Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
Data File : BN022889.D
Acq On : 26 Nov 2022 19:55
Operator : CG/JU
Sample : N5592-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0AA3

Quant Time: Nov 28 03:49:20 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	8.070	152	23	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.887	136	208	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.710	164	638	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.453	188	972	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.639	240	343	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	39778	1441.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	10593	33.420	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	20866	16.464	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.450	88	9502	330.111	ng/ul	97
5) Naphthalene	10.942	128	367	0.581	ng/ul#	45
7) 2-Methylnaphthalene	12.547	142	148	0.375	ng/ul	94
8) 1-Methylnaphthalene	12.762	142	122	0.304	ng/ul	94
10) Acenaphthylene	14.405	152	252	0.080	ng/ul#	1
11) Acenaphthene	14.770	153	81	0.033	ng/ul#	71
12) Fluorene	15.705	166	4005	1.420	ng/ul#	12
14) Pentachlorophenol	17.099	266	20	0.098	ng/ul#	100
15) Phenanthrene	17.496	178	542	0.162	ng/ul#	65
16) Anthracene	17.589	178	1225	0.428	ng/ul#	81
19) Fluoranthene	19.508	202	341	0.192	ng/ul#	22
20) Pyrene	19.843	202	3247	1.870	ng/ul#	1
21) Benzo(a)anthracene	21.622	228	144	0.110	ng/ul#	15
22) Chrysene	21.677	228	197	0.137	ng/ul#	35

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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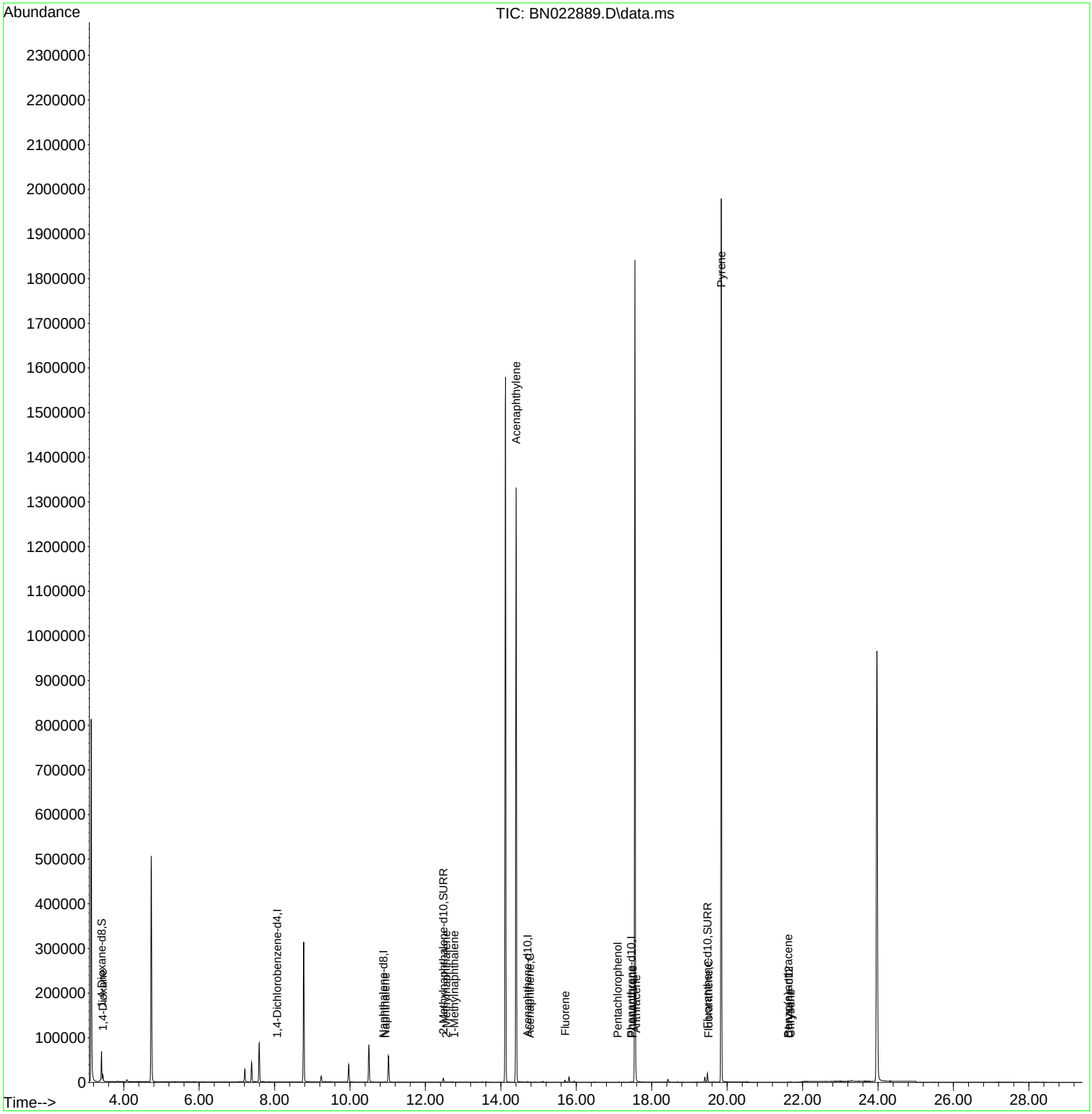
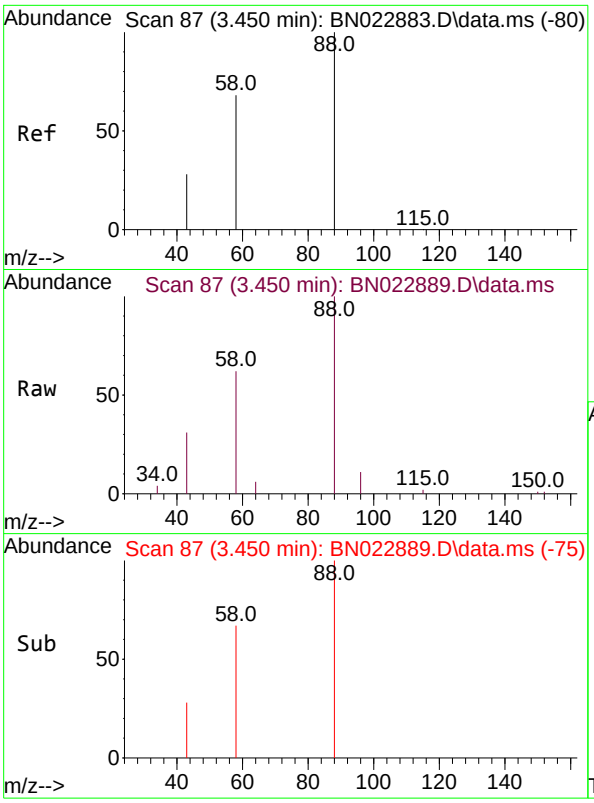


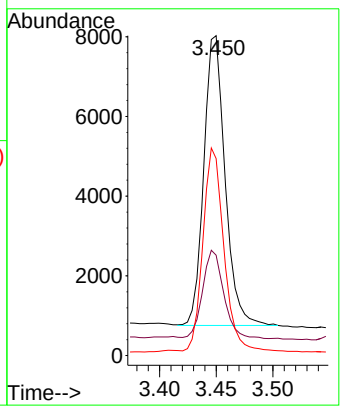


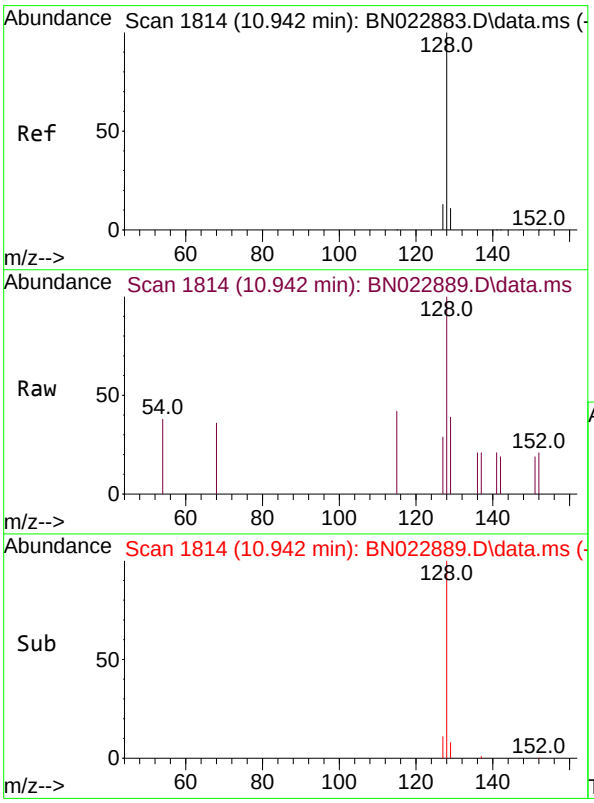
#2
1,4-Dioxane
Concen: 330.111 ng/ul
RT: 3.450 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Instrument :
BNA_N
ClientSampleId :
H0AA3

Tgt Ion: 88 Resp: 9502

Ion	Ratio	Lower	Upper
88	100		
43	31.4	26.2	39.4
58	61.6	47.6	71.4

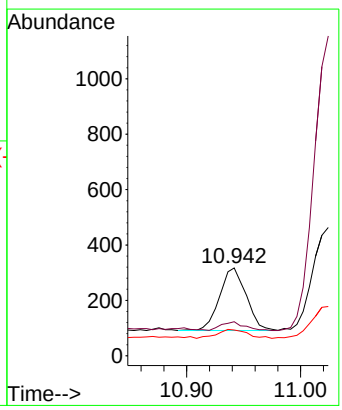


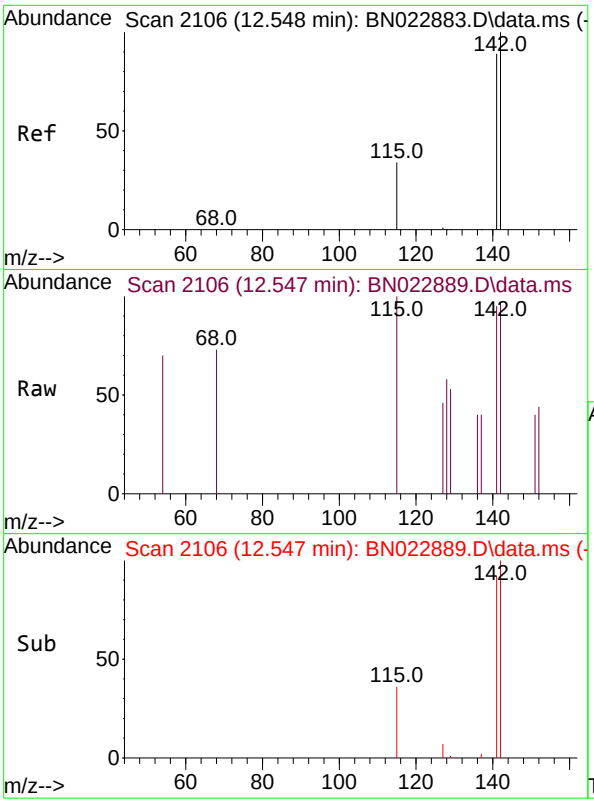


#5
Naphthalene
Concen: 0.581 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:128 Resp: 367

Ion	Ratio	Lower	Upper
128	100		
129	38.8	9.0	13.6#
127	29.3	10.6	16.0#



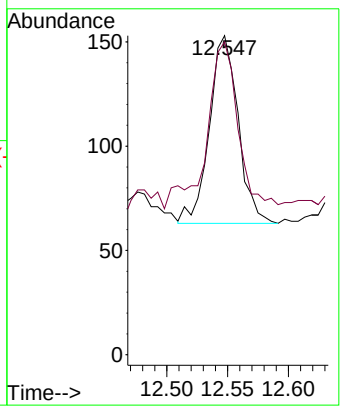


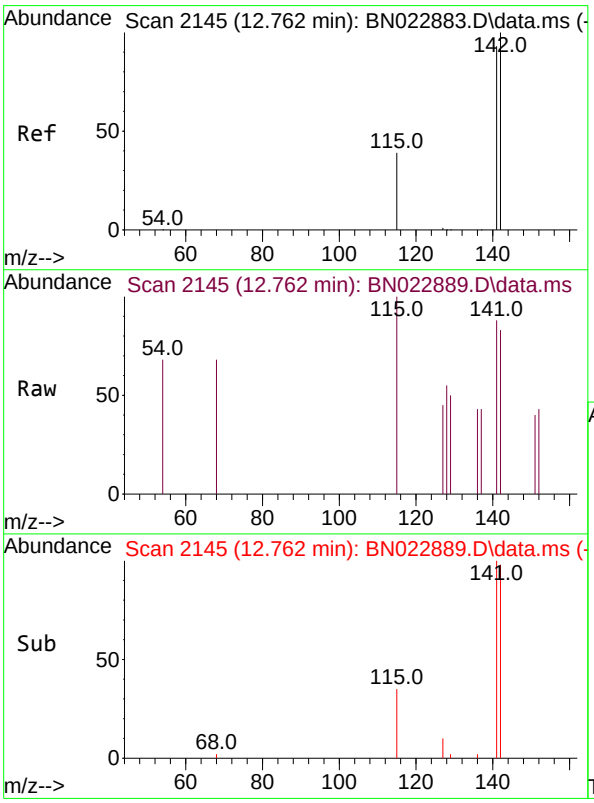
#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Instrument :
BNA_N
ClientSampleId :
H0AA3

Tgt Ion:142 Resp: 148

Ion	Ratio	Lower	Upper
142	100		
141	83.8	71.6	107.4

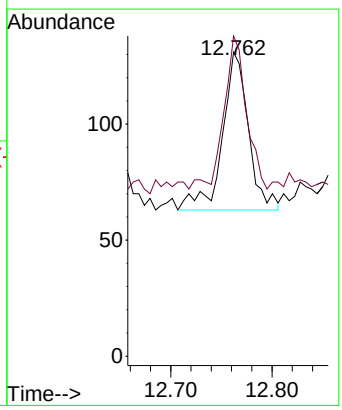


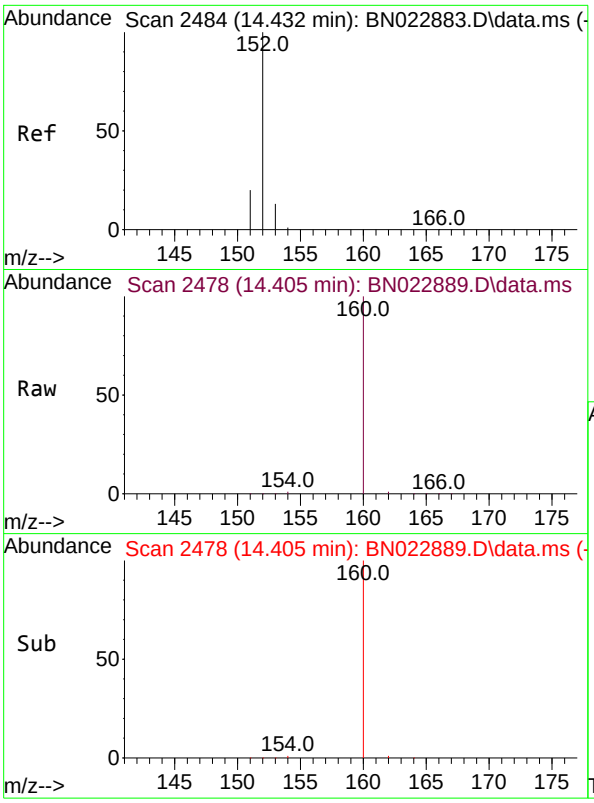


#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:142 Resp: 122

Ion	Ratio	Lower	Upper
142	100		
141	86.1	73.8	110.6



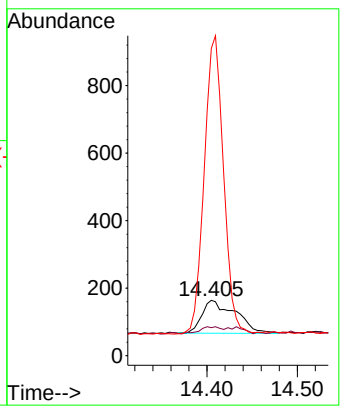


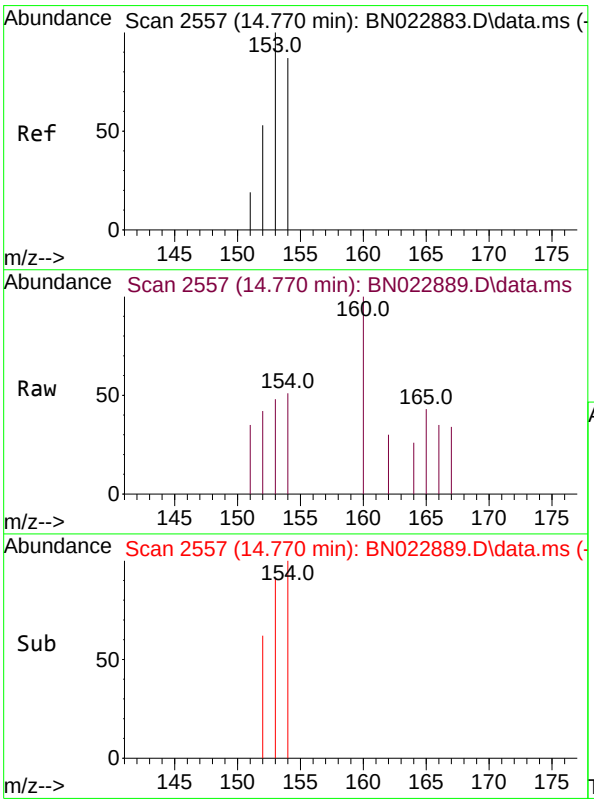
#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.405 min Scan# 24
Delta R.T. -0.028 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Instrument :
BNA_N
ClientSampleId :
H0AA3

Tgt Ion:152 Resp: 252

Ion	Ratio	Lower	Upper
152	100		
151	50.6	16.0	24.0#
153	554.9	10.5	15.7#

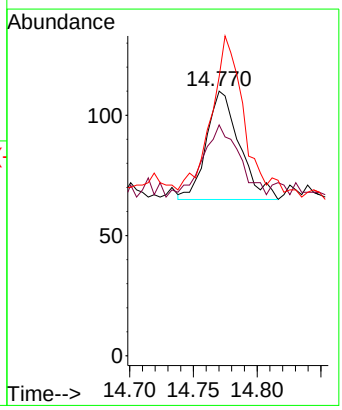


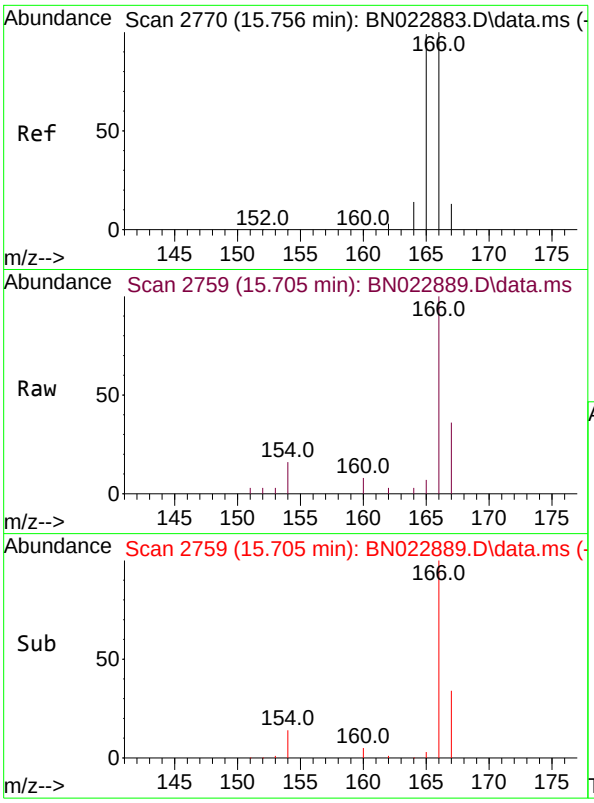


#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.770 min Scan# 2557
Delta R.T. -0.005 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:153 Resp: 81

Ion	Ratio	Lower	Upper
153	100		
152	87.3	41.8	62.8#
154	105.5	71.3	106.9



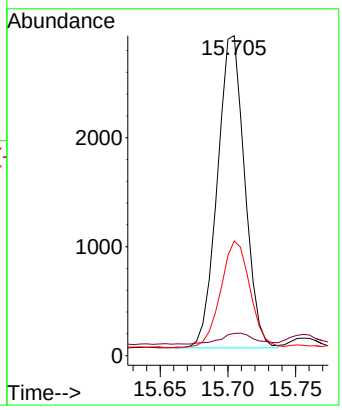


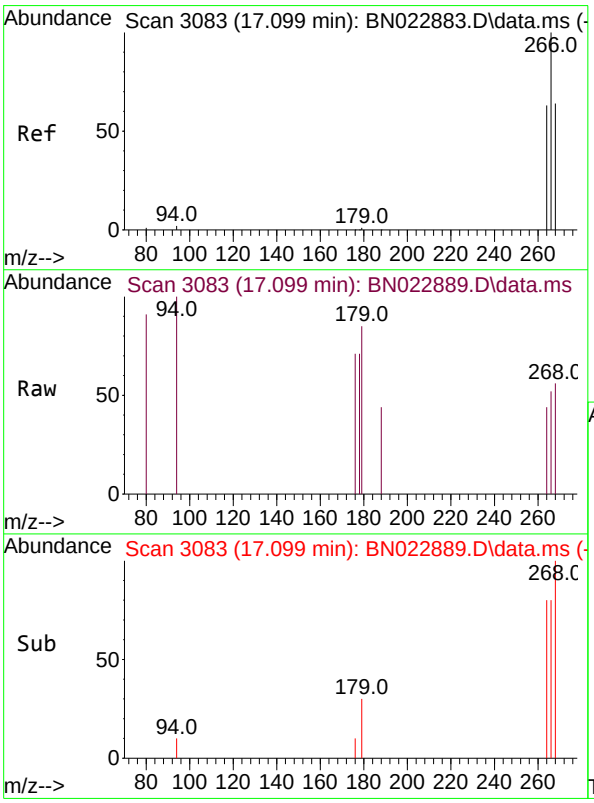
#12
Fluorene
Concen: 1.420 ng/ul
RT: 15.705 min Scan# 2
Delta R.T. -0.051 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Instrument :
BNA_N
ClientSampleId :
H0AA3

Tgt Ion:166 Resp: 4005

Ion	Ratio	Lower	Upper
166	100		
165	6.9	78.7	118.1#
167	35.9	10.8	16.2#

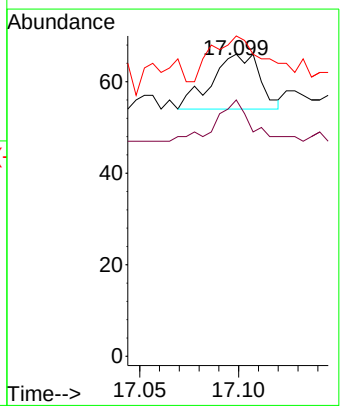


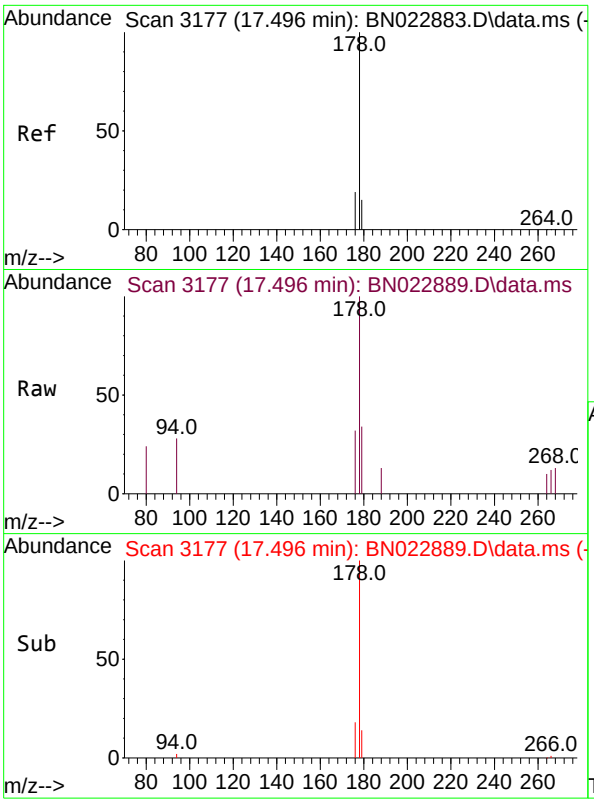


#14
Pentachlorophenol
Concen: 0.098 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
264	85.0	0.0	0.0#
268	125.0	0.0	0.0#



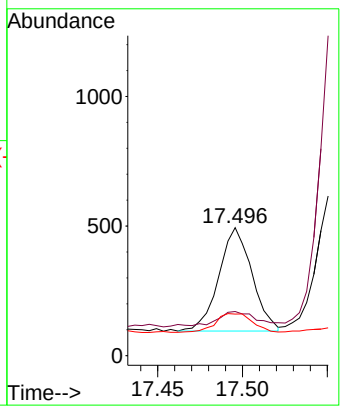


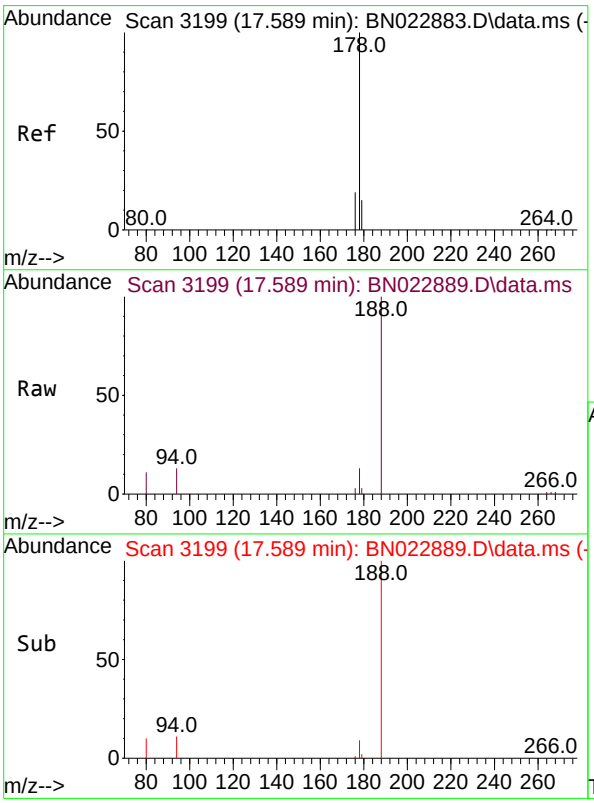
#15
Phenanthrene
Concen: 0.162 ng/ul
RT: 17.496 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Instrument :
BNA_N
ClientSampleId :
H0AA3

Tgt Ion:178 Resp: 542

Ion	Ratio	Lower	Upper
178	100		
179	34.4	12.5	18.7#
176	32.4	15.9	23.9#

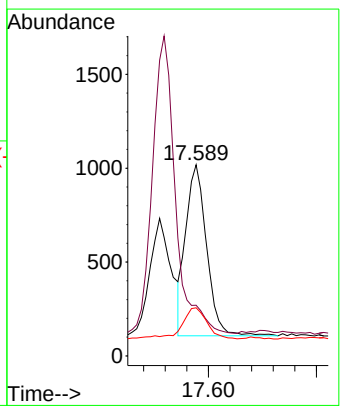


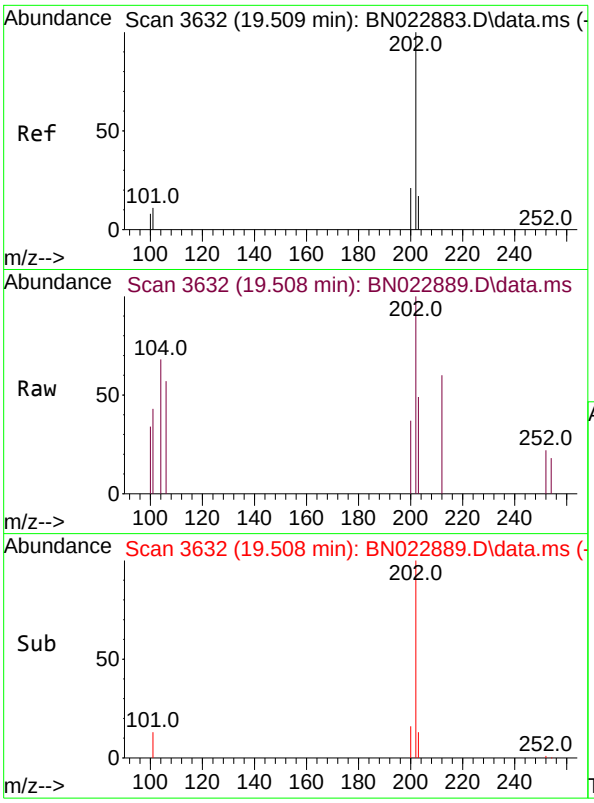


#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:178 Resp: 1225

Ion	Ratio	Lower	Upper
178	100		
179	26.5	12.6	18.8#
176	25.1	15.3	22.9#



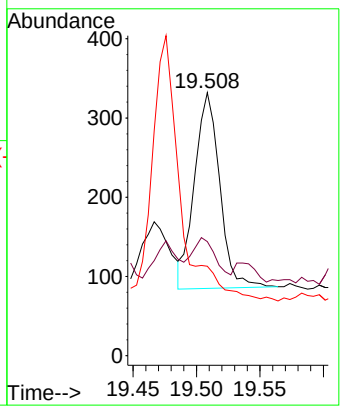


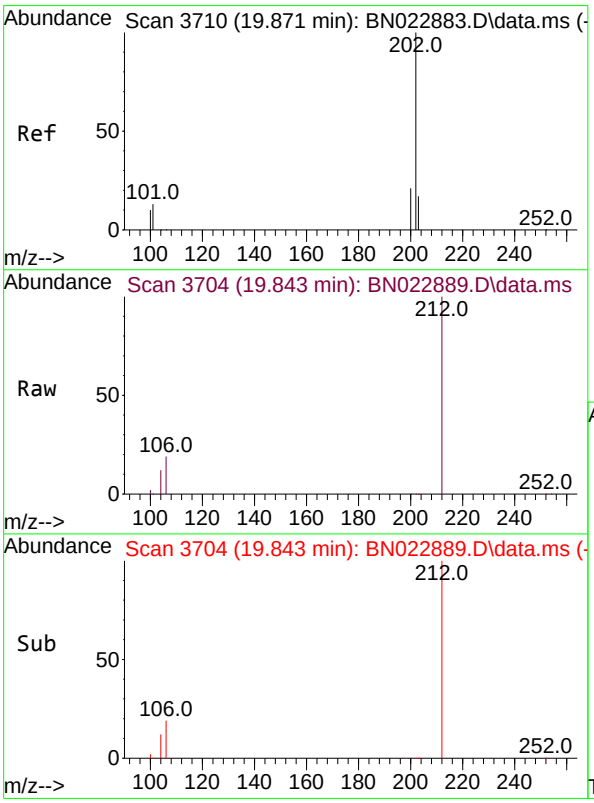
#19
Fluoranthene
Concen: 0.192 ng/ul
RT: 19.508 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Instrument :
BNA_N
ClientSampleId :
H0AA3

Tgt Ion:202 Resp: 341

Ion	Ratio	Lower	Upper
202	100		
101	43.4	9.2	13.8#
100	34.0	6.9	10.3#

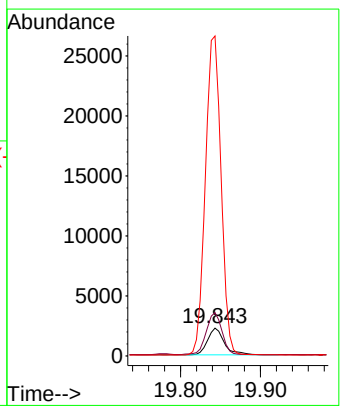


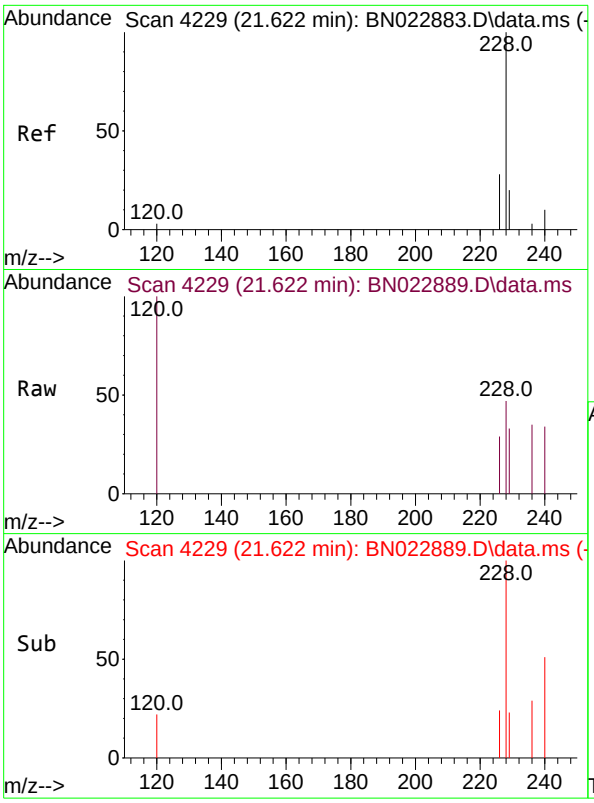


#20
Pyrene
Concen: 1.870 ng/ul
RT: 19.843 min Scan# 3704
Delta R.T. -0.028 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:202 Resp: 3247

Ion	Ratio	Lower	Upper
202	100		
101	155.5	10.6	16.0#
100	1151.5	8.2	12.4#



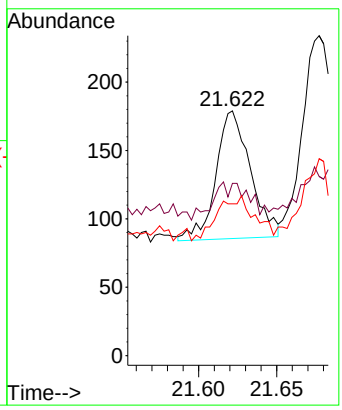


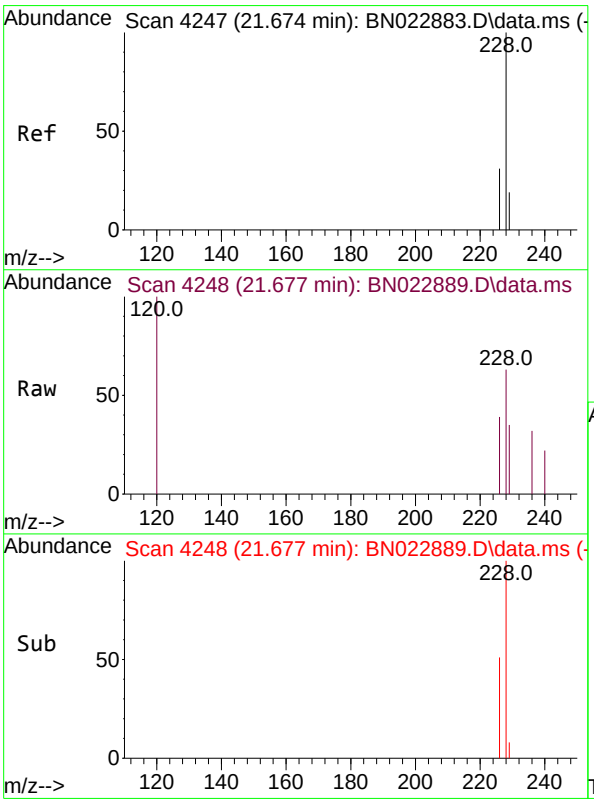
#21
Benzo(a)anthracene
Concen: 0.110 ng/ul
RT: 21.622 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Instrument :
BNA_N
ClientSampleId :
H0AA3

Tgt Ion:228 Resp: 144

Ion	Ratio	Lower	Upper
228	100		
229	70.4	15.5	23.3#
226	62.0	22.2	33.4#





#22
Chrysene
Concen: 0.137 ng/ul
RT: 21.677 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:228 Resp: 197

Ion	Ratio	Lower	Upper
228	100		
226	61.5	24.6	37.0#
229	56.0	15.8	23.8#