Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025242.D
Acq On : 03 May 2023 16:43
Operator : CG/JU
Sample : 02447-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW907

Quant Time: May 04 04:29:57 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 03 15:28:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8608	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	28601	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	18874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	37933	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.514	240	28718	0.400	ng/ul	# 0.00
23) Perylene-d12	23.964	264	25835	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	20450	2.294	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	6745	0.184	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	16476	0.218	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.776	128	11627	0.159	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	5590	0.125	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	4348	0.091	ng/ul	99
10) Acenaphthylene	14.283	152	20699	0.294	ng/ul#	89
11) Acenaphthene	14.626	153	9289	0.157	ng/ul	97
12) Fluorene	15.611	166	15309	0.231	ng/ul#	82
15) Phenanthrene	17.355	178	328139	3.065	ng/ul	96
16) Anthracene	17.448	178	77268	0.882	ng/ul#	81
19) Fluoranthene	19.377	202	782551	7.535	ng/ul	98
20) Pyrene	19.740	202	646063	6.055	ng/ul	97
21) Benzo(a)anthracene	21.497	228	324650	3.752	ng/ul#	93
22) Chrysene	21.552	228	332147	3.518	ng/ul#	93
24) Benzo(b)fluoranthene	23.218	252	536863	5.122	ng/ul#	81
26) Benzo(a)pyrene	23.858	252	254999	2.940	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.514	276	166957	1.671	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.520	278	40074	0.513	ng/ul#	58
29) Benzo(g,h,i)perylene	27.305	276	166779	1.963	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
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Acq On : 03 May 2023 16:43
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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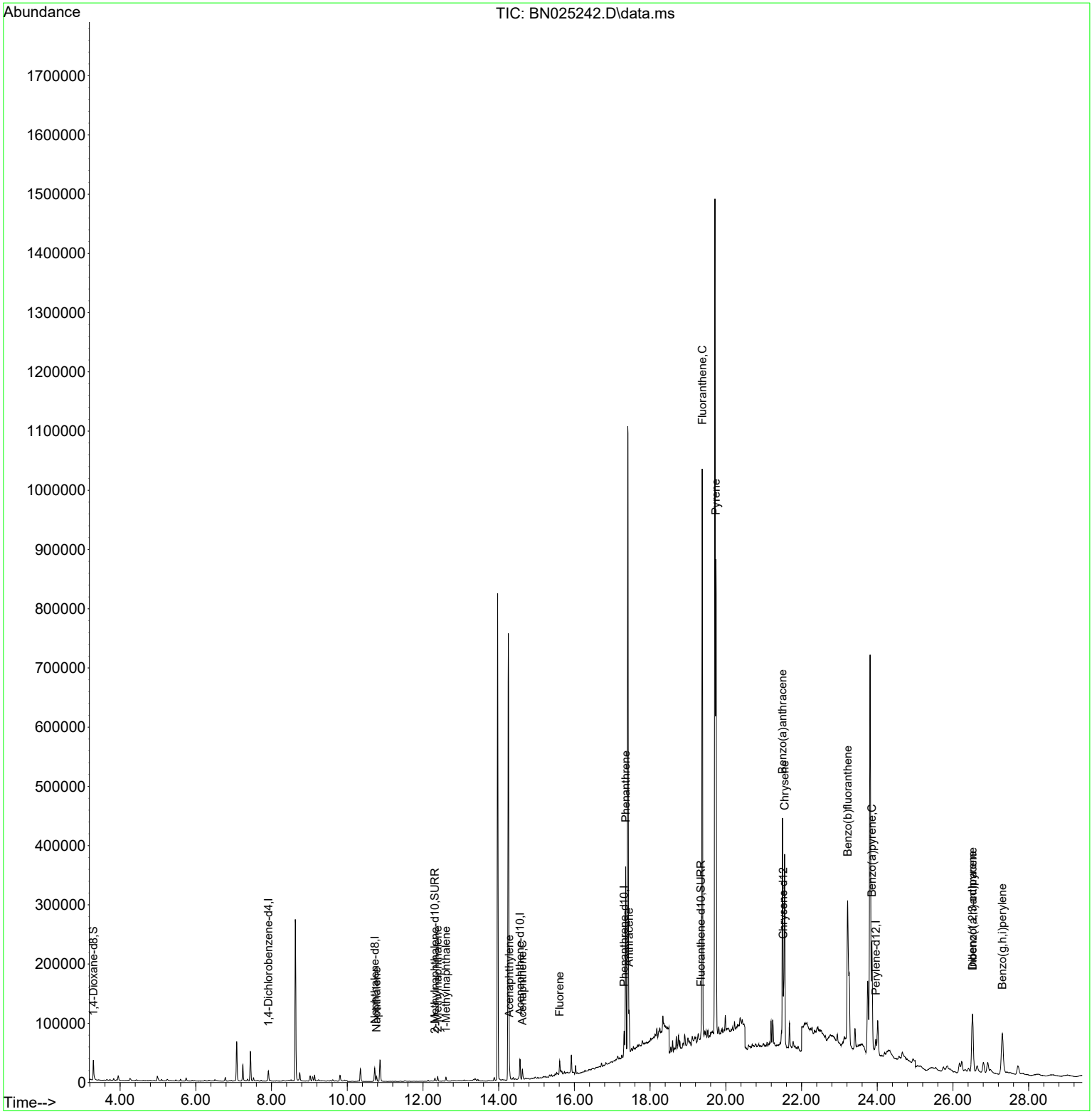
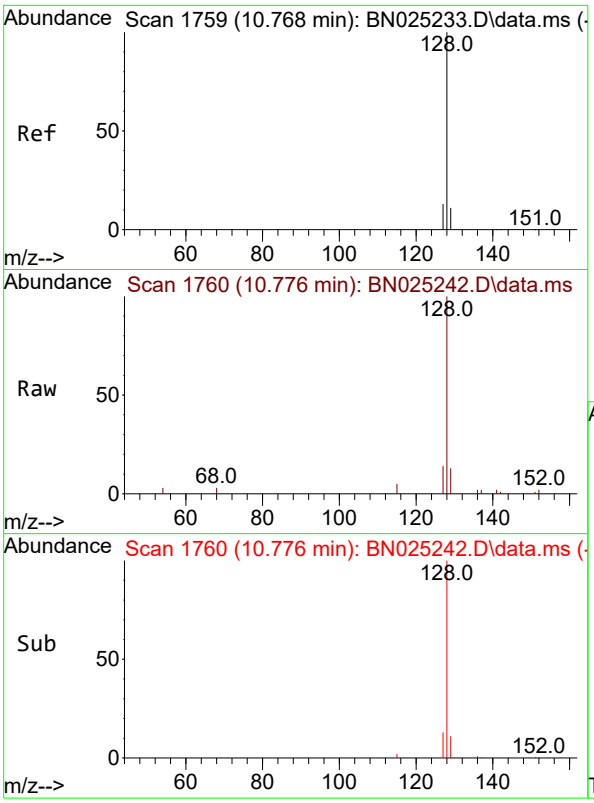


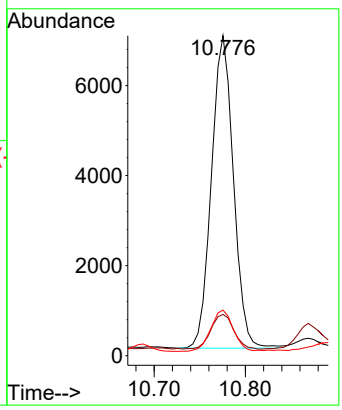


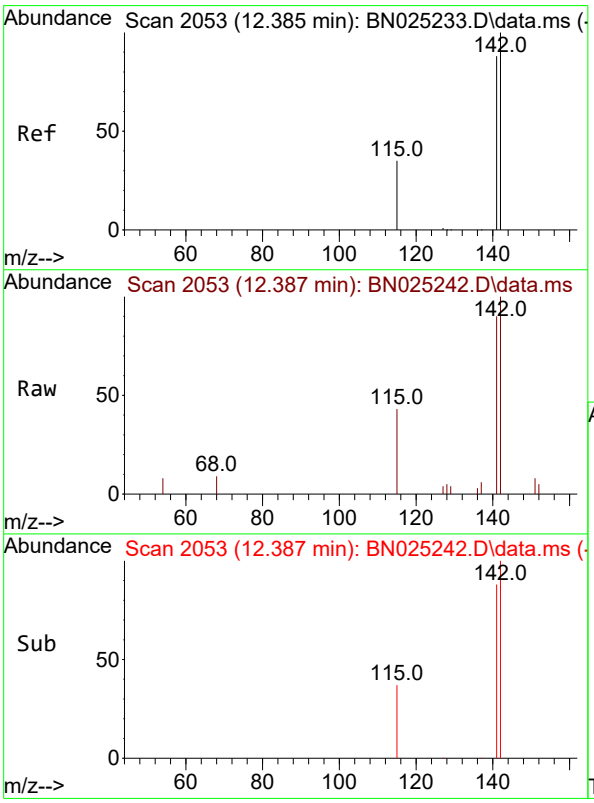
#5
Naphthalene
Concen: 0.159 ng/ul
RT: 10.776 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Instrument :
BNA_N
ClientSampleId :
EW907

Tgt Ion:128 Resp: 11627

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.6
127	14.2	10.7	16.1

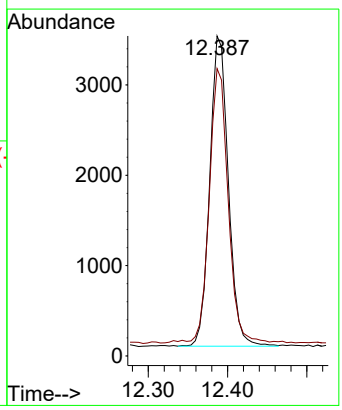


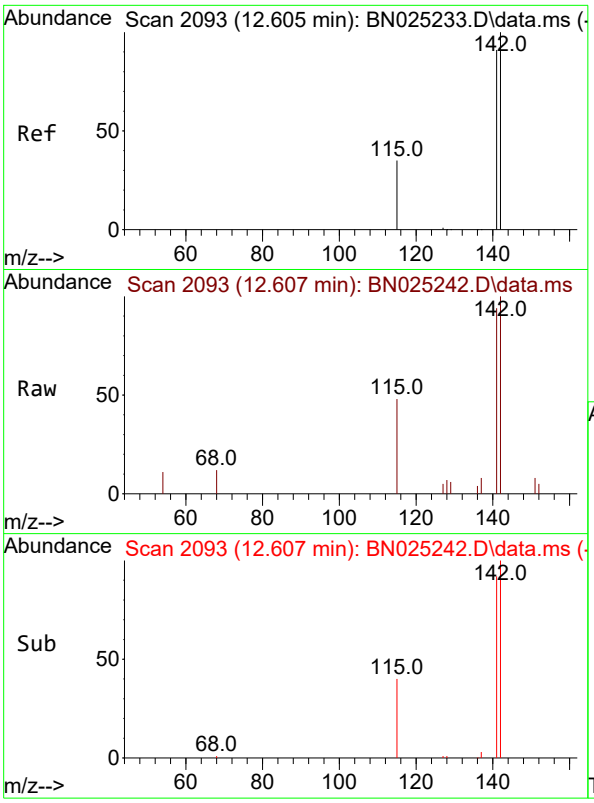


#7
2-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Tgt Ion:142 Resp: 5590

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.0



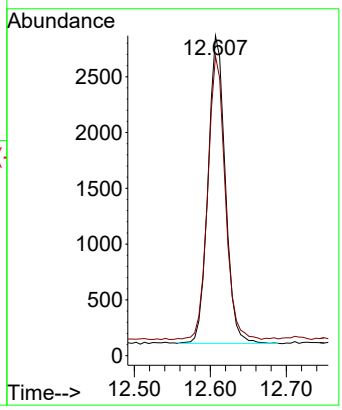


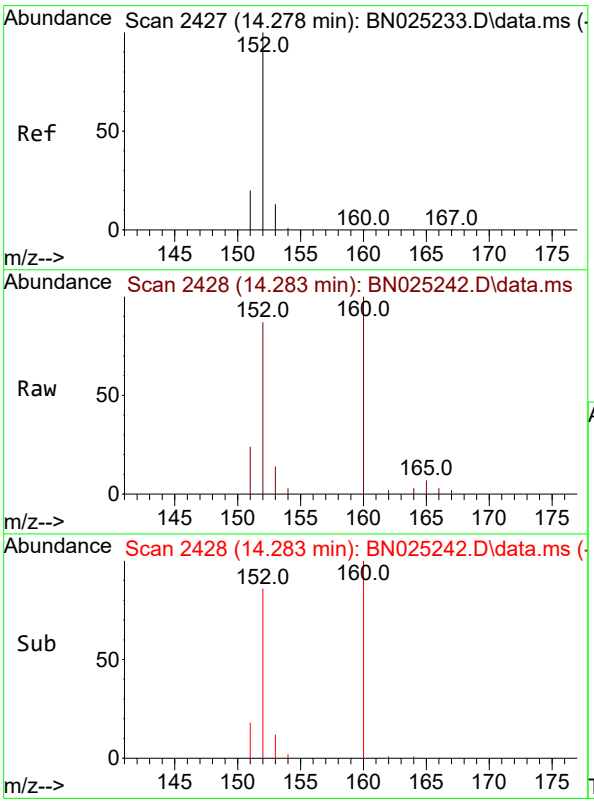
#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.607 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Instrument :
BNA_N
ClientSampleId :
EW907

Tgt Ion:142 Resp: 4348

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.8	110.6

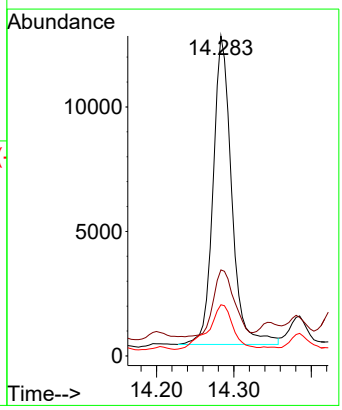


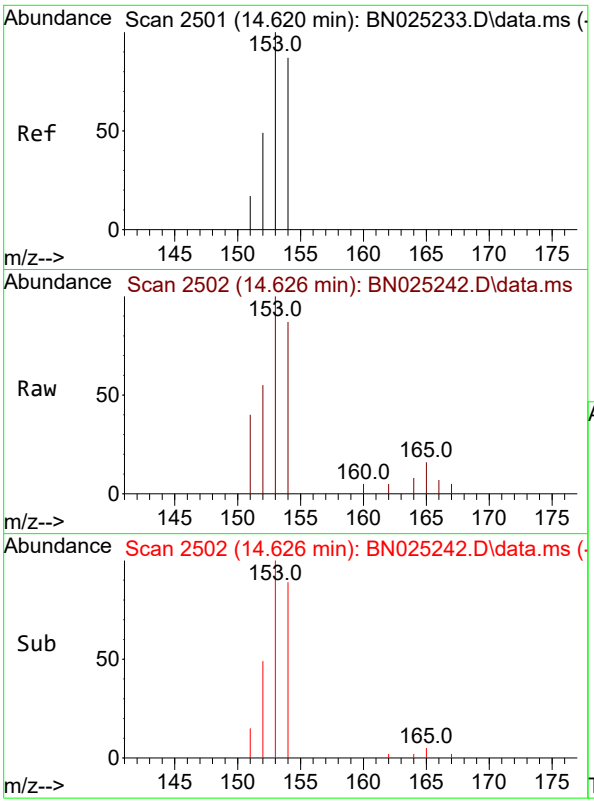


#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Tgt Ion:152 Resp: 20699

Ion	Ratio	Lower	Upper
152	100		
151	26.9	16.0	24.0#
153	16.0	10.8	16.2



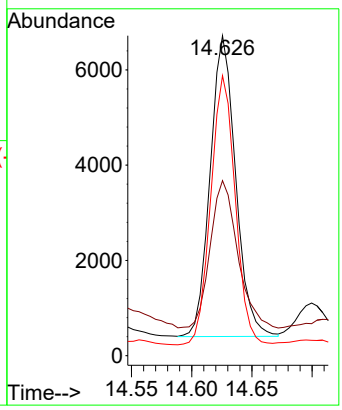


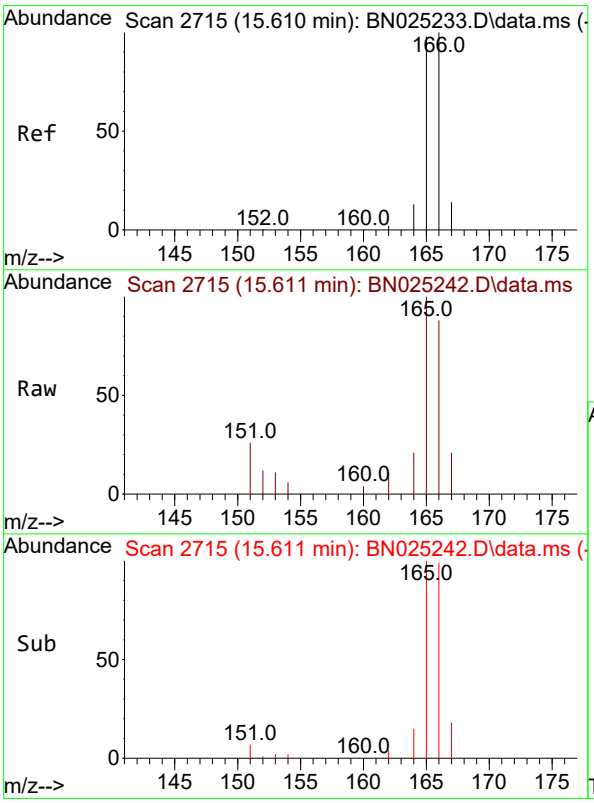
#11
Acenaphthene
Concen: 0.157 ng/ul
RT: 14.626 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Instrument :
BNA_N
ClientSampleId :
EW907

Tgt Ion:153 Resp: 9289

Ion	Ratio	Lower	Upper
153	100		
152	54.7	40.2	60.4
154	87.5	69.4	104.2

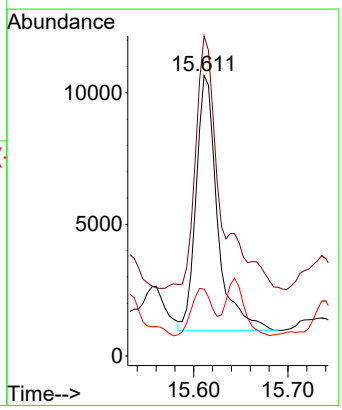


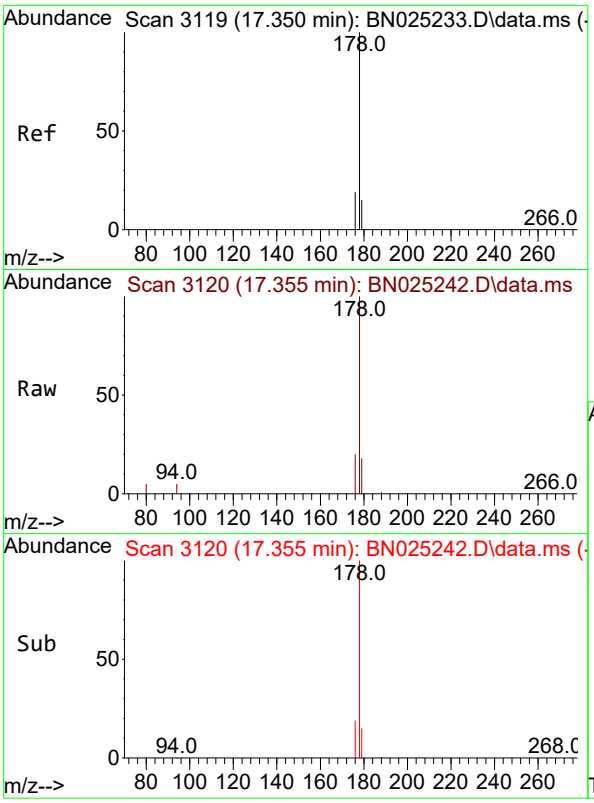


#12
Fluorene
Concen: 0.231 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Tgt Ion:166 Resp: 15309

Ion	Ratio	Lower	Upper
166	100		
165	114.1	78.1	117.1
167	23.8	11.0	16.6#



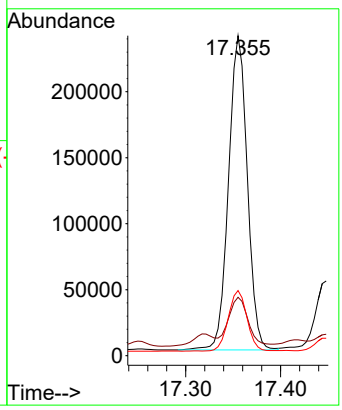


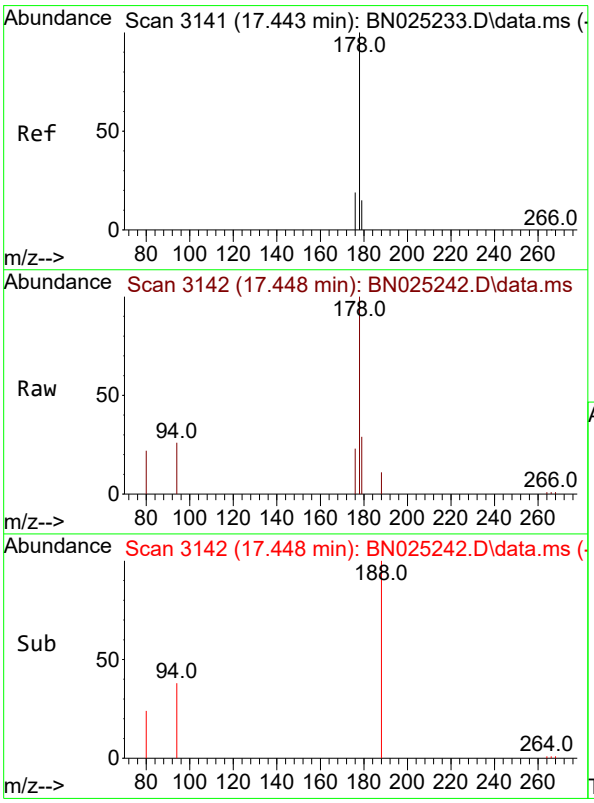
#15
Phenanthrene
Concen: 3.065 ng/ul
RT: 17.355 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Instrument :
BNA_N
ClientSampleId :
EW907

Tgt Ion:178 Resp: 328139

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.5	18.7
176	20.3	15.6	23.4

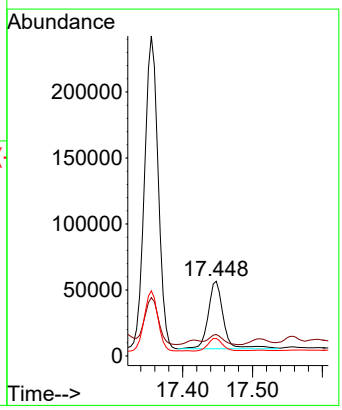


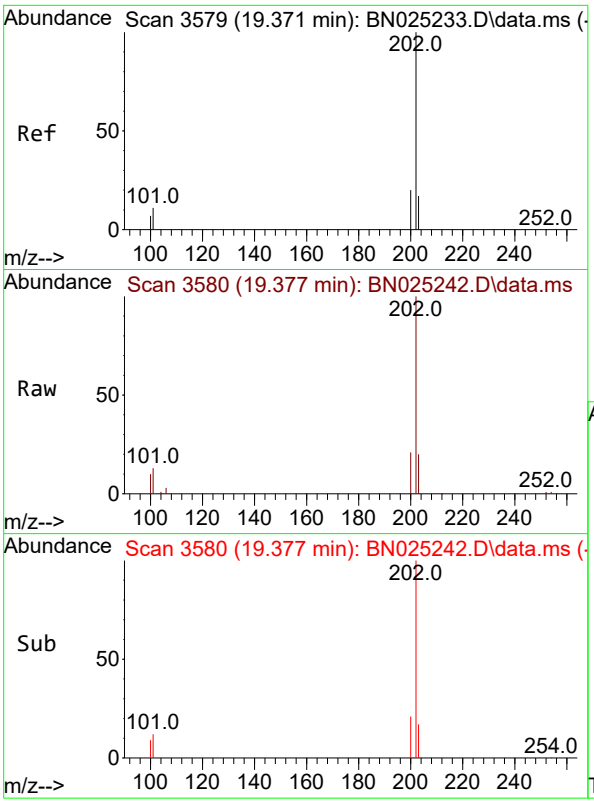


#16
Anthracene
Concen: 0.882 ng/ul
RT: 17.448 min Scan# 3142
Delta R.T. 0.005 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Tgt Ion:178 Resp: 77268

Ion	Ratio	Lower	Upper
178	100		
179	28.6	12.7	19.1#
176	23.3	15.3	22.9#



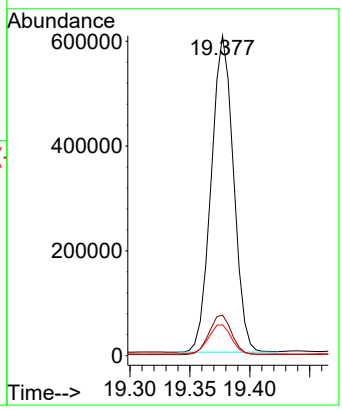


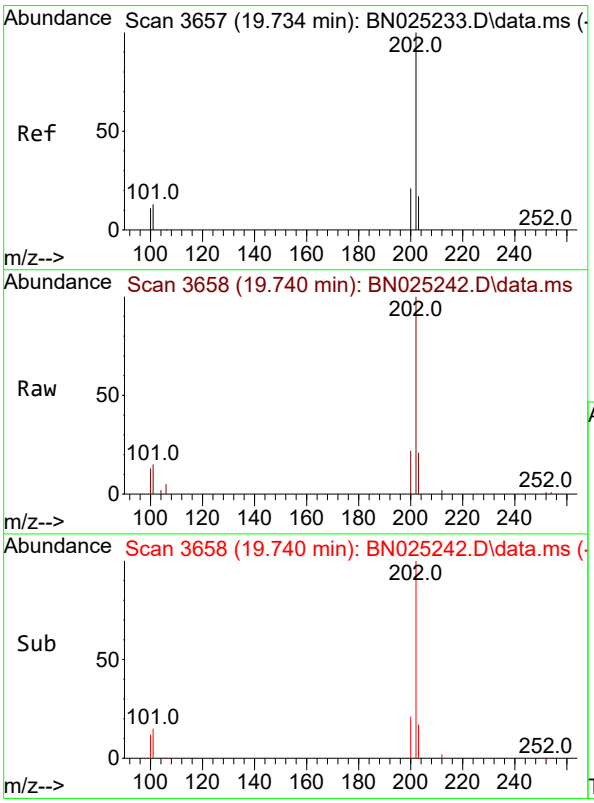
#19
Fluoranthene
Concen: 7.535 ng/ul
RT: 19.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Instrument :
BNA_N
ClientSampleId :
EW907

Tgt Ion:202 Resp: 782551

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	9.7	7.3	10.9

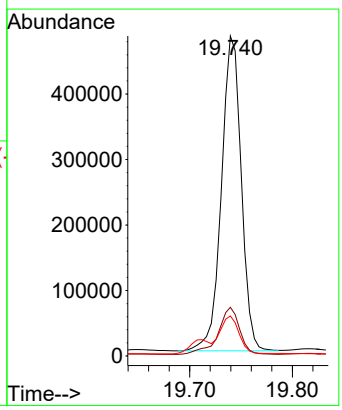


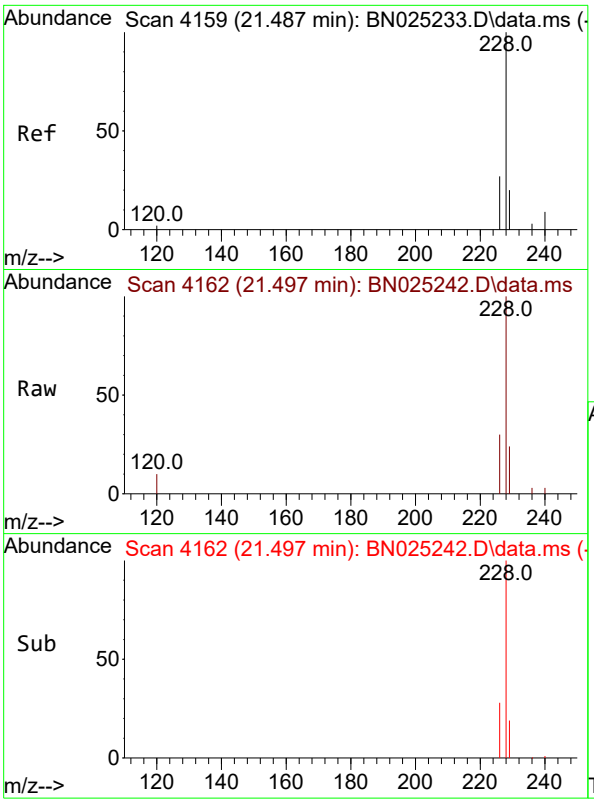


#20
Pyrene
Concen: 6.055 ng/ul
RT: 19.740 min Scan# 3658
Delta R.T. 0.006 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Tgt Ion:202 Resp: 646063

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.3	16.9
100	12.5	9.2	13.8



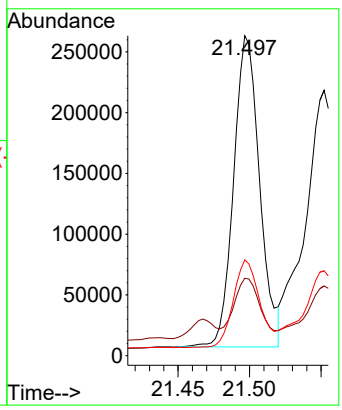


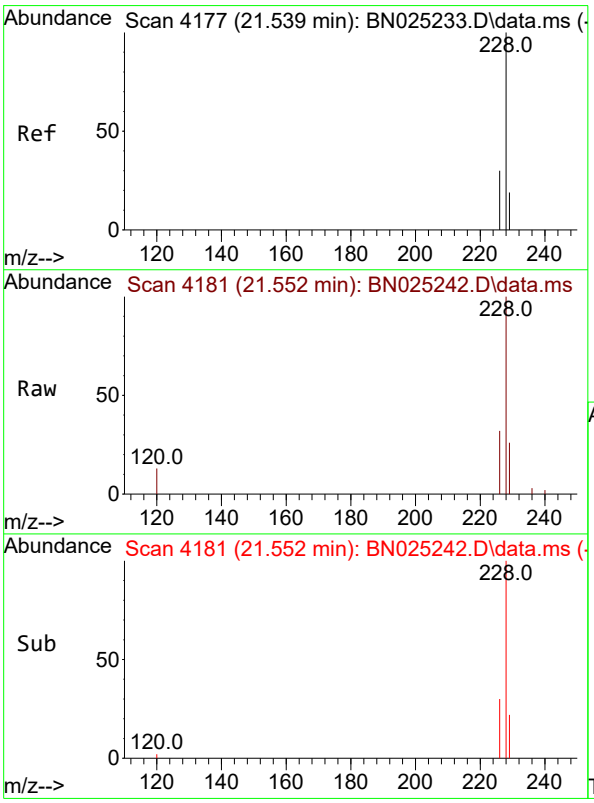
#21
Benzo(a)anthracene
Concen: 3.752 ng/ul
RT: 21.497 min Scan# 4
Delta R.T. 0.010 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Instrument :
BNA_N
ClientSampleId :
EW907

Tgt Ion:228 Resp: 324650

Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.6	23.4#
226	29.9	22.1	33.1

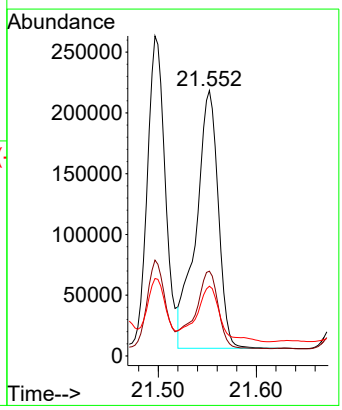


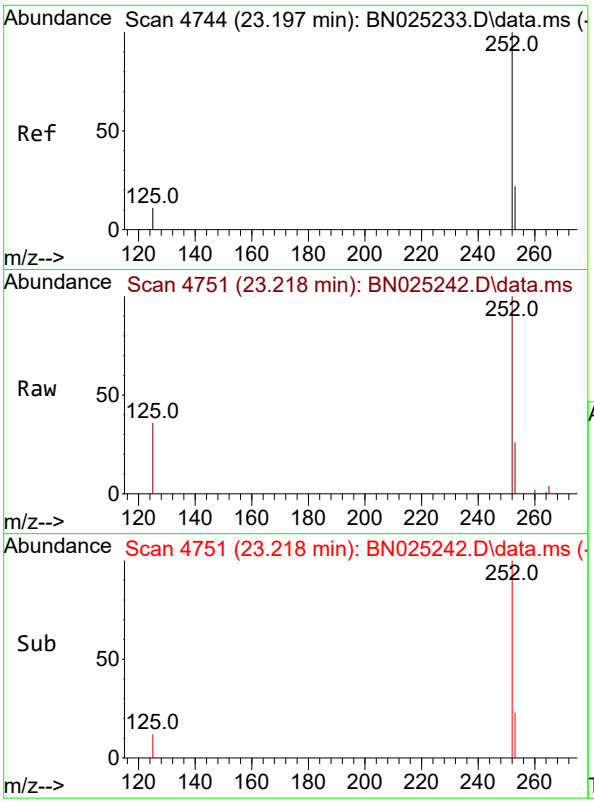


#22
Chrysene
Concen: 3.518 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. 0.013 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Tgt Ion:228 Resp: 332147

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	26.3	15.8	23.6#



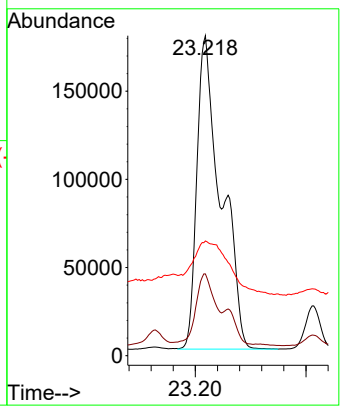


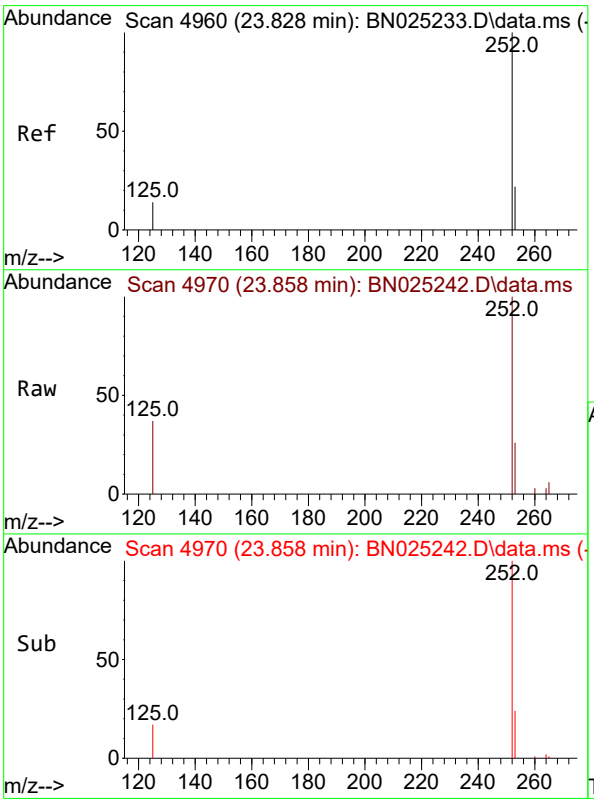
#24
Benzo(b)fluoranthene
Concen: 5.122 ng/ul
RT: 23.218 min Scan# 4
Delta R.T. 0.022 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Instrument :
BNA_N
ClientSampleId :
EW907

Tgt Ion:252 Resp: 536863

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	50.2
125	35.8	0.0	30.4#

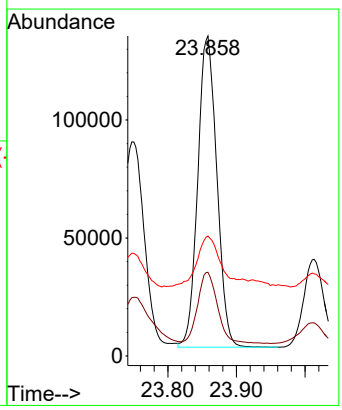


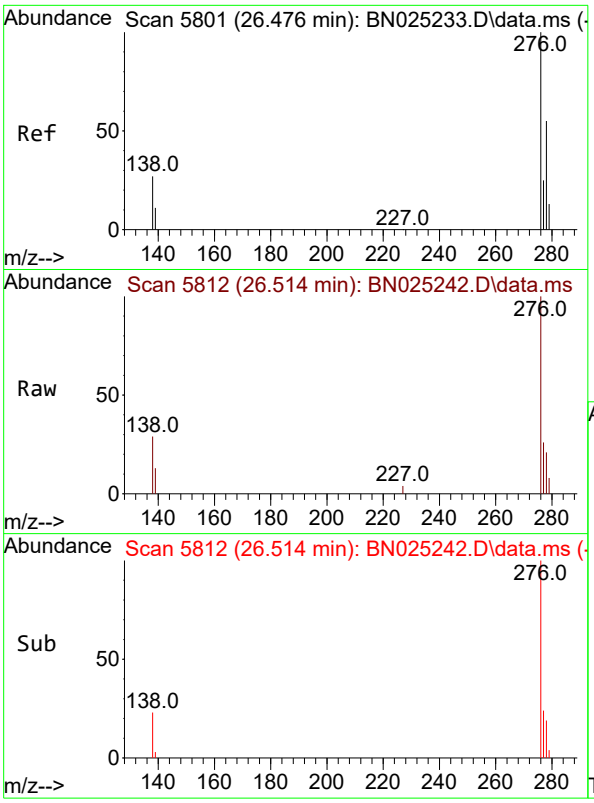


#26
Benzo(a)pyrene
Concen: 2.940 ng/ul
RT: 23.858 min Scan# 4970
Delta R.T. 0.030 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Tgt Ion:252 Resp: 254999

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.4	32.2
125	37.5	14.6	22.0#



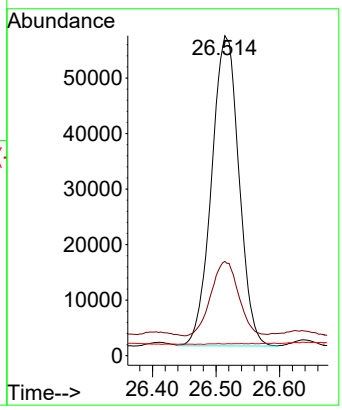


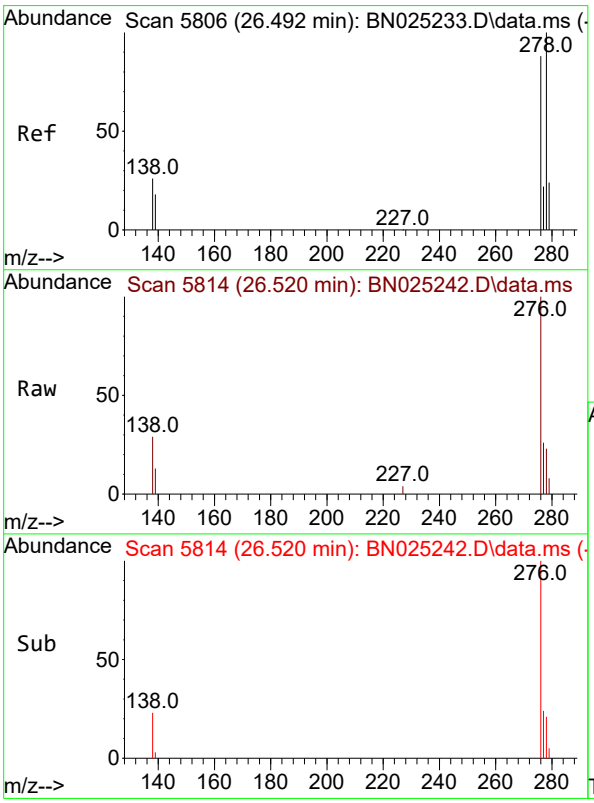
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.671 ng/ul
RT: 26.514 min Scan# 5
Delta R.T. 0.038 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Instrument :
BNA_N
ClientSampleId :
EW907

Tgt Ion:276 Resp: 166957

Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.9	32.9
227	0.0	0.1	0.1#

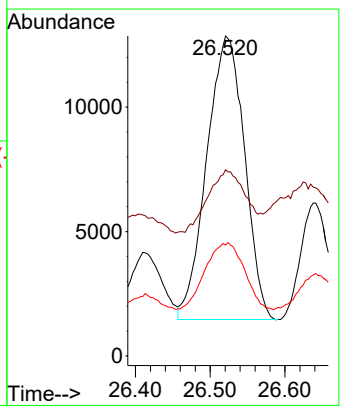


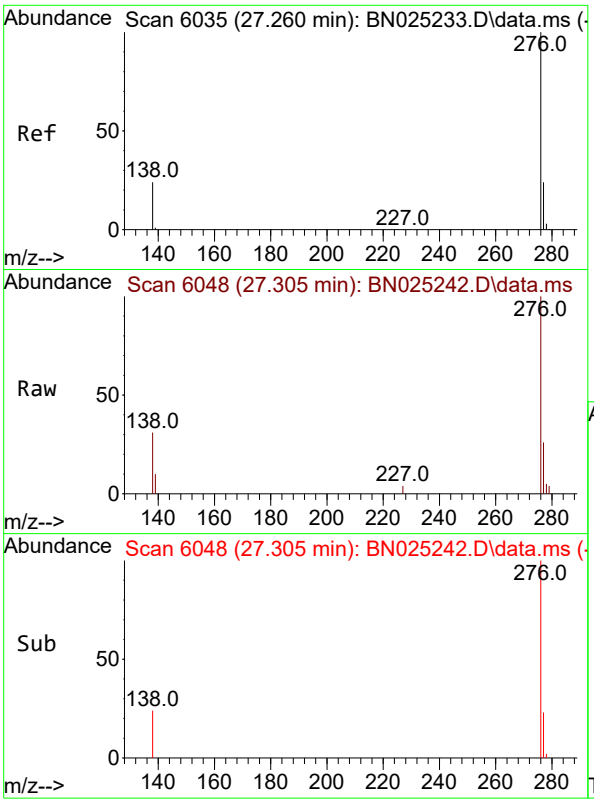


#28
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul
RT: 26.520 min Scan# 5814
Delta R.T. 0.028 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Tgt Ion:278 Resp: 40074

Ion	Ratio	Lower	Upper
278	100		
139	58.2	17.0	25.6#
279	34.7	21.8	32.8#





#29
Benzo(g,h,i)perylene
Concen: 1.963 ng/ul
RT: 27.305 min Scan# 6
Delta R.T. 0.045 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

Instrument :
BNA_N
ClientSampleId :
EW907

Tgt Ion:276 Resp: 166779

Ion	Ratio	Lower	Upper
276	100		
138	30.7	20.3	30.5#
277	26.0	19.8	29.6