Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024210.D
Acq On : 09 Mar 2023 21:32
Operator : CG/JU
Sample : 01746-11DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAE6DL

Quant Time: Mar 10 02:25:42 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	9099	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	27272	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	14859	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	30315	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	20683	0.400	ng/ul	0.00
23) Perylene-d12	24.129	264	15392	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	4106	0.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2199	0.068	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	4935	0.090	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.922	128	293459	4.311	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	13171	0.319	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	9571	0.221	ng/ul	100
10) Acenaphthylene	14.407	152	5158	0.083	ng/ul#	95
11) Acenaphthene	14.749	153	11768	0.246	ng/ul	99
12) Fluorene	15.734	166	8927	0.167	ng/ul#	98
14) Pentachlorophenol	17.076	266	24129	2.866	ng/ul#	73
15) Phenanthrene	17.472	178	16555	0.191	ng/ul	99
16) Anthracene	17.565	178	3859	0.051	ng/ul#	93
19) Fluoranthene	19.483	202	8468	0.103	ng/ul	98
20) Pyrene	19.845	202	4742	0.057	ng/ul#	91
26) Benzo(a)pyrene	23.962	252	1548	0.031	ng/ul#	11

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

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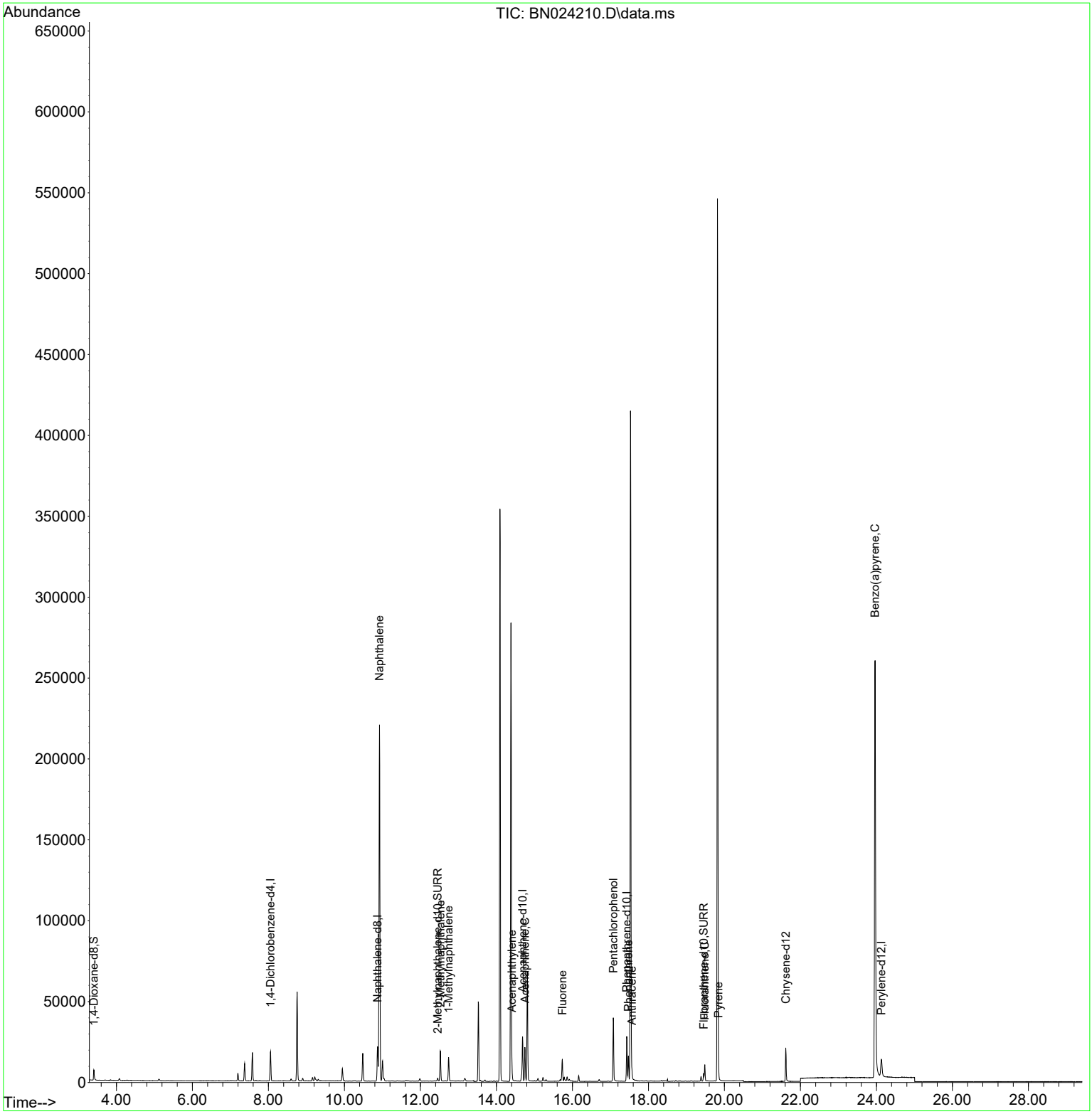
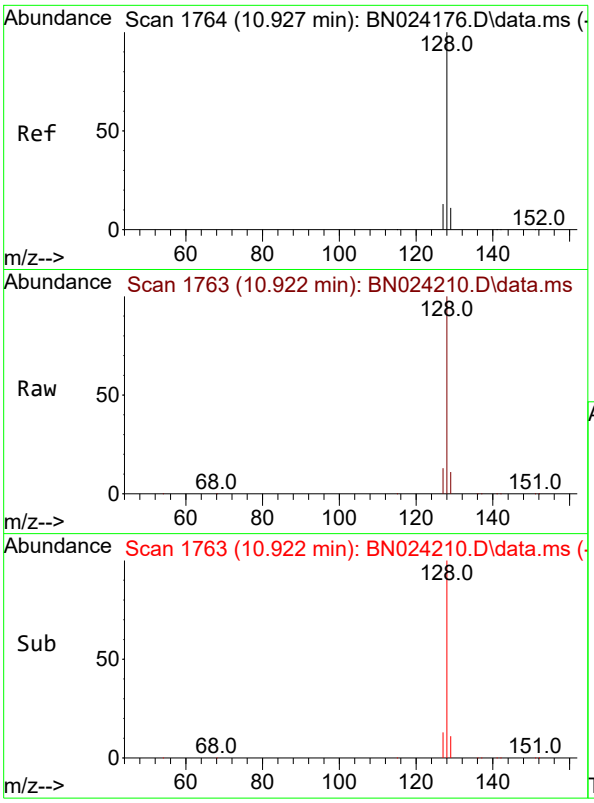


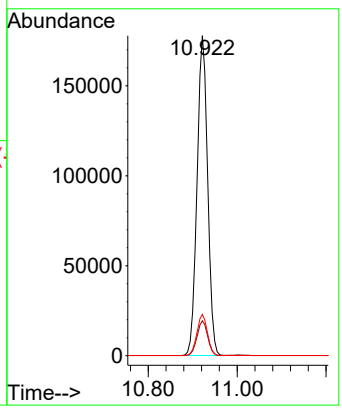


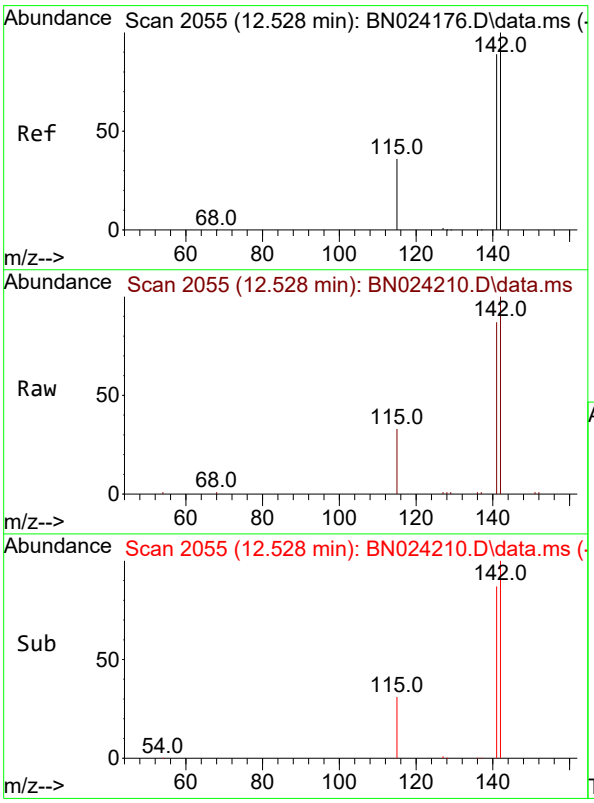
#5
Naphthalene
Concen: 4.311 ng/ul
RT: 10.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Instrument :
BNA_N
ClientSampleId :
DCAE6DL

Tgt Ion:128 Resp: 293459

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.9	10.5	15.7

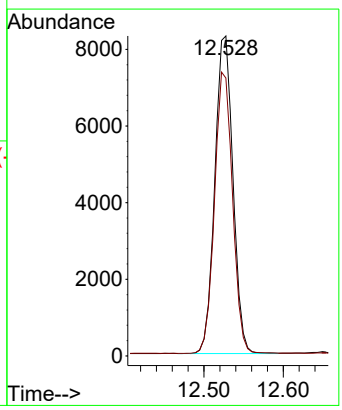


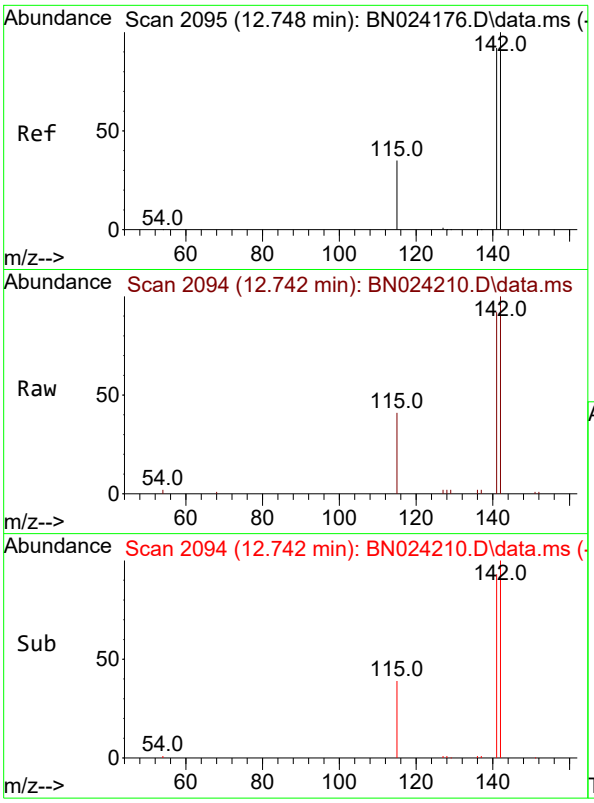


#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Tgt Ion:142 Resp: 13171

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5



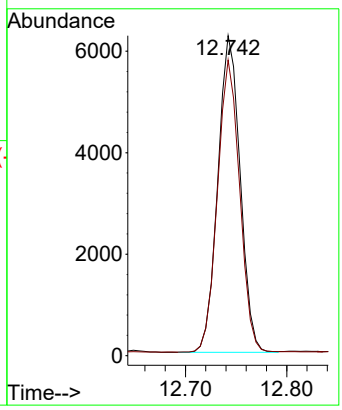


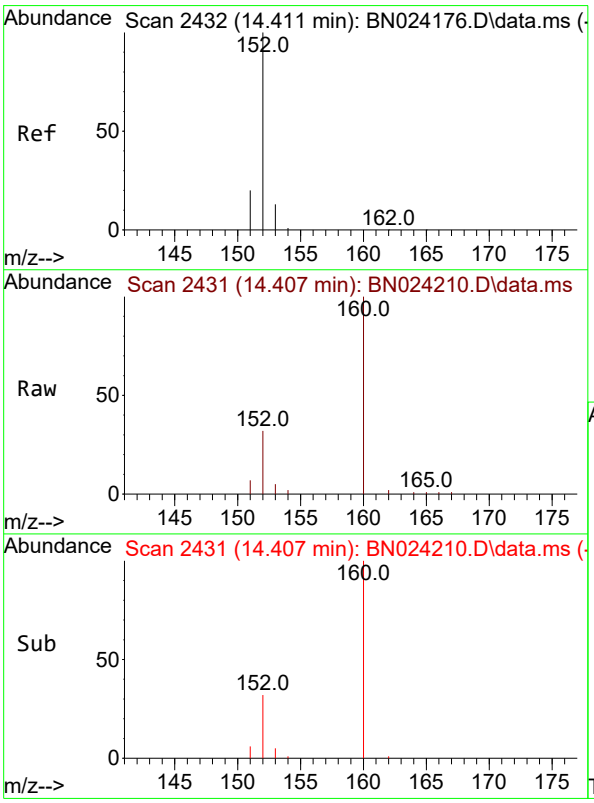
#8
1-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.742 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Instrument :
BNA_N
ClientSampleId :
DCAE6DL

Tgt Ion:142 Resp: 9571

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.6

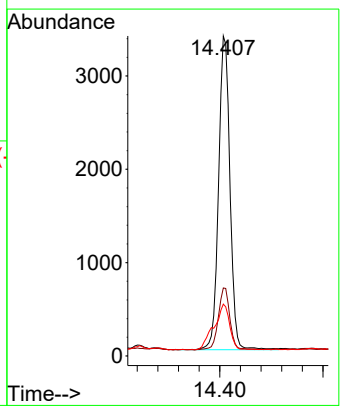


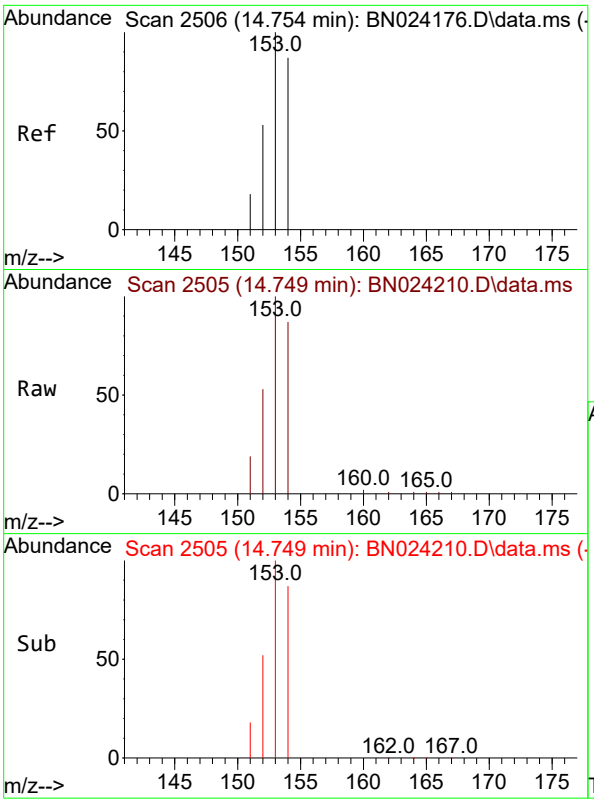


#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Tgt Ion:152 Resp: 5158

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.9	23.9
153	16.2	10.6	16.0#



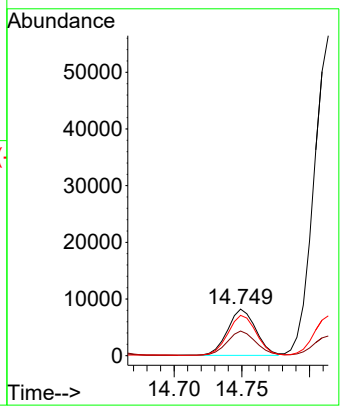


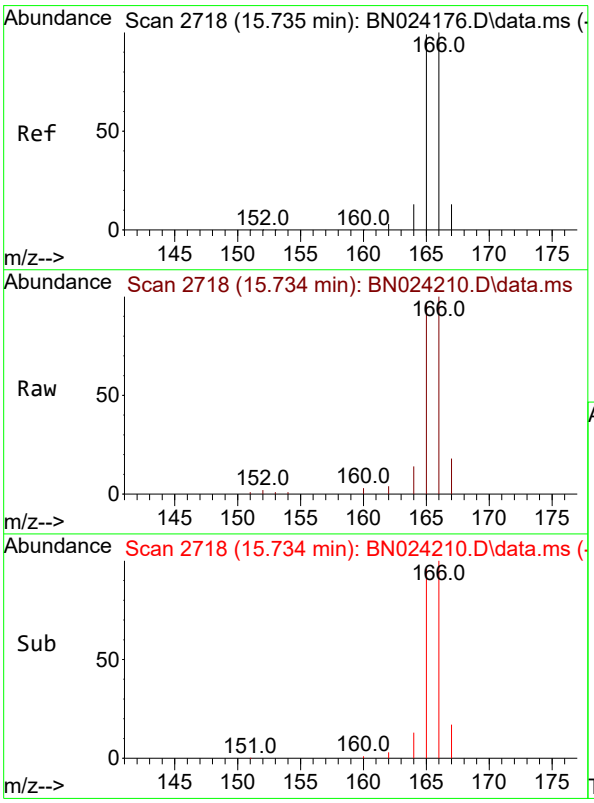
#11
Acenaphthene
Concen: 0.246 ng/ul
RT: 14.749 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Instrument :
BNA_N
ClientSampleId :
DCAE6DL

Tgt Ion:153 Resp: 11768

Ion	Ratio	Lower	Upper
153	100		
152	52.9	42.6	64.0
154	86.7	70.6	105.8

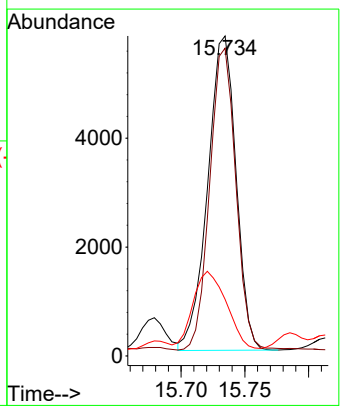


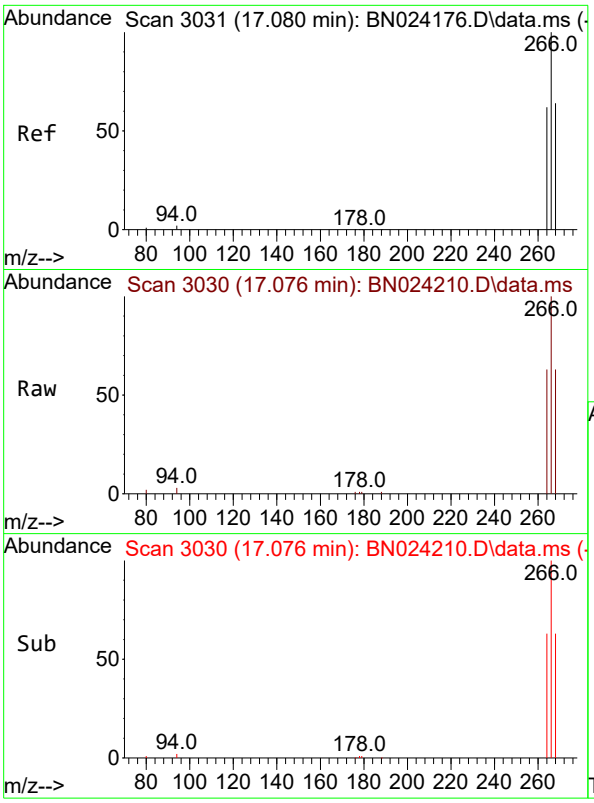


#12
Fluorene
Concen: 0.167 ng/ul
RT: 15.734 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Tgt Ion:166 Resp: 8927

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.4	116.0
167	17.7	10.9	16.3#



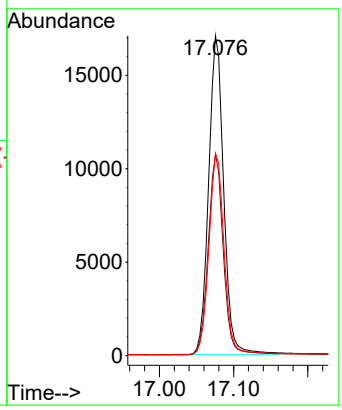


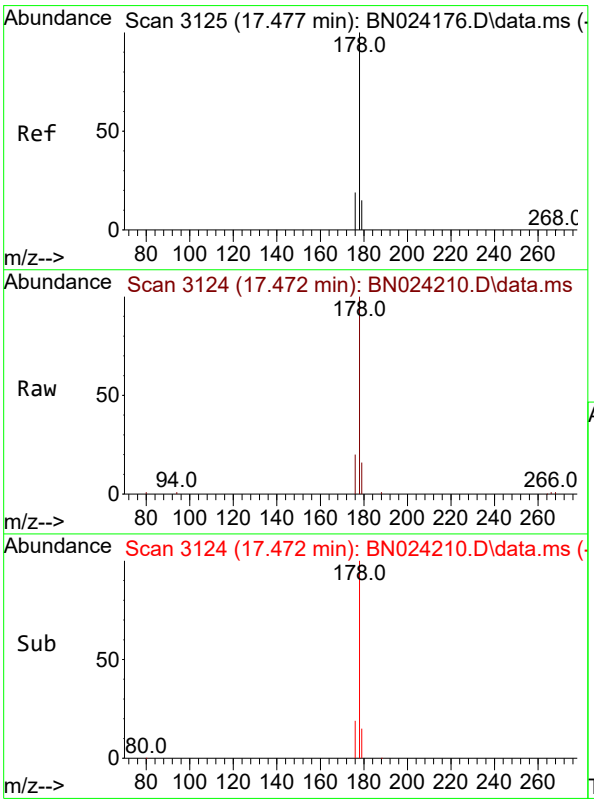
#14
Pentachlorophenol
Concen: 2.866 ng/ul
RT: 17.076 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Instrument :
BNA_N
ClientSampleId :
DCAE6DL

Tgt Ion:266 Resp: 24129

Ion	Ratio	Lower	Upper
266	100		
264	62.8	0.0	0.0#
268	63.6	0.1	0.1#

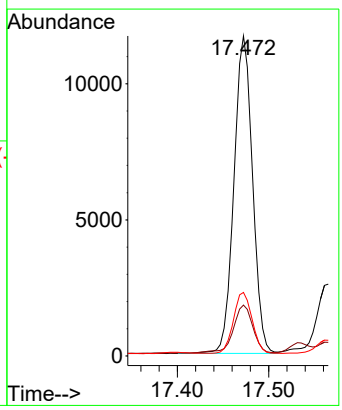


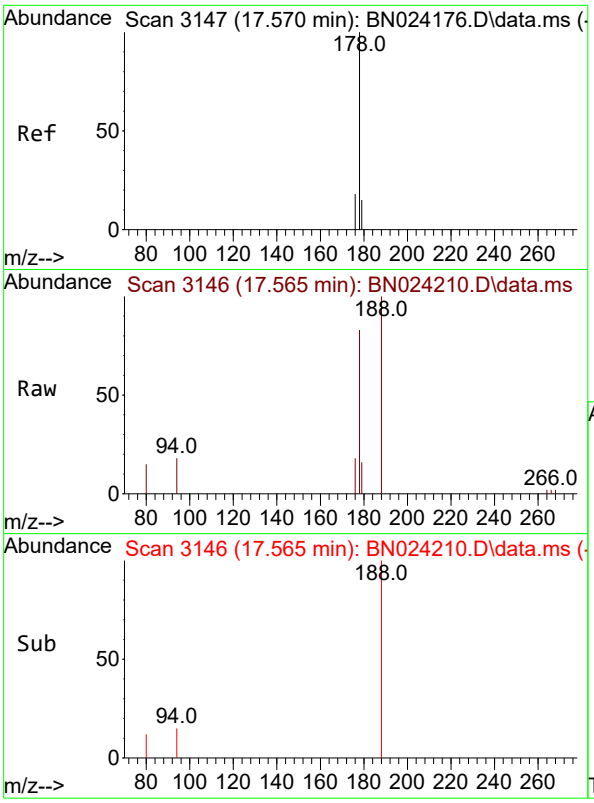


#15
Phenanthrene
Concen: 0.191 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Tgt Ion:178 Resp: 16555

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.8	15.7	23.5



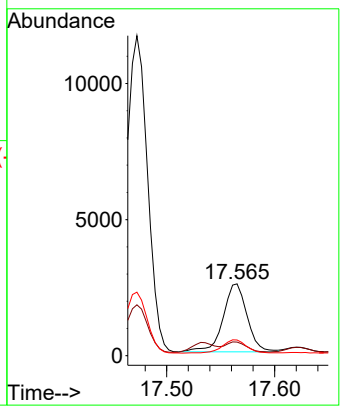


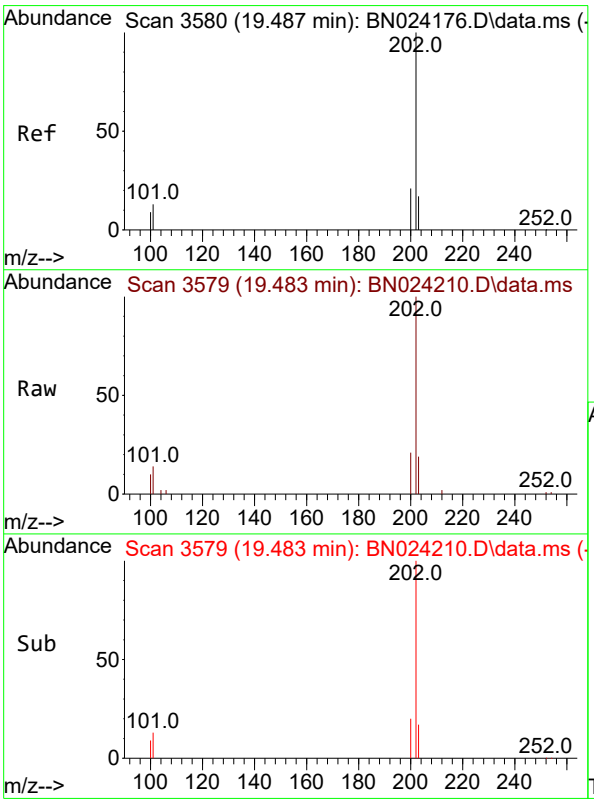
#16
Anthracene
Concen: 0.051 ng/ul
RT: 17.565 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Instrument :
BNA_N
ClientSampleId :
DCAE6DL

Tgt Ion:178 Resp: 3859

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.3	18.5#
176	21.9	15.3	22.9

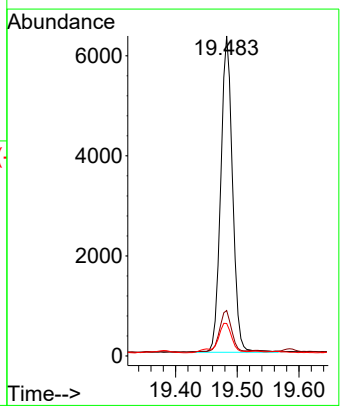


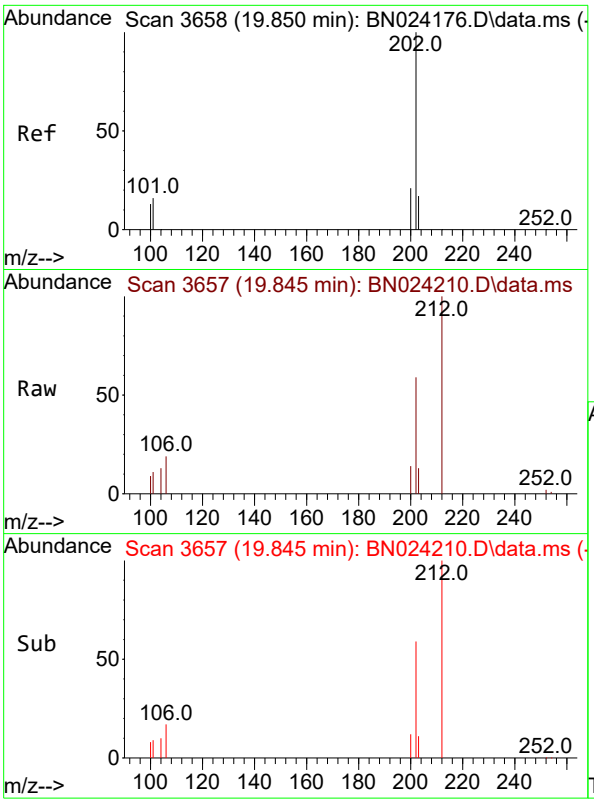


#19
Fluoranthene
Concen: 0.103 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Tgt Ion:202 Resp: 8468

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.4	15.6
100	10.2	7.7	11.5



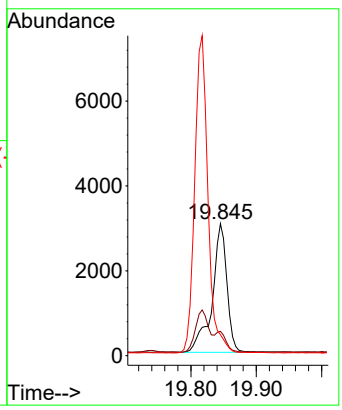


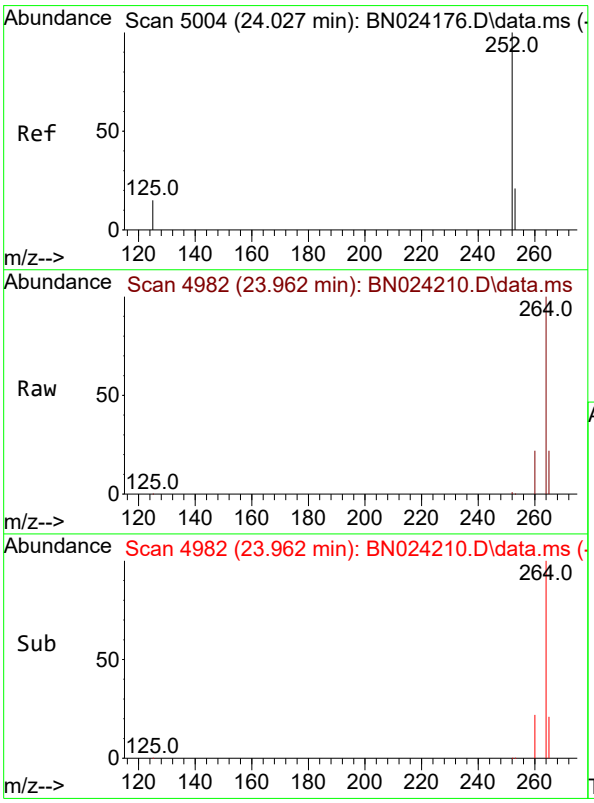
#20
Pyrene
Concen: 0.057 ng/ul
RT: 19.845 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Instrument :
BNA_N
ClientSampleId :
DCAE6DL

Tgt Ion:202 Resp: 4742

Ion	Ratio	Lower	Upper
202	100		
101	18.4	12.1	18.1#
100	15.9	9.4	14.0#





#26
Benzo(a)pyrene
Concen: 0.031 ng/ul
RT: 23.962 min Scan# 4982
Delta R.T. -0.041 min
Lab File: BN024210.D
Acq: 09 Mar 2023 21:32

Tgt Ion:252 Resp: 1548

Ion	Ratio	Lower	Upper
252	100		
253	59.3	19.2	28.8#
125	70.0	15.8	23.6#