Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024222.D
Acq On : 10 Mar 2023 05:27
Operator : CG/JU
Sample : 01784-13
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCAC3

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 06:25:10 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 : Fri Mar 10 03:43:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	10718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.889	136	32261	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.689	164	26001	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.430	188	37459	0.400	ng/ul	0.00
17) Chrysene-d12	21.612	240	26460	0.400	ng/ul	0.00
23) Perylene-d12	24.126	264	22532	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	51824	4.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	16427	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	33090	0.470	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.944	128	38584284	479.156	ng/ul	95
7) 2-Methylnaphthalene	12.539	142	7895956	161.627	ng/ul	99
8) 1-Methylnaphthalene	12.753	142	7454008	145.187	ng/ul	99
10) Acenaphthylene	14.411	152	522115	4.813	ng/ul	97
11) Acenaphthene	14.763	153	8270433	98.954	ng/ul	97
12) Fluorene	15.735	166	1933748	20.719	ng/ul	100
14) Pentachlorophenol	17.080	266	46132	4.434	ng/ul#	73
15) Phenanthrene	17.477	178	1985790	18.509	ng/ul	99
16) Anthracene	17.565	178	112713	1.197	ng/ul	99
19) Fluoranthene	19.483	202	97180	0.923	ng/ul	99
20) Pyrene	19.845	202	32063m	0.300	ng/ul	

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

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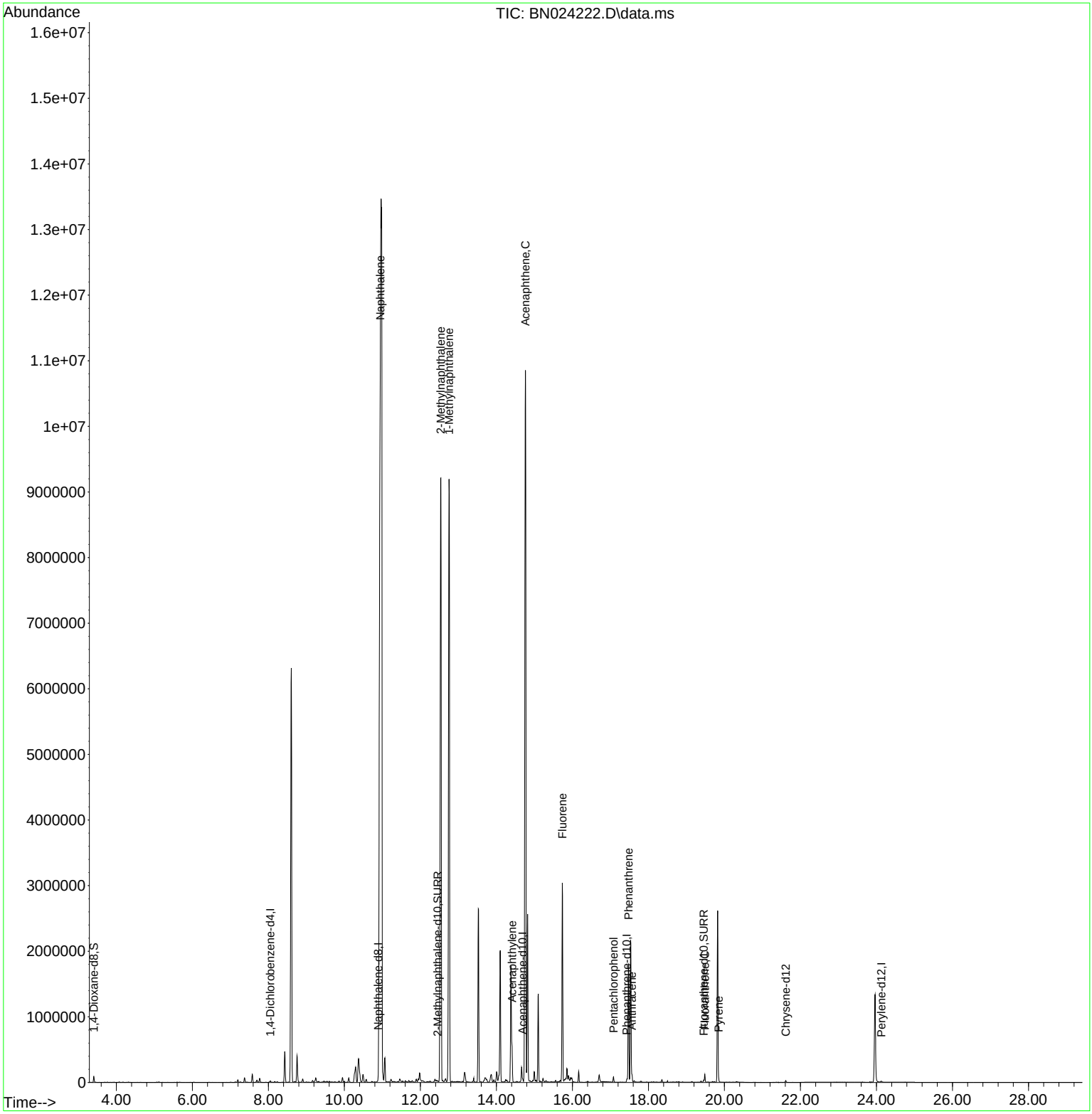

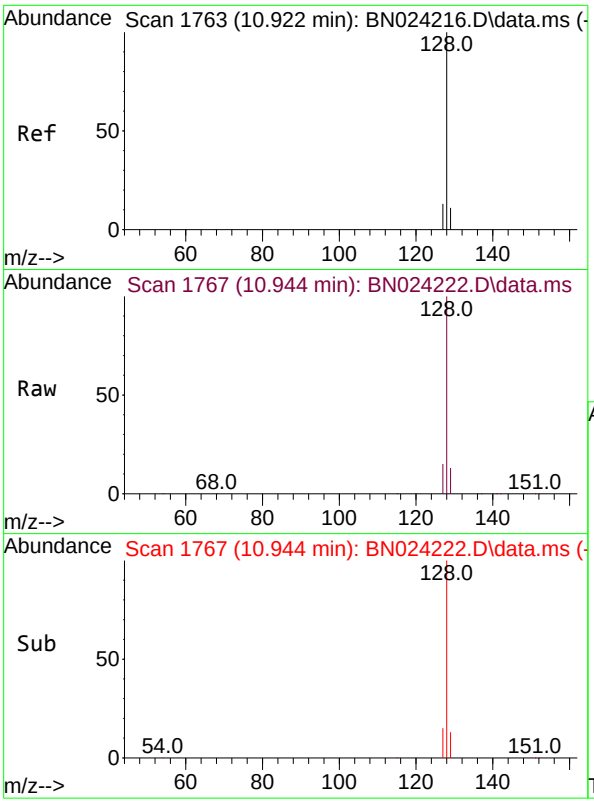

#5
Naphthalene
Concen: 479.156 ng/ul
RT: 10.944 min Scan# 1
Delta R.T. 0.022 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:128 Resp:3858428

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	15.2	10.5	15.7

Instrument :
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ClientSampleId :
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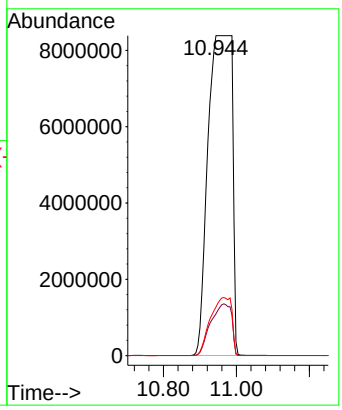
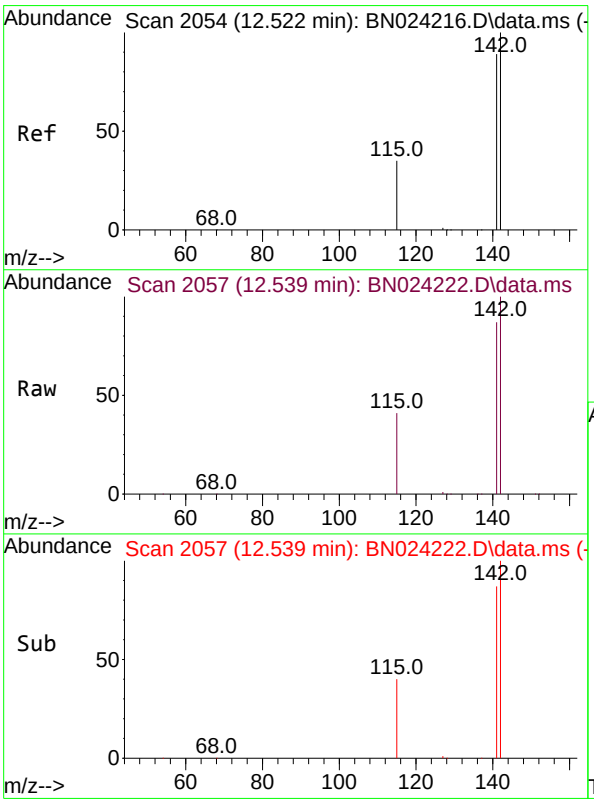
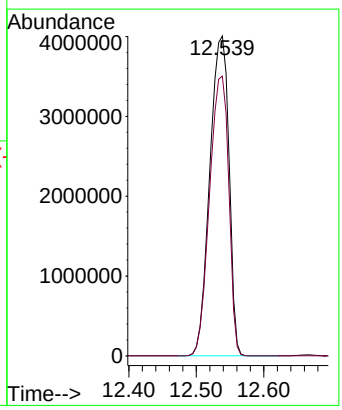


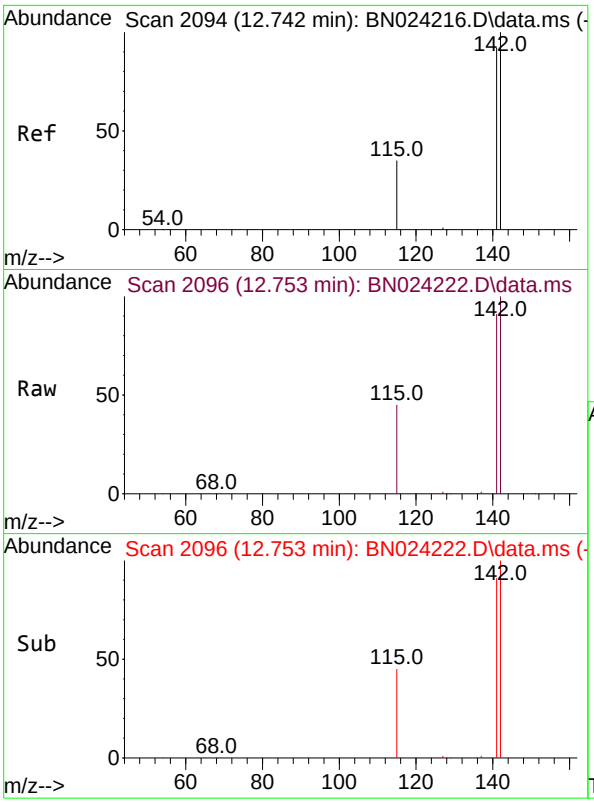


#7
2-Methylnaphthalene
Concen: 161.627 ng/ul
RT: 12.539 min Scan# 2057
Delta R.T. 0.017 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:142 Resp: 7895956

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.3	105.5





#8
1-Methylnaphthalene
Concen: 145.187 ng/ul
RT: 12.753 min Scan# 2
Delta R.T. 0.011 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:142 Resp: 745400

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.0	109.6

Instrument :
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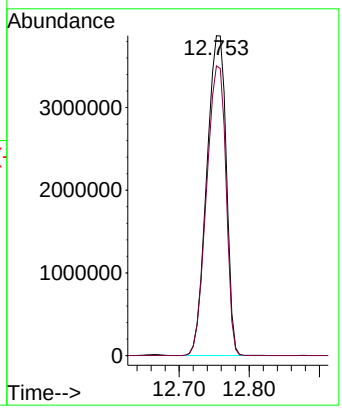
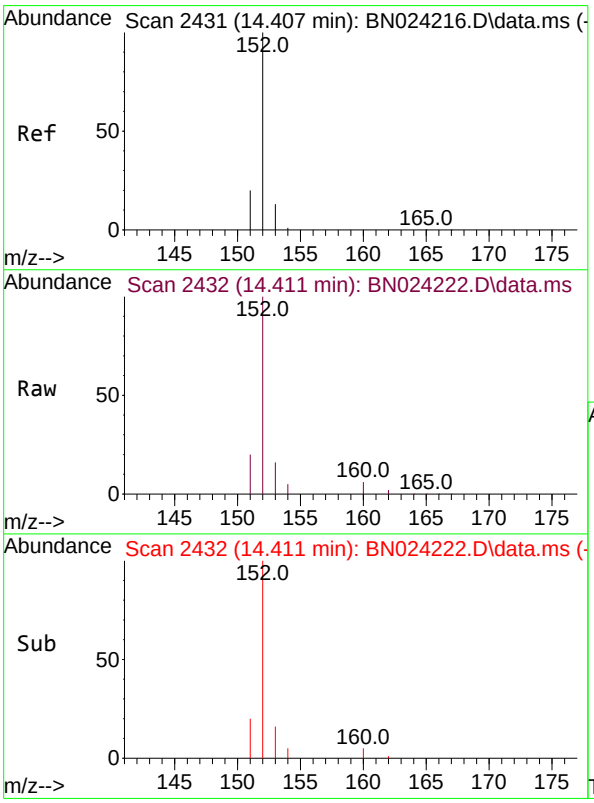
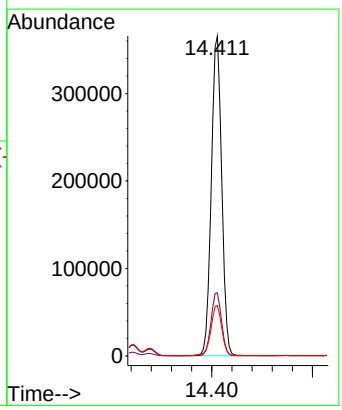


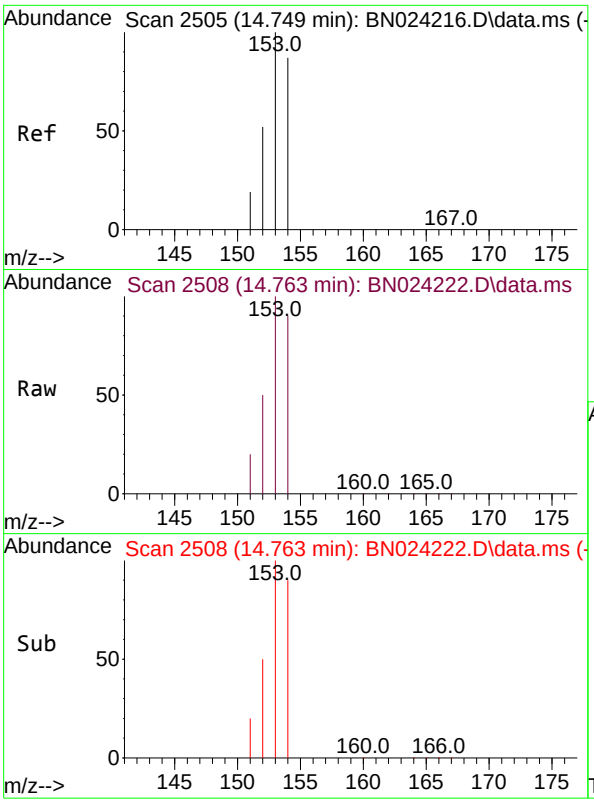


#10
Acenaphthylene
Concen: 4.813 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.005 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:152 Resp: 522115

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	15.7	10.6	16.0

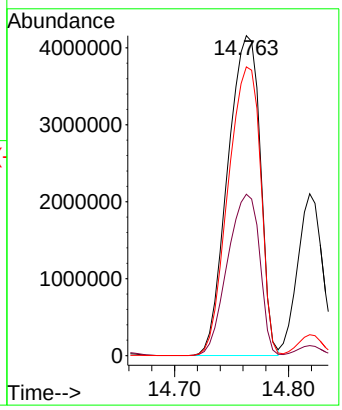




#11
Acenaphthene
Concen: 98.954 ng/ul
RT: 14.763 min Scan# 2
Delta R.T. 0.014 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:153 Resp: 827043

Ion	Ratio	Lower	Upper
153	100		
152	50.4	42.6	64.0
154	90.3	70.6	105.8



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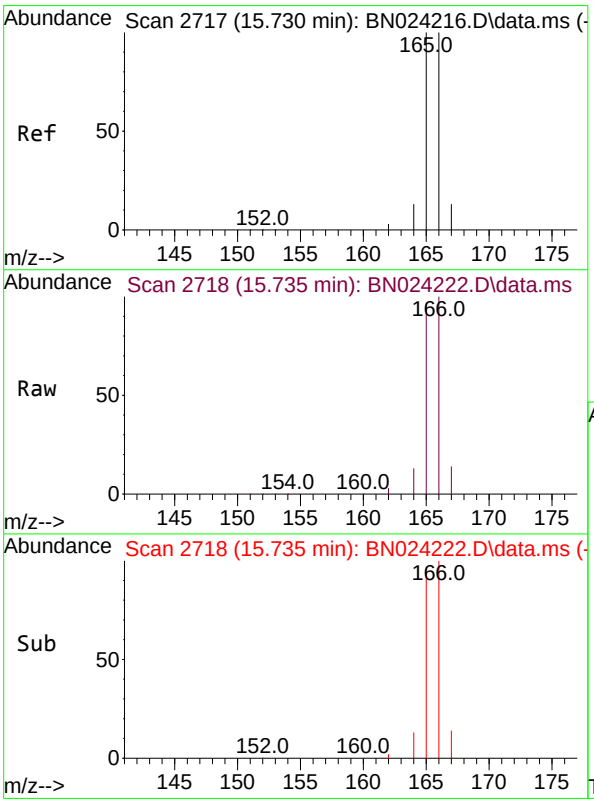
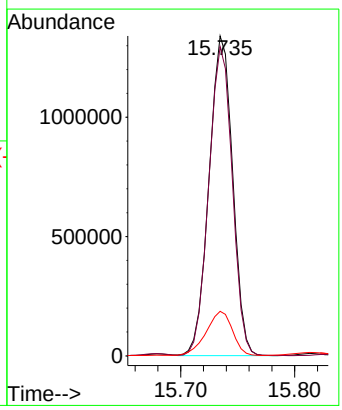
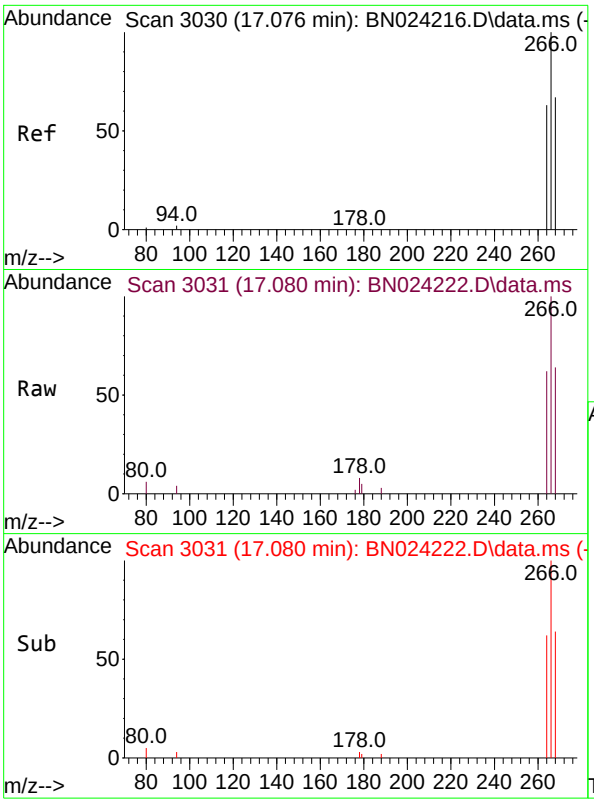


#12
Fluorene
Concen: 20.719 ng/ul
RT: 15.735 min Scan# 2718
Delta R.T. 0.005 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:166 Resp: 1933748

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.4	116.0
167	13.9	10.9	16.3





#14
Pentachlorophenol
Concen: 4.434 ng/ul
RT: 17.080 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:266 Resp: 4613

Ion	Ratio	Lower	Upper
266	100		
264	62.6	0.0	0.0#
268	63.8	0.1	0.1#

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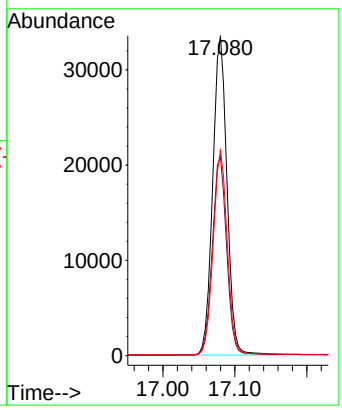
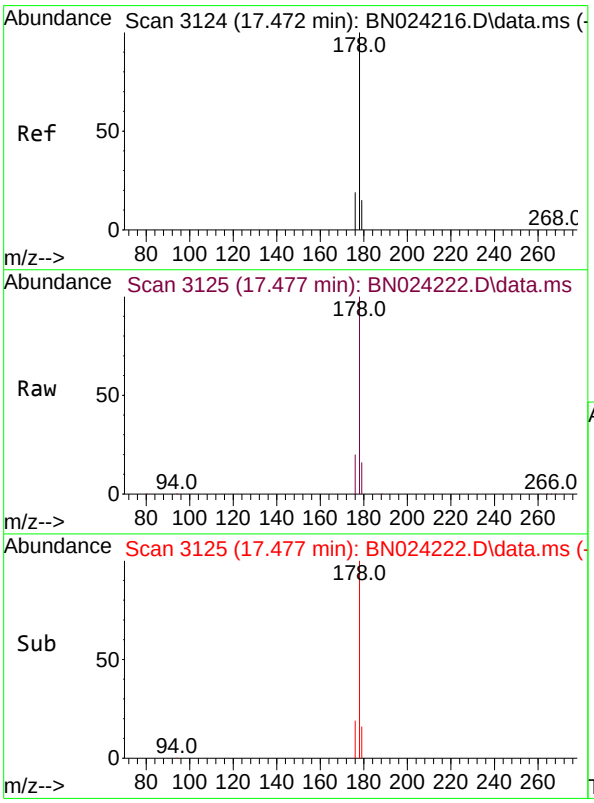
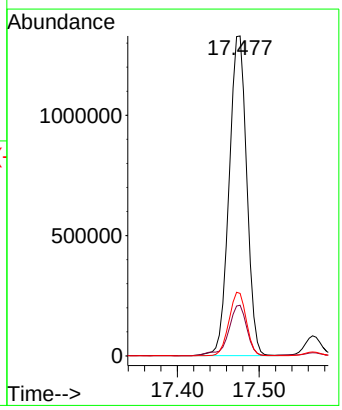


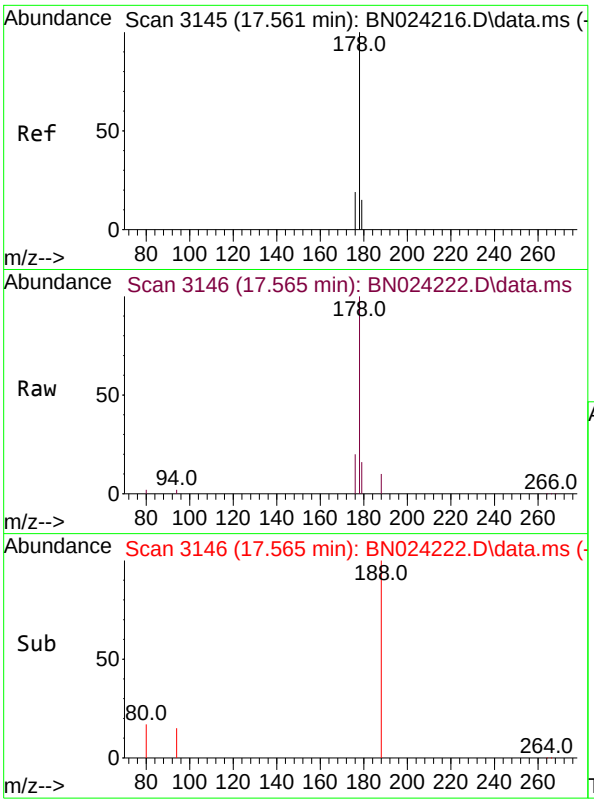


#15
Phenanthrene
Concen: 18.509 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:178 Resp: 1985790

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	19.5	15.7	23.5

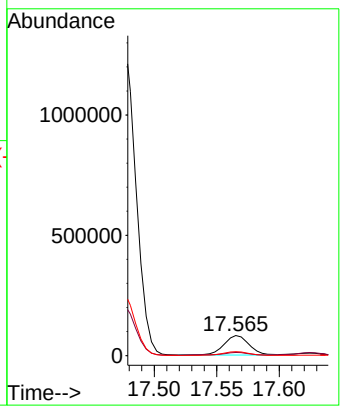




#16
Anthracene
Concen: 1.197 ng/ul
RT: 17.565 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:178 Resp: 11271

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.6	15.3	22.9



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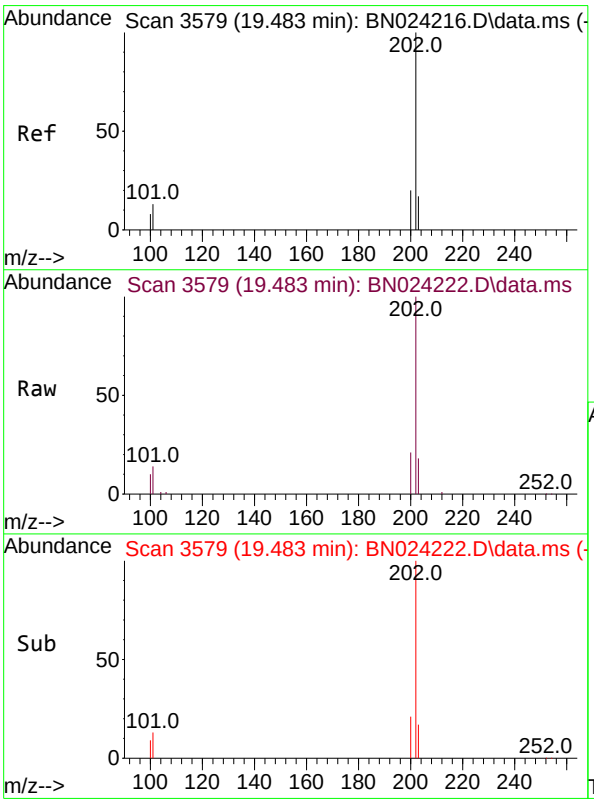
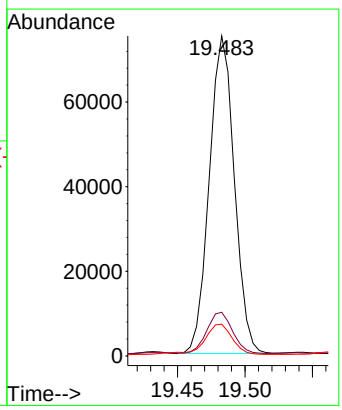
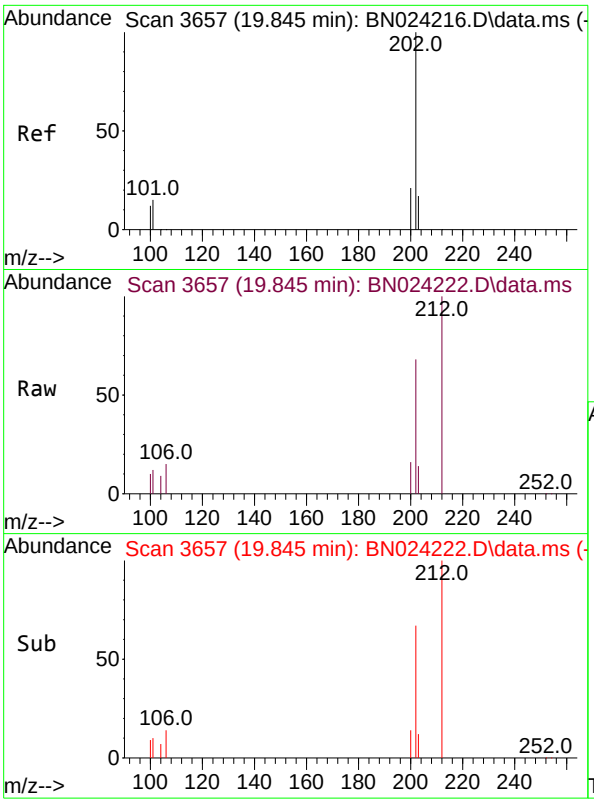


#19
Fluoranthene
Concen: 0.923 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:202 Resp: 97180

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.4	15.6
100	9.9	7.7	11.5

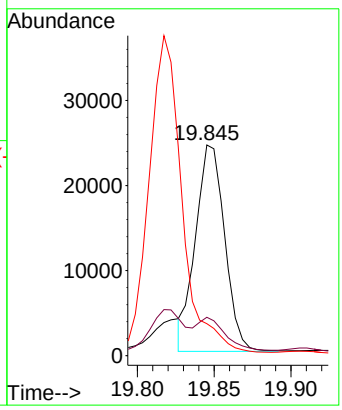




#20
Pyrene
Concen: 0.300 ng/ul m
RT: 19.845 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024222.D
Acq: 10 Mar 2023 05:27

Tgt Ion:202 Resp: 3206

Ion	Ratio	Lower	Upper
202	100		
101	18.2	12.1	18.1#
100	15.1	9.4	14.0#



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