Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024477.D
Acq On : 22 Mar 2023 11:29
Operator : CG/JU
Sample : 01810-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAF8

Quant Time: Mar 22 13:31:50 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 : Tue Mar 21 17:57:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	15932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	46605	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	27031	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.409	188	54923	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	41539	0.400	ng/ul	0.00
23) Perylene-d12	24.082	264	41685	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	77377	4.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	22186	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	52488	0.475	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	696	0.036	ng/ul#	51
5) Naphthalene	10.894	128	15547	0.134	ng/ul#	88
8) 1-Methylnaphthalene	12.714	142	3411	0.046	ng/ul	96
10) Acenaphthylene	14.383	152	40535	0.359	ng/ul#	90
11) Acenaphthene	14.726	153	826856	9.516	ng/ul	97
12) Fluorene	15.711	166	1114310	11.484	ng/ul	99
14) Pentachlorophenol	17.058	266	372341	24.408	ng/ul#	73
15) Phenanthrene	17.451	178	1202941	7.647	ng/ul	99
16) Anthracene	17.544	178	126138	0.914	ng/ul	100
19) Fluoranthene	19.464	202	96969	0.587	ng/ul	99
20) Pyrene	19.826	202	53650	0.320	ng/ul	96
26) Benzo(a)pyrene	23.933	252	14955	0.109	ng/ul#	64

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

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Sample : 01810-01
Misc :
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Instrument :
BNA_N
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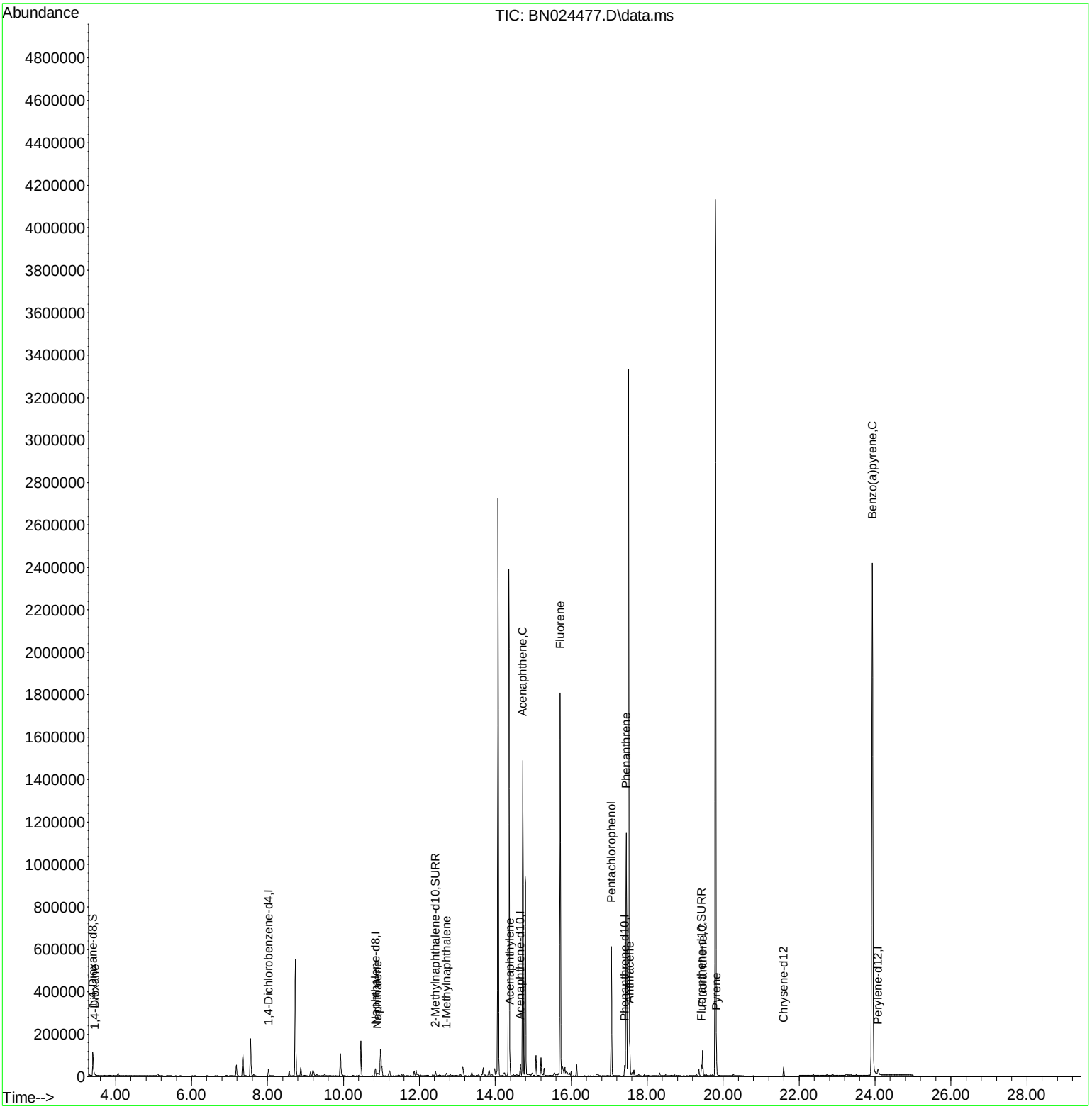
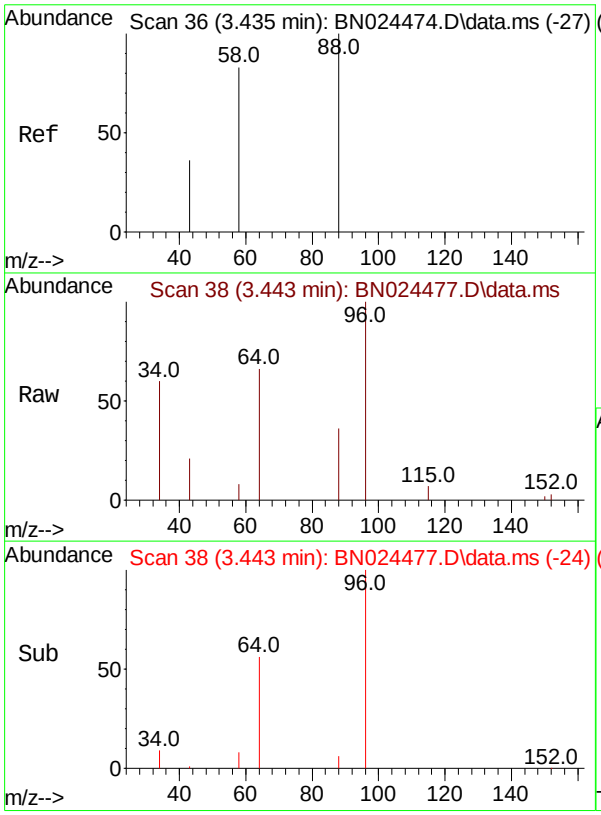
DCAF8

Quant Time: Mar 22 13:31:50 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 : Tue Mar 21 17:57:40 2023
Response via : Initial Calibration



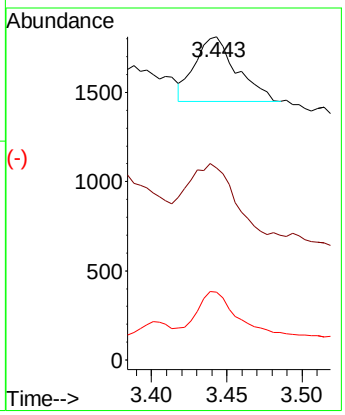


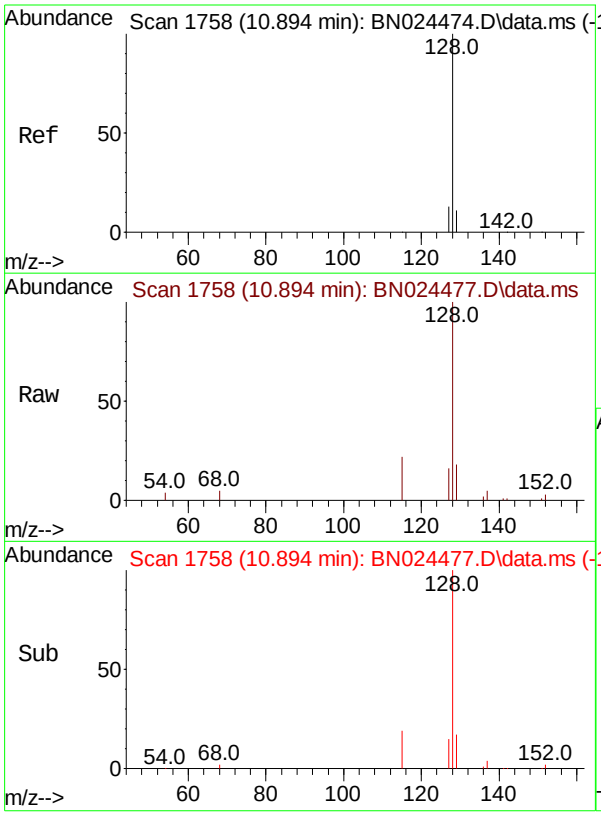
#2
1,4-Dioxane
Concen: 0.036 ng/ul
RT: 3.443 min Scan# 1
Delta R.T. 0.008 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Instrument :
BNA_N
ClientSampleId :
DCAF8

Tgt Ion: 88 Resp: 696

Ion	Ratio	Lower	Upper
88	100		
43	59.4	32.1	48.1#
58	20.9	55.1	82.7#

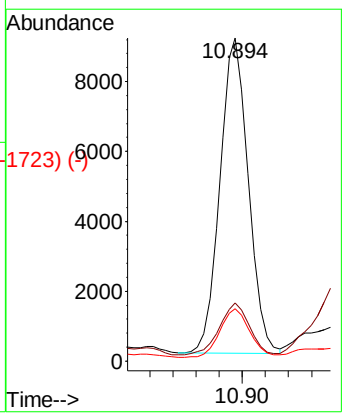


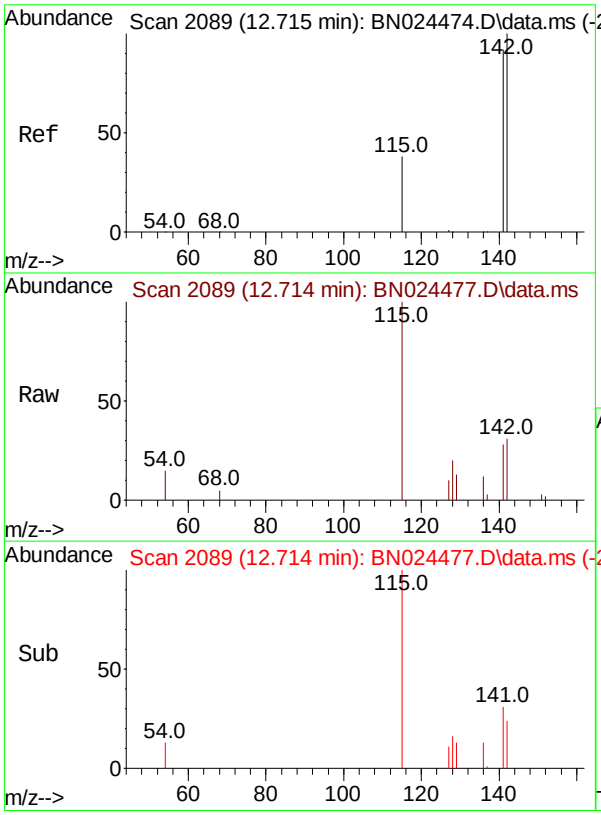


#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Tgt Ion:128 Resp: 15547

Ion	Ratio	Lower	Upper
128	100		
129	18.0	9.0	13.6#
127	16.3	10.5	15.7#



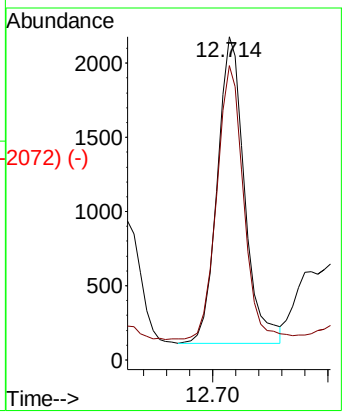


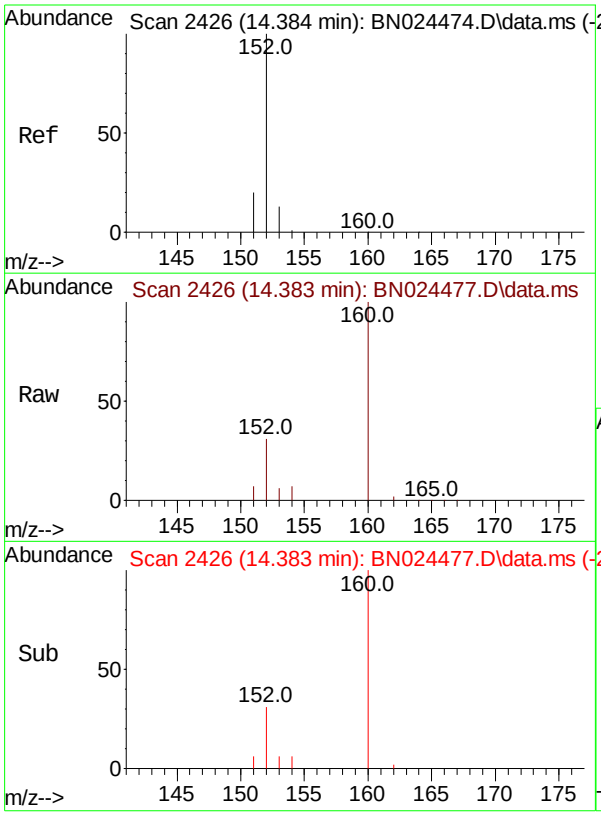
#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.714 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Instrument :
BNA_N
ClientSampleId :
DCAF8

Tgt Ion:142 Resp: 3411

Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.0	109.6

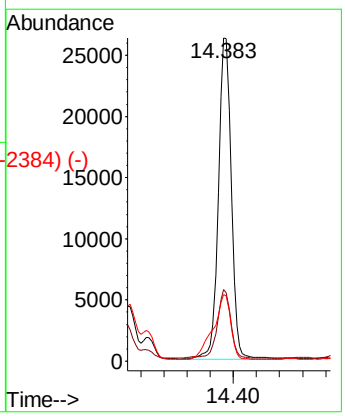


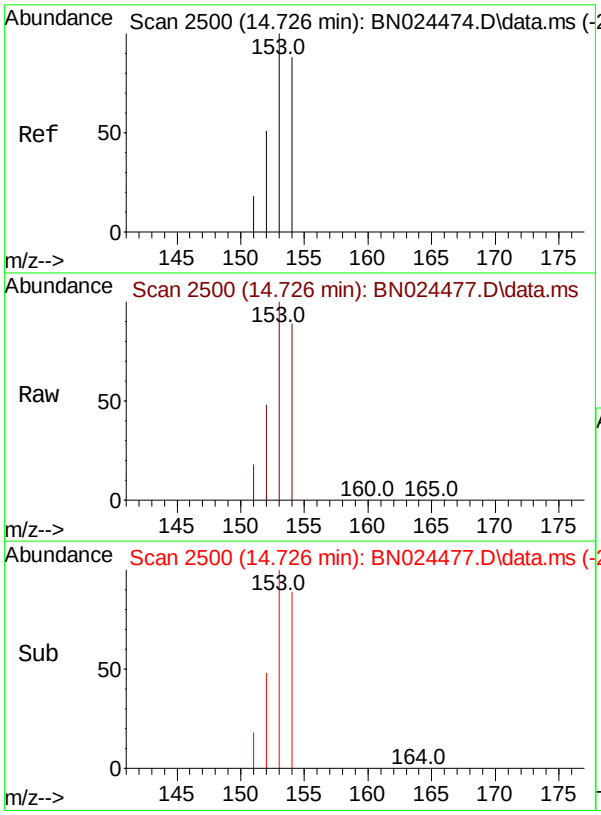


#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.383 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Tgt Ion:152 Resp: 40535

Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.9	23.9
153	20.6	10.6	16.0#



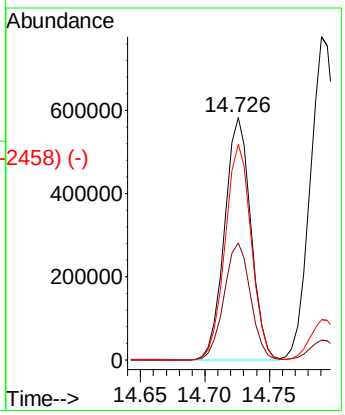


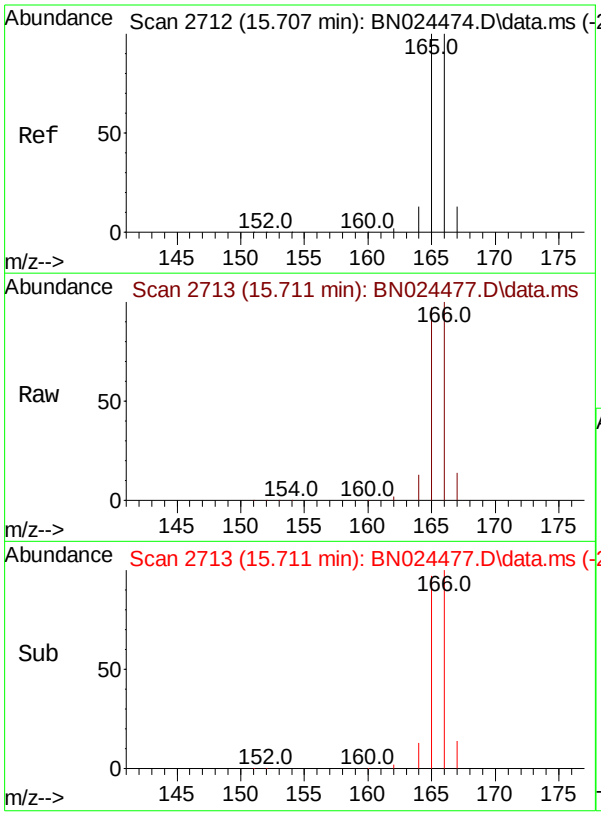
#91
Acenaphthene
Concen: 9.516 ng/ul
RT: 14.726 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Instrument :
BNA_N
ClientSampleId :
DCAF8

Tgt Ion:153 Resp: 826856

Ion	Ratio	Lower	Upper
153	100		
152	48.3	42.6	64.0
154	88.8	70.6	105.8

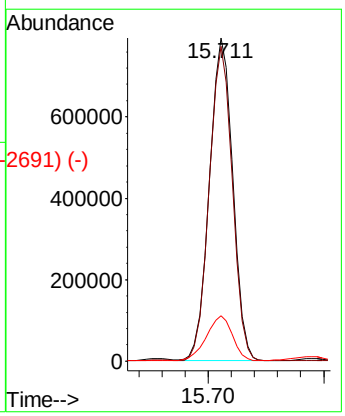


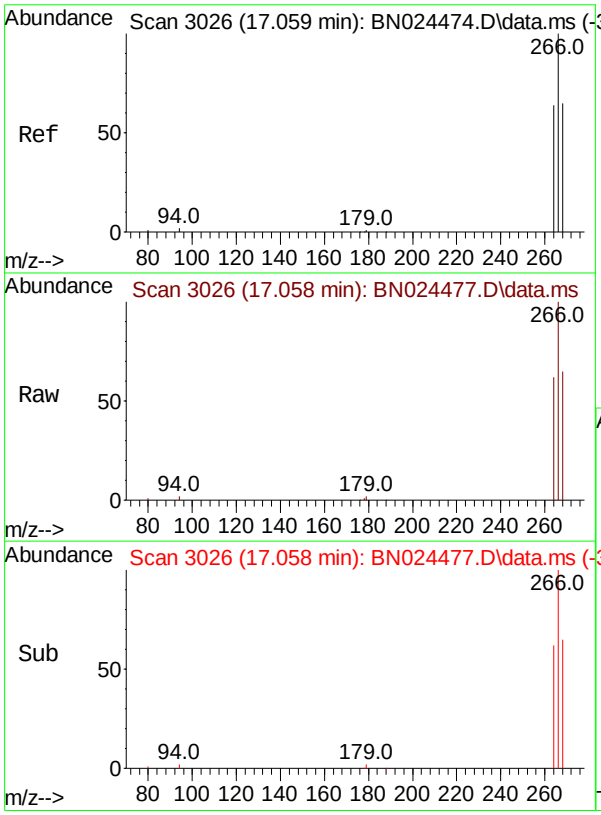


#92
Fluorene
Concen: 11.484 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Tgt Ion:166 Resp: 1114310

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.4	116.0
167	14.0	10.9	16.3



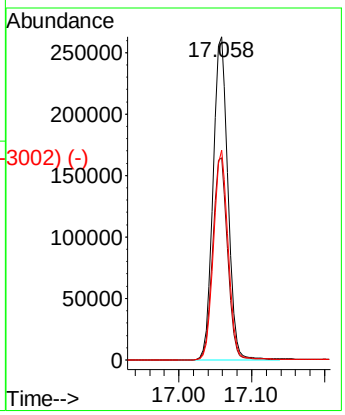


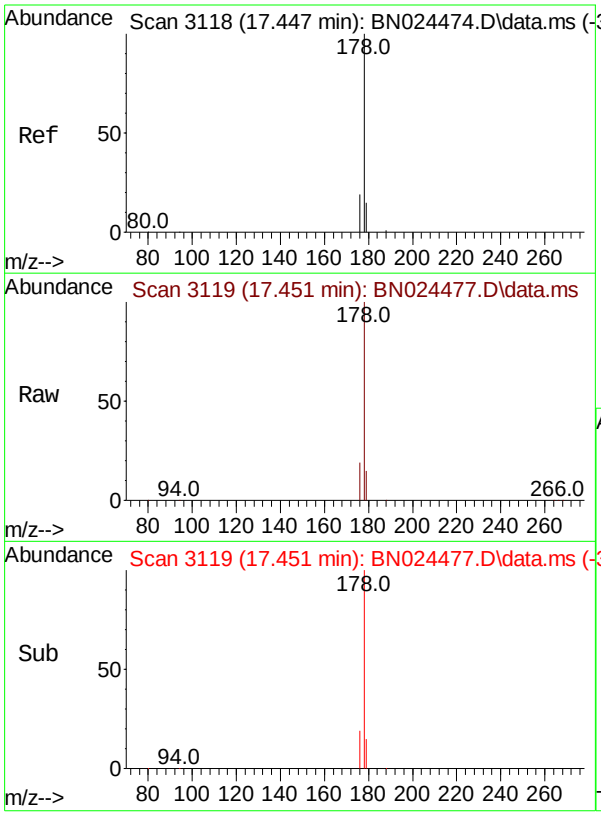
#14
Pentachlorophenol
Concen: 24.408 ng/ul
RT: 17.058 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Instrument :
BNA_N
ClientSampleId :
DCAF8

Tgt Ion:266 Resp: 372341

Ion	Ratio	Lower	Upper
266	100		
264	62.8	0.0	0.0#
268	63.9	0.1	0.1#

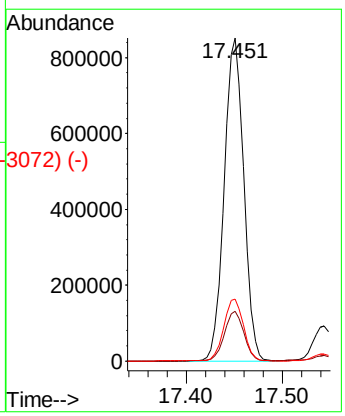


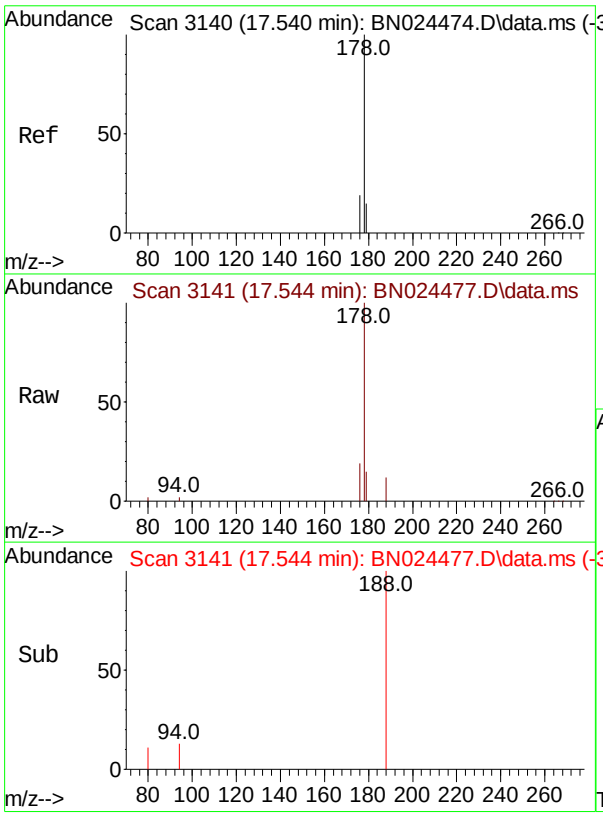


#15
Phenanthrene
Concen: 7.647 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Tgt Ion:178 Resp: 1202941

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.2	15.7	23.5



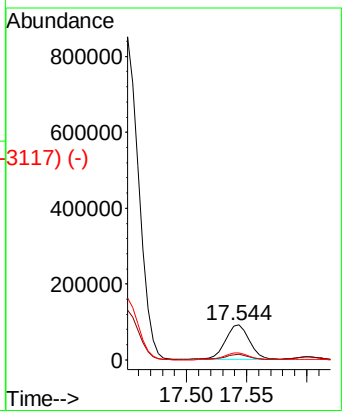


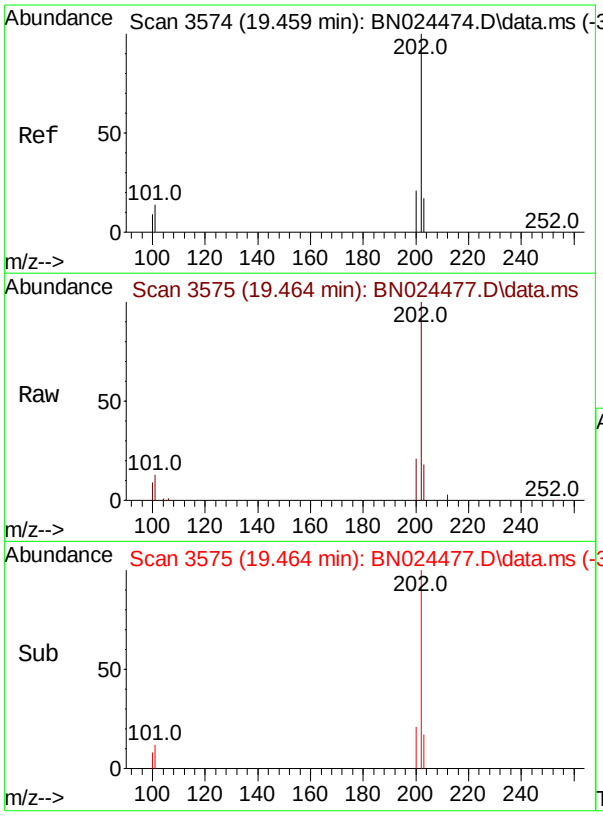
#18
Anthracene
Concen: 0.914 ng/ul
RT: 17.544 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Instrument :
BNA_N
ClientSampleId :
DCAF8

Tgt Ion:178 Resp: 126138

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.3	15.3	22.9

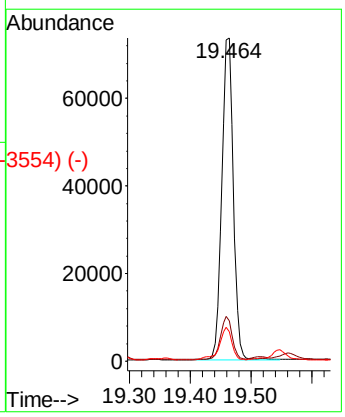


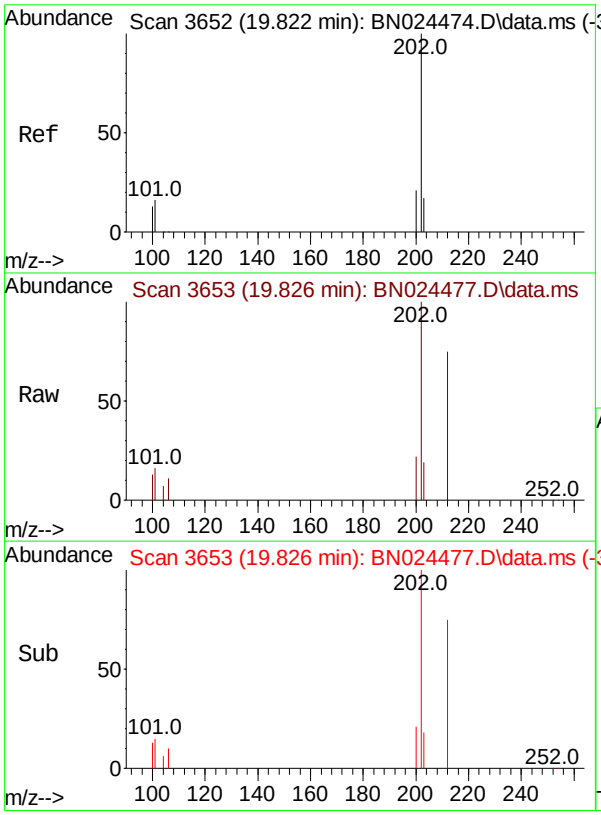


#19
Fluoranthene
Concen: 0.587 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Tgt Ion:202 Resp: 96969

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.4	15.6
100	9.0	7.7	11.5



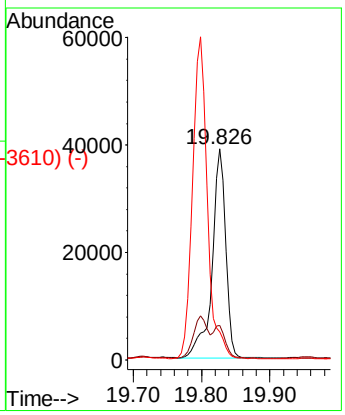


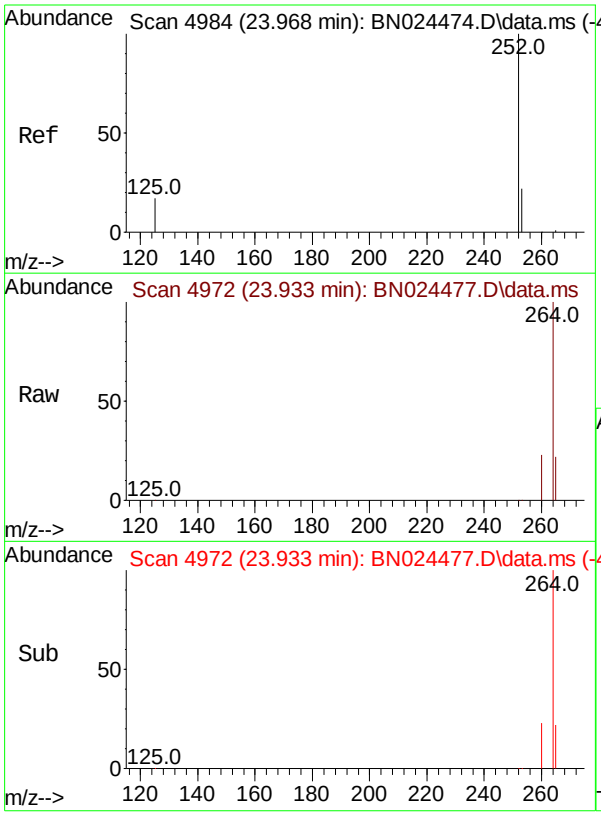
#20
Pyrene
Concen: 0.320 ng/ul
RT: 19.826 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Instrument :
BNA_N
ClientSampleId :
DCAF8

Tgt Ion:202 Resp: 53650

Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.1	18.1
100	13.4	9.4	14.0





#26
Benzo(a)pyrene
Concen: 0.109 ng/ul
RT: 23.933 min Scan# 4972
Delta R.T. -0.035 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Tgt Ion:252 Resp: 14955

Ion	Ratio	Lower	Upper
252	100		
253	40.1	19.2	28.8#
125	37.7	15.8	23.6#