Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
Data File : BN022887.D
Acq On : 26 Nov 2022 18:41
Operator : CG/JU
Sample : N5592-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0AB3

Quant Time: Nov 28 03:49:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 28 03:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	28	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.892	136	214	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.710	164	648	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.453	188	1032	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.639	240	304	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	42661	1269.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	10519	32.256	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	21960	19.550	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.450	88	2061	58.816	ng/ul#	86
5) Naphthalene	10.942	128	241	0.371	ng/ul#	24
7) 2-Methylnaphthalene	12.547	142	170	0.419	ng/ul	97
8) 1-Methylnaphthalene	12.767	142	90	0.218	ng/ul#	1
10) Acenaphthylene	14.405	152	209	0.065	ng/ul#	1
11) Acenaphthene	14.779	153	89	0.035	ng/ul#	68
12) Fluorene	15.705	166	4035	1.409	ng/ul#	13
14) Pentachlorophenol	17.090	266	35	0.162	ng/ul#	100
15) Phenanthrene	17.496	178	528	0.149	ng/ul#	58
16) Anthracene	17.589	178	701	0.231	ng/ul#	63
19) Fluoranthene	19.509	202	358	0.228	ng/ul#	18
20) Pyrene	19.843	202	3801	2.470	ng/ul#	1
21) Benzo(a)anthracene	21.625	228	397	0.342	ng/ul#	62
22) Chrysene	21.677	228	581	0.456	ng/ul#	76

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
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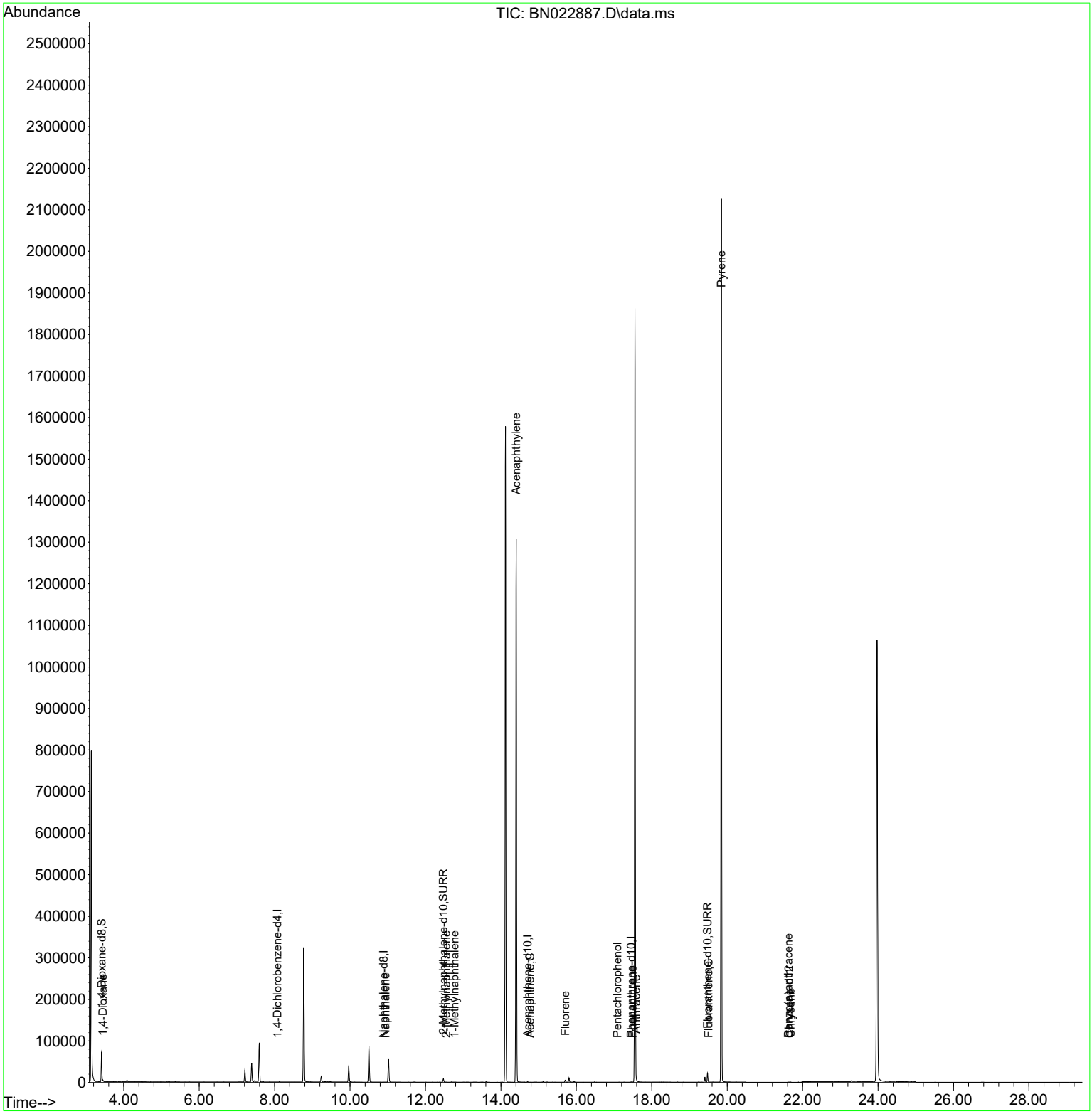
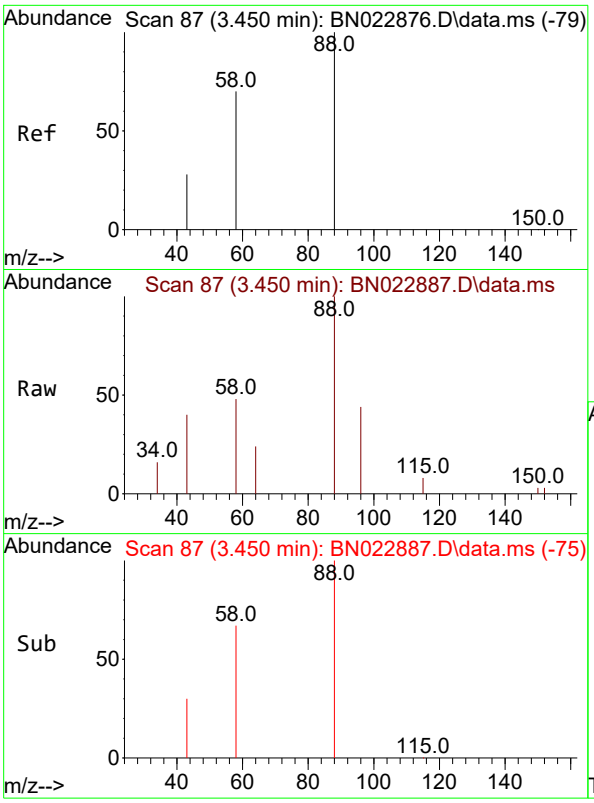


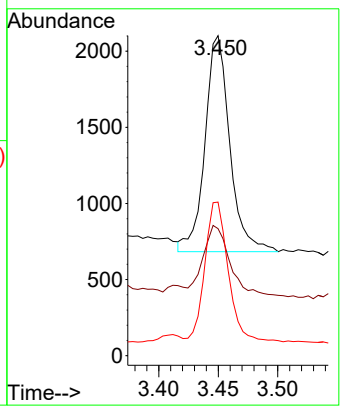


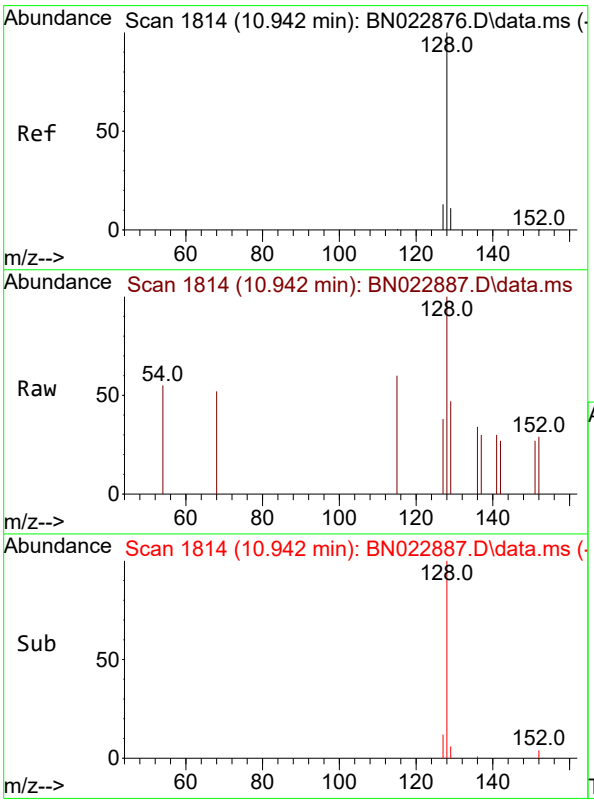
#2
1,4-Dioxane
Concen: 58.816 ng/ul
RT: 3.450 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Instrument :
BNA_N
ClientSampleId :
H0AB3

Tgt Ion: 88 Resp: 2061

Ion	Ratio	Lower	Upper
88	100		
43	39.7	26.2	39.4#
58	48.0	47.6	71.4

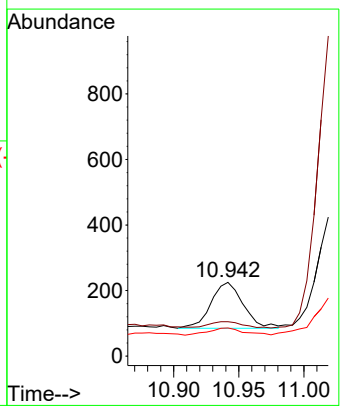


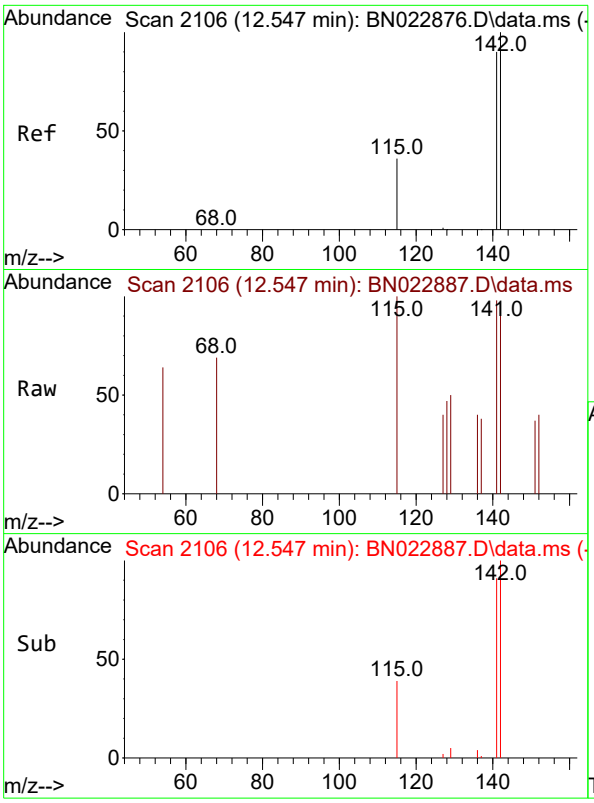


#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Tgt Ion:128 Resp: 241

Ion	Ratio	Lower	Upper
128	100		
129	46.7	9.0	13.6#
127	38.2	10.6	16.0#



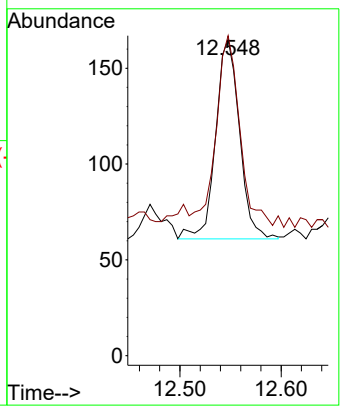


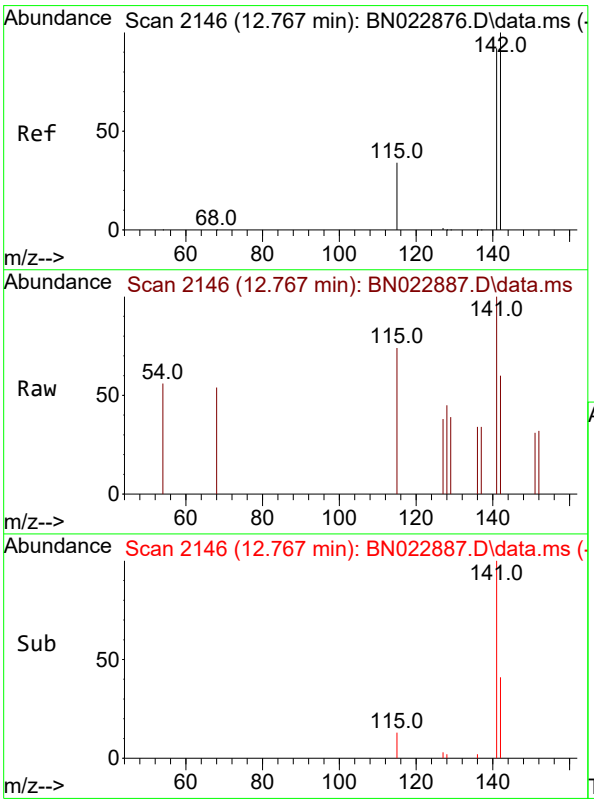
#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.547 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Instrument :
BNA_N
ClientSampleId :
H0AB3

Tgt Ion:142 Resp: 170

Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.6	107.4

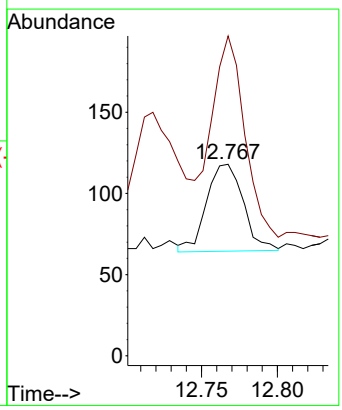


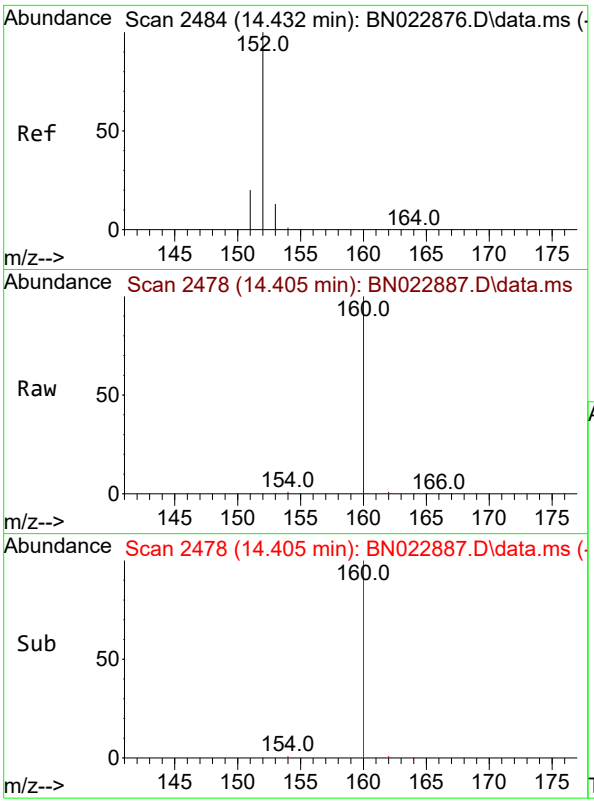


#8
1-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.767 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Tgt Ion:142 Resp: 90

Ion	Ratio	Lower	Upper
142	100		
141	211.1	73.8	110.6#



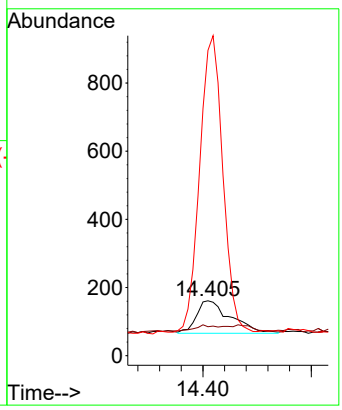


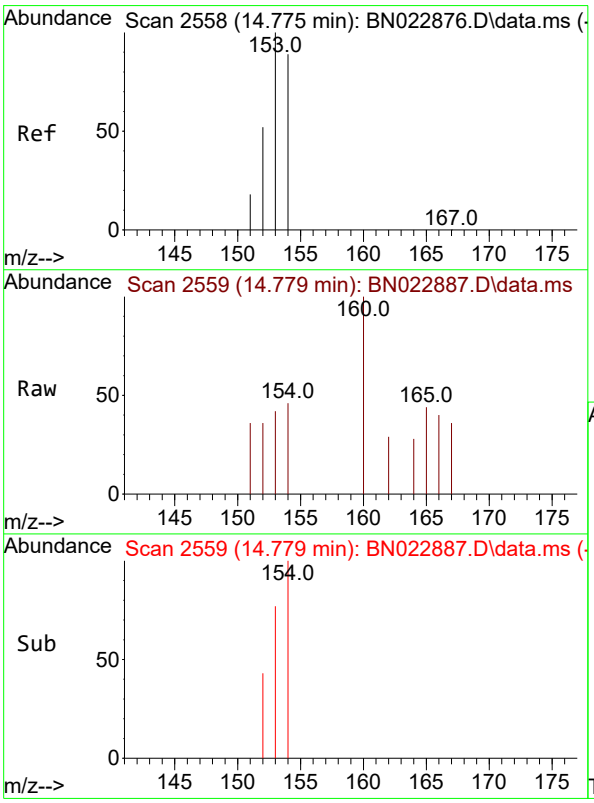
#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.405 min Scan# 24
Delta R.T. -0.028 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Instrument :
BNA_N
ClientSampleId :
H0AB3

Tgt Ion:152 Resp: 209

Ion	Ratio	Lower	Upper
152	100		
151	52.8	16.0	24.0#
153	556.5	10.5	15.7#

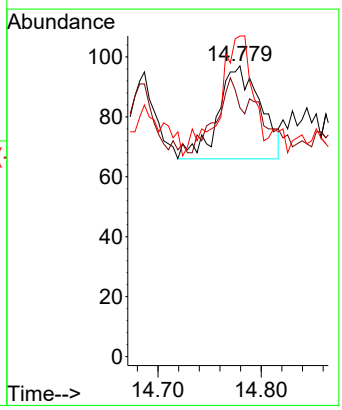


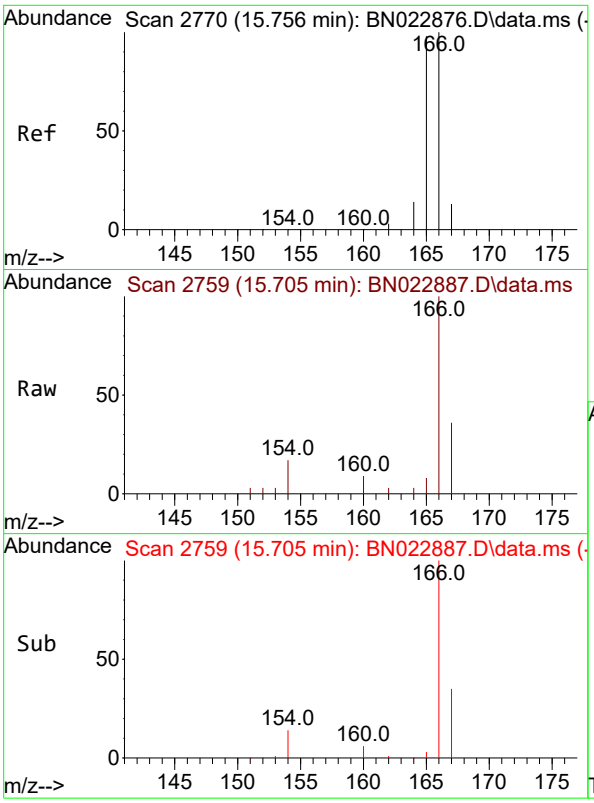


#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.779 min Scan# 2559
Delta R.T. 0.005 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Tgt Ion:153 Resp: 89

Ion	Ratio	Lower	Upper
153	100		
152	85.6	41.8	62.8#
154	110.3	71.3	106.9#



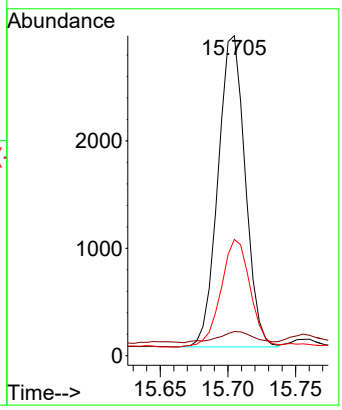


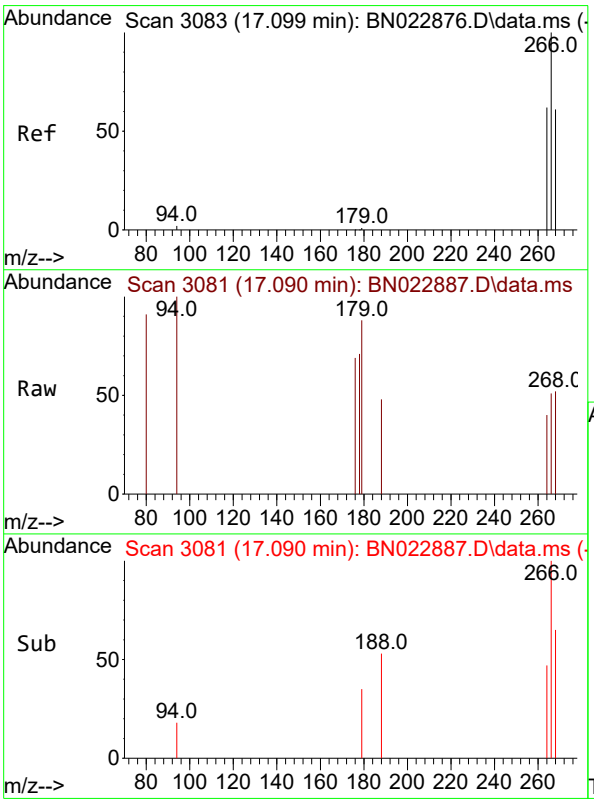
#12
Fluorene
Concen: 1.409 ng/ul
RT: 15.705 min Scan# 2
Delta R.T. -0.051 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Instrument :
BNA_N
ClientSampleId :
H0AB3

Tgt Ion:166 Resp: 4035

Ion	Ratio	Lower	Upper
166	100		
165	7.6	78.7	118.1#
167	36.3	10.8	16.2#

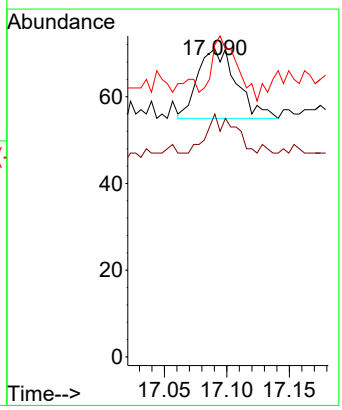


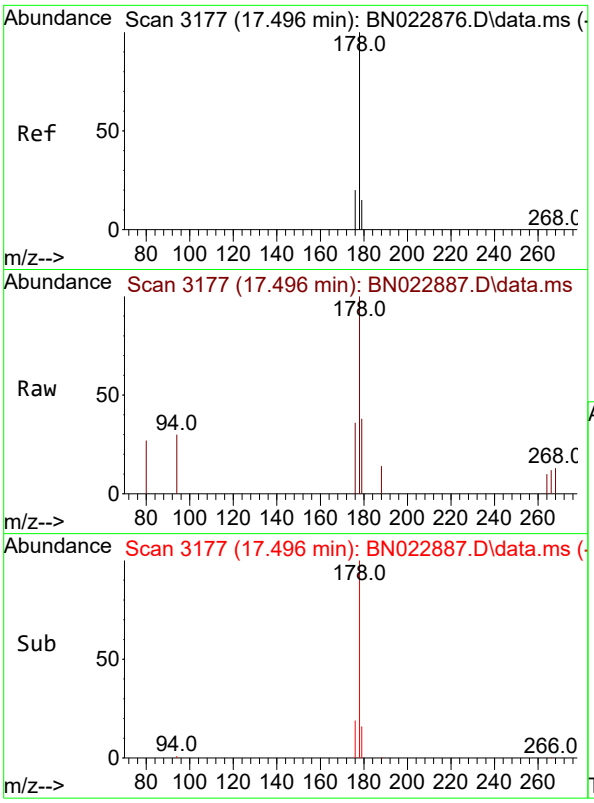


#14
Pentachlorophenol
Concen: 0.162 ng/ul
RT: 17.090 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Tgt Ion:266 Resp: 35

Ion	Ratio	Lower	Upper
266	100		
264	42.9	0.0	0.0#
268	60.0	0.0	0.0#



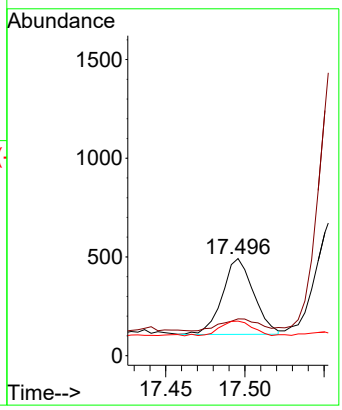


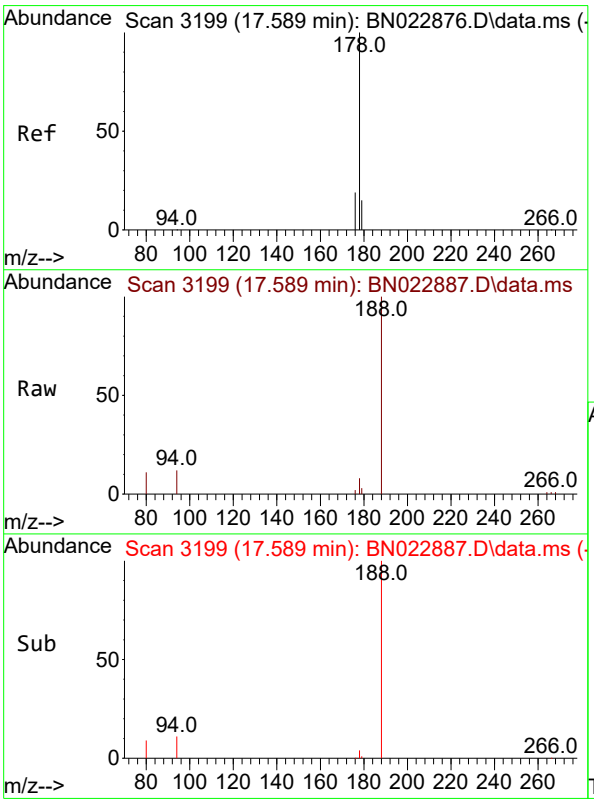
#15
Phenanthrene
Concen: 0.149 ng/ul
RT: 17.496 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Instrument :
BNA_N
ClientSampleId :
H0AB3

Tgt Ion:178 Resp: 528

Ion	Ratio	Lower	Upper
178	100		
179	37.8	12.5	18.7#
176	35.6	15.9	23.9#

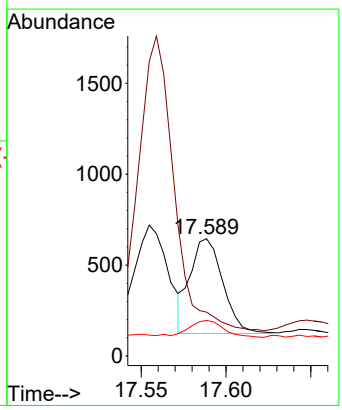


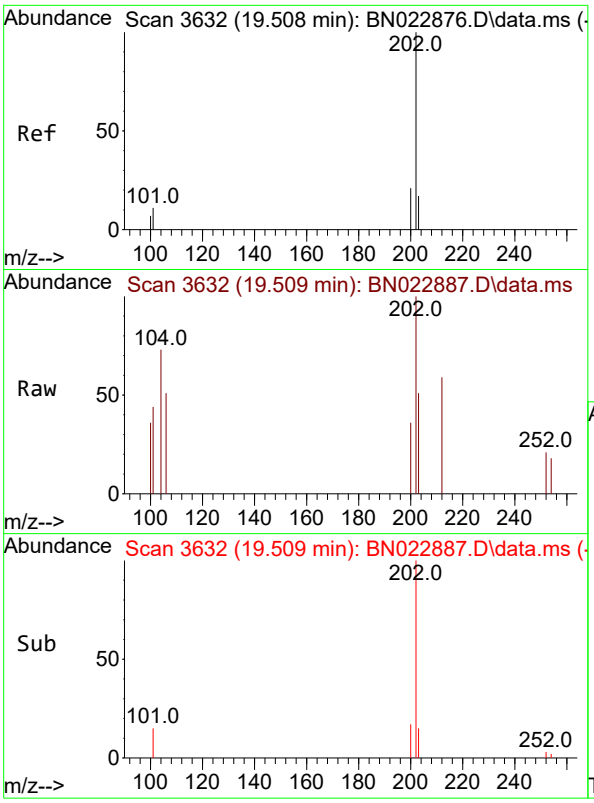


#16
Anthracene
Concen: 0.231 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Tgt Ion:178 Resp: 701

Ion	Ratio	Lower	Upper
178	100		
179	37.4	12.6	18.8#
176	30.2	15.3	22.9#



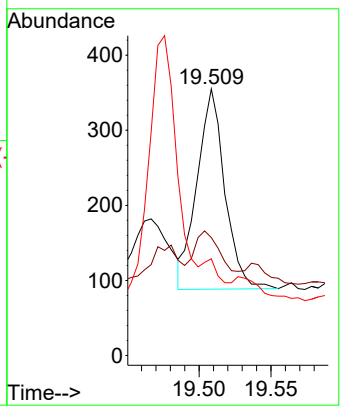


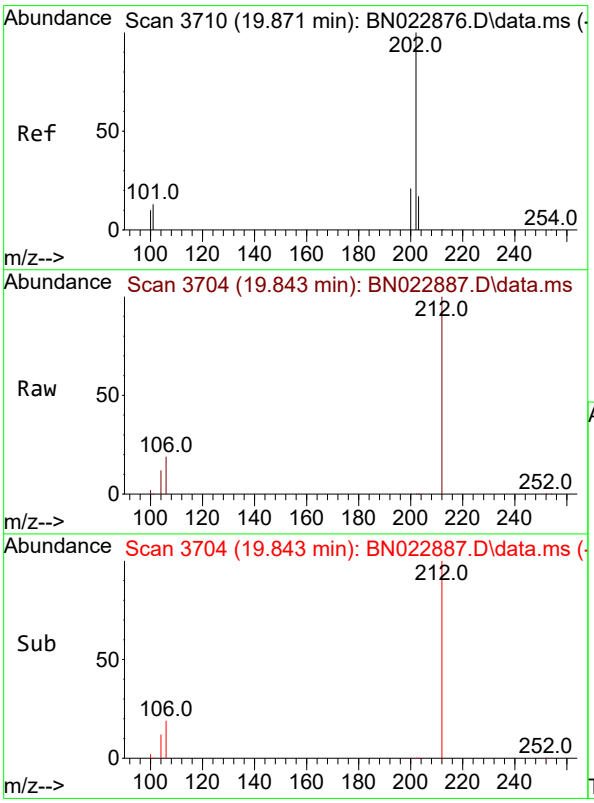
#19
Fluoranthene
Concen: 0.228 ng/ul
RT: 19.509 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Instrument :
BNA_N
ClientSampleId :
H0AB3

Tgt Ion:202 Resp: 358

Ion	Ratio	Lower	Upper
202	100		
101	44.2	9.2	13.8#
100	36.3	6.9	10.3#

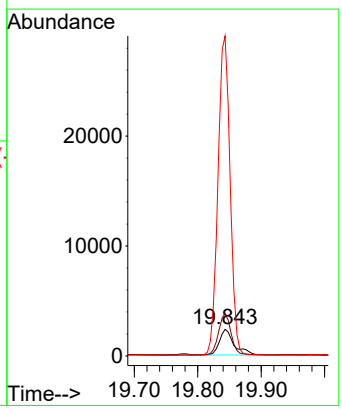


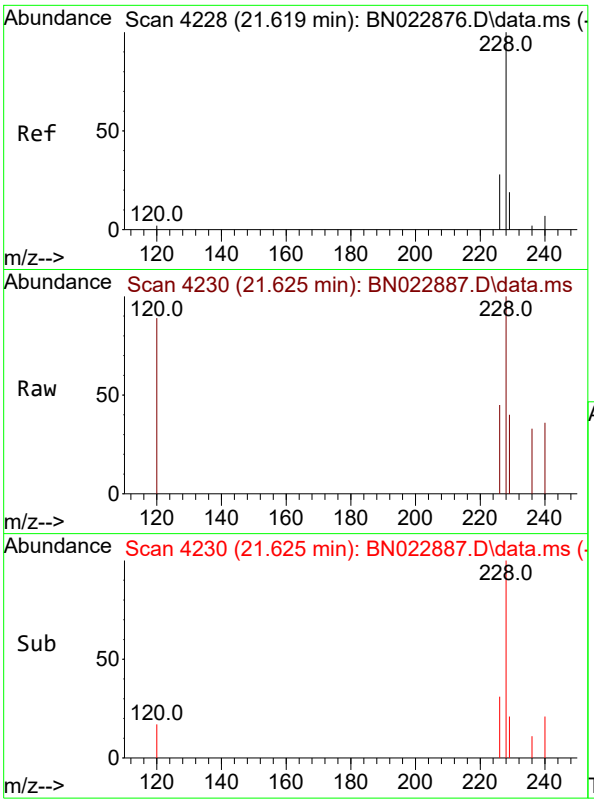


#20
Pyrene
Concen: 2.470 ng/ul
RT: 19.843 min Scan# 3704
Delta R.T. -0.028 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Tgt Ion:202 Resp: 3801

Ion	Ratio	Lower	Upper
202	100		
101	159.2	10.6	16.0#
100	1201.3	8.2	12.4#





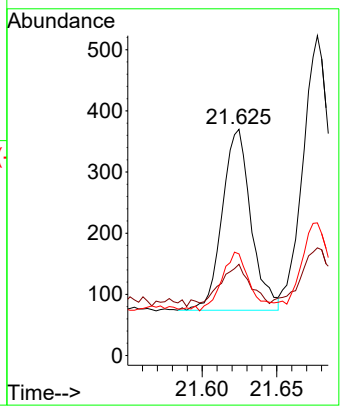
#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.625 min Scan# 4

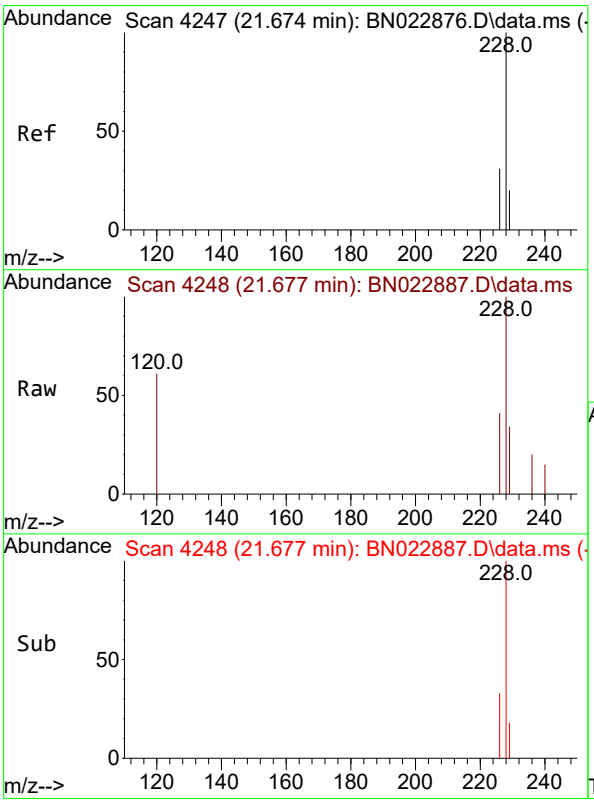
Instrument :
BNA_N
ClientSampleId :
H0AB3

Delta R.T. 0.006 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Tgt Ion:228 Resp: 397

Ion	Ratio	Lower	Upper
228	100		
229	40.3	15.5	23.3#
226	44.9	22.2	33.4#





#22
Chrysene
Concen: 0.456 ng/ul
RT: 21.677 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BN022887.D
Acq: 26 Nov 2022 18:41

Tgt Ion:228 Resp: 581

Ion	Ratio	Lower	Upper
228	100		
226	41.5	24.6	37.0#
229	33.7	15.8	23.8#