Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
Data File : BN022533.D
Acq On : 07 Nov 2022 19:02
Operator : CG/JU
Sample : N5408-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4Y2

Quant Time: Nov 07 23:35:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 23:30:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	2179	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	10398	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.599	164	10721	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.356	188	13651	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.561	240	11541	0.400	ng/ul	# 0.00
23) Perylene-d12	24.014	264	8386	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	18095	6.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	7073	0.450	ng/ul	0.00
18) Fluoranthene-d10	19.396	212	13501	0.348	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	23930	8.230	ng/ul#	82
5) Naphthalene	10.793	128	13406	0.436	ng/ul#	62
7) 2-Methylnaphthalene	12.415	142	6458	0.334	ng/ul#	77
8) 1-Methylnaphthalene	12.635	142	5647	0.284	ng/ul	94
11) Acenaphthene	14.659	153	3632	0.089	ng/ul	89
12) Fluorene	15.653	166	2630	0.056	ng/ul#	44
14) Pentachlorophenol	17.014	266	2283	0.703	ng/ul	98
15) Phenanthrene	17.398	178	4909	0.107	ng/ul#	8
16) Anthracene	17.470	178	4509	0.117	ng/ul#	1
19) Fluoranthene	19.424	202	2827	0.053	ng/ul#	1
20) Pyrene	19.787	202	4707	0.089	ng/ul#	1
26) Benzo(a)pyrene	23.859	252	2792	0.083	ng/ul#	1

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

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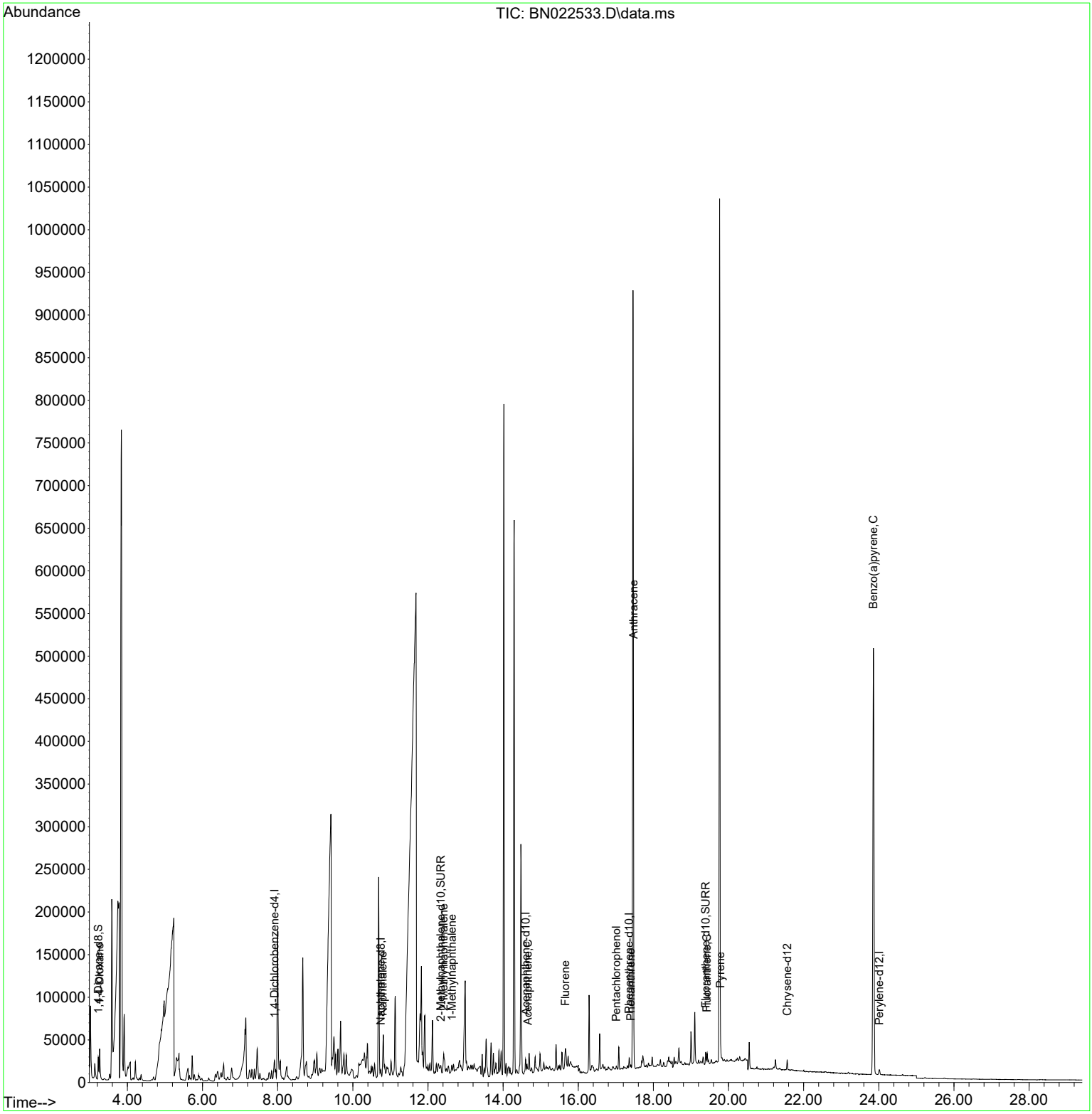
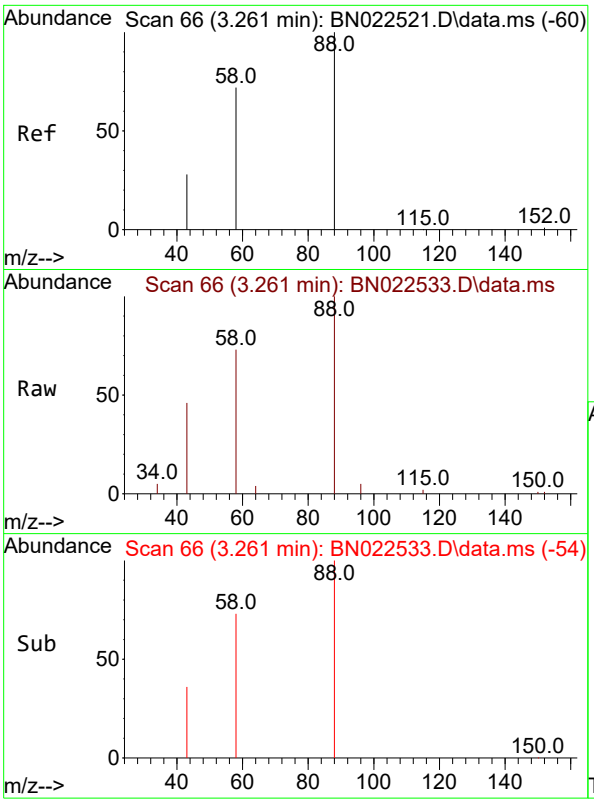


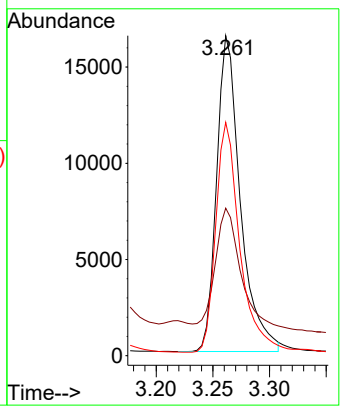


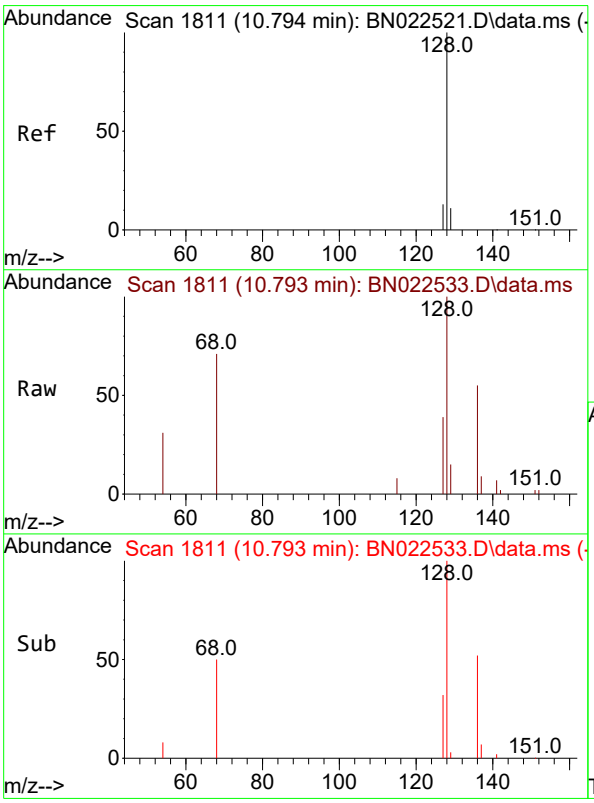
#2
1,4-Dioxane
Concen: 8.230 ng/ul
RT: 3.261 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Instrument :
BNA_N
ClientSampleId :
EW4Y2

Tgt Ion: 88 Resp: 23930

Ion	Ratio	Lower	Upper
88	100		
43	46.1	27.4	41.2#
58	72.9	48.2	72.2#

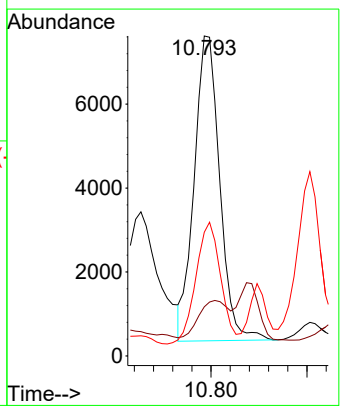


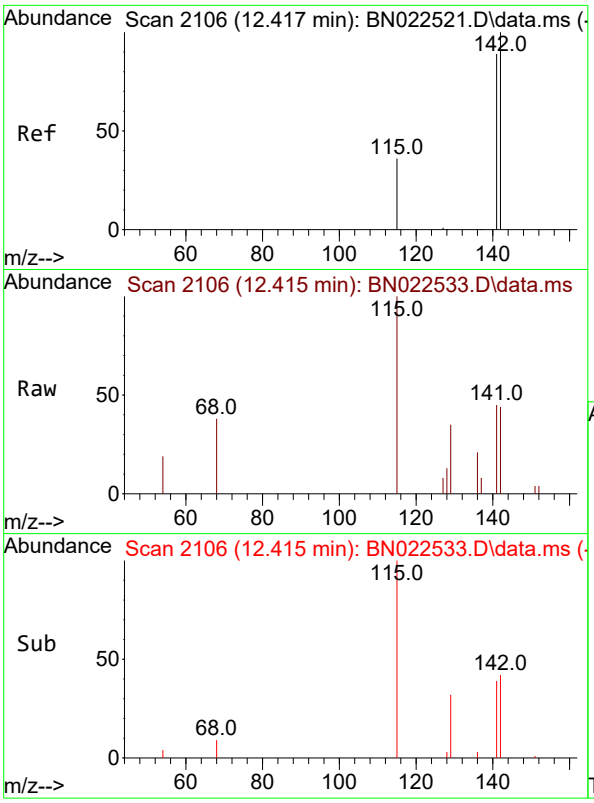


#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.793 min Scan# 1811
Delta R.T. -0.001 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Tgt Ion:128 Resp: 13406

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.3	13.9#
127	38.7	10.7	16.1#



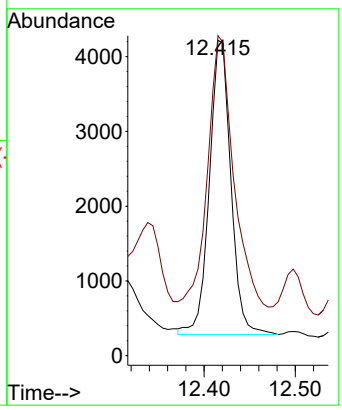


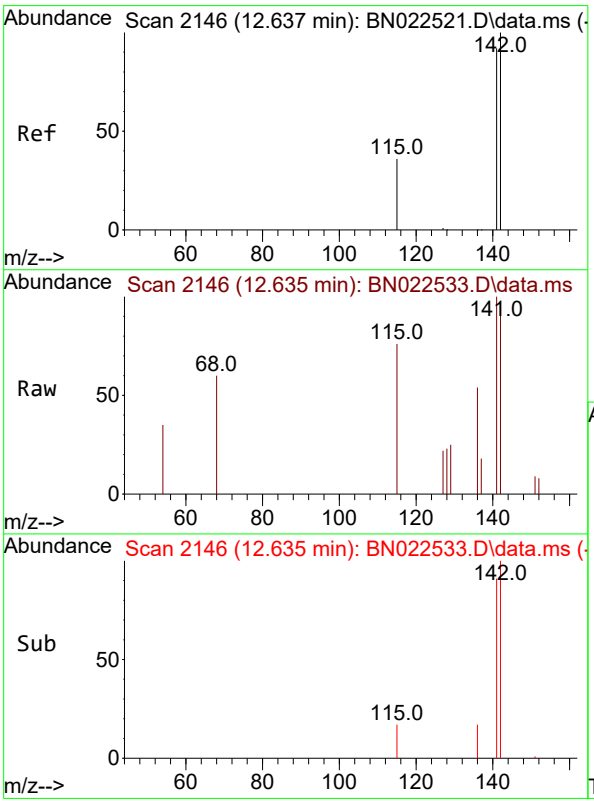
#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.415 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Instrument :
BNA_N
ClientSampleId :
EW4Y2

Tgt Ion:142 Resp: 6458

Ion	Ratio	Lower	Upper
142	100		
141	110.7	71.1	106.7#

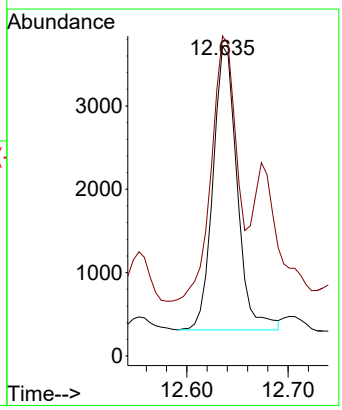


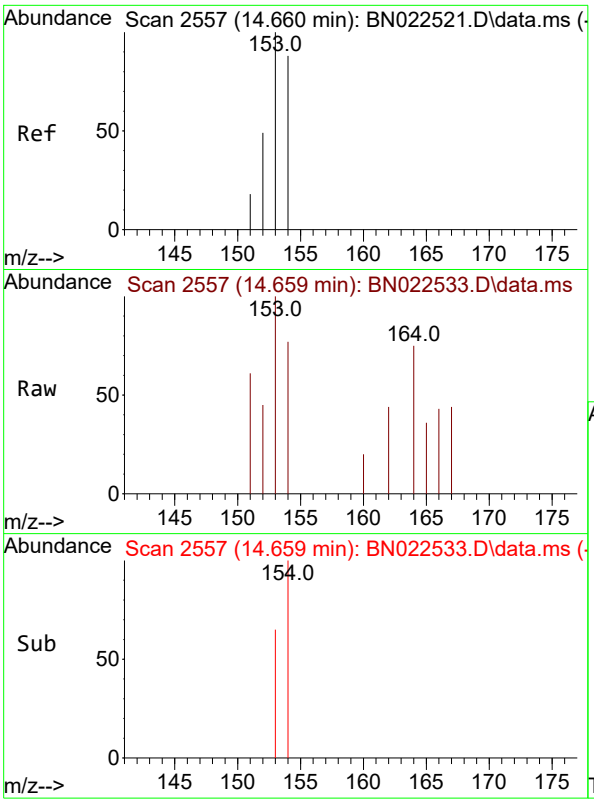


#8
1-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.635 min Scan# 2146
Delta R.T. -0.001 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Tgt Ion:142 Resp: 5647

Ion	Ratio	Lower	Upper
142	100		
141	97.4	73.3	109.9



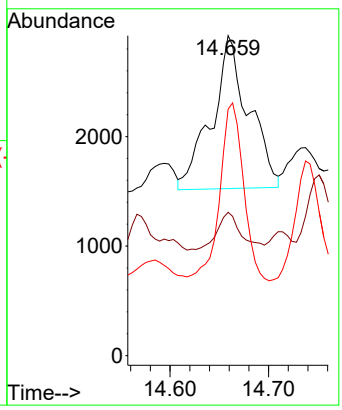


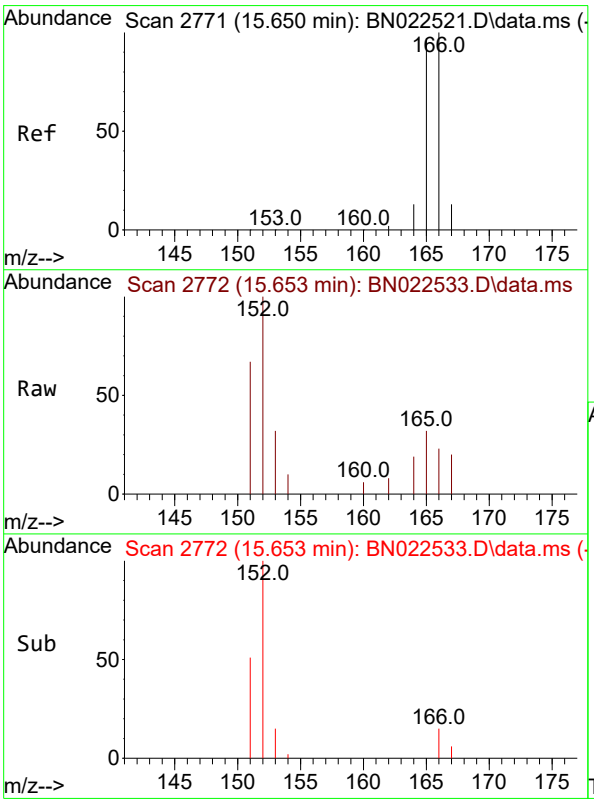
#11
Acenaphthene
Concen: 0.089 ng/ul
RT: 14.659 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Instrument :
BNA_N
ClientSampleId :
EW4Y2

Tgt Ion:153 Resp: 3632

Ion	Ratio	Lower	Upper
153	100		
152	44.8	40.6	61.0
154	77.0	70.6	106.0

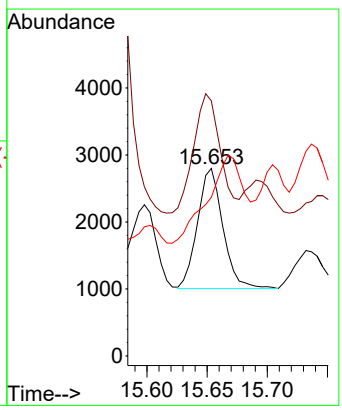


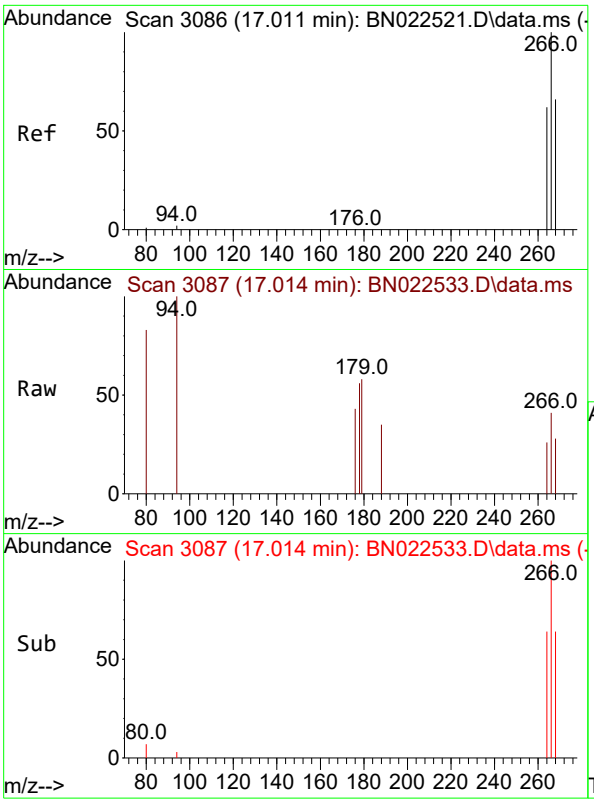


#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.653 min Scan# 2772
Delta R.T. 0.003 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Tgt Ion:166 Resp: 2630

Ion	Ratio	Lower	Upper
166	100		
165	136.1	78.2	117.2#
167	84.6	11.0	16.4#



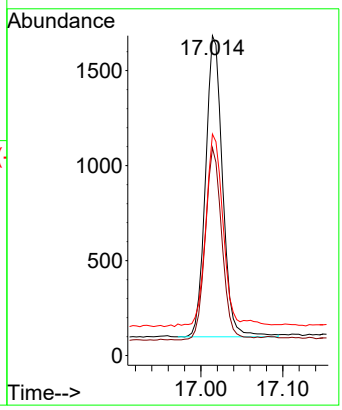


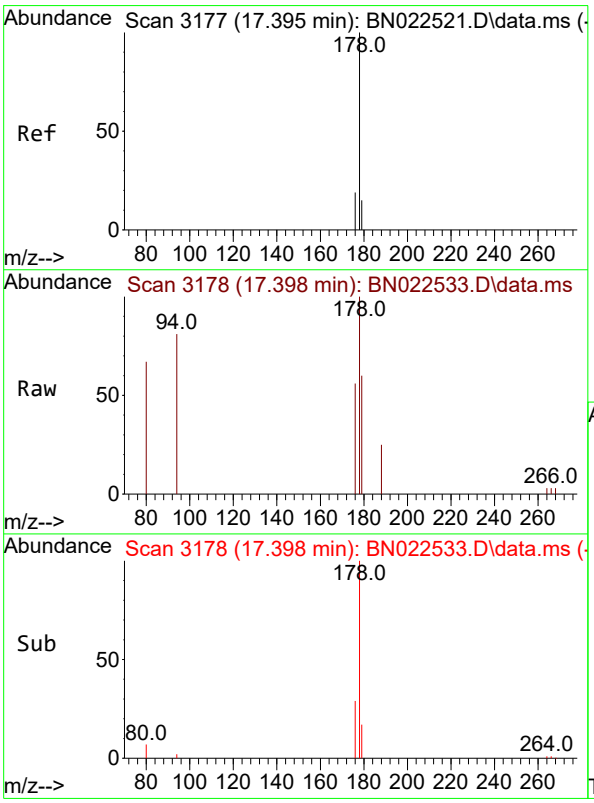
#14
Pentachlorophenol
Concen: 0.703 ng/ul
RT: 17.014 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Instrument :
BNA_N
ClientSampleId :
EW4Y2

Tgt Ion:266 Resp: 2283

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.8	74.6
268	66.5	51.4	77.2

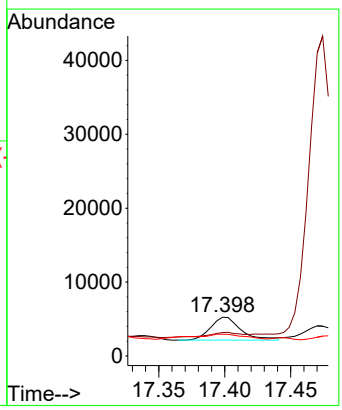


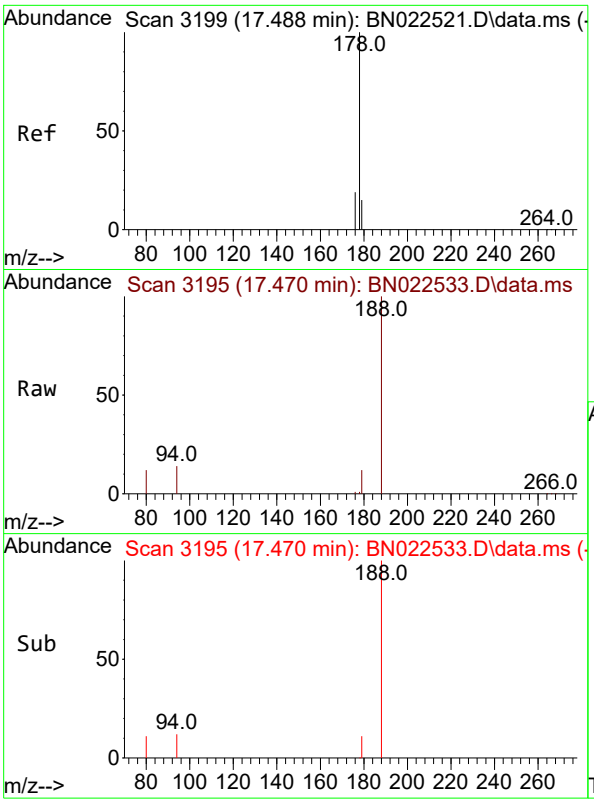


#15
Phenanthrene
Concen: 0.107 ng/ul
RT: 17.398 min Scan# 3178
Delta R.T. 0.003 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Tgt Ion:178 Resp: 4909

Ion	Ratio	Lower	Upper
178	100		
179	60.1	12.7	19.1#
176	56.4	15.4	23.2#



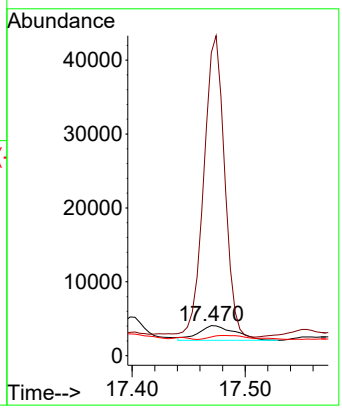


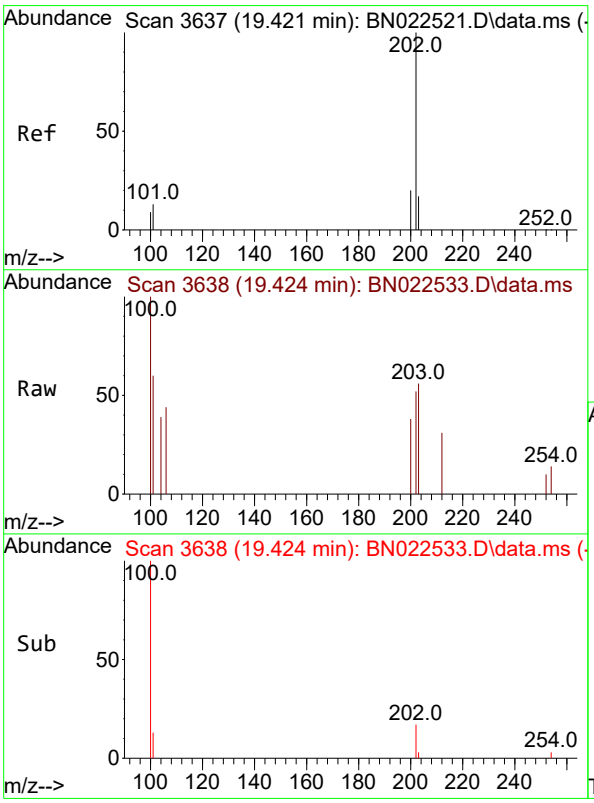
#16
Anthracene
Concen: 0.117 ng/ul
RT: 17.470 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Instrument :
BNA_N
ClientSampleId :
EW4Y2

Tgt Ion:178 Resp: 4509

Ion	Ratio	Lower	Upper
178	100		
179	1008.2	12.6	18.8#
176	62.4	15.0	22.6#

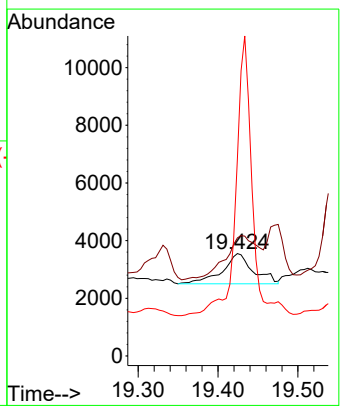


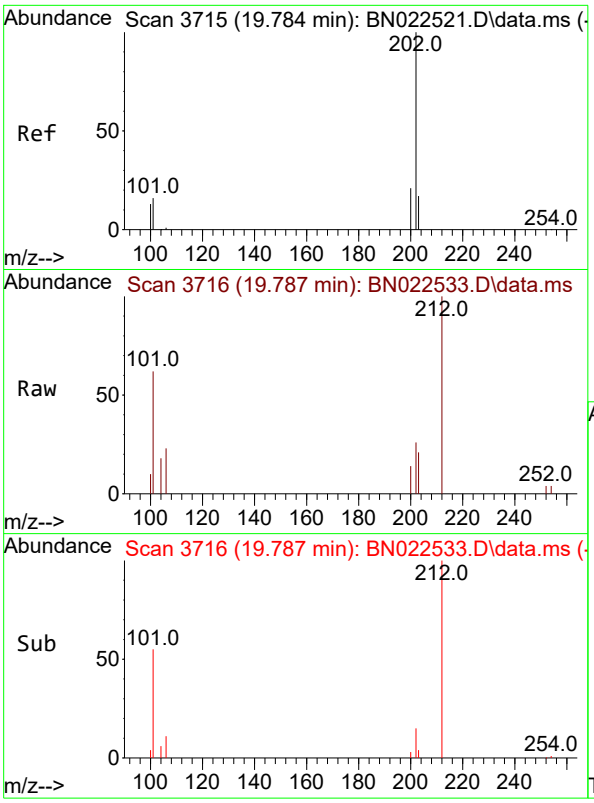


#19
Fluoranthene
Concen: 0.053 ng/ul
RT: 19.424 min Scan# 3638
Delta R.T. 0.003 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Tgt Ion:202 Resp: 2827

Ion	Ratio	Lower	Upper
202	100		
101	115.3	11.8	17.6#
100	192.6	8.7	13.1#



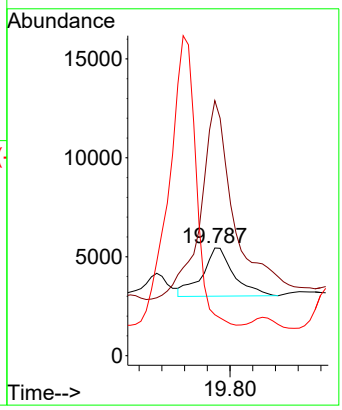


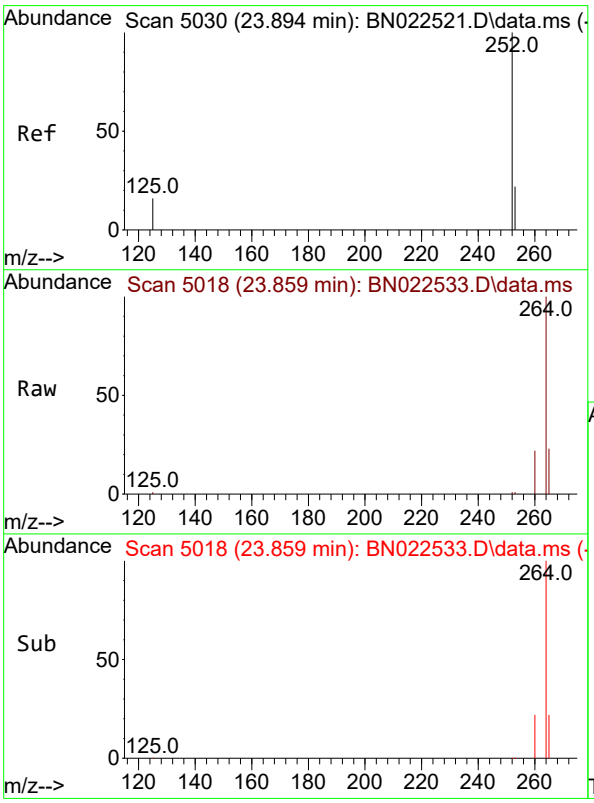
#20
Pyrene
Concen: 0.089 ng/ul
RT: 19.787 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Instrument :
BNA_N
ClientSampleId :
EW4Y2

Tgt Ion:202 Resp: 4707

Ion	Ratio	Lower	Upper
202	100		
101	236.7	13.1	19.7#
100	38.1	10.6	16.0#





#26
Benzo(a)pyrene
Concen: 0.083 ng/ul
RT: 23.859 min Scan# 5018
Delta R.T. -0.035 min
Lab File: BN022533.D
Acq: 07 Nov 2022 19:02

Tgt Ion:252 Resp: 2792

Ion	Ratio	Lower	Upper
252	100		
253	88.3	21.0	31.6#
125	91.5	17.9	26.9#