Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024479.D
Acq On : 22 Mar 2023 12:42
Operator : CG/JU
Sample : 01810-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAF9DL

Quant Time: Mar 22 14:06:50 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	8.030	152	10001	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	29849	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	16886	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	34647	0.400	ng/ul	0.00
17) Chrysene-d12	21.595	240	23536	0.400	ng/ul	0.00
23) Perylene-d12	24.091	264	17477	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	10508	0.955	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	2533	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	6502	0.104	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.900	128	8943020	120.032	ng/ul	99
7) 2-Methylnaphthalene	12.500	142	465825	10.306	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	789362	16.617	ng/ul	99
10) Acenaphthylene	14.384	152	64948	0.922	ng/ul	97
11) Acenaphthene	14.726	153	1423997	26.235	ng/ul	97
12) Fluorene	15.711	166	774402	12.776	ng/ul	100
14) Pentachlorophenol	17.054	266	13293	1.381	ng/ul#	73
15) Phenanthrene	17.451	178	656326	6.614	ng/ul	99
16) Anthracene	17.540	178	51097	0.587	ng/ul	100
19) Fluoranthene	19.464	202	56301	0.601	ng/ul	98
20) Pyrene	19.822	202	24967	0.263	ng/ul	96
26) Benzo(a)pyrene	23.930	252	1699	0.030	ng/ul#	1

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

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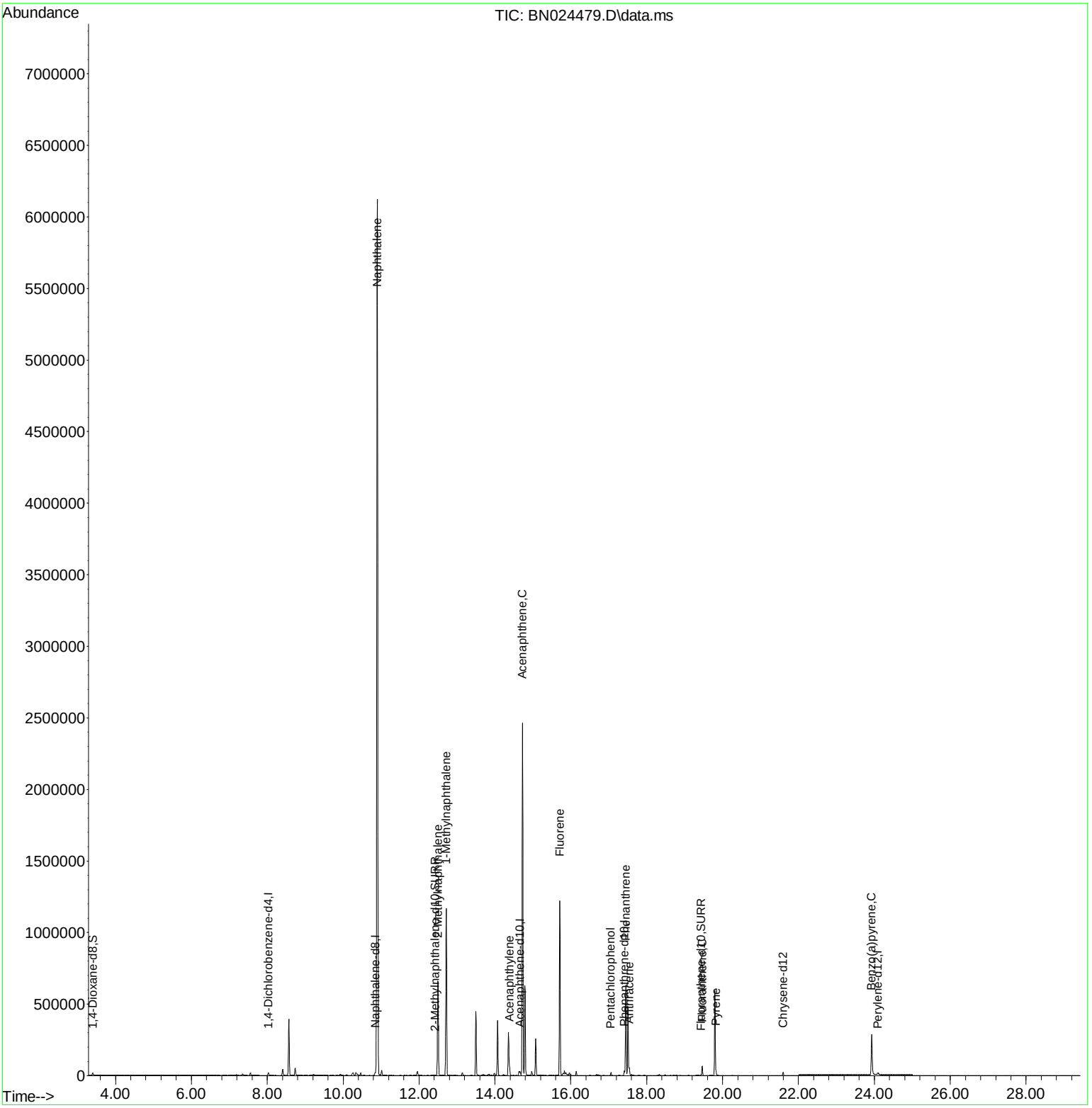
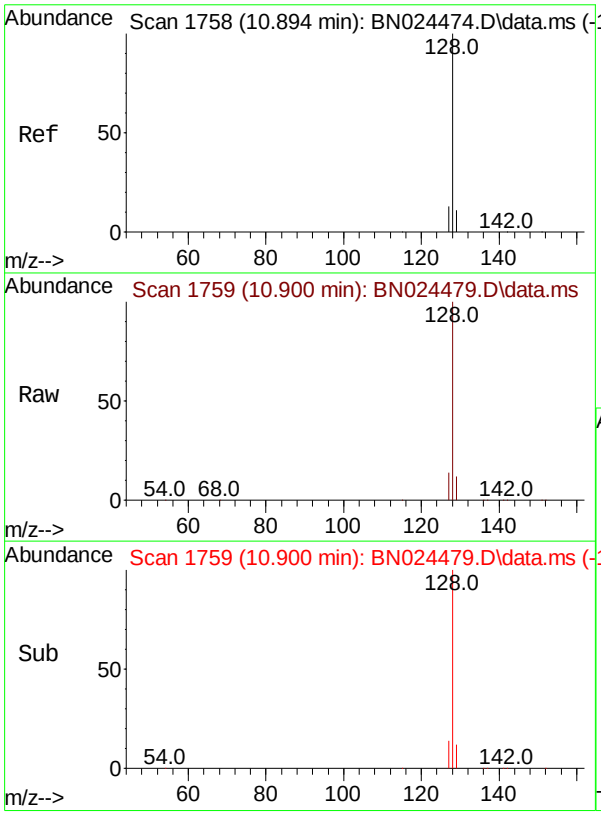


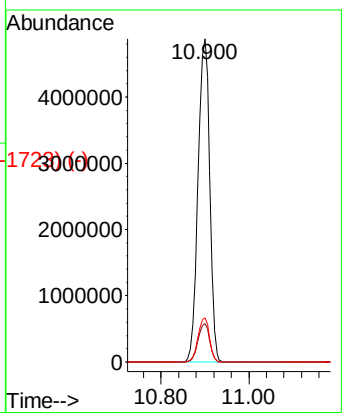


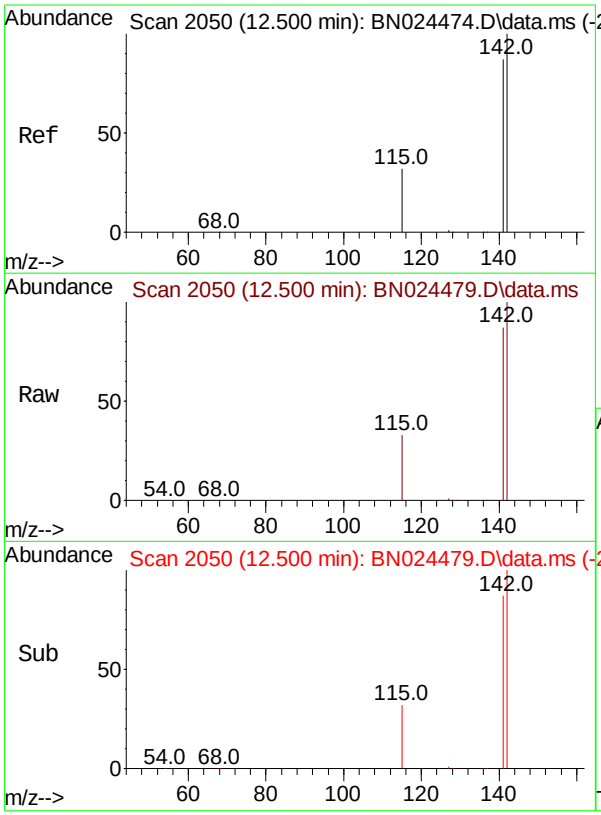
#5
Naphthalene
Concen: 120.032 ng/ul
RT: 10.900 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Instrument :
BNA_N
ClientSampleId :
DCAF9DL

Tgt Ion:128 Resp: 8943020

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	13.6	10.5	15.7

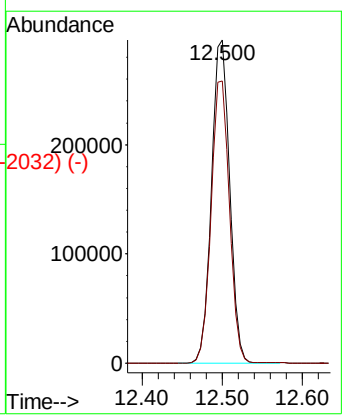


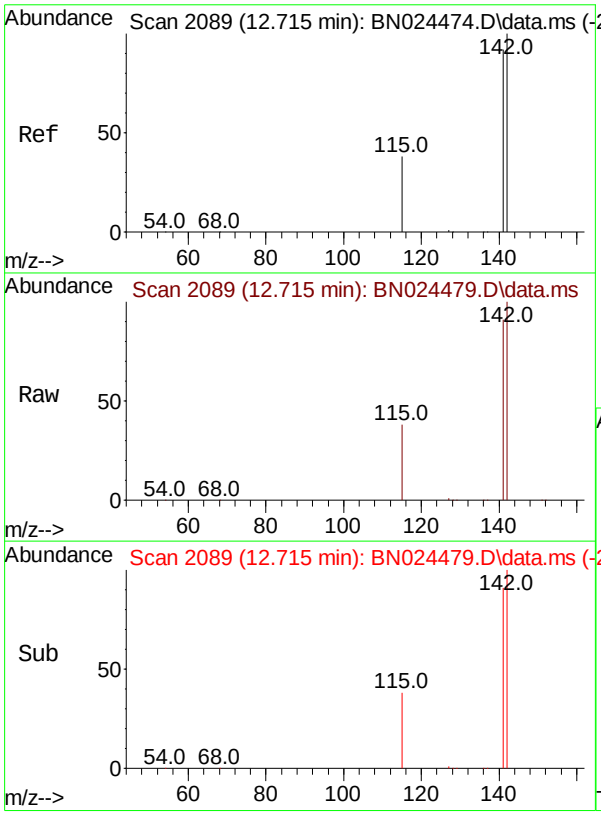


#7
2-Methylnaphthalene
Concen: 10.306 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Tgt Ion:142 Resp: 465825

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5



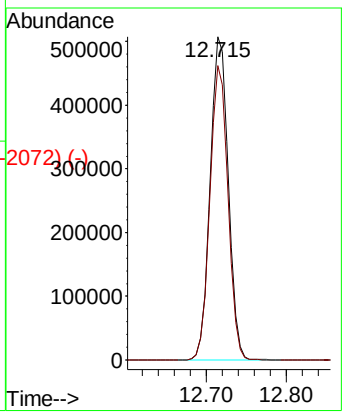


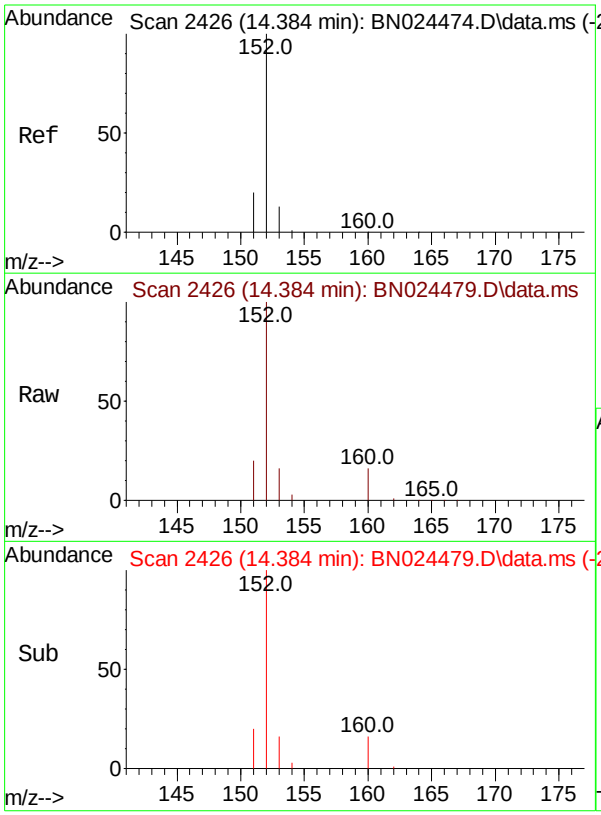
#8
1-Methylnaphthalene
Concen: 16.617 ng/ul
RT: 12.715 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Instrument :
BNA_N
ClientSampleId :
DCAF9DL

Tgt Ion:142 Resp: 789362

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.6

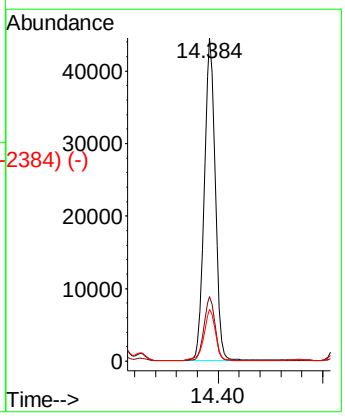


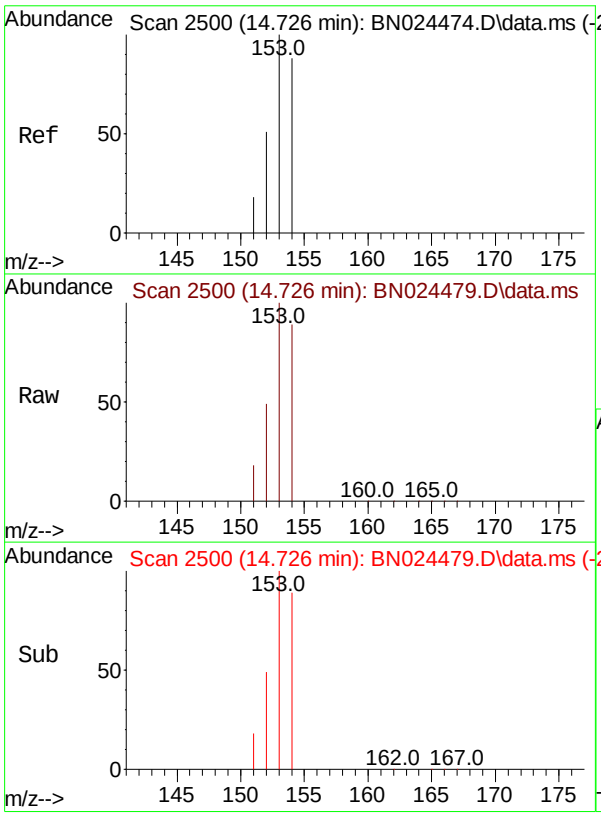


#10
Acenaphthylene
Concen: 0.922 ng/ul
RT: 14.384 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Tgt Ion:152 Resp: 64948

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



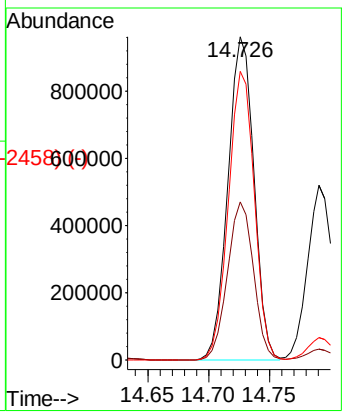


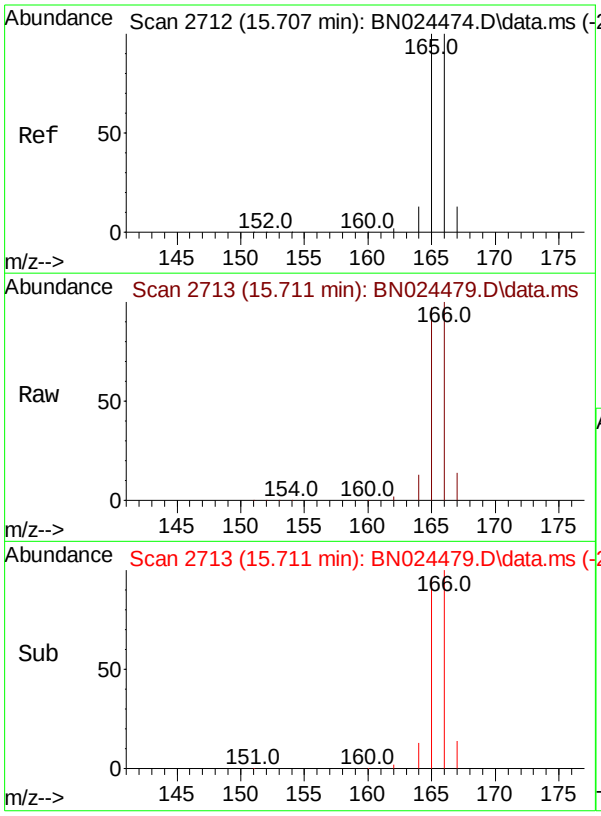
#91
Acenaphthene
Concen: 26.235 ng/ul
RT: 14.726 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Instrument :
BNA_N
ClientSampleId :
DCAF9DL

Tgt Ion:153 Resp: 1423997

Ion	Ratio	Lower	Upper
153	100		
152	48.8	42.6	64.0
154	89.2	70.6	105.8

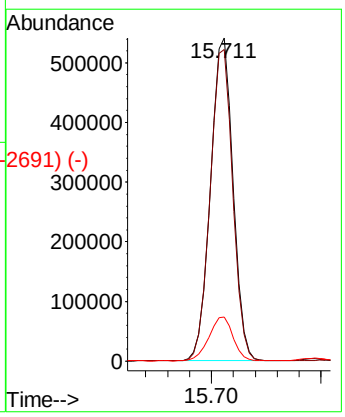


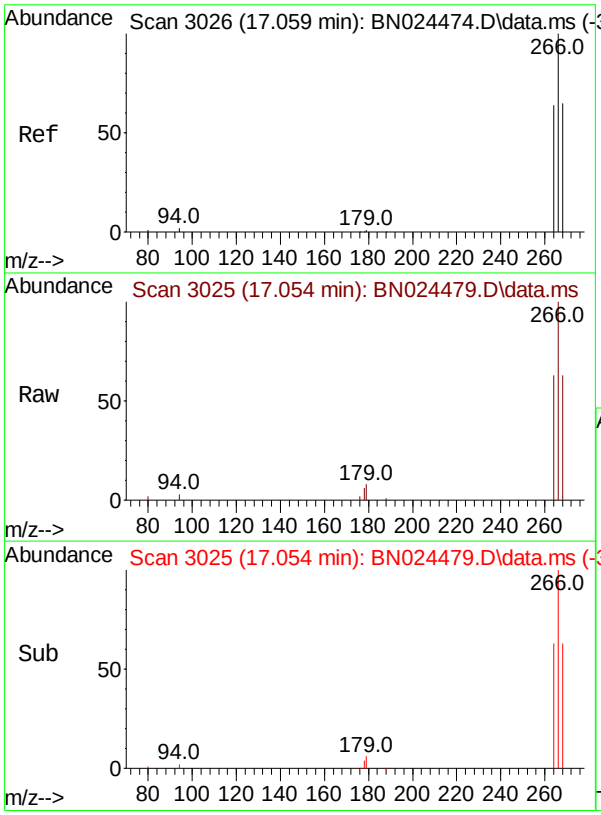


#92
Fluorene
Concen: 12.776 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. 0.000 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Tgt Ion:166 Resp: 774402

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.4	116.0
167	13.6	10.9	16.3



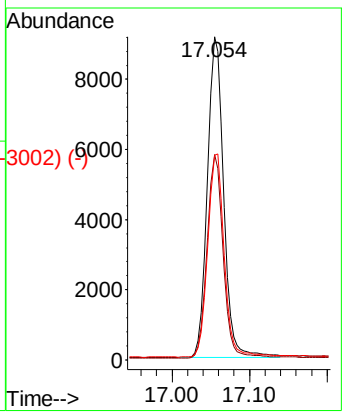


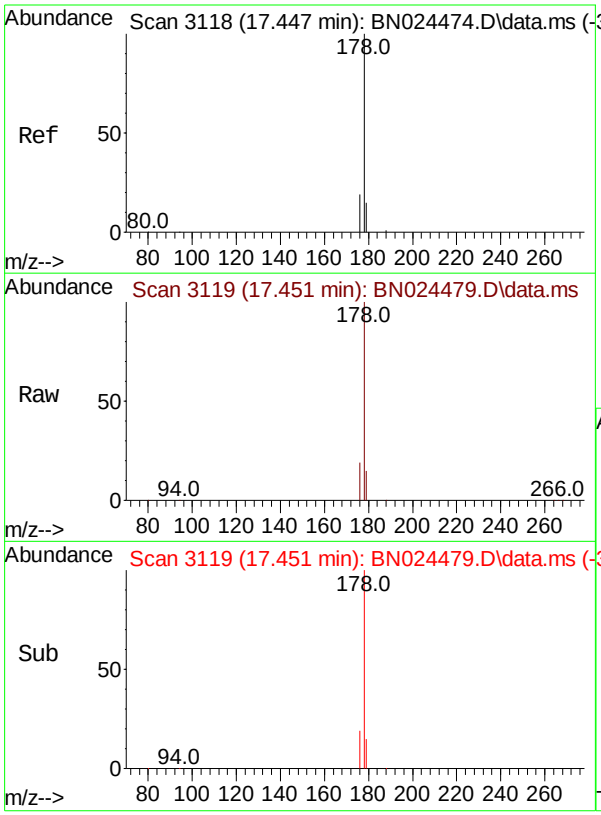
#14
Pentachlorophenol
Concen: 1.381 ng/ul
RT: 17.054 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Instrument :
BNA_N
ClientSampleId :
DCAF9DL

Tgt Ion:266 Resp: 13293

Ion	Ratio	Lower	Upper
266	100		
264	62.7	0.0	0.0#
268	64.3	0.1	0.1#

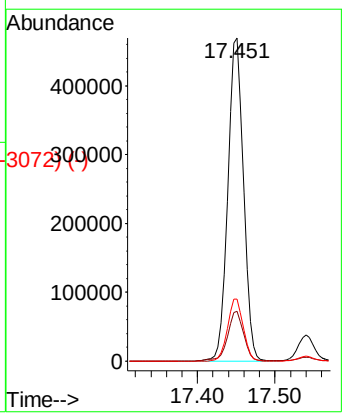


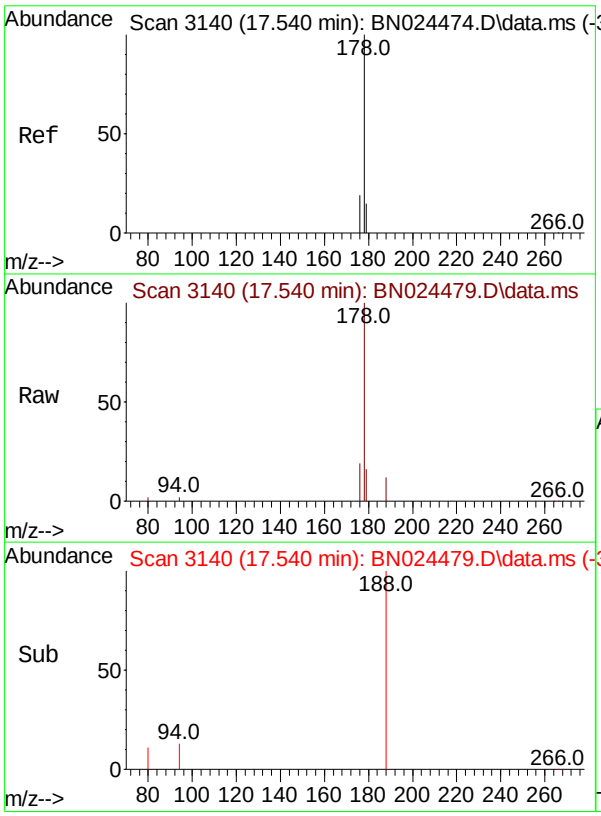


#15
Phenanthrene
Concen: 6.614 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Tgt Ion:178 Resp: 656326

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



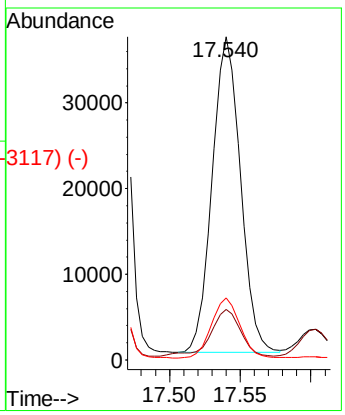


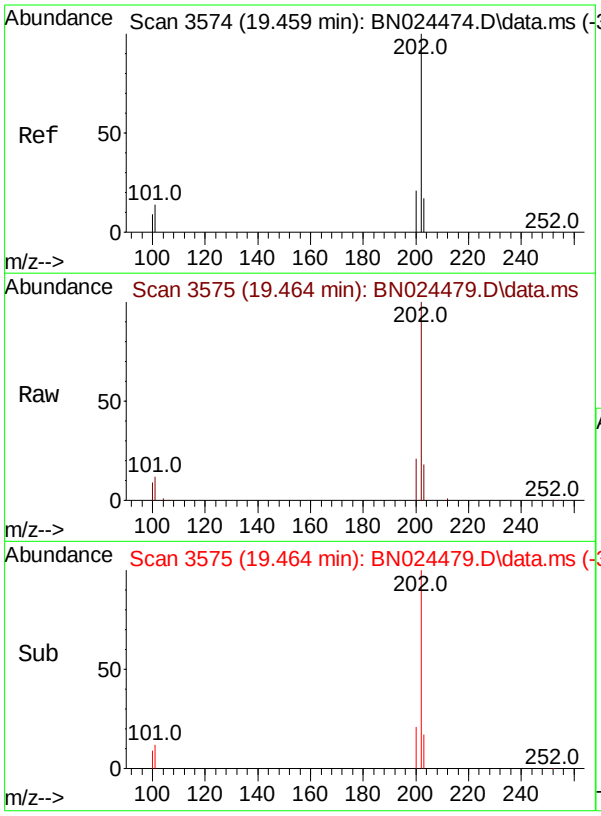
#16
Anthracene
Concen: 0.587 ng/ul
RT: 17.540 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Instrument :
BNA_N
ClientSampleId :
DCAF9DL

Tgt Ion:178 Resp: 51097

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.3	22.9

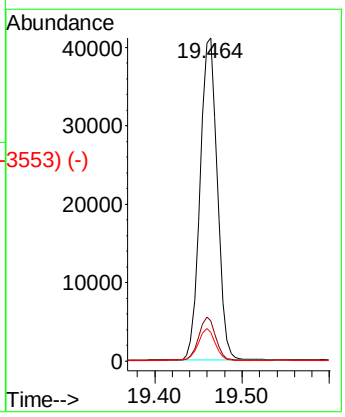


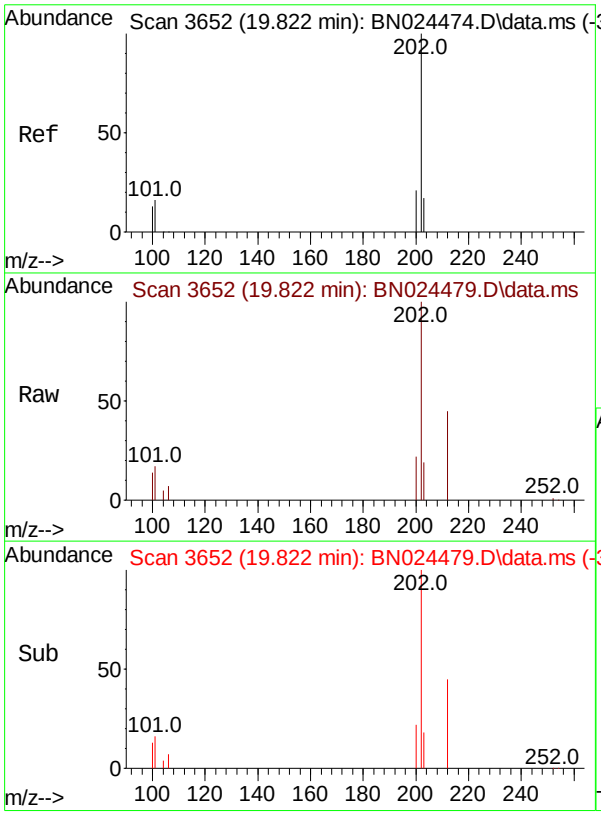


#19
Fluoranthene
Concen: 0.601 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Tgt Ion:202 Resp: 56301

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.4	15.6
100	8.8	7.7	11.5



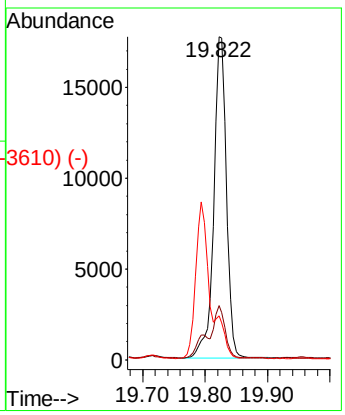


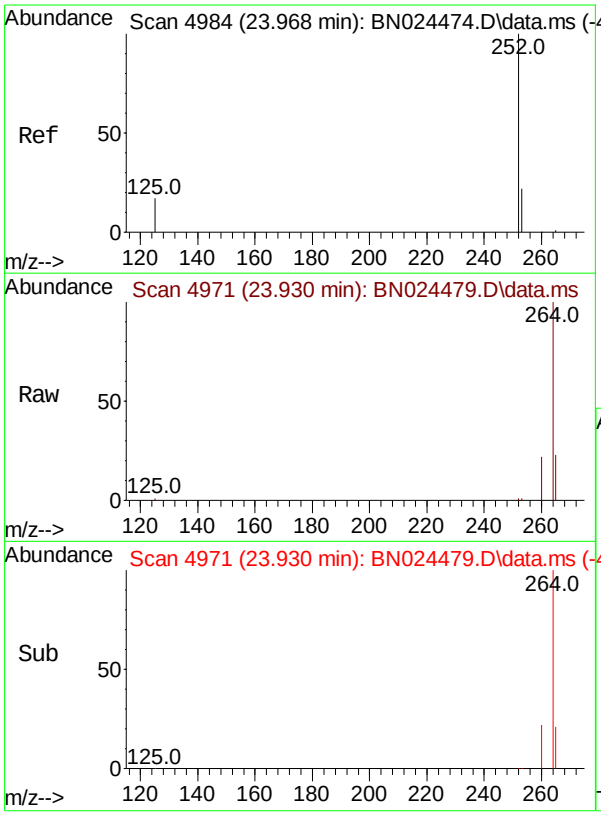
#20
Pyrene
Concen: 0.263 ng/ul
RT: 19.822 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Instrument :
BNA_N
ClientSampleId :
DCAF9DL

Tgt Ion:202 Resp: 24967

Ion	Ratio	Lower	Upper
202	100		
101	16.8	12.1	18.1
100	13.6	9.4	14.0





#26
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.930 min Scan# 4971
Delta R.T. -0.038 min
Lab File: BN024479.D
Acq: 22 Mar 2023 12:42

Tgt Ion:252 Resp: 1699

Ion	Ratio	Lower	Upper
252	100		
253	83.9	19.2	28.8#
125	91.7	15.8	23.6#