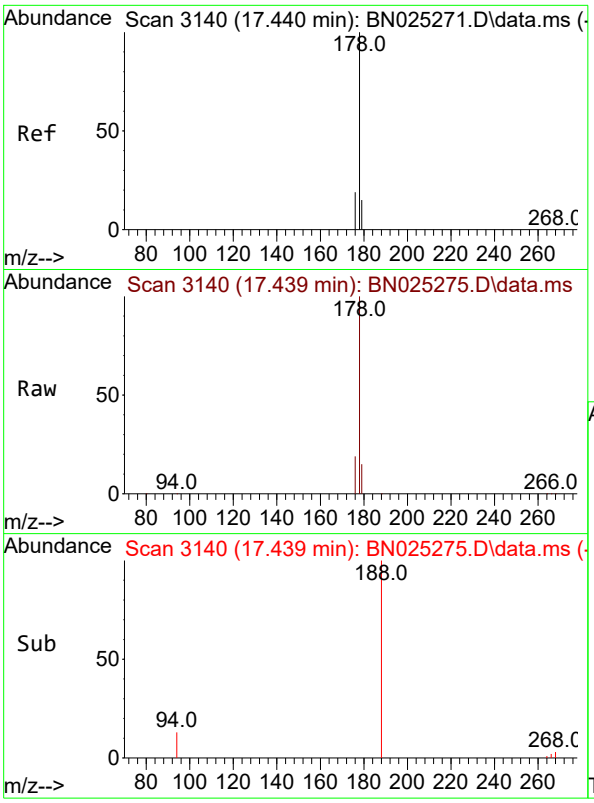


#15
Phenanthrene
Concen: 38.131 ng/ul
RT: 17.350 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:178 Resp: 4125531

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.5	15.6	23.4



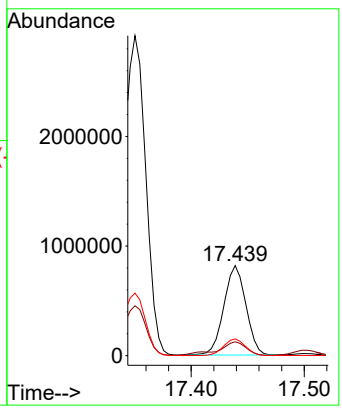


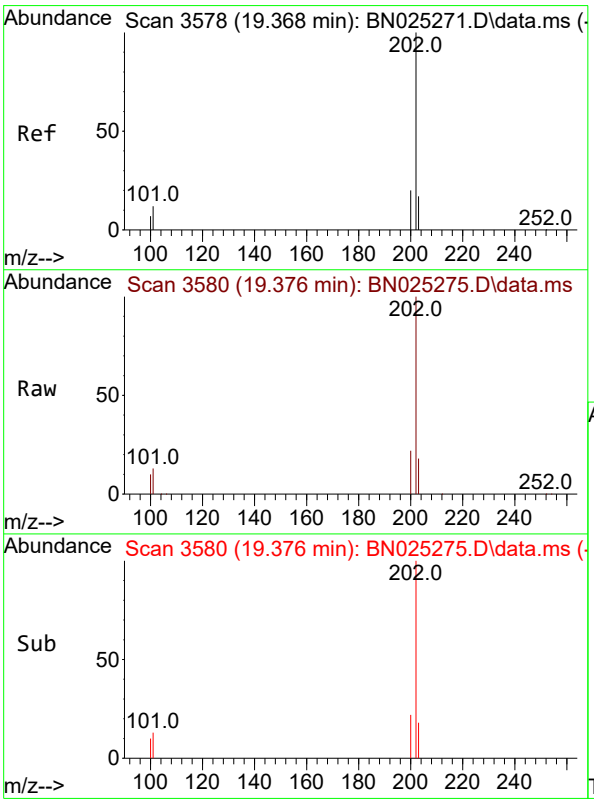
#16
Anthracene
Concen: 12.495 ng/ul
RT: 17.439 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:178 Resp: 1105983

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	18.7	15.3	22.9

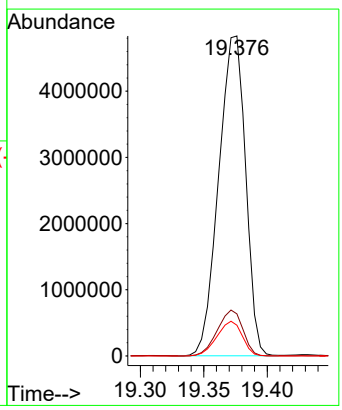


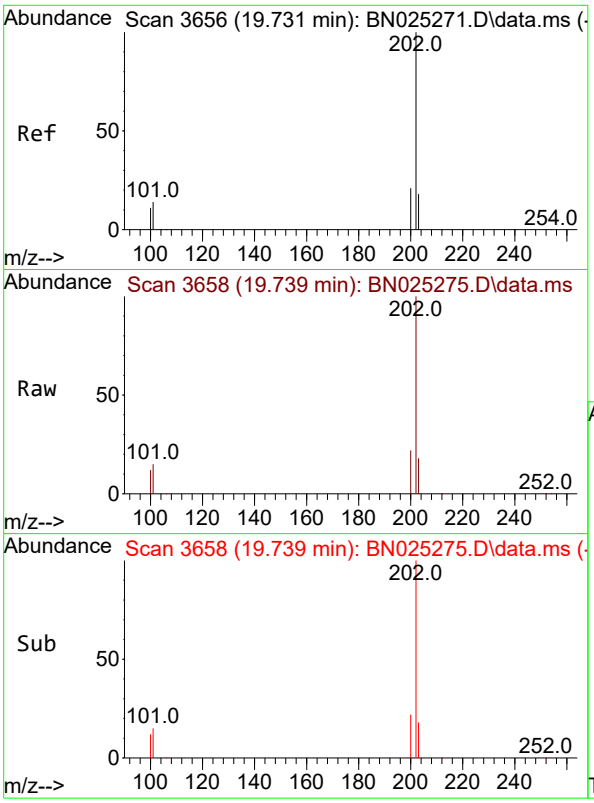


#19
Fluoranthene
Concen: 88.979 ng/ul
RT: 19.376 min Scan# 3580
Delta R.T. 0.008 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:202 Resp: 7126461

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.7	14.5
100	9.6	7.3	10.9



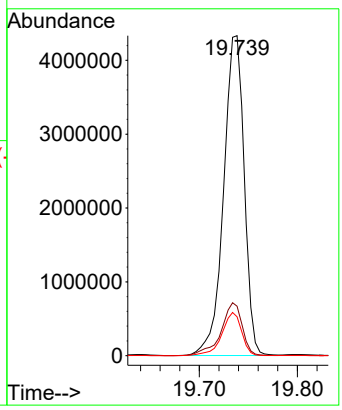


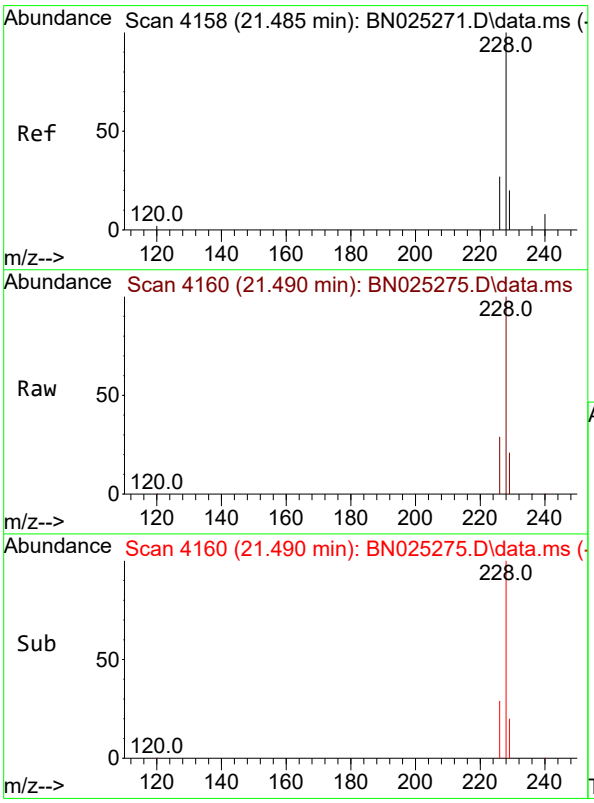
#20
Pyrene
Concen: 77.138 ng/ul
RT: 19.739 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:202 Resp: 6347639

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.3	16.9
100	12.1	9.2	13.8

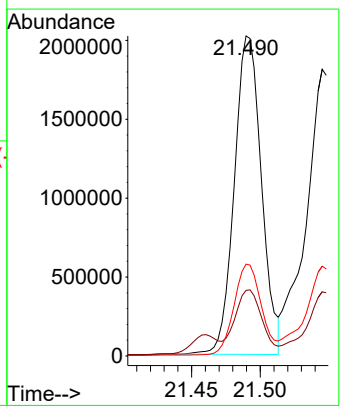


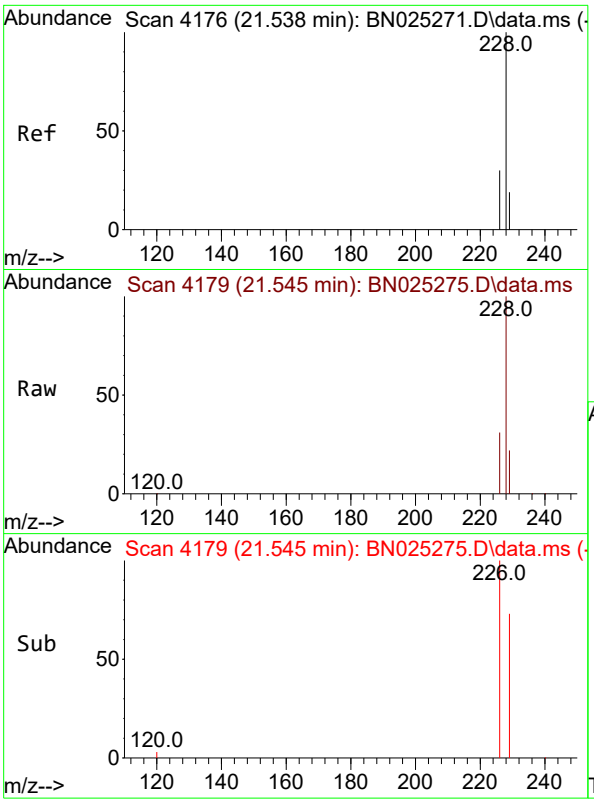


#21
Benzo(a)anthracene
Concen: 41.451 ng/ul
RT: 21.490 min Scan# 4160
Delta R.T. 0.005 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:228 Resp: 2766441

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	28.7	22.1	33.1



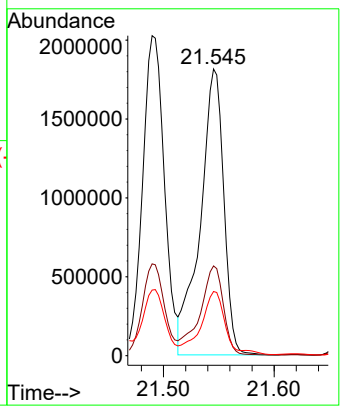


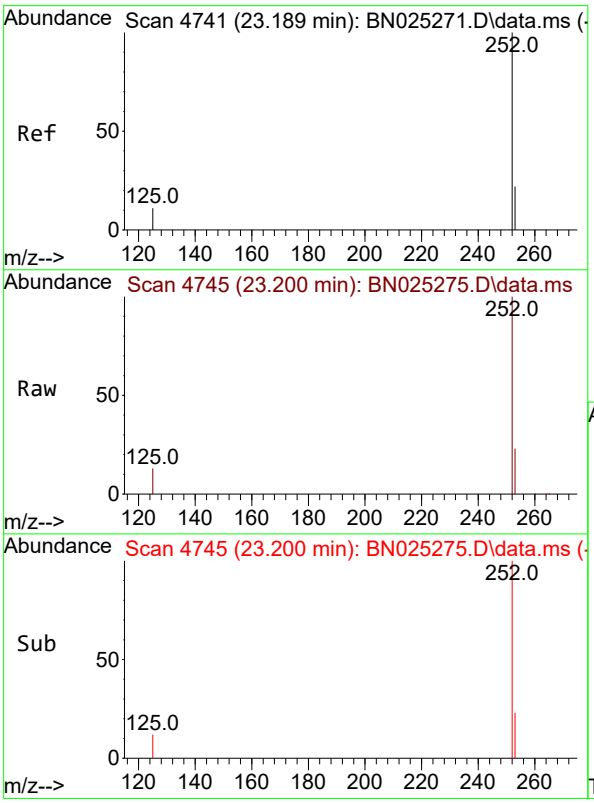
#22
Chrysene
Concen: 36.686 ng/ul
RT: 21.545 min Scan# 4
Delta R.T. 0.007 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:228 Resp: 2670950

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.5	36.7
229	22.4	15.8	23.6

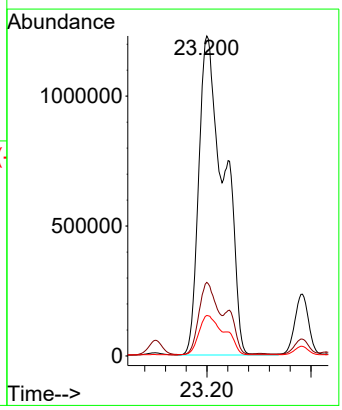


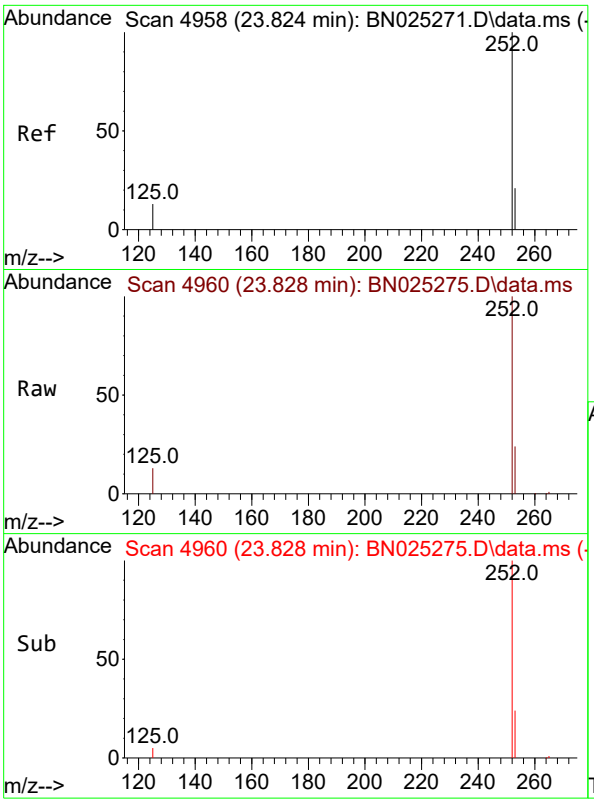


#24
Benzo(b)fluoranthene
Concen: 38.616 ng/ul
RT: 23.200 min Scan# 4745
Delta R.T. 0.010 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:252 Resp: 4139540

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	50.2
125	12.7	0.0	30.4



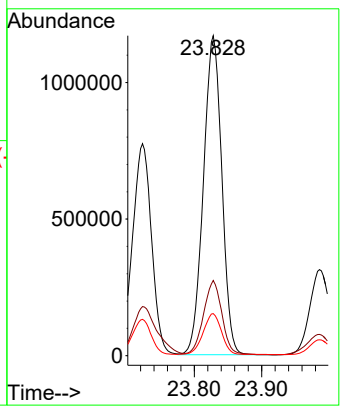


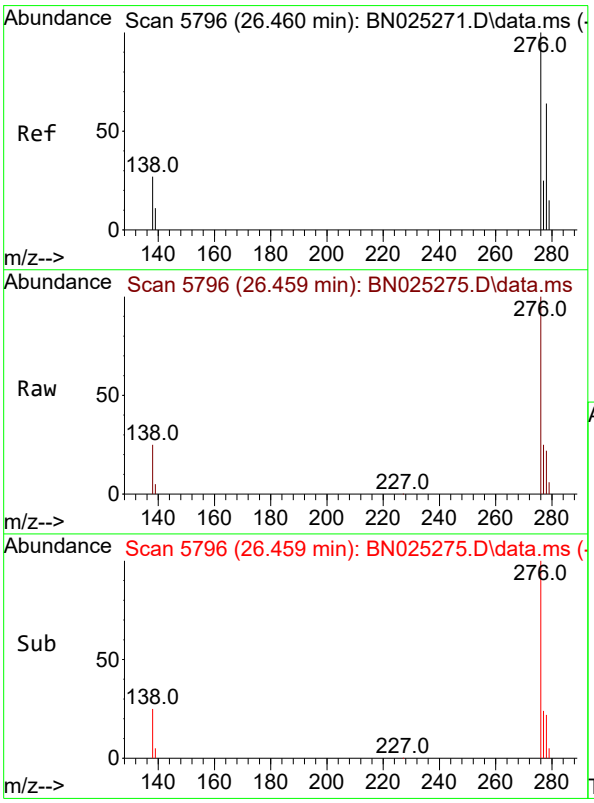
#26
Benzo(a)pyrene
Concen: 25.046 ng/ul
RT: 23.828 min Scan# 4
Delta R.T. 0.005 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:252 Resp: 2221386

Ion	Ratio	Lower	Upper
252	100		
253	23.5	21.4	32.2
125	13.1	14.6	22.0#

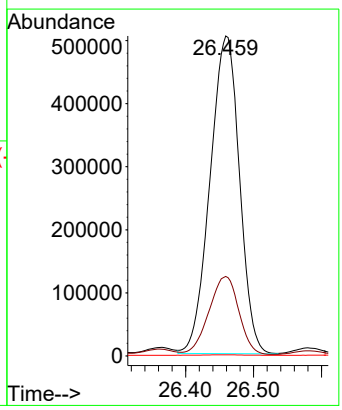


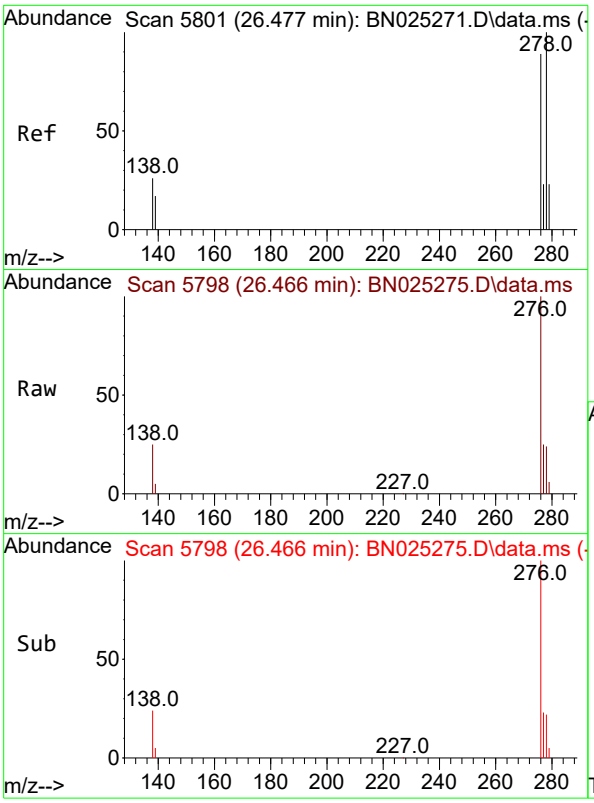


#27
Indeno(1,2,3-cd)pyrene
Concen: 14.819 ng/ul
RT: 26.459 min Scan# 5796
Delta R.T. -0.001 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:276 Resp: 1514395

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.9	32.9
227	0.2	0.1	0.1#



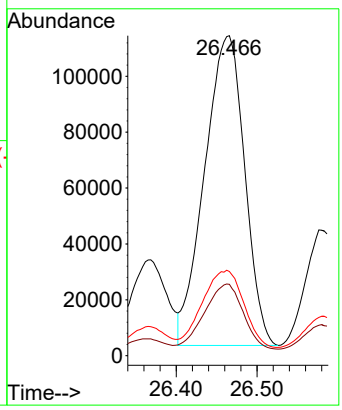


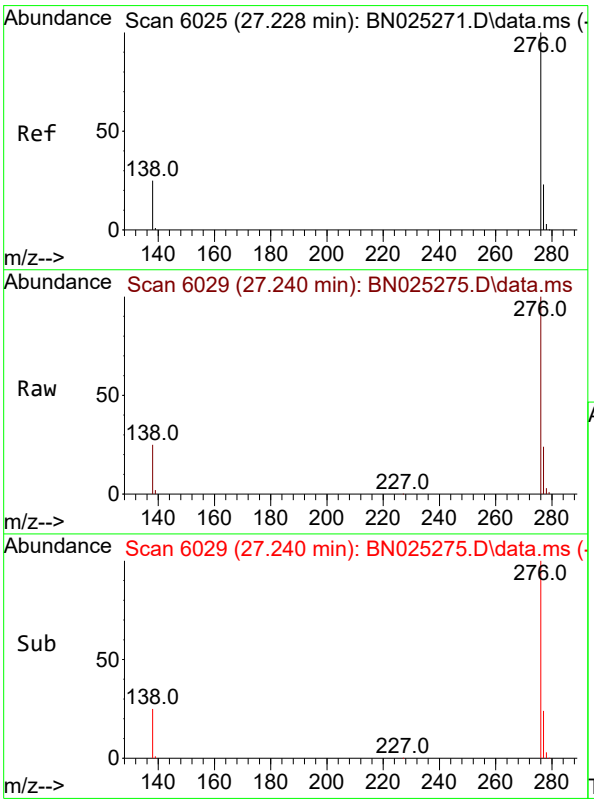
#28
Dibenzo(a,h)anthracene
Concen: 4.790 ng/ul
RT: 26.466 min Scan# 5
Delta R.T. -0.011 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:278 Resp: 382342

Ion	Ratio	Lower	Upper
278	100		
139	22.3	17.0	25.6
279	26.3	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 15.731 ng/ul
RT: 27.240 min Scan# 6029
Delta R.T. 0.012 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:276 Resp: 1366947

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.3	30.5
277	24.1	19.8	29.6