Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024209.D
Acq On : 09 Mar 2023 20:55
Operator : CG/JU
Sample : 01746-05DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAD5DL

Quant Time: Mar 10 02:25:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 08:02:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	9566	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	28753	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	16027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	32895	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	22225	0.400	ng/ul	0.00
23) Perylene-d12	24.120	264	16791	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4039	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2141	0.063	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	4493	0.076	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.922	128	2565528	35.747	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	150704	3.461	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	92588	2.023	ng/ul	100
10) Acenaphthylene	14.407	152	33161	0.496	ng/ul	99
11) Acenaphthene	14.749	153	128094	2.486	ng/ul	98
12) Fluorene	15.735	166	173408	3.014	ng/ul	100
14) Pentachlorophenol	17.076	266	6172	0.676	ng/ul#	73
15) Phenanthrene	17.472	178	86017	0.913	ng/ul	100
16) Anthracene	17.565	178	6588	0.080	ng/ul	97
19) Fluoranthene	19.483	202	11009	0.124	ng/ul	97
20) Pyrene	19.845	202	6891	0.077	ng/ul#	94
26) Benzo(a)pyrene	23.957	252	1227	0.022	ng/ul#	1

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

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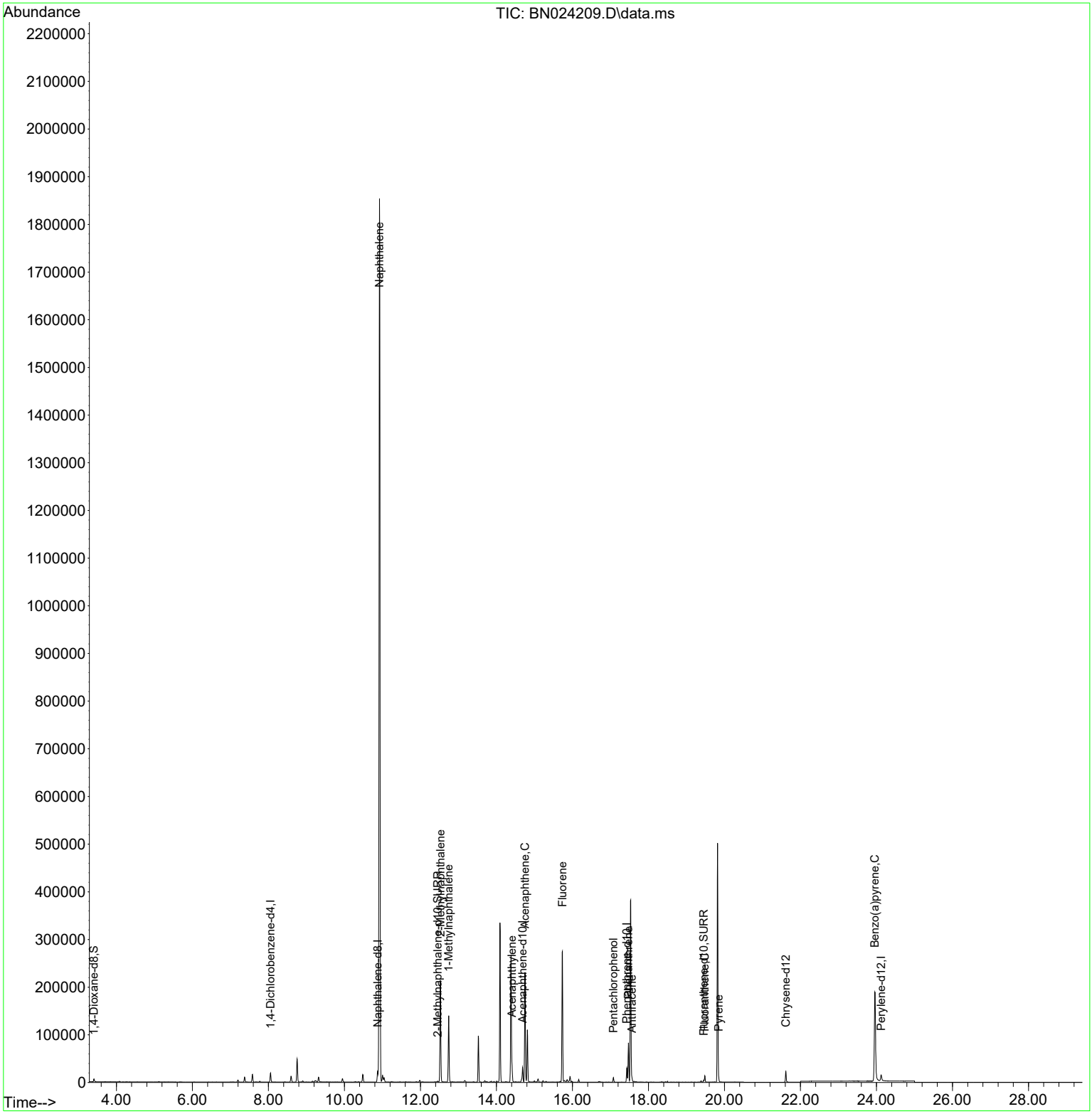
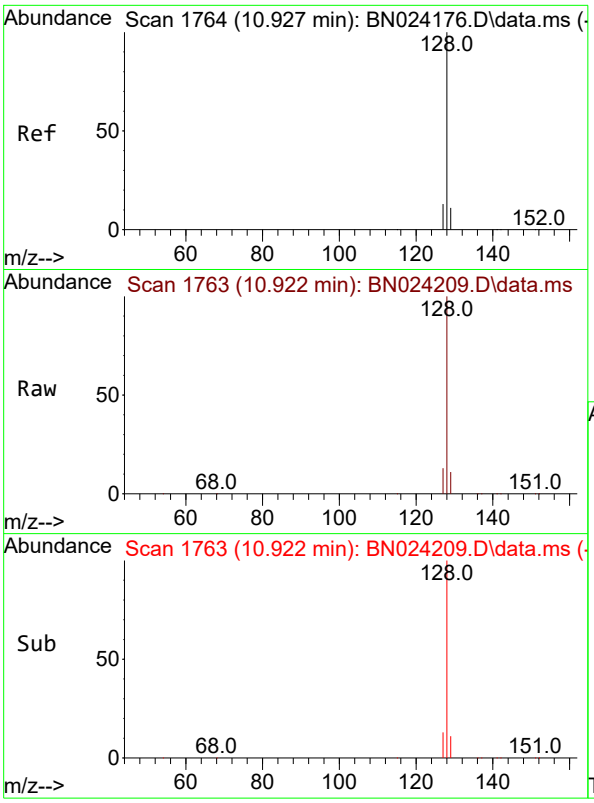


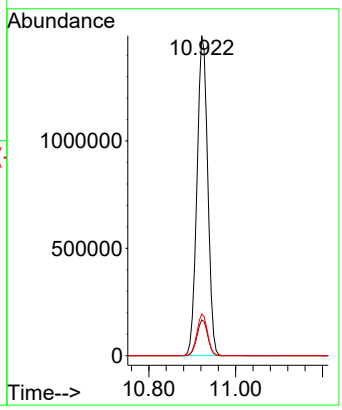


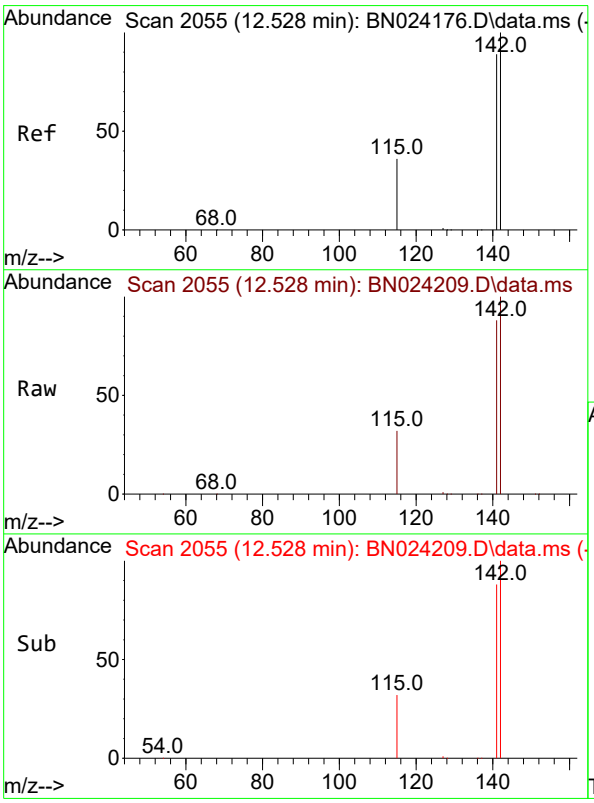
#5
Naphthalene
Concen: 35.747 ng/ul
RT: 10.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Instrument :
BNA_N
ClientSampleId :
DCAD5DL

Tgt Ion:128 Resp: 2565528

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.0	10.5	15.7

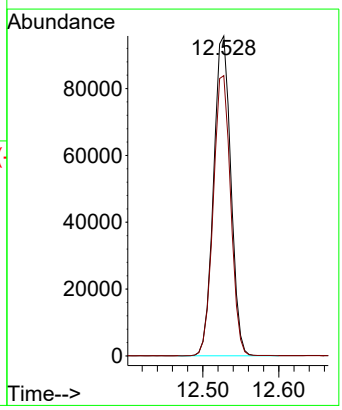


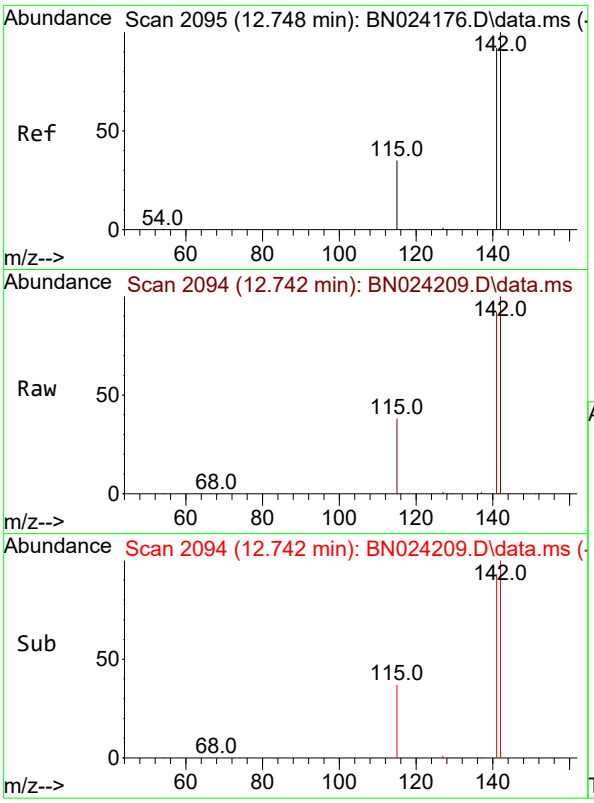


#7
2-Methylnaphthalene
Concen: 3.461 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Tgt Ion:142 Resp: 150704

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5



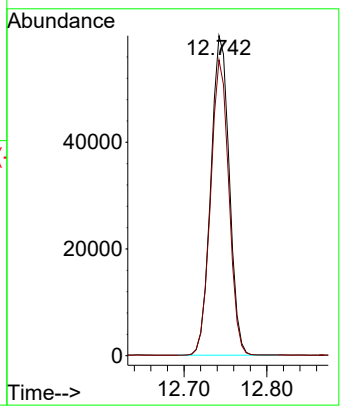


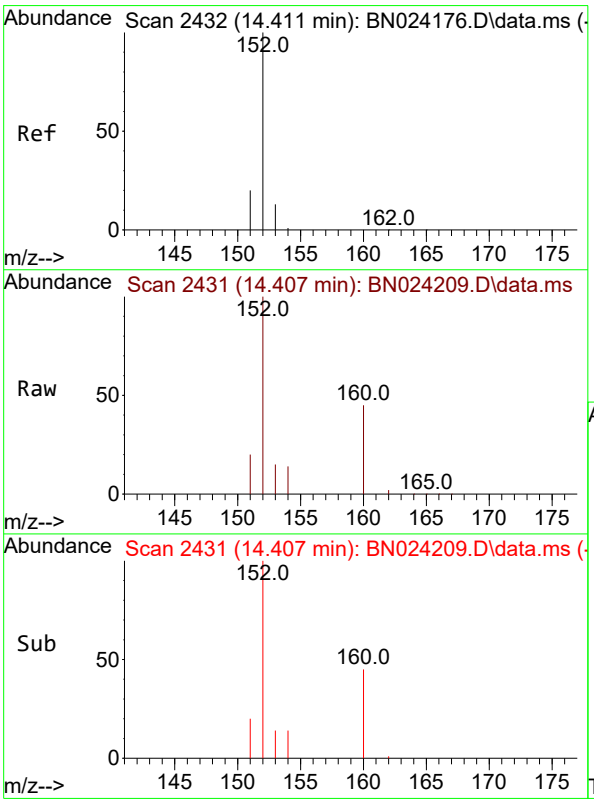
#8
1-Methylnaphthalene
Concen: 2.023 ng/ul
RT: 12.742 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Instrument :
BNA_N
ClientSampleId :
DCAD5DL

Tgt Ion:142 Resp: 92588

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6

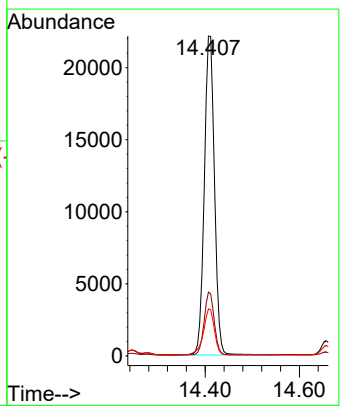


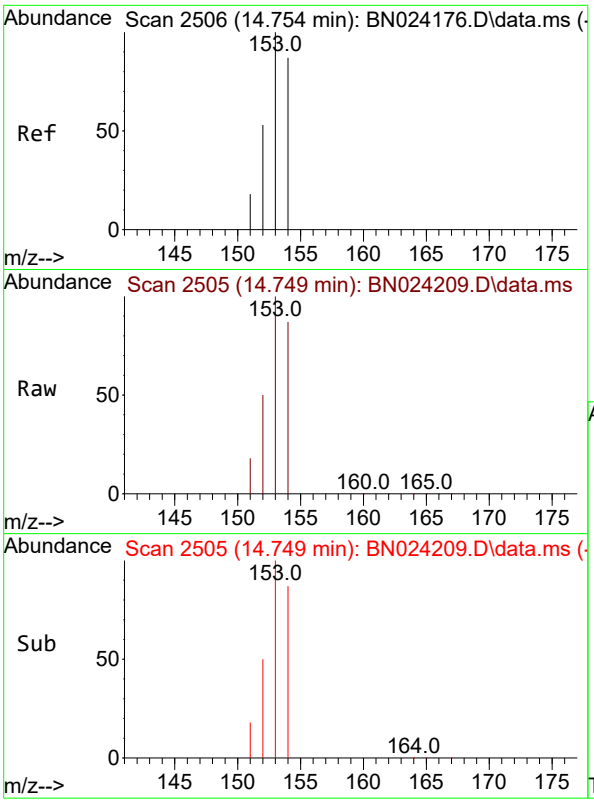


#10
Acenaphthylene
Concen: 0.496 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Tgt Ion:152 Resp: 33161

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	14.7	10.6	16.0



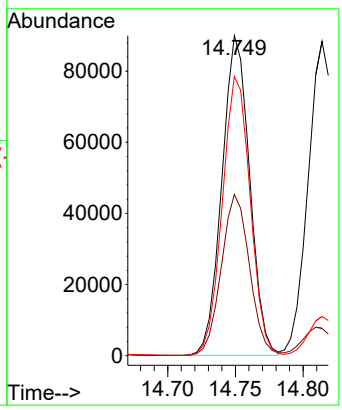


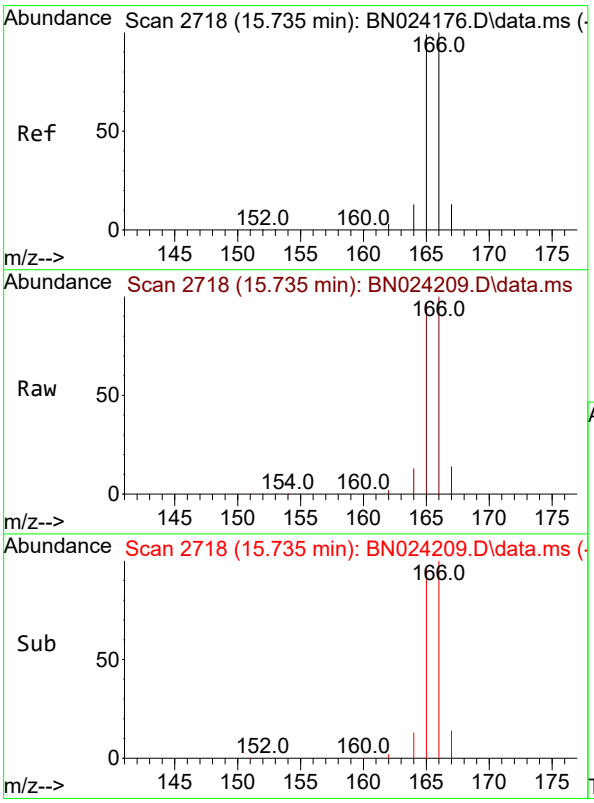
#11
Acenaphthene
Concen: 2.486 ng/ul
RT: 14.749 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Instrument :
BNA_N
ClientSampleId :
DCAD5DL

Tgt Ion:153 Resp: 128094

Ion	Ratio	Lower	Upper
153	100		
152	50.4	42.6	64.0
154	87.3	70.6	105.8

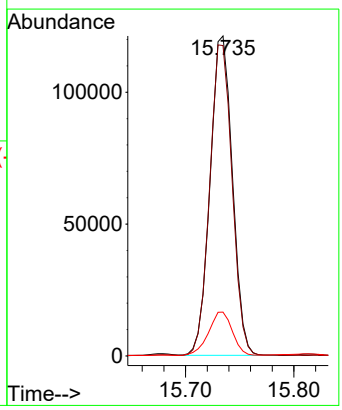


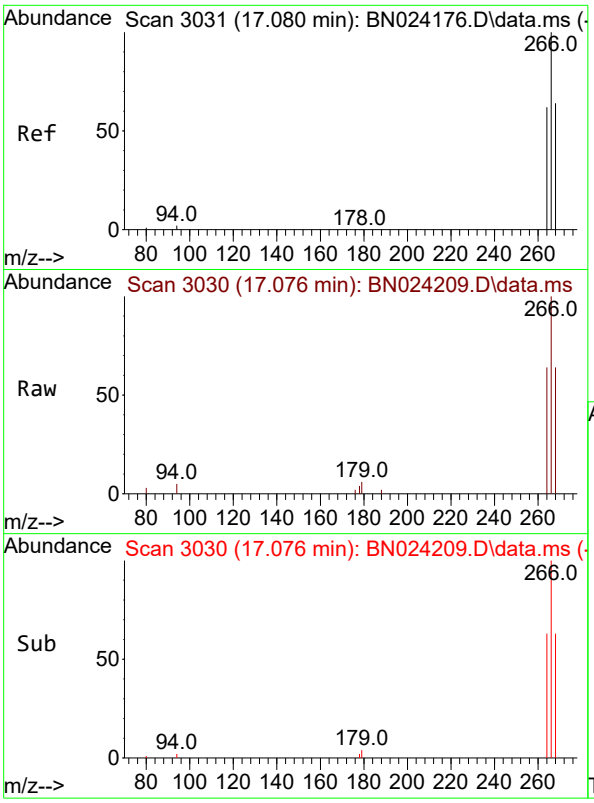


#12
Fluorene
Concen: 3.014 ng/ul
RT: 15.735 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Tgt Ion:166 Resp: 173408

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.4	116.0
167	13.7	10.9	16.3



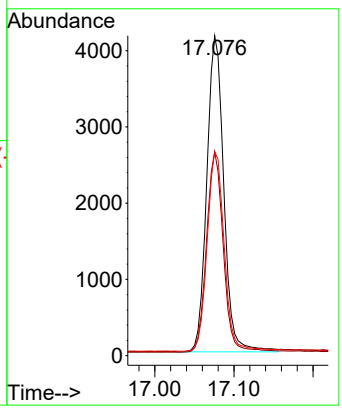


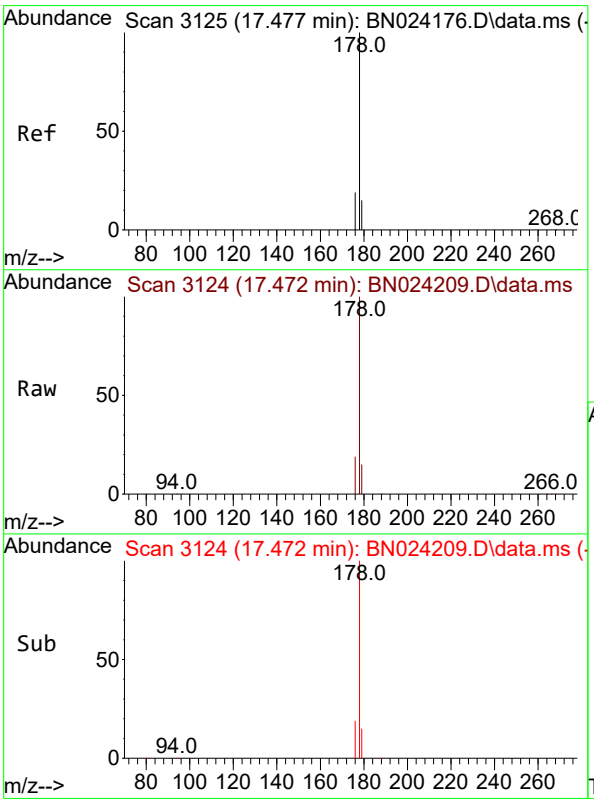
#14
Pentachlorophenol
Concen: 0.676 ng/ul
RT: 17.076 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Instrument :
BNA_N
ClientSampleId :
DCAD5DL

Tgt Ion:266 Resp: 6172

Ion	Ratio	Lower	Upper
266	100		
264	62.6	0.0	0.0#
268	63.5	0.1	0.1#

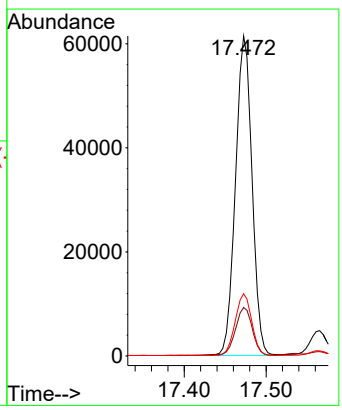


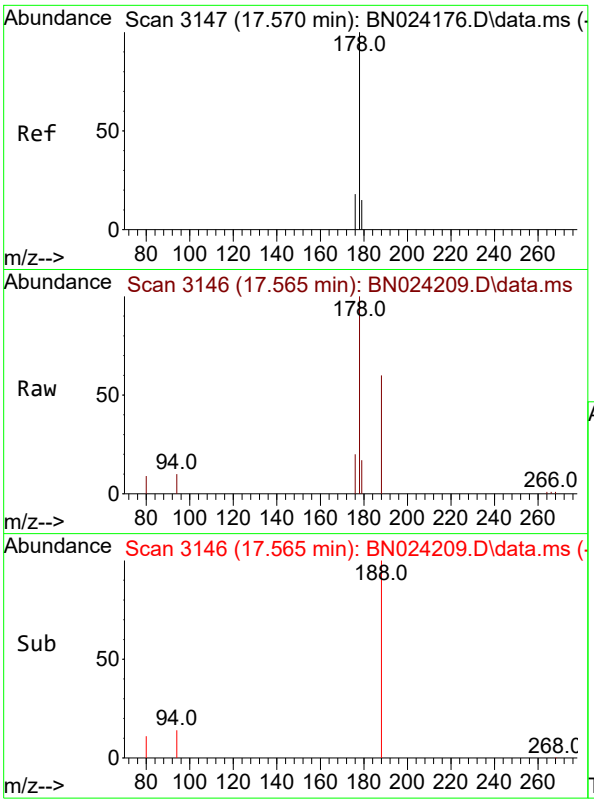


#15
Phenanthrene
Concen: 0.913 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Tgt Ion:178 Resp: 86017

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.5	15.7	23.5



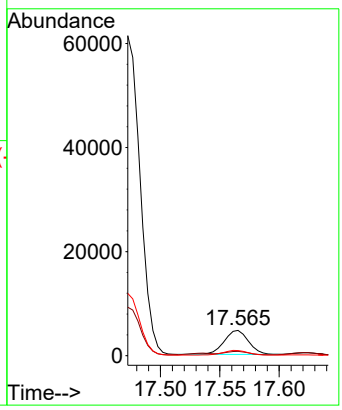


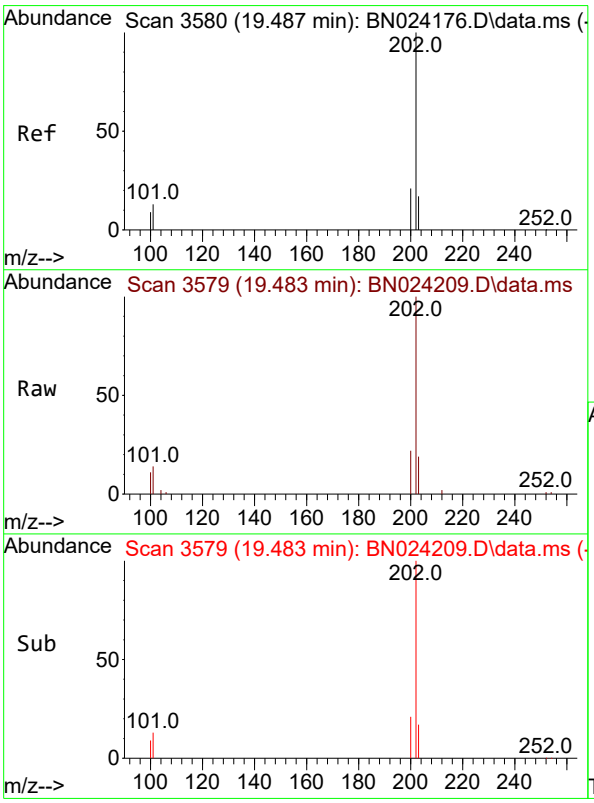
#16
Anthracene
Concen: 0.080 ng/ul
RT: 17.565 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Instrument :
BNA_N
ClientSampleId :
DCAD5DL

Tgt Ion:178 Resp: 6588

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.3	18.5
176	20.5	15.3	22.9

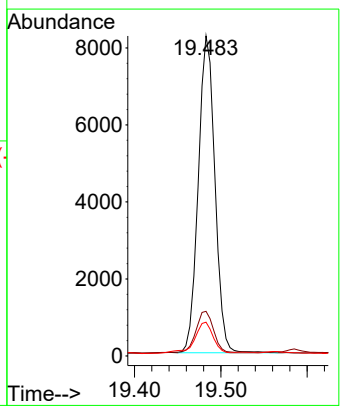


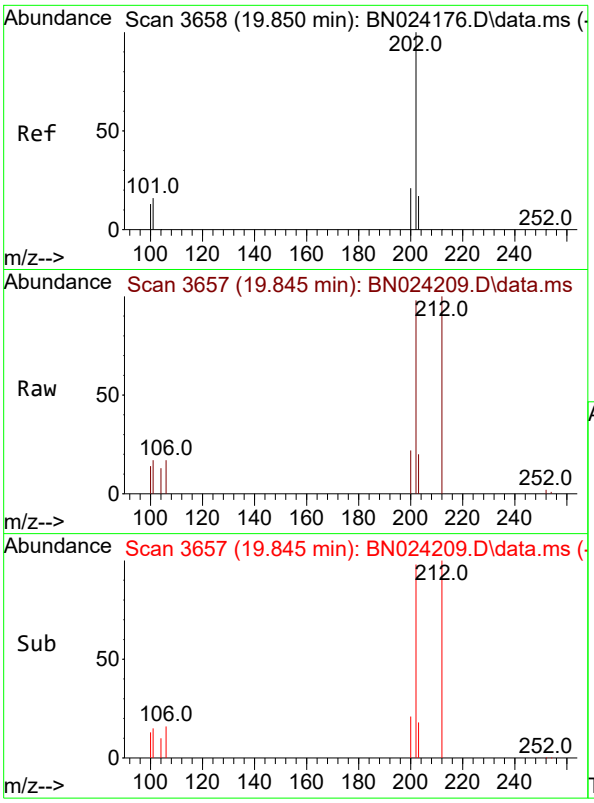


#19
Fluoranthene
Concen: 0.124 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Tgt Ion:202 Resp: 11009

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.4	15.6
100	10.6	7.7	11.5



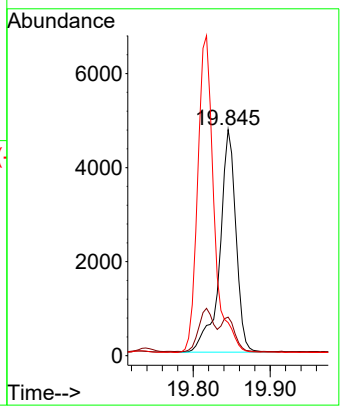


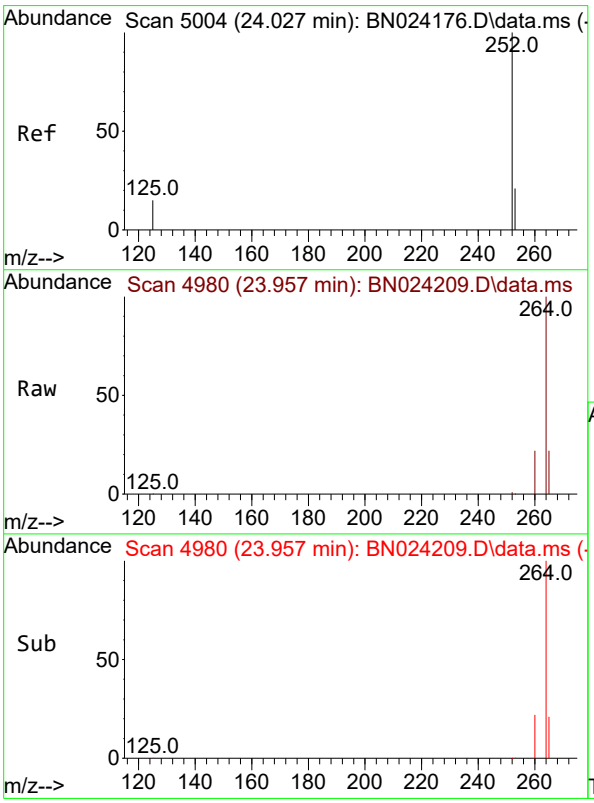
#20
Pyrene
Concen: 0.077 ng/ul
RT: 19.845 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Instrument :
BNA_N
ClientSampleId :
DCAD5DL

Tgt Ion:202 Resp: 6891

Ion	Ratio	Lower	Upper
202	100		
101	17.1	12.1	18.1
100	14.6	9.4	14.0#





#26
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.957 min Scan# 4980
Delta R.T. -0.047 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Tgt Ion:252 Resp: 1227

Ion	Ratio	Lower	Upper
252	100		
253	63.9	19.2	28.8#
125	78.5	15.8	23.6#