Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024214.D
Acq On : 09 Mar 2023 23:59
Operator : CG/JU
Sample : 01746-10DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAE4DL

Quant Time: Mar 10 02:26:18 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	9802	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	29647	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	17123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	34564	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	22864	0.400	ng/ul	0.00
23) Perylene-d12	24.135	264	17175	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	4222	0.391	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2586	0.073	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	5791	0.095	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.927	128	6688338	90.382	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	501391	11.168	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	283212	6.003	ng/ul	100
10) Acenaphthylene	14.407	152	42529	0.595	ng/ul	97
11) Acenaphthene	14.749	153	345818	6.283	ng/ul	98
12) Fluorene	15.730	166	260514	4.238	ng/ul	98
14) Pentachlorophenol	17.076	266	45204	4.709	ng/ul#	73
15) Phenanthrene	17.472	178	359888	3.635	ng/ul	99
16) Anthracene	17.561	178	25720	0.296	ng/ul	99
19) Fluoranthene	19.483	202	15079	0.166	ng/ul	98
20) Pyrene	19.845	202	9109	0.099	ng/ul	95
26) Benzo(a)pyrene	23.962	252	1657	0.029	ng/ul#	18

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

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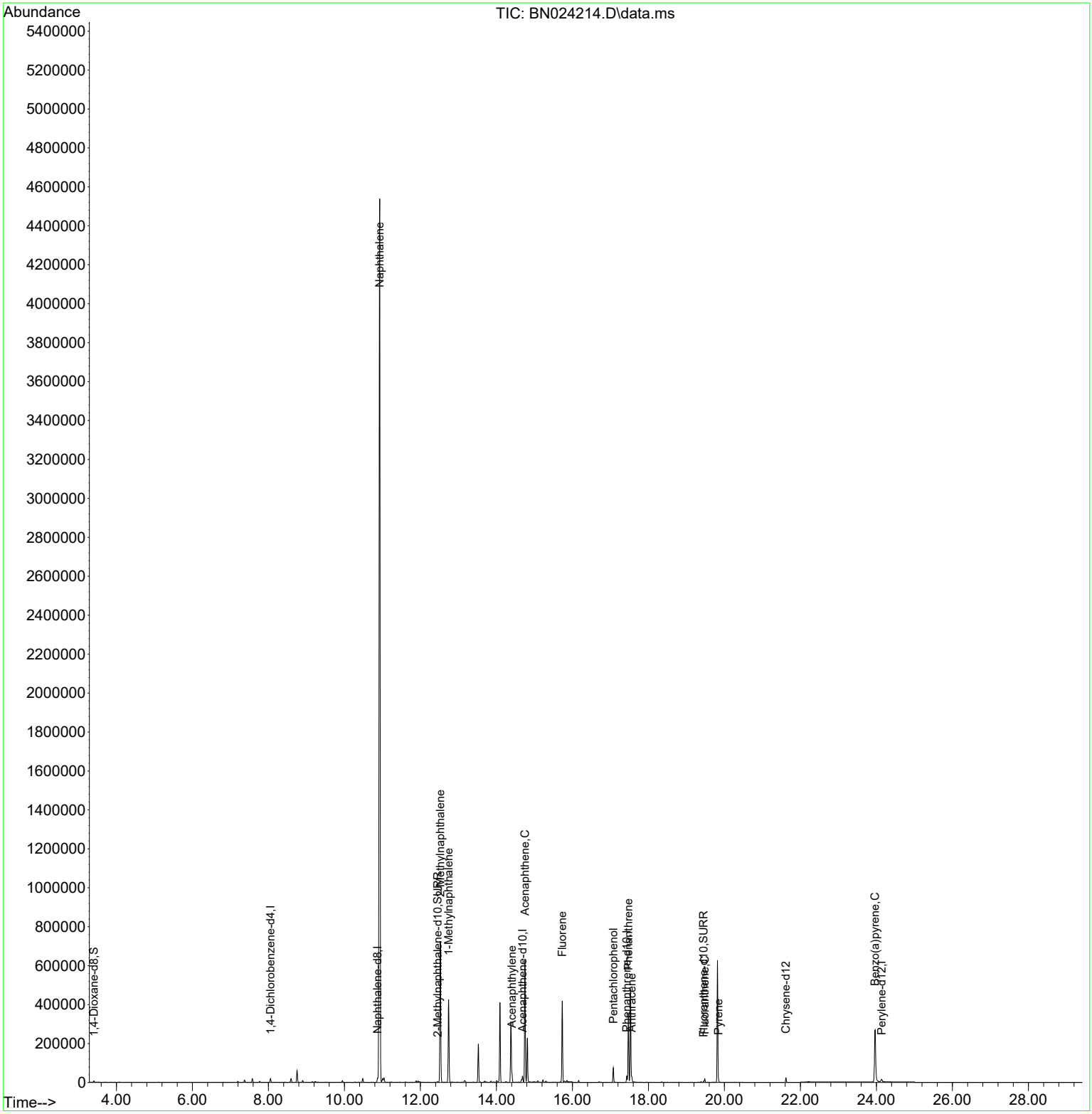
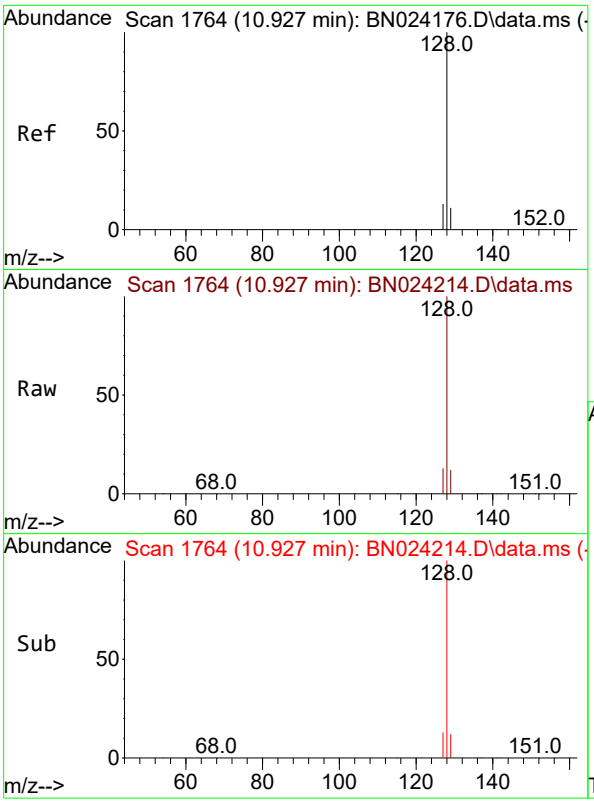


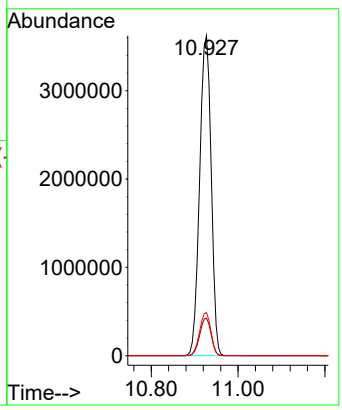


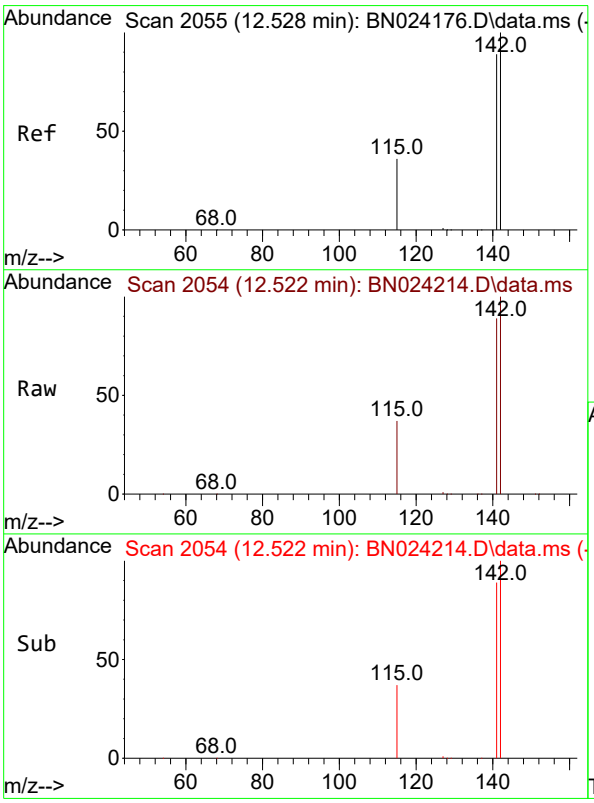
#5
Naphthalene
Concen: 90.382 ng/ul
RT: 10.927 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Instrument :
BNA_N
ClientSampleId :
DCAE4DL

Tgt Ion:128 Resp: 6688338

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	13.4	10.5	15.7

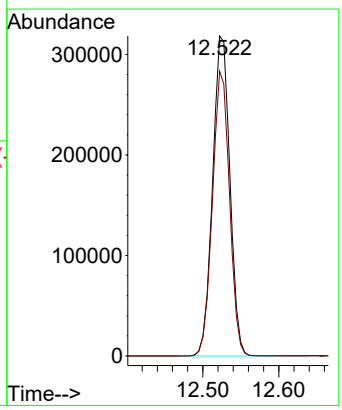


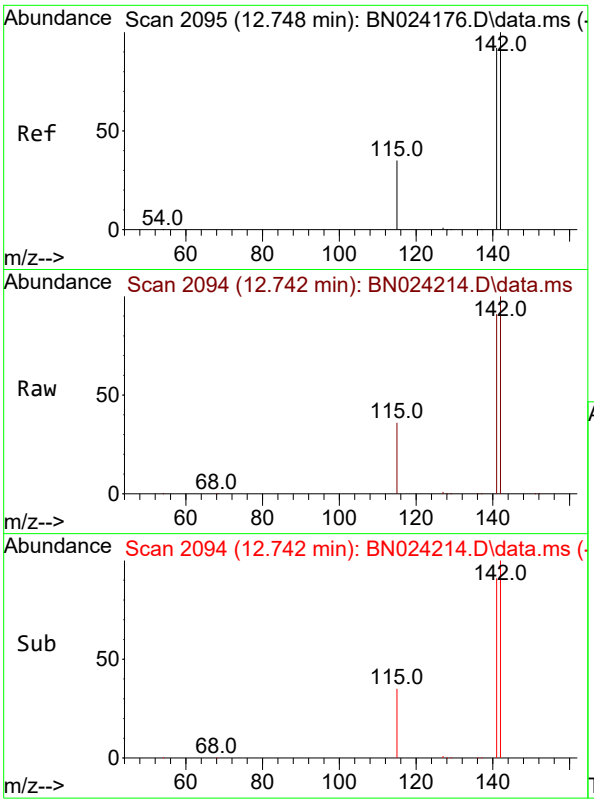


#7
2-Methylnaphthalene
Concen: 11.168 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Tgt Ion:142 Resp: 501391

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5



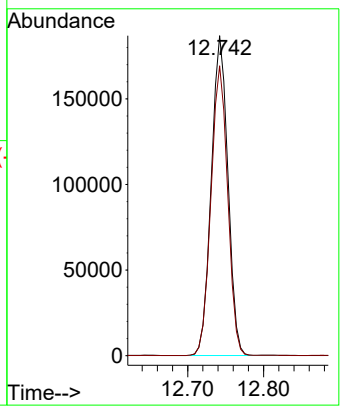


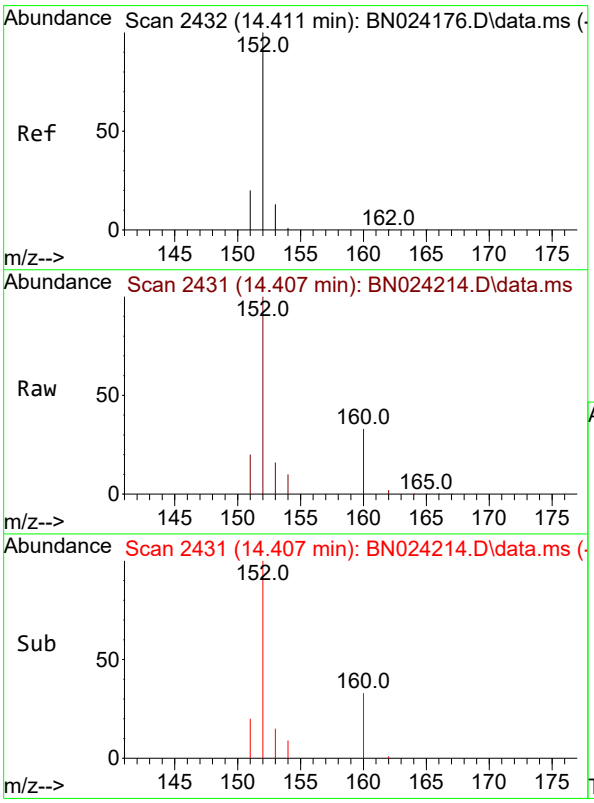
#8
1-Methylnaphthalene
Concen: 6.003 ng/ul
RT: 12.742 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Instrument :
BNA_N
ClientSampleId :
DCAE4DL

Tgt Ion:142 Resp: 283212

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.0	109.6

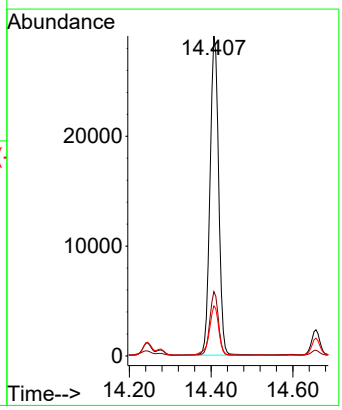


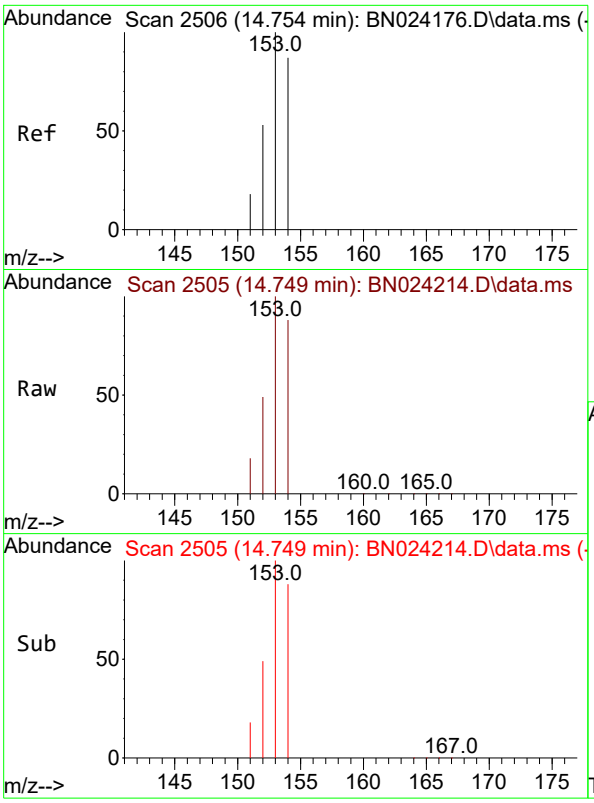


#10
Acenaphthylene
Concen: 0.595 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Tgt Ion:152 Resp: 42529

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	15.6	10.6	16.0



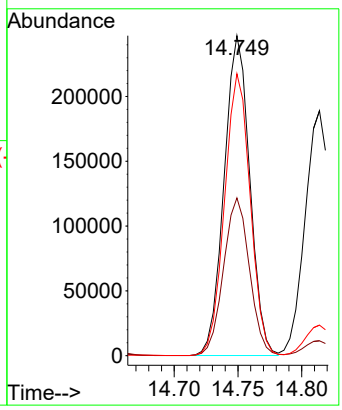


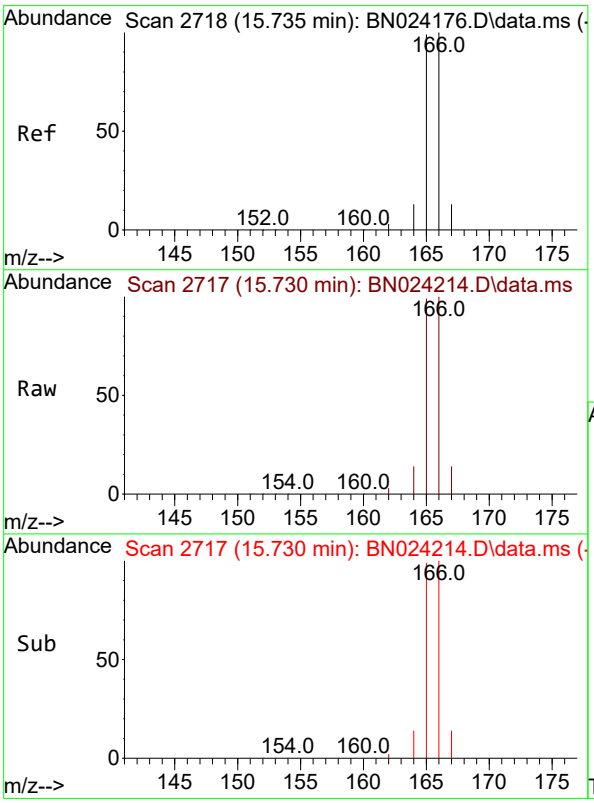
#11
Acenaphthene
Concen: 6.283 ng/ul
RT: 14.749 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Instrument :
BNA_N
ClientSampleId :
DCAE4DL

Tgt Ion:153 Resp: 345818

Ion	Ratio	Lower	Upper
153	100		
152	49.3	42.6	64.0
154	88.1	70.6	105.8

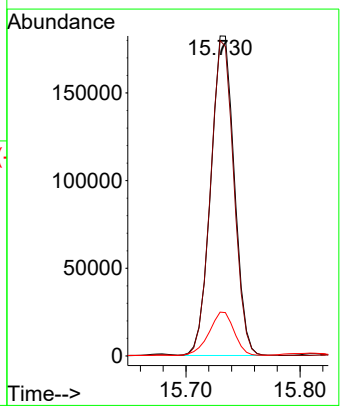


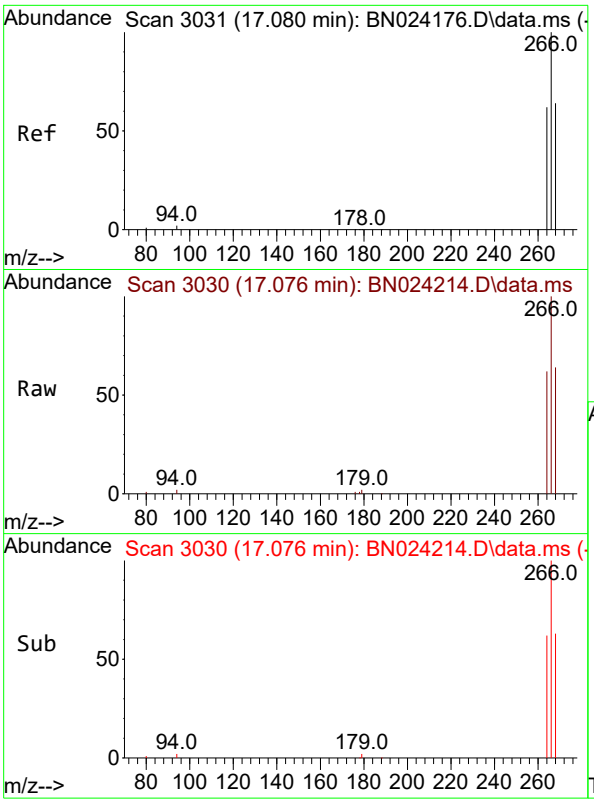


#12
Fluorene
Concen: 4.238 ng/ul
RT: 15.730 min Scan# 2717
Delta R.T. -0.005 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Tgt Ion:166 Resp: 260514

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.4	116.0
167	13.7	10.9	16.3



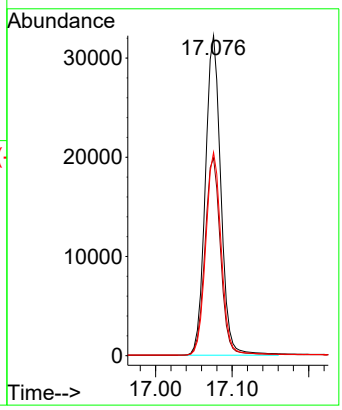


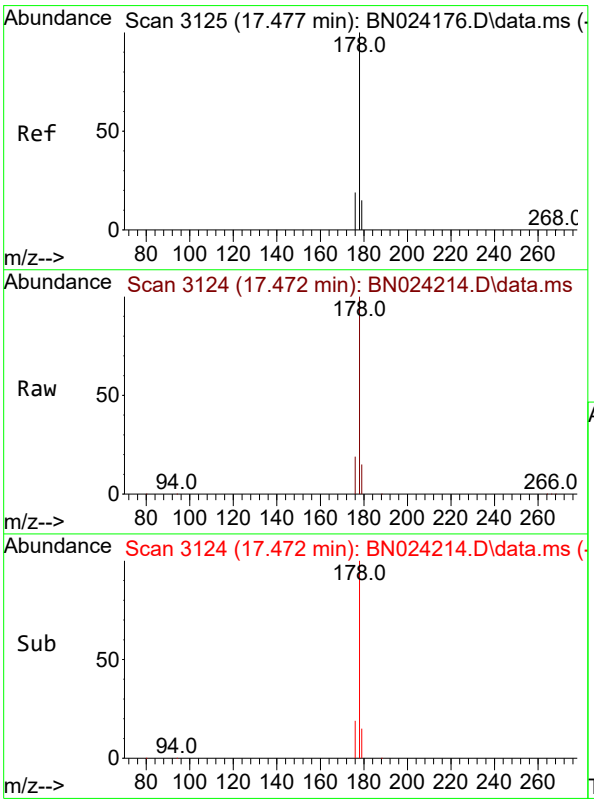
#14
Pentachlorophenol
Concen: 4.709 ng/ul
RT: 17.076 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Instrument :
BNA_N
ClientSampleId :
DCAE4DL

Tgt Ion:266 Resp: 45204

Ion	Ratio	Lower	Upper
266	100		
264	62.5	0.0	0.0#
268	63.7	0.1	0.1#

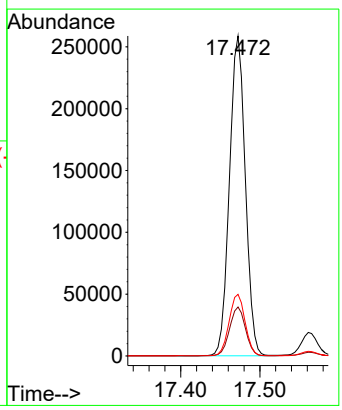


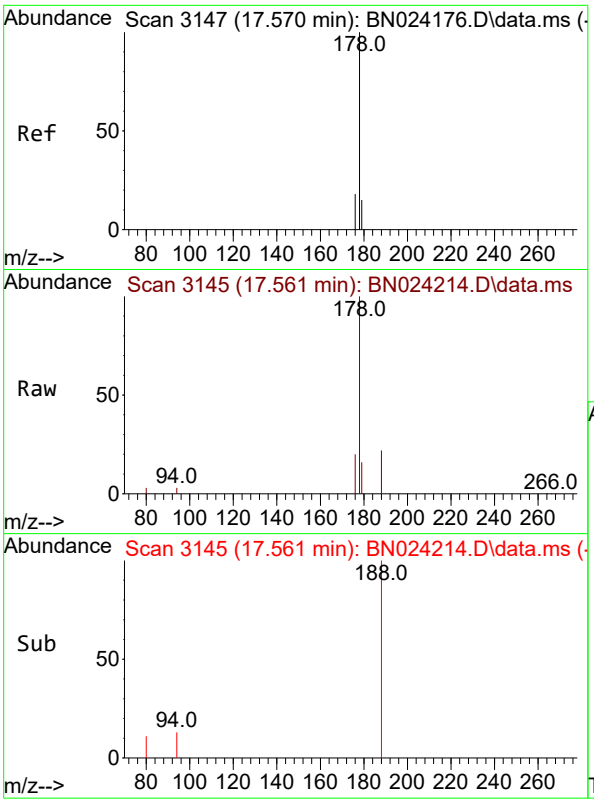


#15
Phenanthrene
Concen: 3.635 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Tgt Ion:178 Resp: 359888

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.3	15.7	23.5



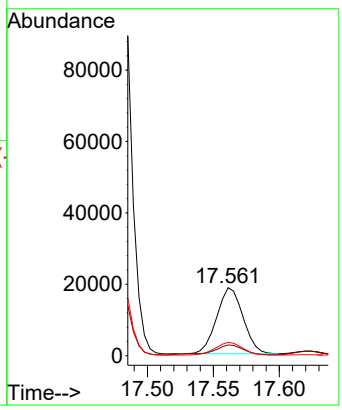


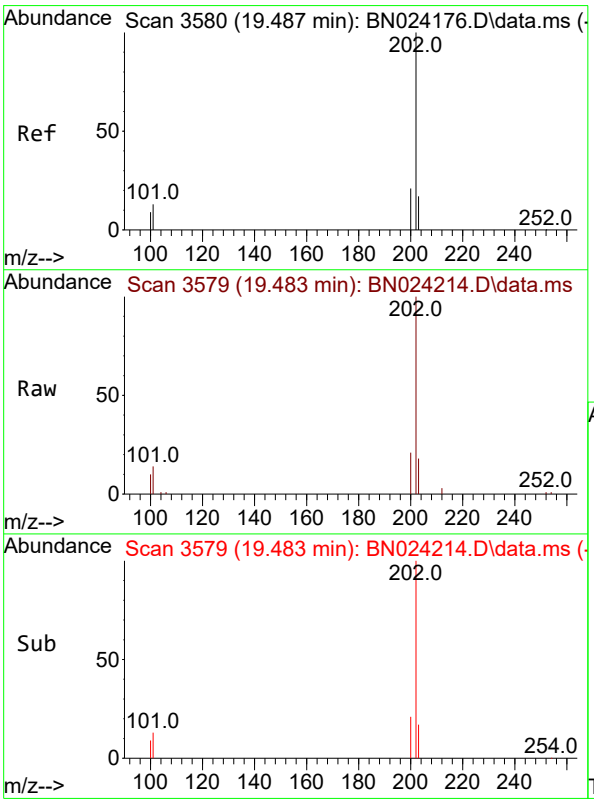
#16
Anthracene
Concen: 0.296 ng/ul
RT: 17.561 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Instrument :
BNA_N
ClientSampleId :
DCAE4DL

Tgt Ion:178 Resp: 25720

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.6	15.3	22.9

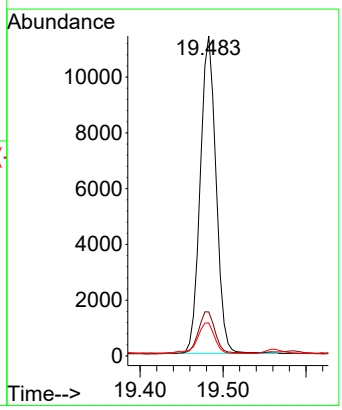


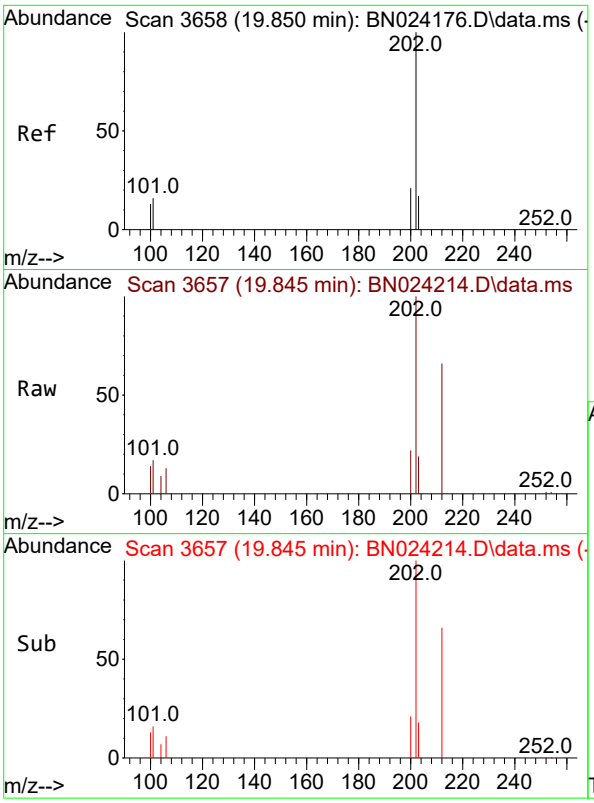


#19
Fluoranthene
Concen: 0.166 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Tgt Ion:202 Resp: 15079

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.4	15.6
100	10.4	7.7	11.5



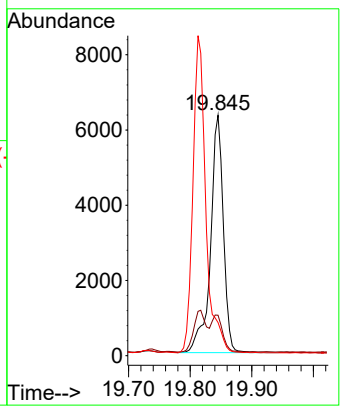


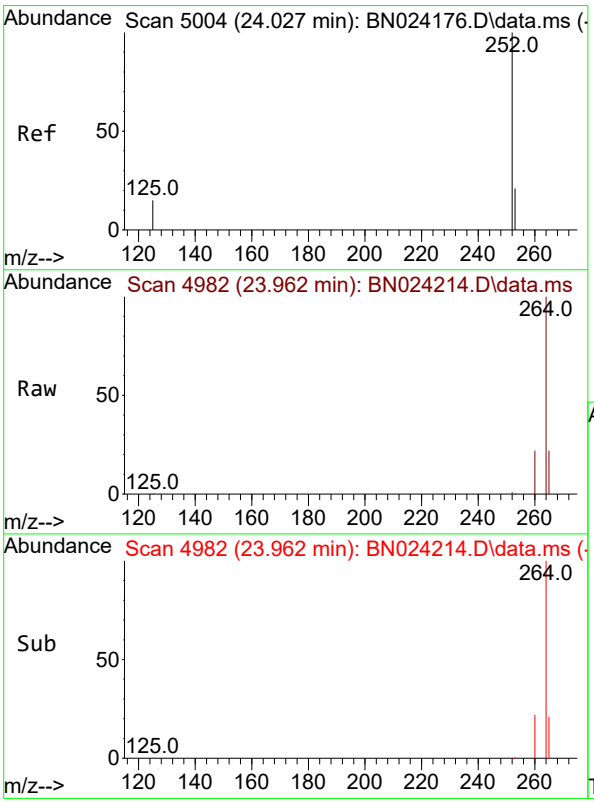
#20
Pyrene
Concen: 0.099 ng/ul
RT: 19.845 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Instrument :
BNA_N
ClientSampleId :
DCAE4DL

Tgt Ion:202 Resp: 9109

Ion	Ratio	Lower	Upper
202	100		
101	16.8	12.1	18.1
100	13.8	9.4	14.0





#26
Benzo(a)pyrene
Concen: 0.029 ng/ul
RT: 23.962 min Scan# 4982
Delta R.T. -0.041 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Tgt Ion:252 Resp: 1657

Ion	Ratio	Lower	Upper
252	100		
253	56.6	19.2	28.8#
125	66.1	15.8	23.6#