Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024202.D
Acq On : 09 Mar 2023 16:35
Operator : CG/JU
Sample : 01746-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAG0

Quant Time: Mar 10 02:24:31 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	8712	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	27201	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	16625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	32810	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	22921	0.400	ng/ul	0.00
23) Perylene-d12	24.141	264	16949	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	43742	4.562	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	10399	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	23930	0.392	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.927	128	5860084	86.310	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	319584	7.759	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	290003	6.699	ng/ul	100
10) Acenaphthylene	14.411	152	45385	0.654	ng/ul	98
11) Acenaphthene	14.754	153	676095	12.651	ng/ul	96
12) Fluorene	15.734	166	454110	7.609	ng/ul	99
14) Pentachlorophenol	17.080	266	16063	1.763	ng/ul#	73
15) Phenanthrene	17.472	178	615193	6.546	ng/ul	100
16) Anthracene	17.565	178	48322	0.586	ng/ul	98
19) Fluoranthene	19.483	202	10229	0.112	ng/ul#	93
20) Pyrene	19.850	202	7437	0.080	ng/ul#	88

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

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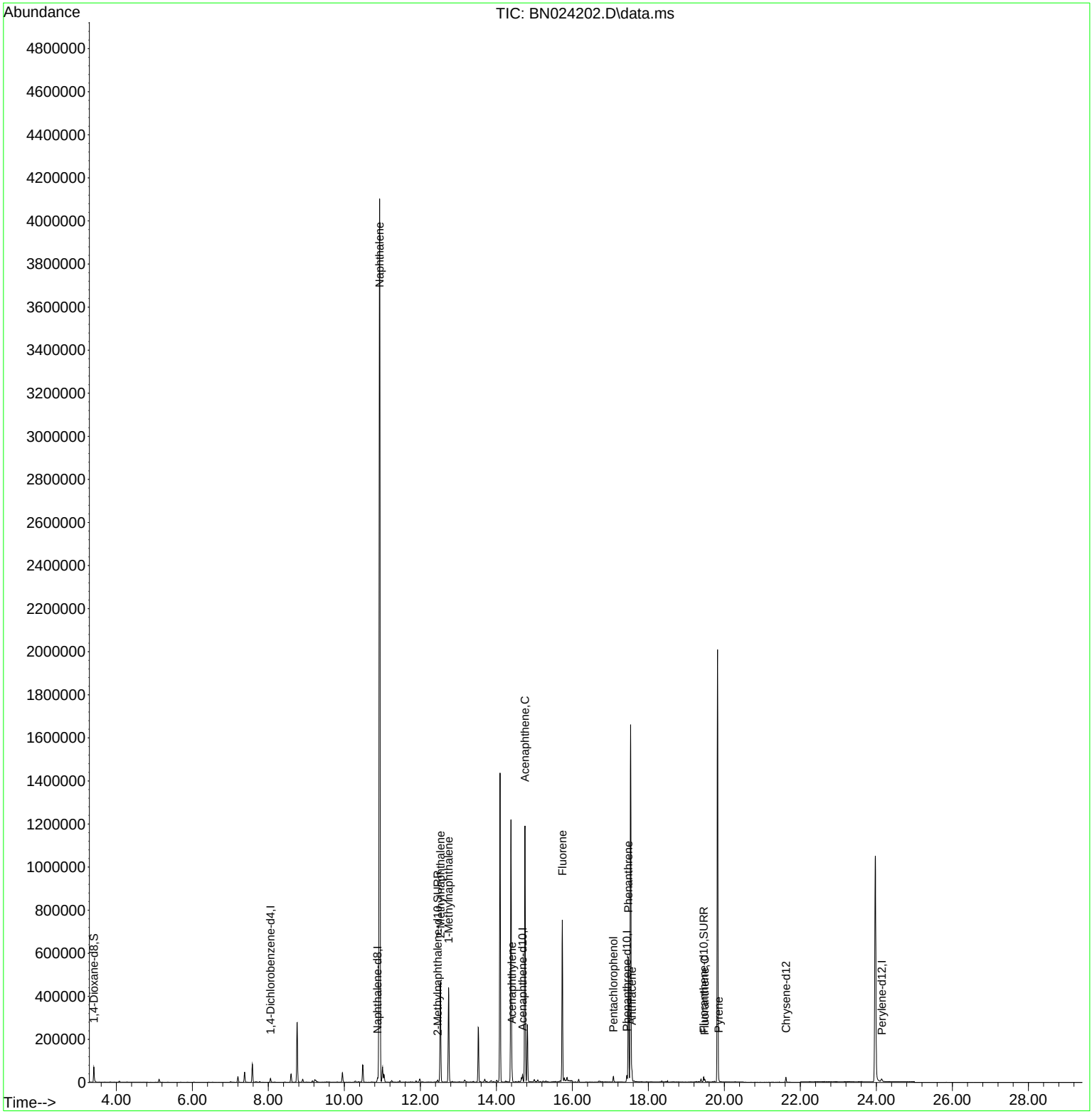
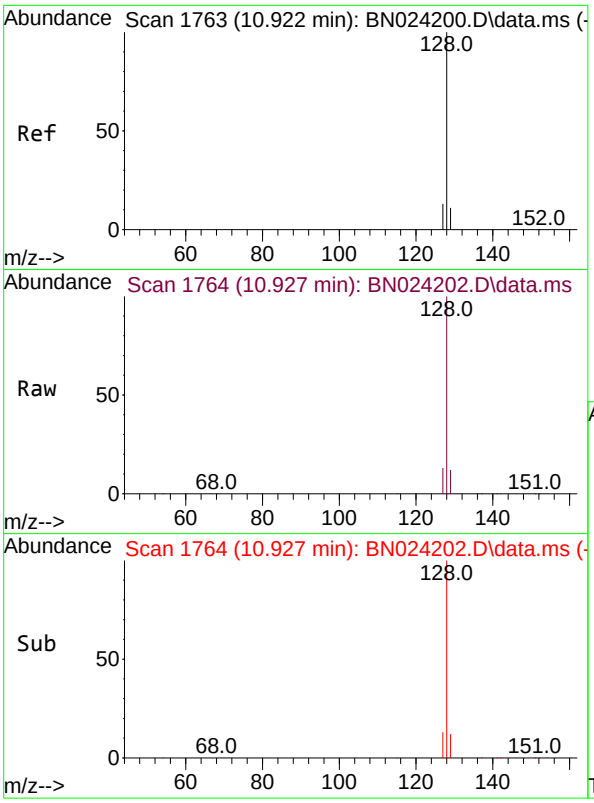


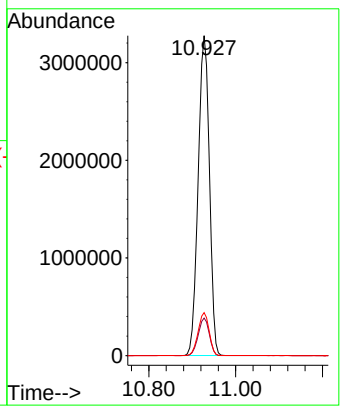


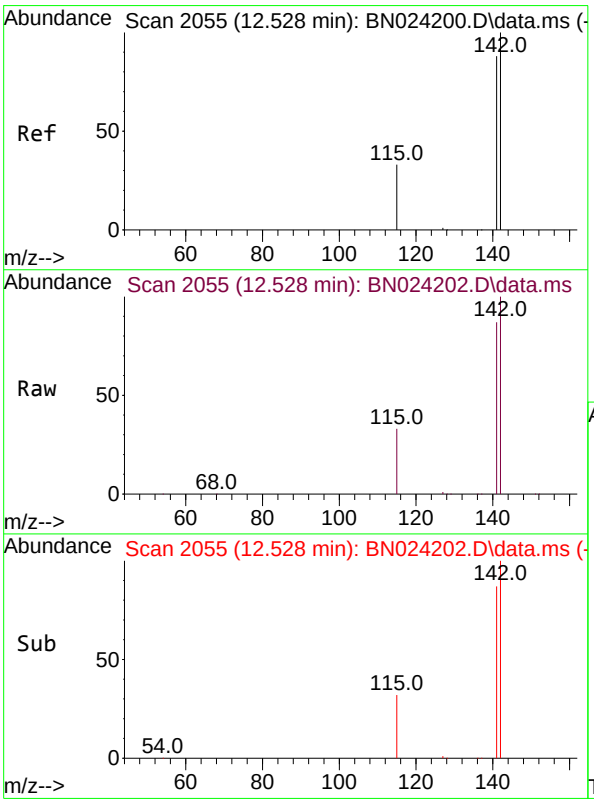
#5
Naphthalene
Concen: 86.310 ng/ul
RT: 10.927 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Instrument :
BNA_N
ClientSampleId :
DCAG0

Tgt Ion:128 Resp: 5860084

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.4	10.5	15.7

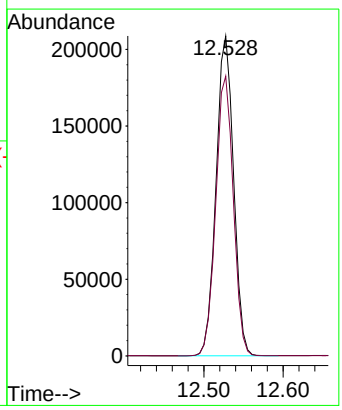


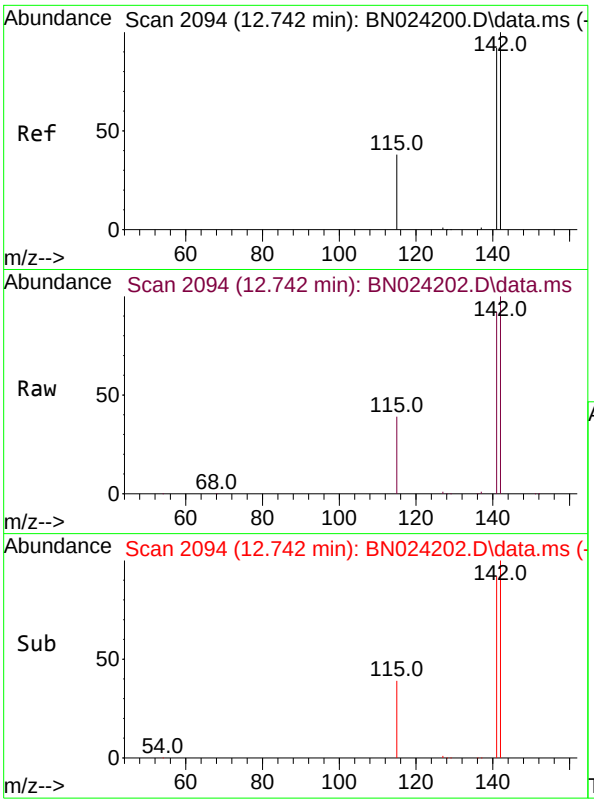


#7
2-Methylnaphthalene
Concen: 7.759 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Tgt Ion:142 Resp: 319584

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5



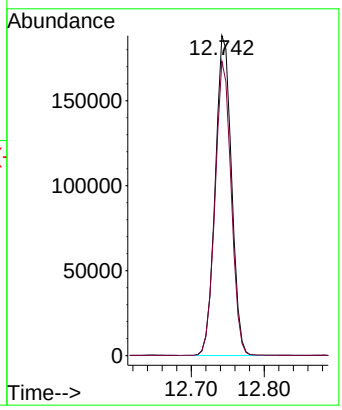


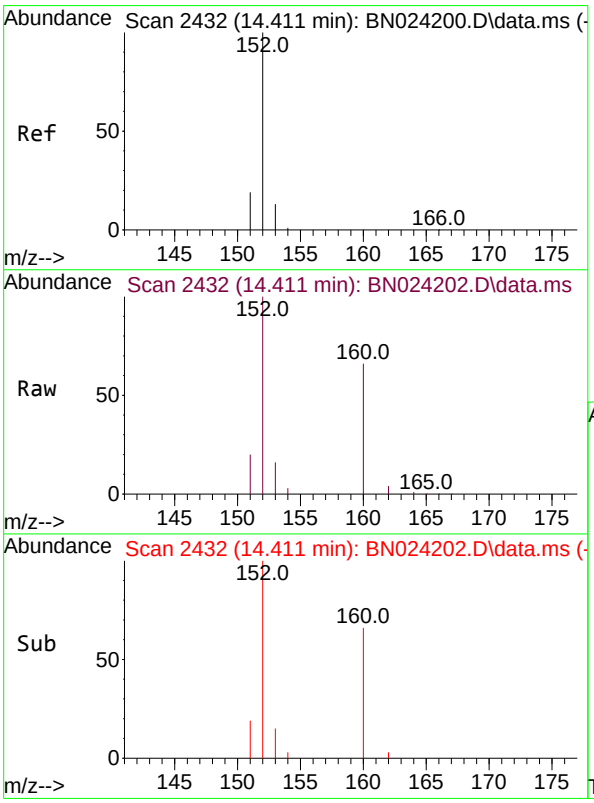
#8
1-Methylnaphthalene
Concen: 6.699 ng/ul
RT: 12.742 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Instrument :
BNA_N
ClientSampleId :
DCAG0

Tgt Ion:142 Resp: 290003

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.6

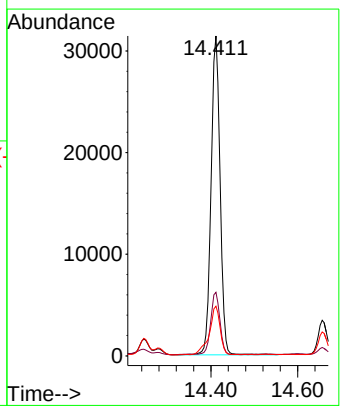


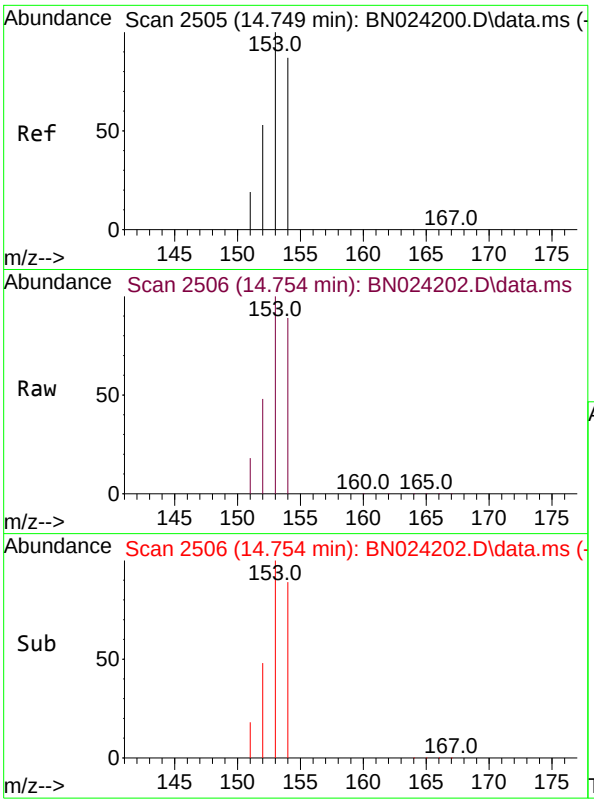


#10
Acenaphthylene
Concen: 0.654 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Tgt Ion:152 Resp: 45385

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	15.5	10.6	16.0



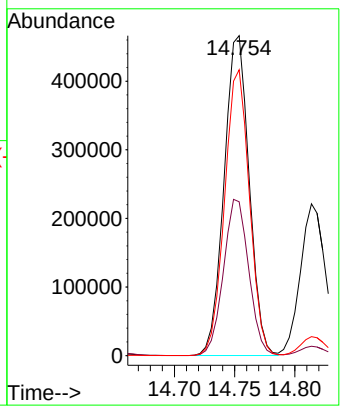


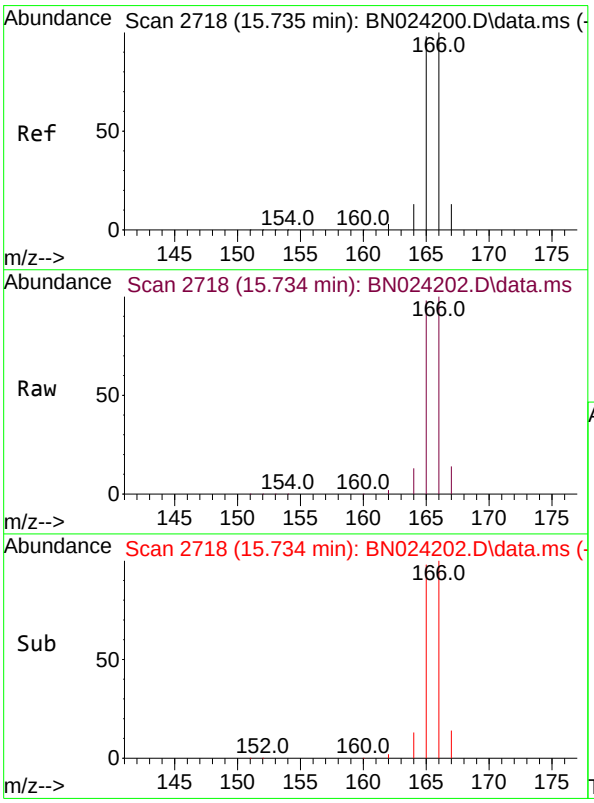
#11
Acenaphthene
Concen: 12.651 ng/ul
RT: 14.754 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Instrument :
BNA_N
ClientSampleId :
DCAG0

Tgt Ion:153 Resp: 676095

Ion	Ratio	Lower	Upper
153	100		
152	48.1	42.6	64.0
154	89.3	70.6	105.8

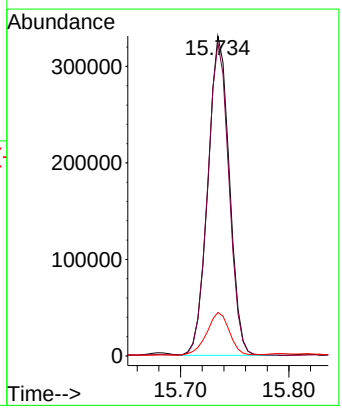


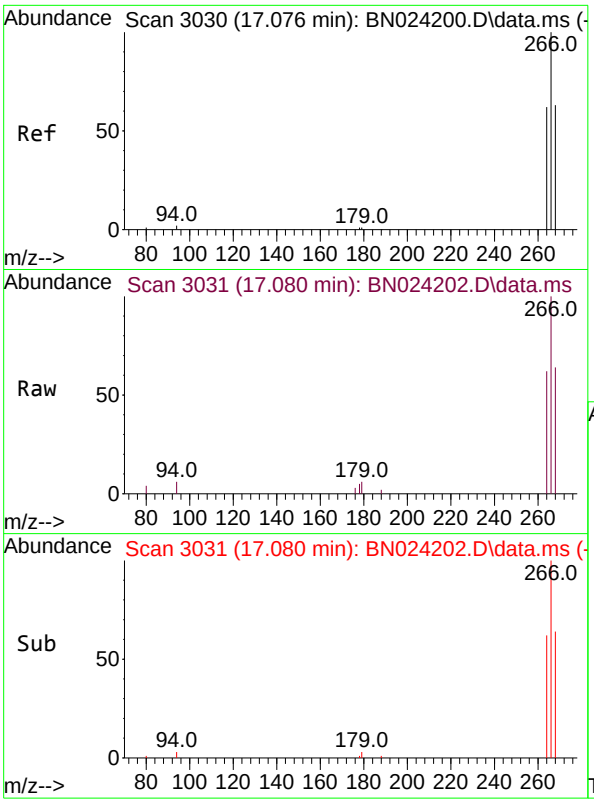


#12
Fluorene
Concen: 7.609 ng/ul
RT: 15.734 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Tgt Ion:166 Resp: 454110

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.4	116.0
167	13.6	10.9	16.3



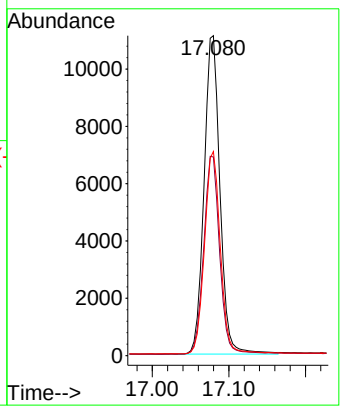


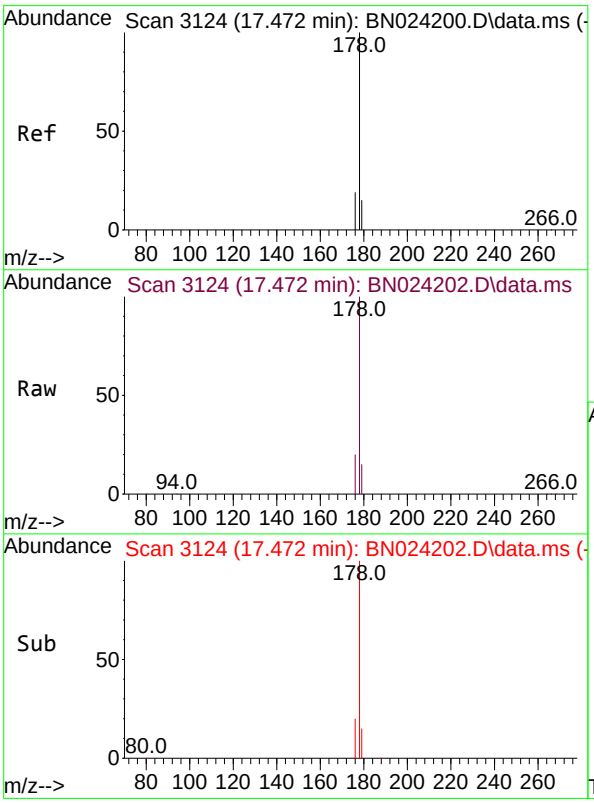
#14
Pentachlorophenol
Concen: 1.763 ng/ul
RT: 17.080 min Scan# 30
Delta R.T. 0.004 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Instrument :
BNA_N
ClientSampleId :
DCAG0

Tgt Ion:266 Resp: 16063

Ion	Ratio	Lower	Upper
266	100		
264	62.4	0.0	0.0#
268	63.4	0.1	0.1#

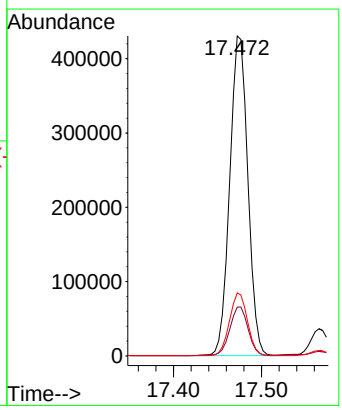


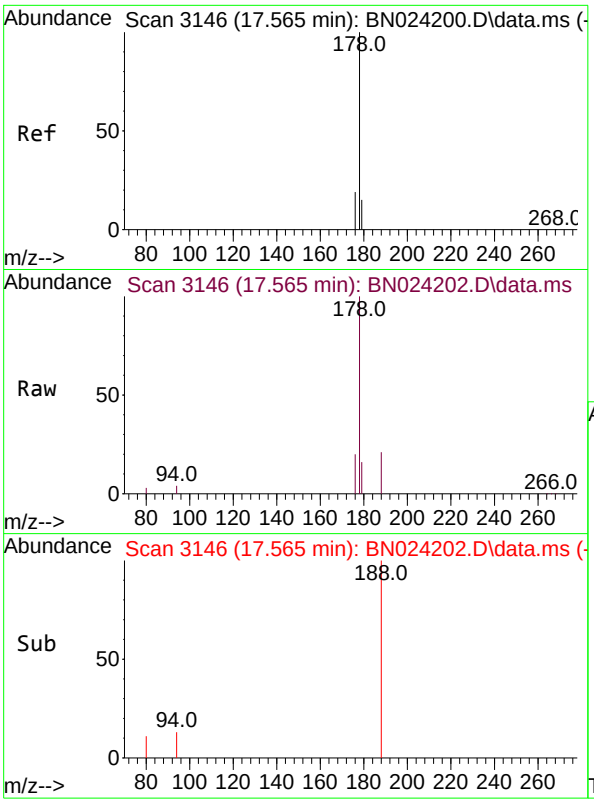


#15
Phenanthrene
Concen: 6.546 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Tgt Ion:178 Resp: 615193

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.7	15.7	23.5



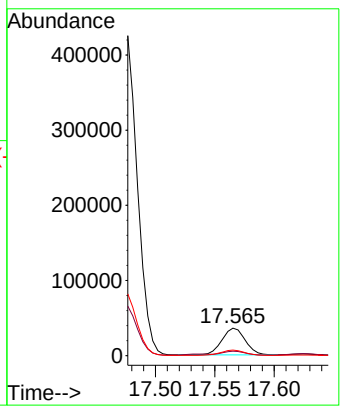


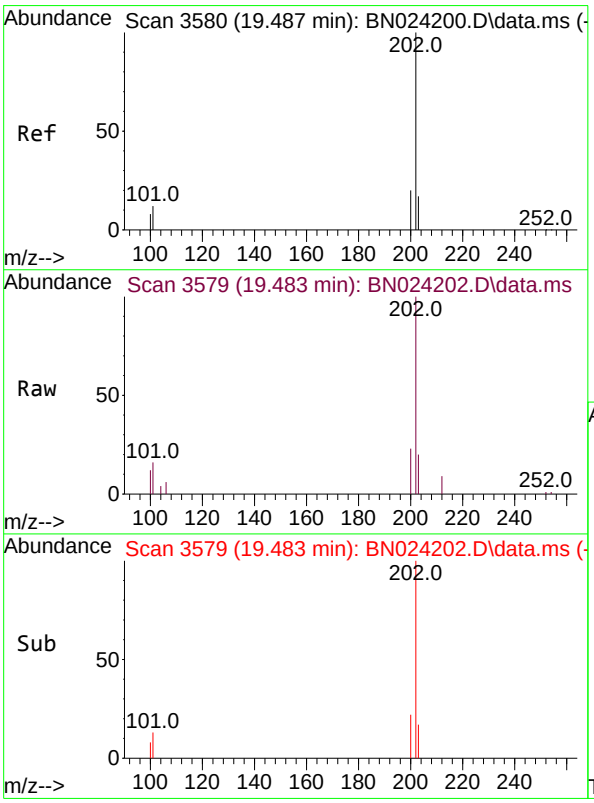
#16
Anthracene
Concen: 0.586 ng/ul
RT: 17.565 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Instrument :
BNA_N
ClientSampleId :
DCAG0

Tgt Ion:178 Resp: 48322

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.9	15.3	22.9

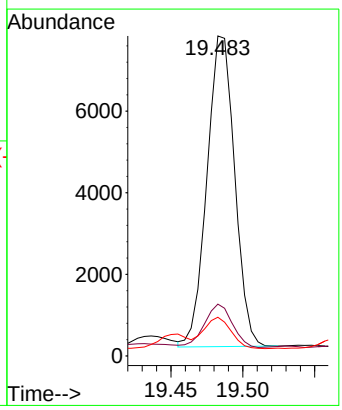


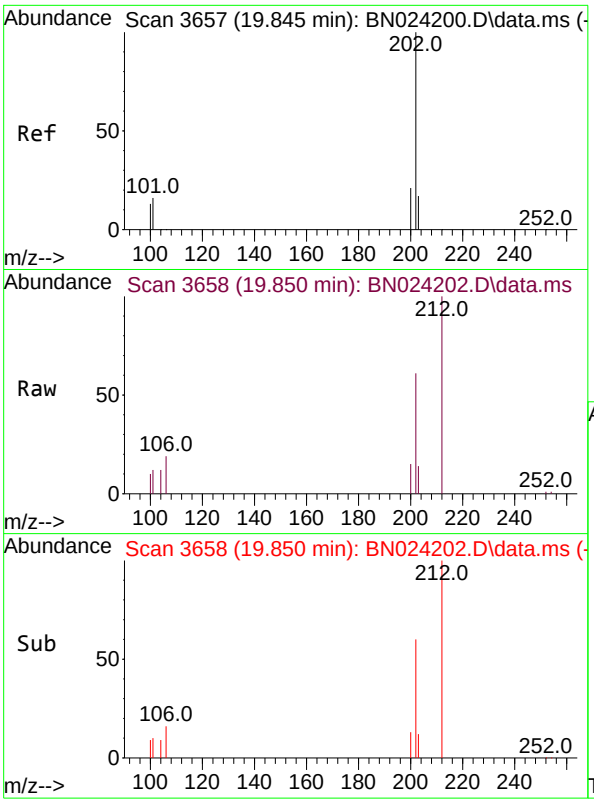


#19
Fluoranthene
Concen: 0.112 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Tgt Ion:202 Resp: 10229

Ion	Ratio	Lower	Upper
202	100		
101	16.2	10.4	15.6#
100	12.1	7.7	11.5#





#20
Pyrene
Concen: 0.080 ng/ul
RT: 19.850 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN024202.D
Acq: 09 Mar 2023 16:35

Instrument :
BNA_N
ClientSampleId :
DCAG0

Tgt Ion:202 Resp: 7437

Ion	Ratio	Lower	Upper
202	100		
101	19.2	12.1	18.1#
100	17.0	9.4	14.0#