Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
Data File : BN024651.D
Acq On : 30 Mar 2023 20:12
Operator : CG/JU
Sample : 02038-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EYF65

Quant Time: Mar 31 02:13:09 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 02:10:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8717	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	26558	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	15541	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	32507	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	24369	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	25351	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	51046	5.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	15235	0.465	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	33407	0.560	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	286	0.030	ng/ul#	47
5) Naphthalene	10.867	128	1626	0.025	ng/ul#	86
7) 2-Methylnaphthalene	12.473	142	1308	0.032	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	904	0.021	ng/ul	99
10) Acenaphthylene	14.360	152	1201	0.022	ng/ul#	72
12) Fluorene	15.684	166	1191	0.022	ng/ul#	93
15) Phenanthrene	17.426	178	1877	0.021	ng/ul#	83
16) Anthracene	17.519	178	2351	0.032	ng/ul#	85
20) Pyrene	19.775	202	6662	0.076	ng/ul#	1
26) Benzo(a)pyrene	23.889	252	11814	0.143	ng/ul#	66

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

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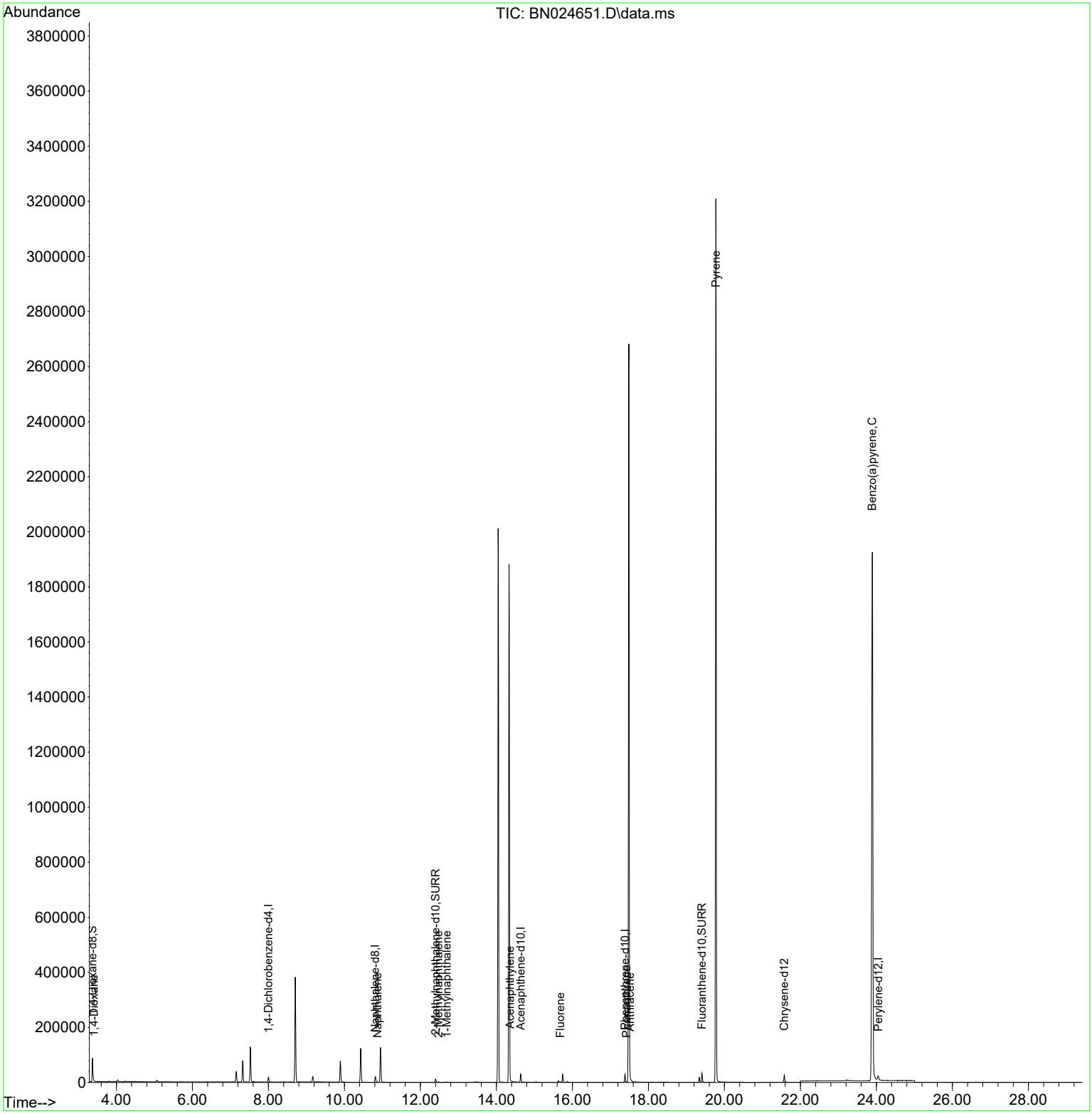
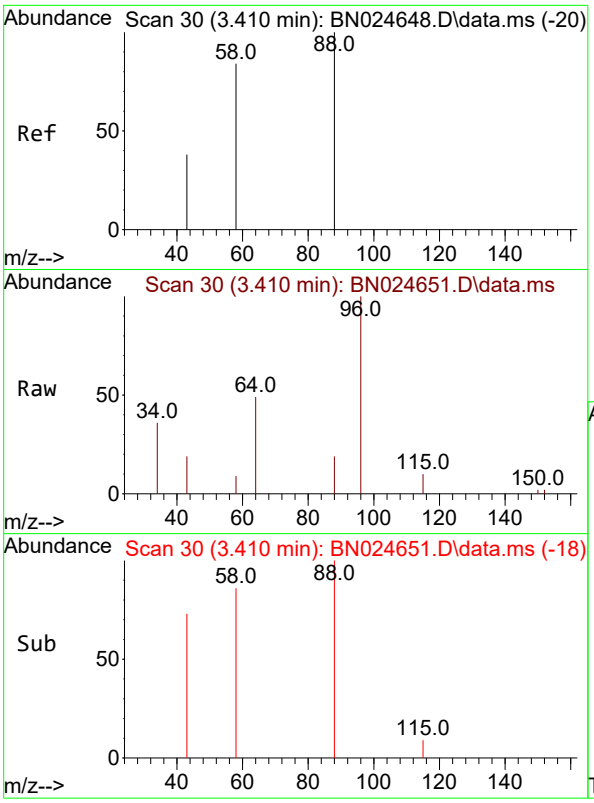


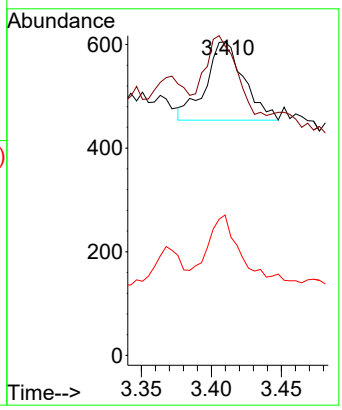


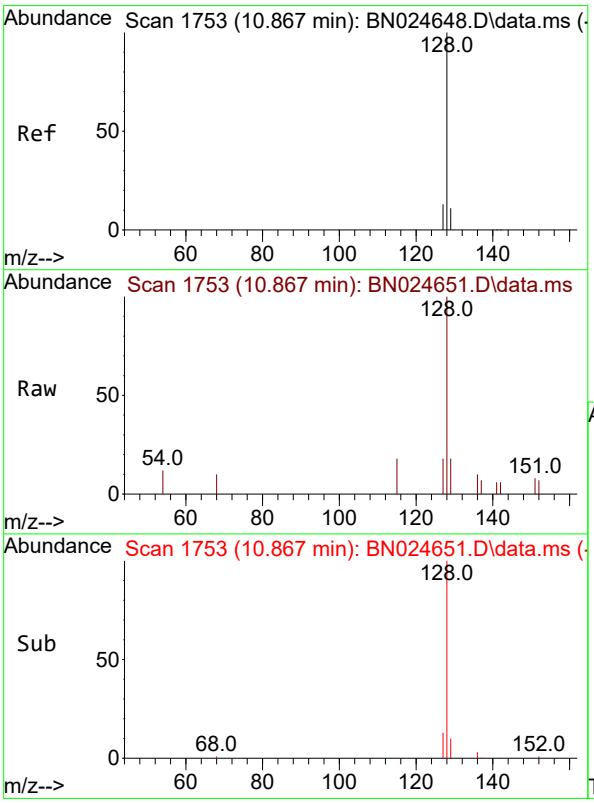
#2
1,4-Dioxane
Concen: 0.030 ng/ul
RT: 3.410 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Instrument :
BNA_N
ClientSampleId :
EYF65

Tgt Ion: 88 Resp: 286

Ion	Ratio	Lower	Upper
88	100		
43	98.7	37.2	55.8#
58	44.8	61.5	92.3#

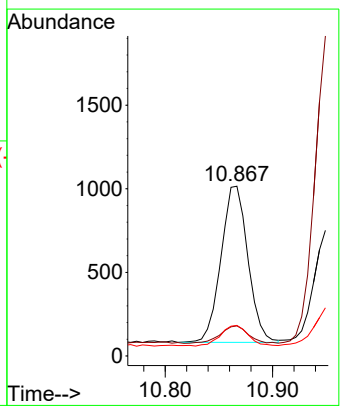


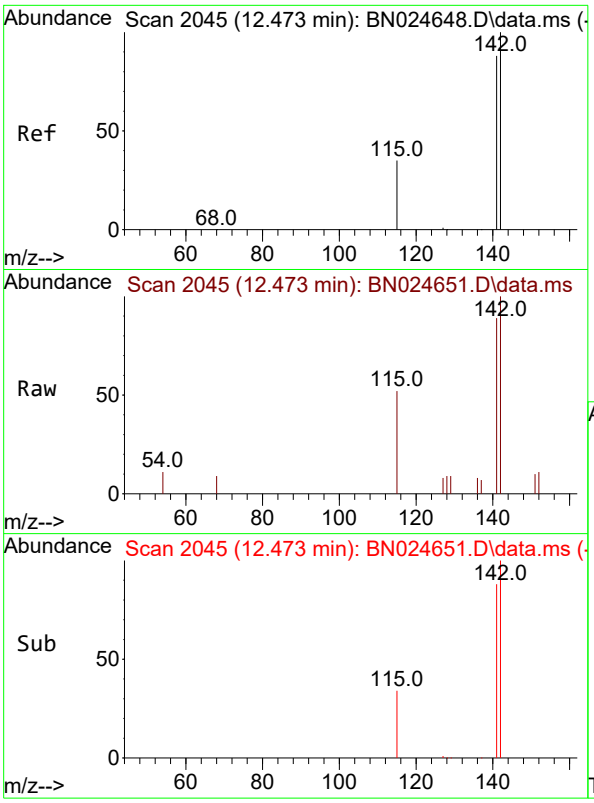


#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.867 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Tgt Ion:128 Resp: 1626

Ion	Ratio	Lower	Upper
128	100		
129	17.7	9.0	13.6#
127	18.0	10.5	15.7#



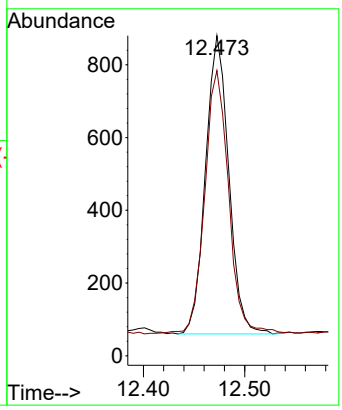


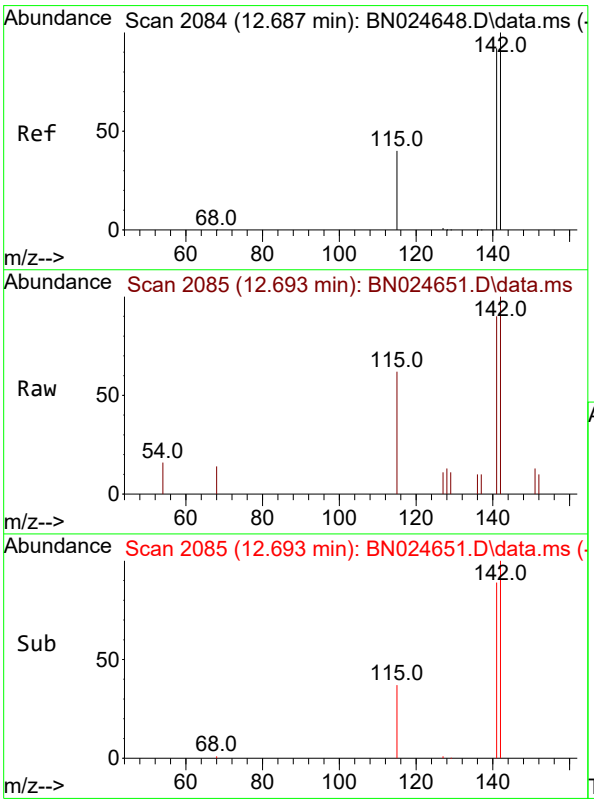
#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.473 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Instrument :
BNA_N
ClientSampleId :
EYF65

Tgt Ion:142 Resp: 1308

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3

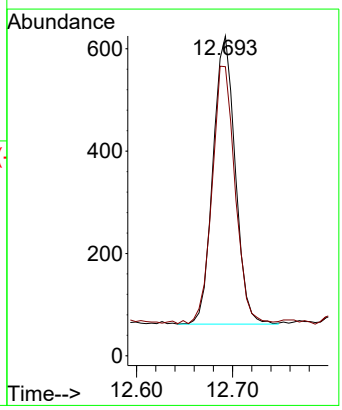


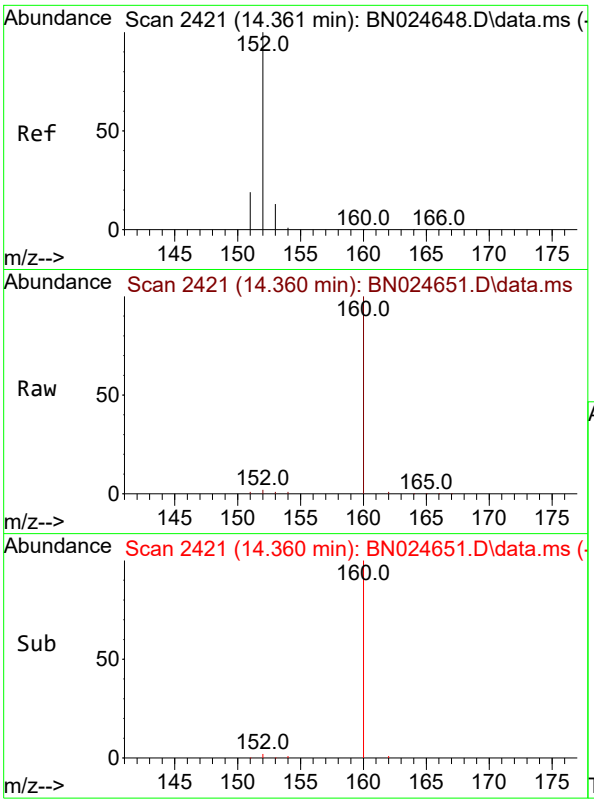


#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.693 min Scan# 2085
Delta R.T. 0.005 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Tgt Ion:142 Resp: 904

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.5	110.3



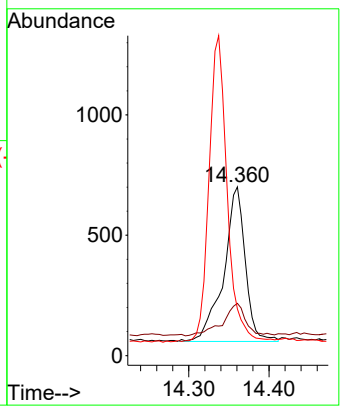


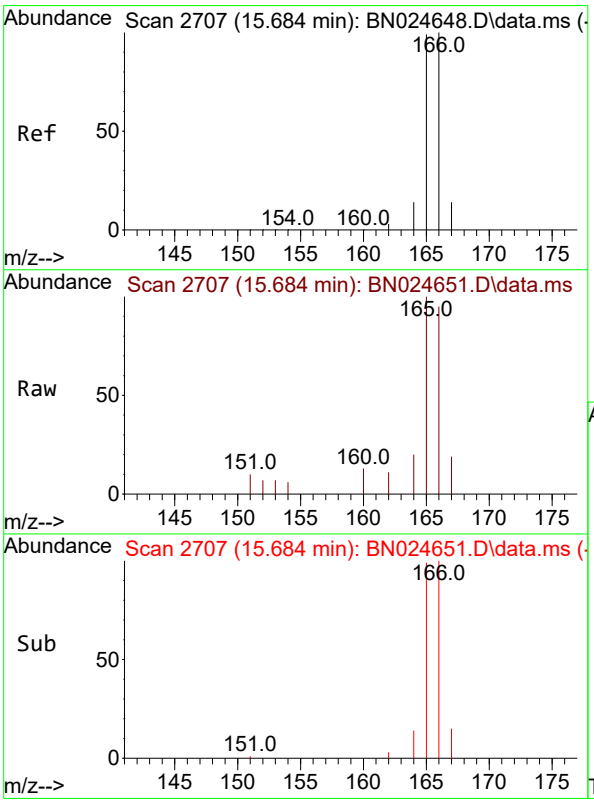
#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.360 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Instrument :
BNA_N
ClientSampleId :
EYF65

Tgt Ion:152 Resp: 1201

Ion	Ratio	Lower	Upper
152	100		
151	31.0	16.1	24.1#
153	27.7	10.6	16.0#

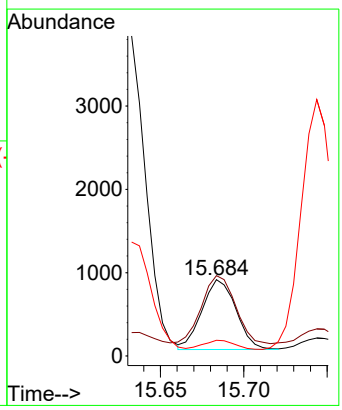


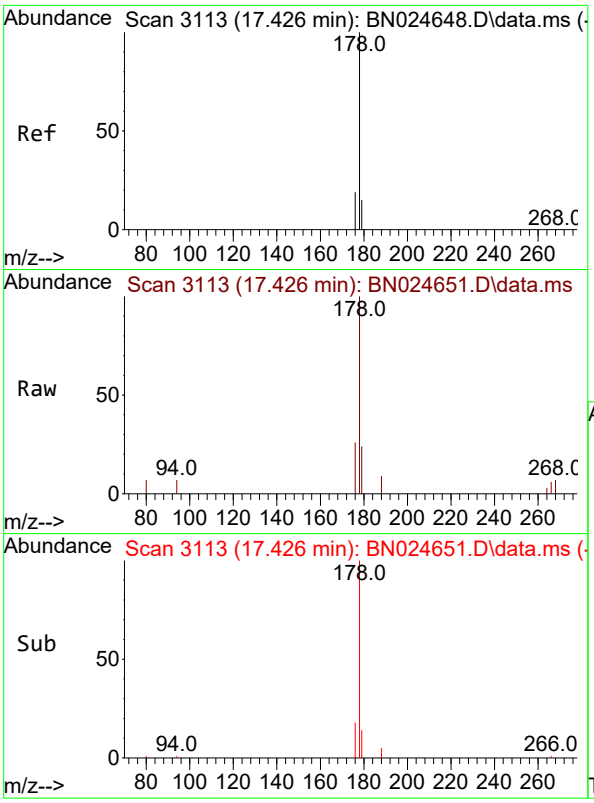


#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.684 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Tgt Ion:166 Resp: 1191

Ion	Ratio	Lower	Upper
166	100		
165	105.2	80.0	120.0
167	20.5	10.8	16.2#



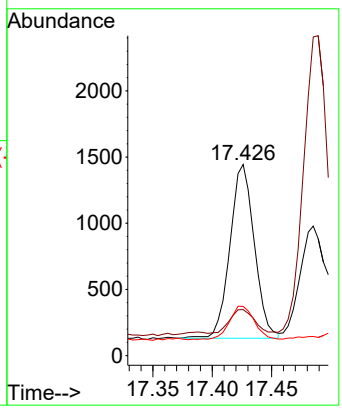


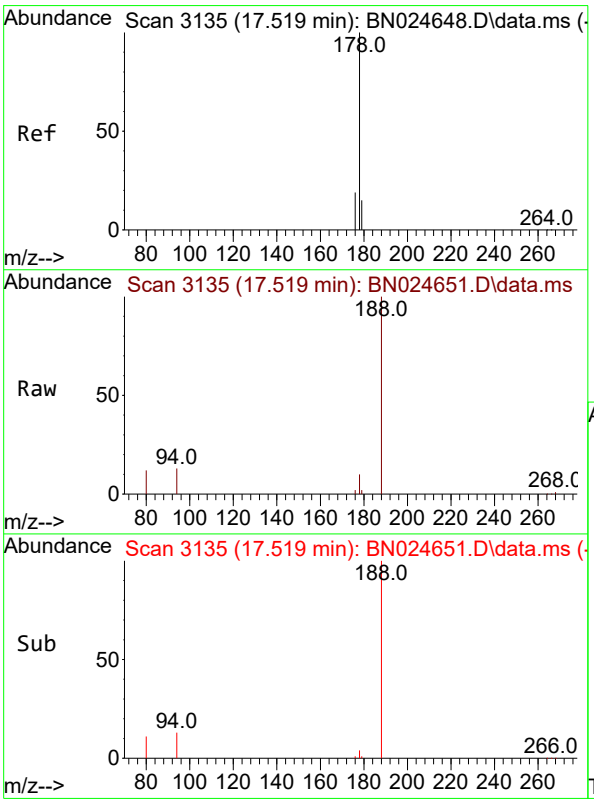
#15
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.426 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Instrument :
BNA_N
ClientSampleId :
EYF65

Tgt Ion:178 Resp: 1877

Ion	Ratio	Lower	Upper
178	100		
179	24.1	12.3	18.5#
176	25.8	15.5	23.3#

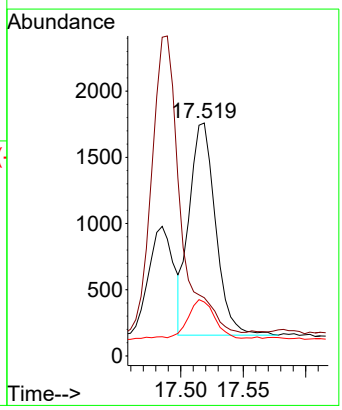


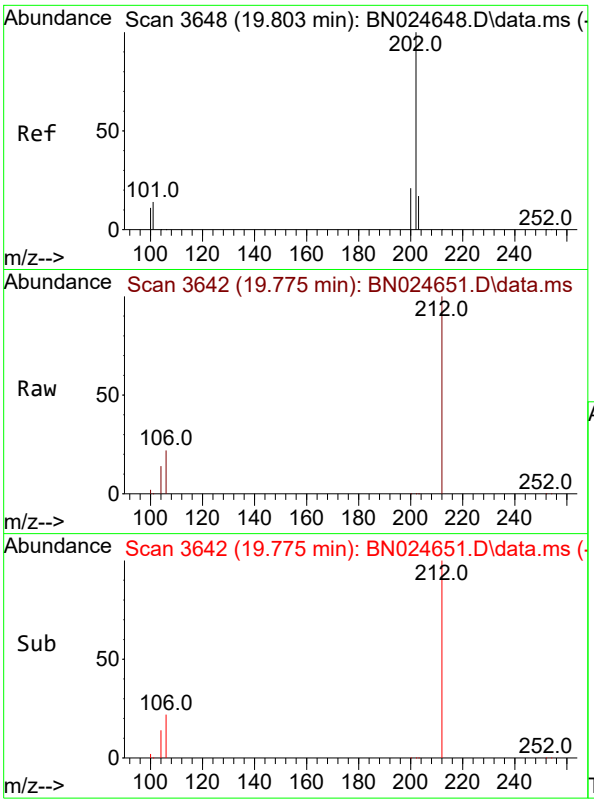


#16
Anthracene
Concen: 0.032 ng/ul
RT: 17.519 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Tgt Ion:178 Resp: 2351

Ion	Ratio	Lower	Upper
178	100		
179	25.0	12.7	19.1#
176	23.1	15.2	22.8#



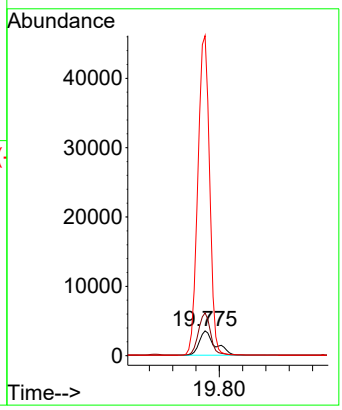


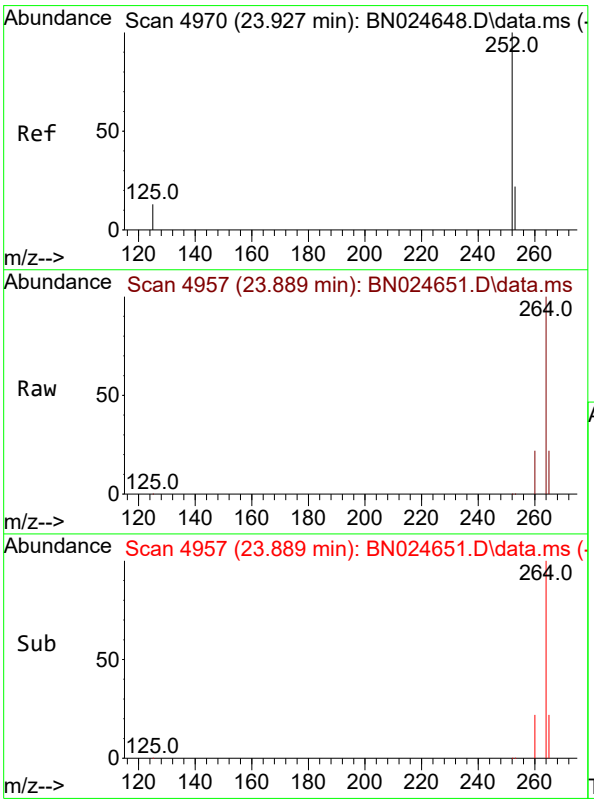
#20
Pyrene
Concen: 0.076 ng/ul
RT: 19.775 min Scan# 3
Delta R.T. -0.028 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Instrument :
BNA_N
ClientSampleId :
EYF65

Tgt Ion:202 Resp: 6662

Ion	Ratio	Lower	Upper
202	100		
101	172.2	10.9	16.3#
100	1289.2	8.7	13.1#





#26
Benzo(a)pyrene
Concen: 0.143 ng/ul
RT: 23.889 min Scan# 4957
Delta R.T. -0.038 min
Lab File: BN024651.D
Acq: 30 Mar 2023 20:12

Tgt Ion:252 Resp: 11814

Ion	Ratio	Lower	Upper
252	100		
253	41.8	21.8	32.8#
125	38.5	15.4	23.0#