Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024180.D
Acq On : 08 Mar 2023 22:59
Operator : CG/JU
Sample : 01746-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAD5

Quant Time: Mar 09 03:52:09 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 03:48:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8570	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	26743	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	16861	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.434	188	32900	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	25445	0.400	ng/ul	0.00
23) Perylene-d12	24.123	264	24046	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	40799	4.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	11275	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	26168	0.386	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.933	128	9751774	146.089	ng/ul	98
7) 2-Methylnaphthalene	12.527	142	749832	18.516	ng/ul	100
8) 1-Methylnaphthalene	12.747	142	462697	10.872	ng/ul	100
10) Acenaphthylene	14.411	152	170447	2.423	ng/ul	99
11) Acenaphthene	14.754	153	645931	11.918	ng/ul	97
12) Fluorene	15.739	166	851807	14.074	ng/ul	100
14) Pentachlorophenol	17.080	266	43058	4.712	ng/ul#	73
15) Phenanthrene	17.477	178	444397	4.716	ng/ul	100
16) Anthracene	17.569	178	34663	0.419	ng/ul	98
19) Fluoranthene	19.487	202	63470	0.627	ng/ul	100
20) Pyrene	19.850	202	34919	0.340	ng/ul	96
26) Benzo(a)pyrene	23.965	252	7758	0.098	ng/ul#	67

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

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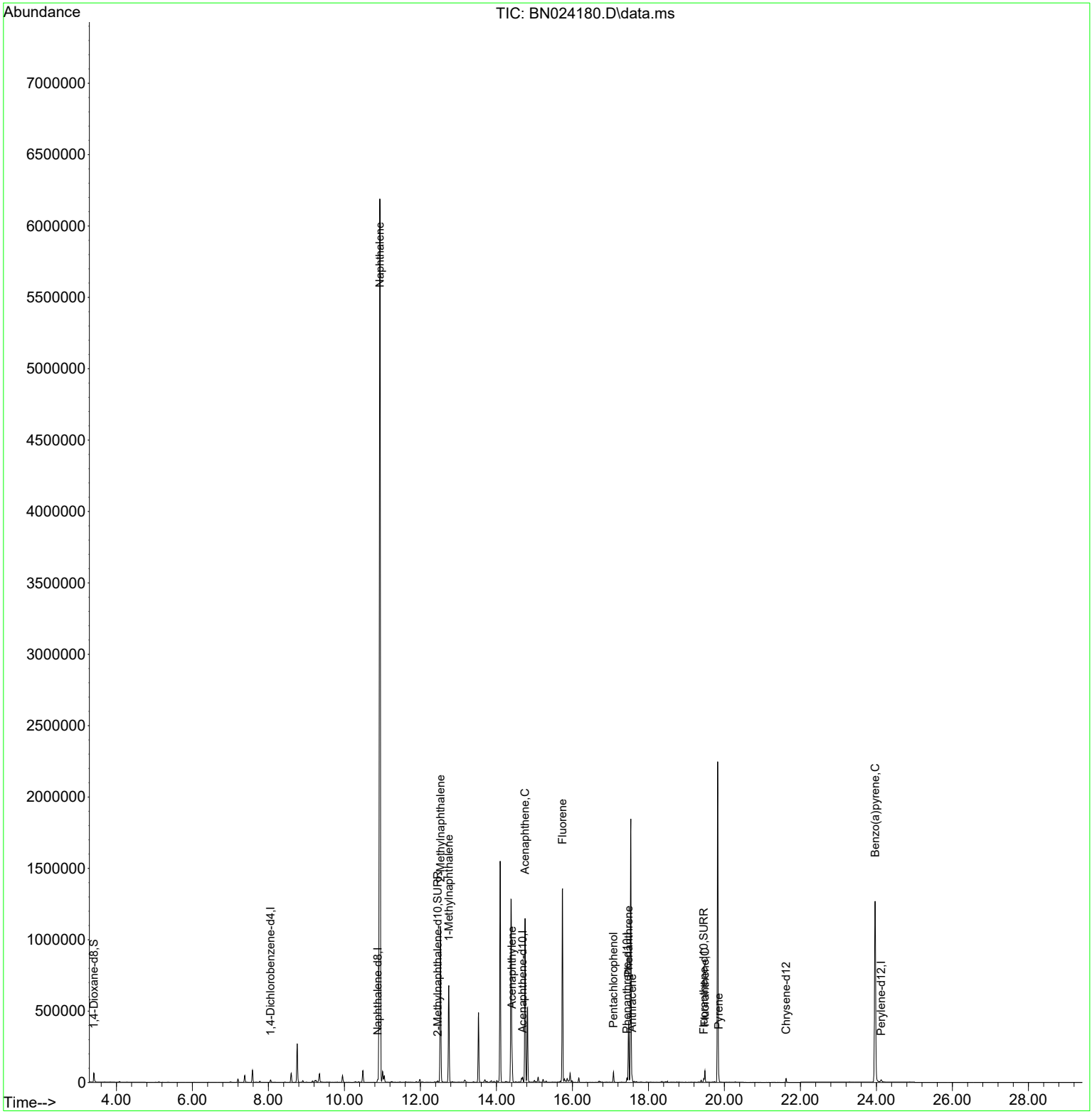
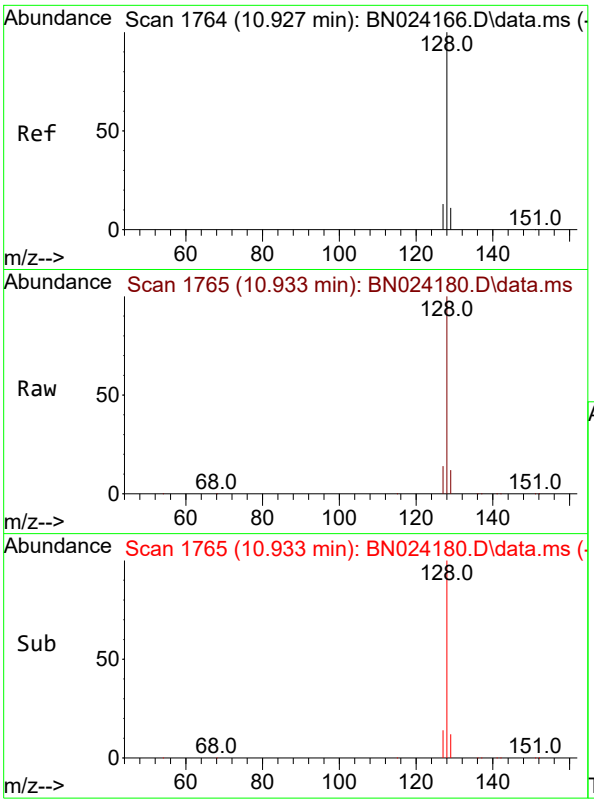


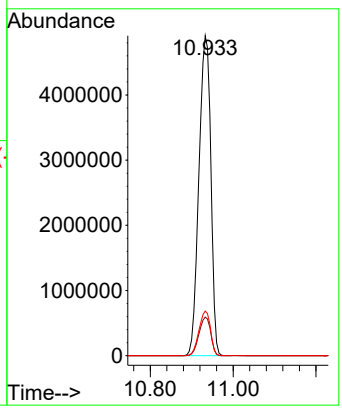


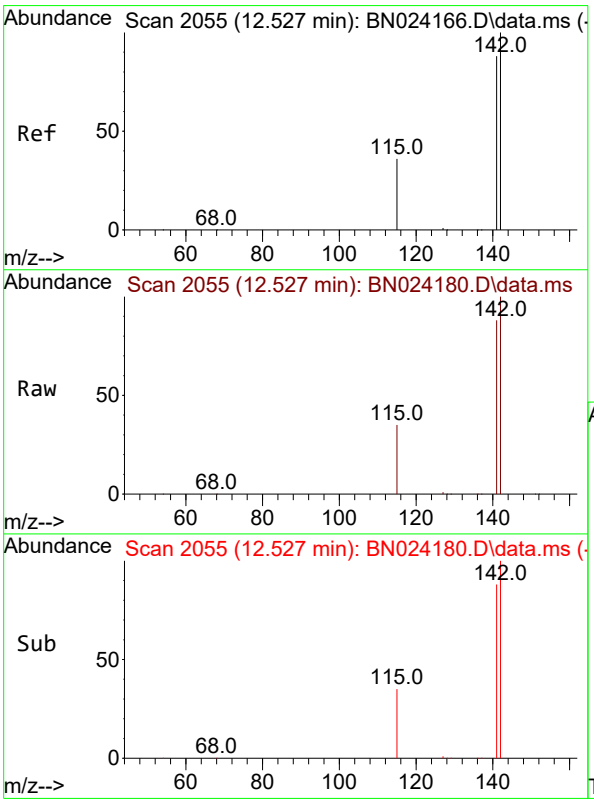
#5
Naphthalene
Concen: 146.089 ng/ul
RT: 10.933 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Instrument :
BNA_N
ClientSampleId :
DCAD5

Tgt Ion:128 Resp: 9751774

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.6
127	13.9	10.5	15.7

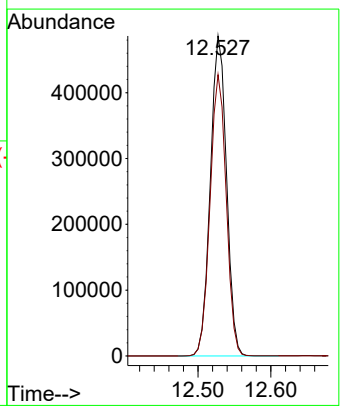


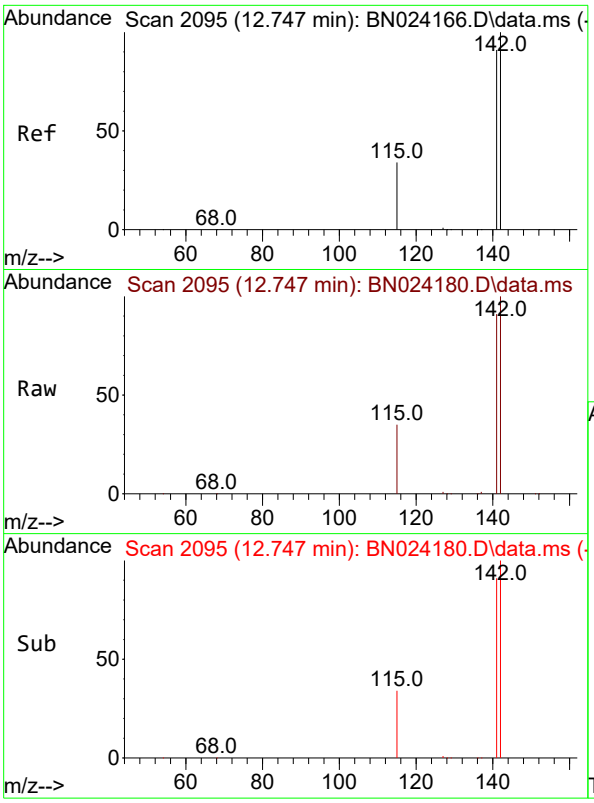


#7
2-Methylnaphthalene
Concen: 18.516 ng/ul
RT: 12.527 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Tgt Ion:142 Resp: 749832

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5



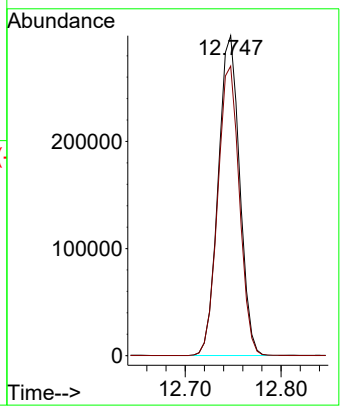


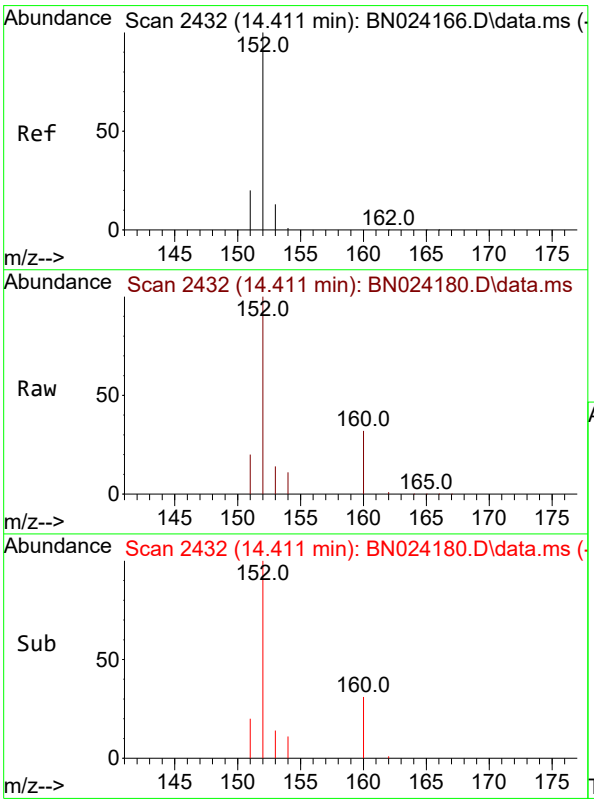
#8
1-Methylnaphthalene
Concen: 10.872 ng/ul
RT: 12.747 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Instrument :
BNA_N
ClientSampleId :
DCAD5

Tgt Ion:142 Resp: 462697

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.0	109.6

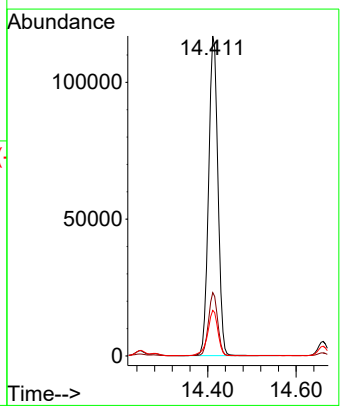


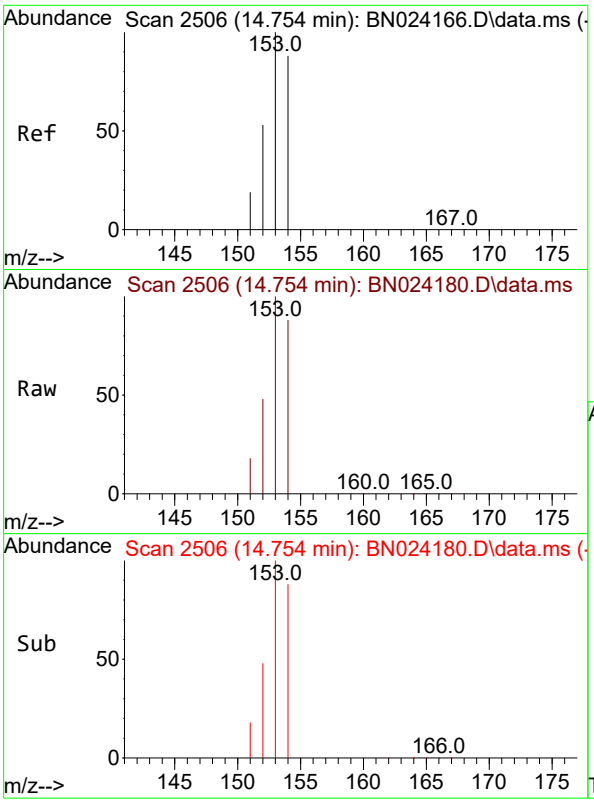


#10
Acenaphthylene
Concen: 2.423 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Tgt Ion:152 Resp: 170447

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	14.2	10.6	16.0



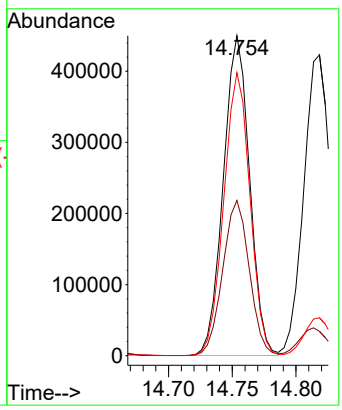


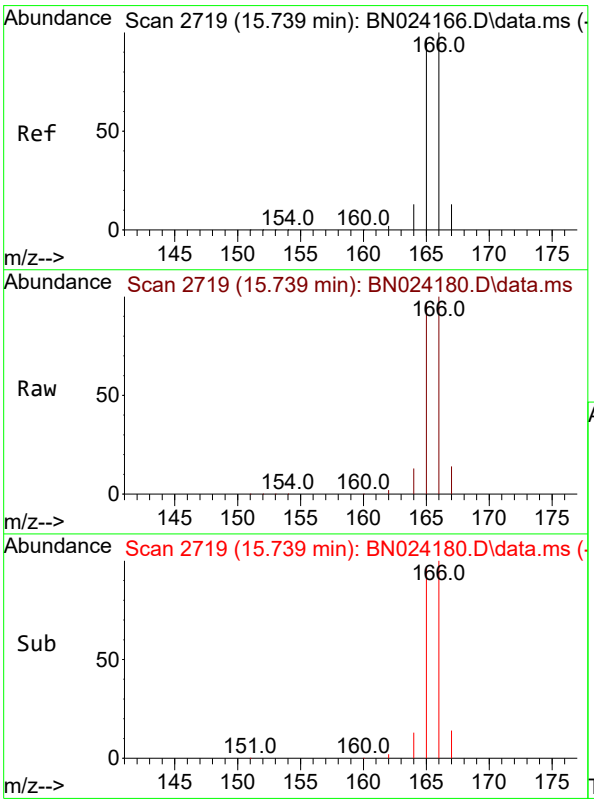
#11
Acenaphthene
Concen: 11.918 ng/ul
RT: 14.754 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Instrument :
BNA_N
ClientSampleId :
DCAD5

Tgt Ion:153 Resp: 645931

Ion	Ratio	Lower	Upper
153	100		
152	48.5	42.6	64.0
154	88.5	70.6	105.8

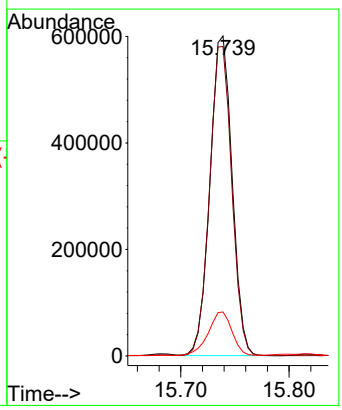


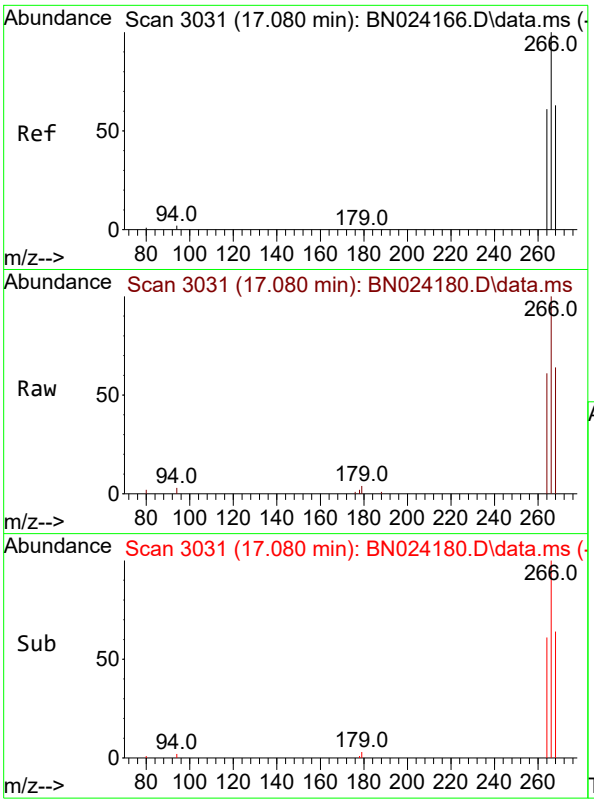


#12
Fluorene
Concen: 14.074 ng/ul
RT: 15.739 min Scan# 2719
Delta R.T. 0.004 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Tgt Ion:166 Resp: 851807

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.4	116.0
167	13.7	10.9	16.3



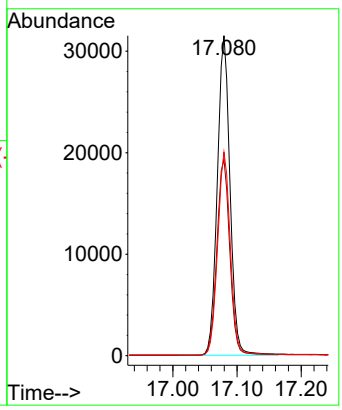


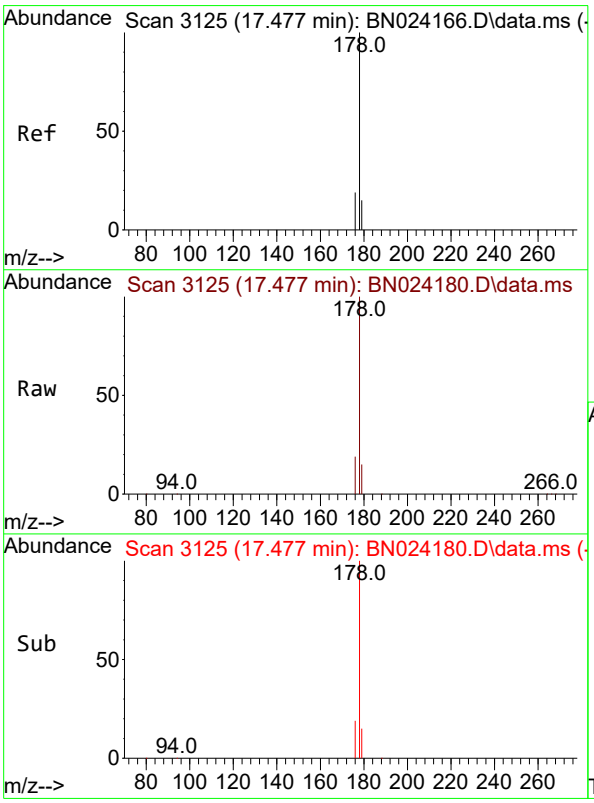
#14
Pentachlorophenol
Concen: 4.712 ng/ul
RT: 17.080 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Instrument :
BNA_N
ClientSampleId :
DCAD5

Tgt Ion:266 Resp: 43058

Ion	Ratio	Lower	Upper
266	100		
264	62.4	0.0	0.0#
268	63.7	0.1	0.1#

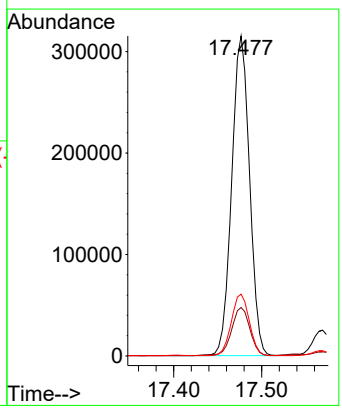


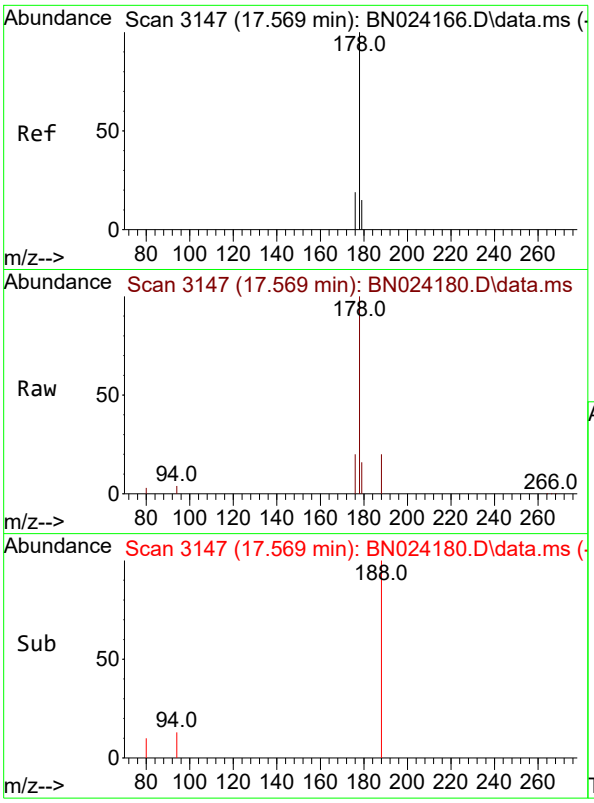


#15
Phenanthrene
Concen: 4.716 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Tgt Ion:178 Resp: 444397

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.3	15.7	23.5



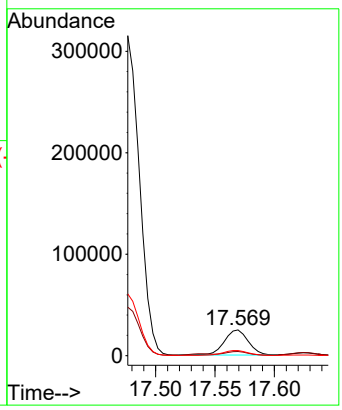


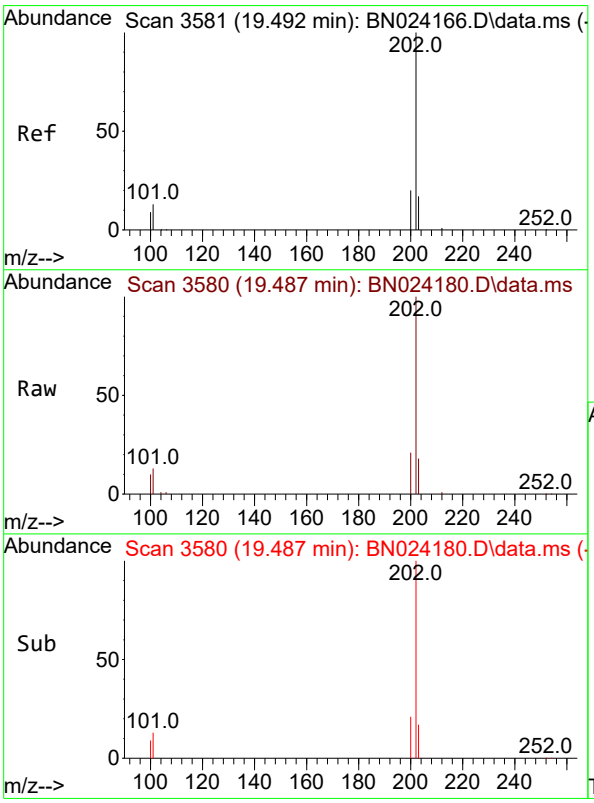
#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.569 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Instrument :
BNA_N
ClientSampleId :
DCAD5

Tgt Ion:178 Resp: 34663

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	20.1	15.3	22.9

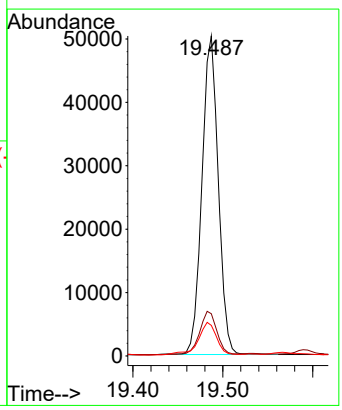


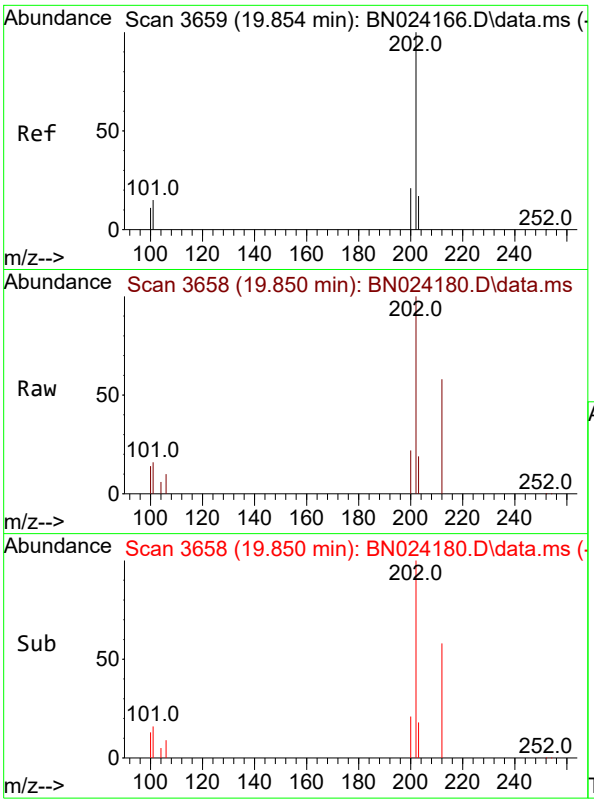


#19
Fluoranthene
Concen: 0.627 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.000 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Tgt Ion:202 Resp: 63470

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.4	15.6
100	9.6	7.7	11.5



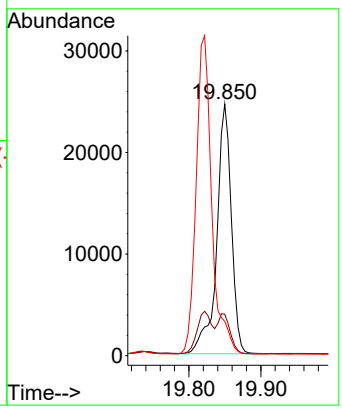


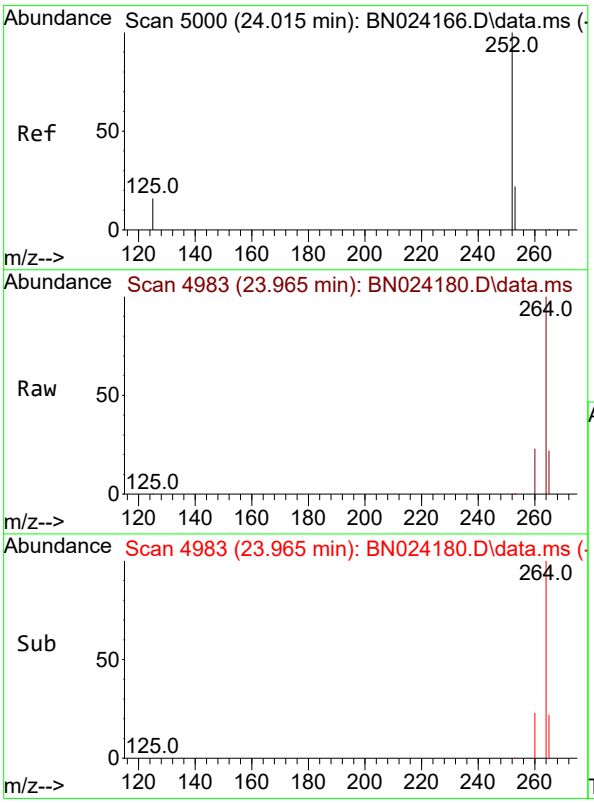
#20
Pyrene
Concen: 0.340 ng/ul
RT: 19.850 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Instrument :
BNA_N
ClientSampleId :
DCAD5

Tgt Ion:202 Resp: 34919

Ion	Ratio	Lower	Upper
202	100		
101	16.5	12.1	18.1
100	13.6	9.4	14.0





#26
Benzo(a)pyrene
Concen: 0.098 ng/ul
RT: 23.965 min Scan# 4983
Delta R.T. -0.062 min
Lab File: BN024180.D
Acq: 08 Mar 2023 22:59

Tgt Ion:252 Resp: 7758

Ion	Ratio	Lower	Upper
252	100		
253	37.3	19.2	28.8#
125	37.7	15.8	23.6#