Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
Data File : BN025006.D
Acq On : 19 Apr 2023 17:27
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 20 04:59:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 18:38:47 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DCBL0

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	9135	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	25144	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.562	164	49635m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.331	188	38119m	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	31787m	0.400	ng/ul	0.00
23) Perylene-d12	23.944	264	29044m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	36502	3.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	13736	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	33564m	0.425	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.798	128	62018593	967.759	ng/ul#	93
7) 2-Methylnaphthalene	12.420	142	11551032	289.877	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	18474177	437.301	ng/ul	100
10) Acenaphthylene	14.298	152	255161	1.371	ng/ul#	51
11) Acenaphthene	14.659	153	17839213	111.797	ng/ul	96
12) Fluorene	15.640	166	10595927m	59.290	ng/ul	
15) Phenanthrene	17.377	178	15221431	141.699	ng/ul	94
19) Fluoranthene	19.383	202	501691m	4.583	ng/ul	
20) Pyrene	19.750	202	197642	1.762	ng/ul	97
26) Benzo(a)pyrene	23.789	252	8311	0.086	ng/ul#	52

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

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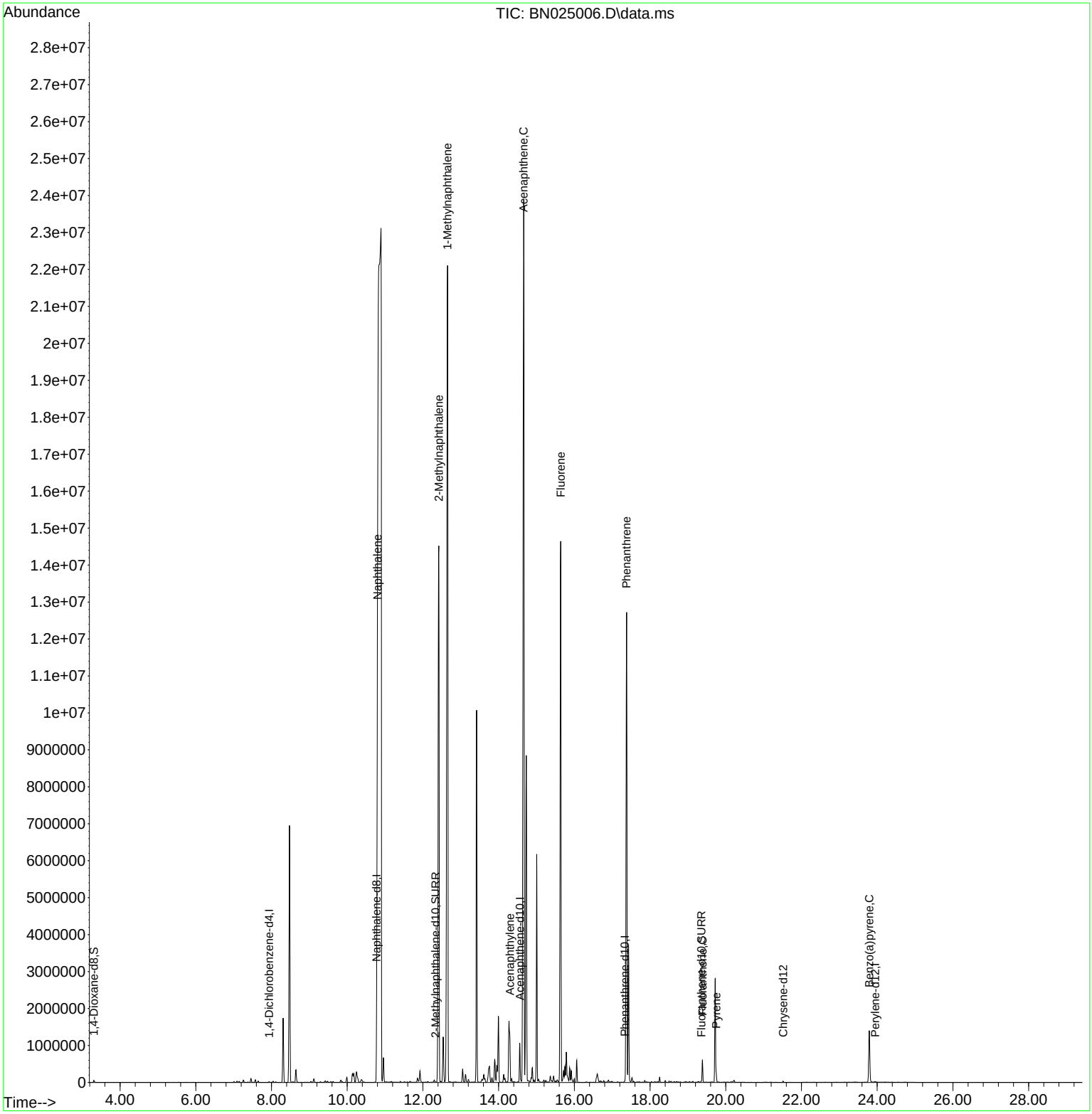

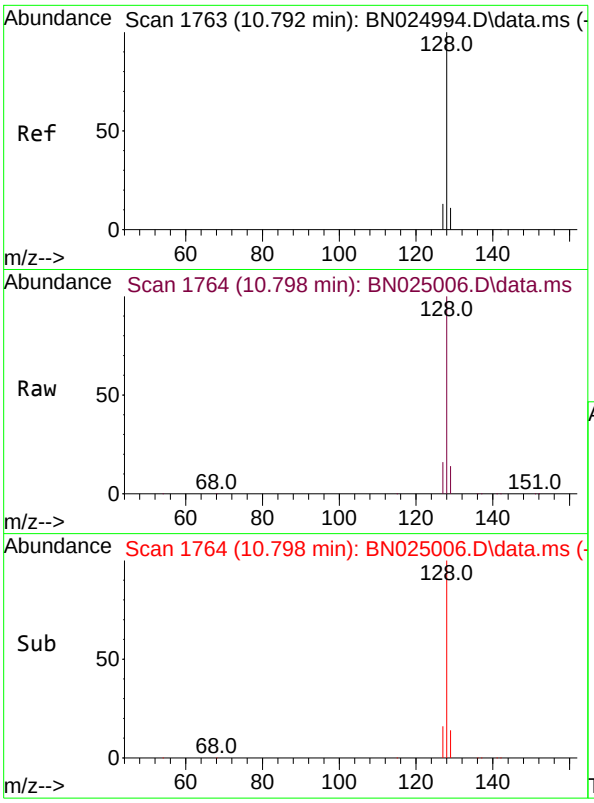

#5
Naphthalene
Concen: 967.759 ng/ul
RT: 10.798 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:128 Resp:6201859

Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.1	13.7#
127	16.0	10.5	15.7#

Instrument :
BNA_N
ClientSampleId :
DCBL0

Manual Integrations
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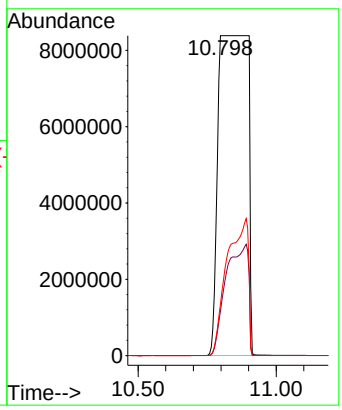
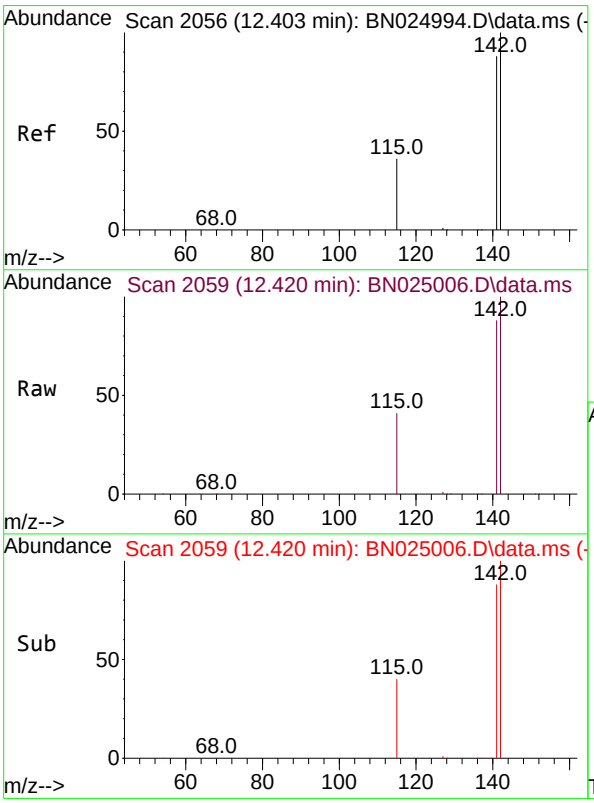
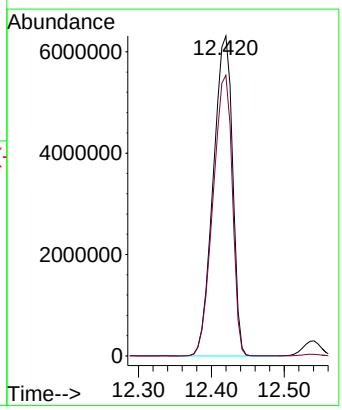


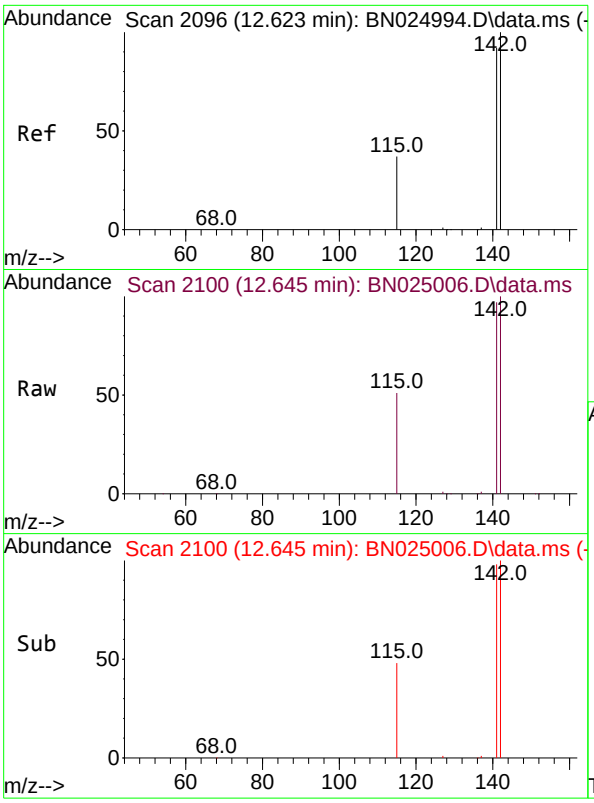


#7
2-Methylnaphthalene
Concen: 289.877 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.017 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:142 Resp:11551032

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.7	106.1

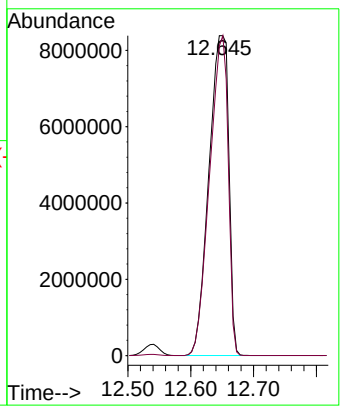




#8
1-Methylnaphthalene
Concen: 437.301 ng/ul
RT: 12.645 min Scan# 21
Delta R.T. 0.022 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:142 Resp:1847417

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.0	111.0



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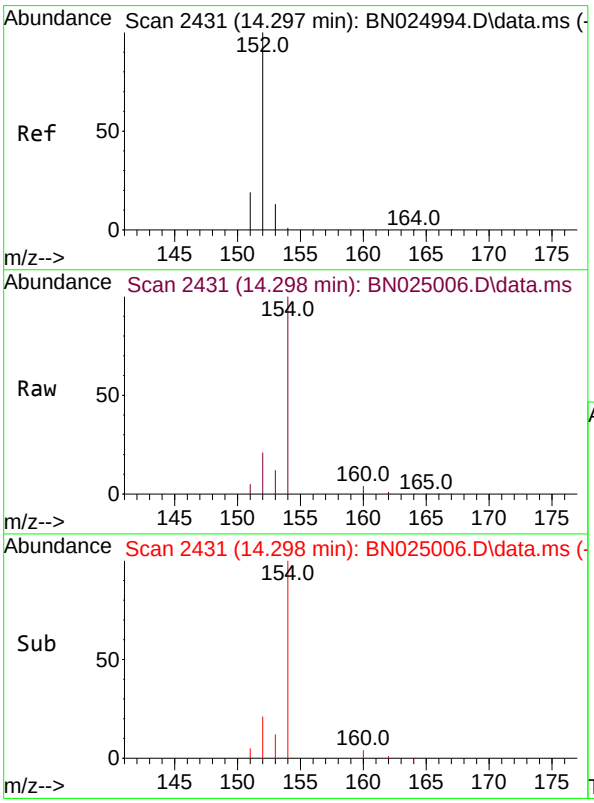
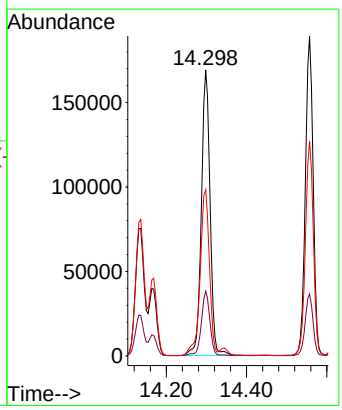
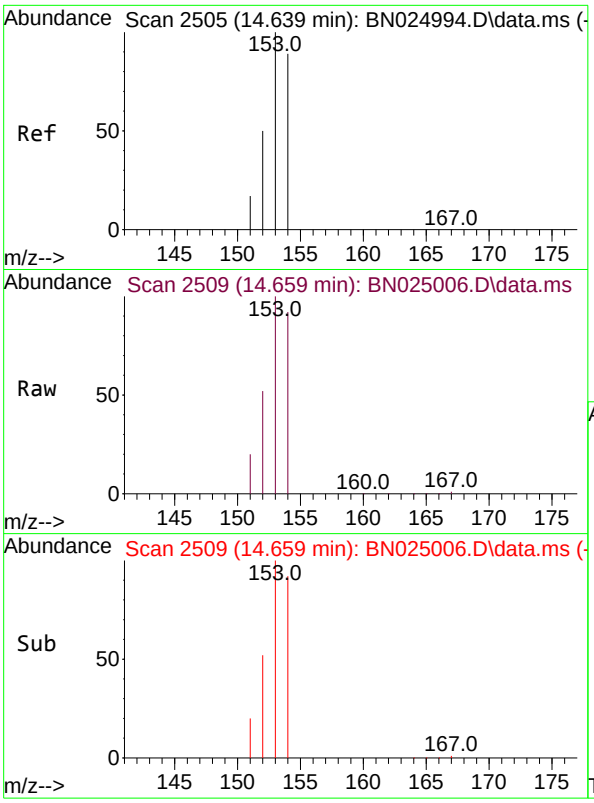


#10
Acenaphthylene
Concen: 1.371 ng/ul
RT: 14.298 min Scan# 2431
Delta R.T. 0.001 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:152 Resp: 255161

Ion	Ratio	Lower	Upper
152	100		
151	22.6	15.7	23.5
153	58.1	10.6	16.0#

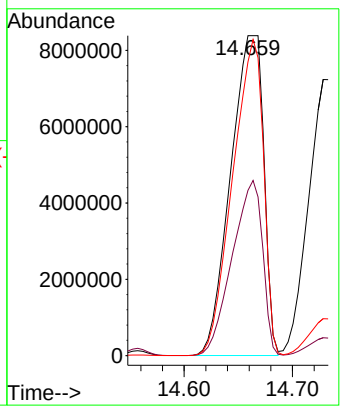




#11
Acenaphthene
Concen: 111.797 ng/ul
RT: 14.659 min Scan# 2
Delta R.T. 0.019 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:153 Resp:1783921

Ion	Ratio	Lower	Upper
153	100		
152	51.6	40.7	61.1
154	91.8	69.4	104.2



Instrument :
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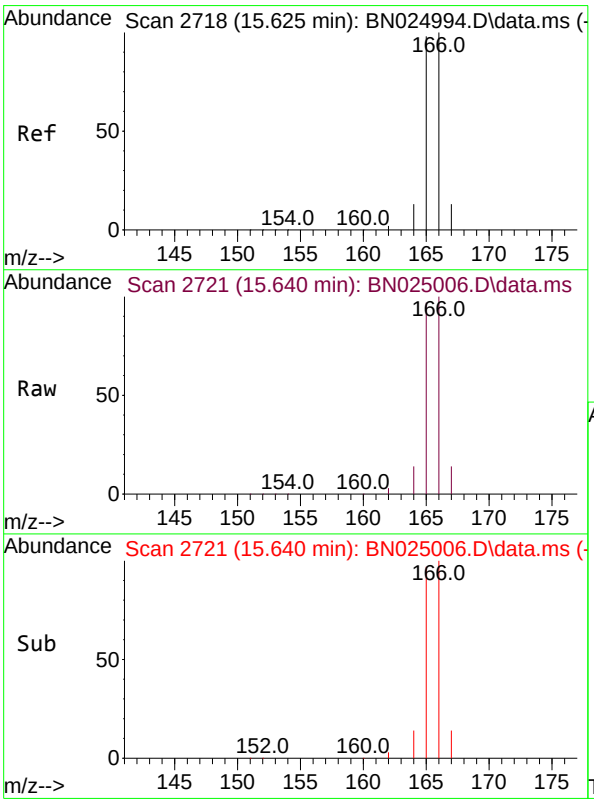
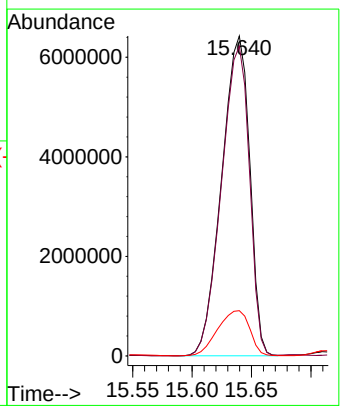
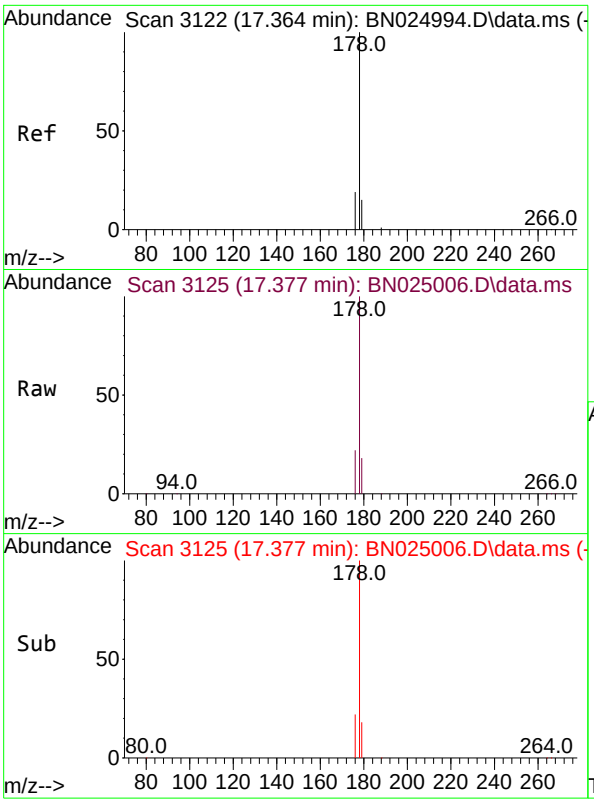


#12
Fluorene
Concen: 59.290 ng/ul m
RT: 15.640 min Scan# 2721
Delta R.T. 0.015 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:166 Resp:10595927

Ion	Ratio	Lower	Upper
166	100		
165	96.8	80.1	120.1
167	14.1	10.7	16.1

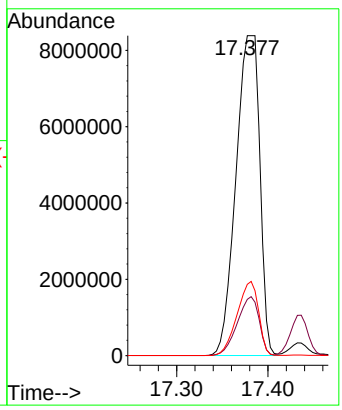




#15
Phenanthrene
Concen: 141.699 ng/ul
RT: 17.377 min Scan# 3
Delta R.T. 0.014 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:178 Resp:1522143

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.3	18.5
176	22.3	15.4	23.0



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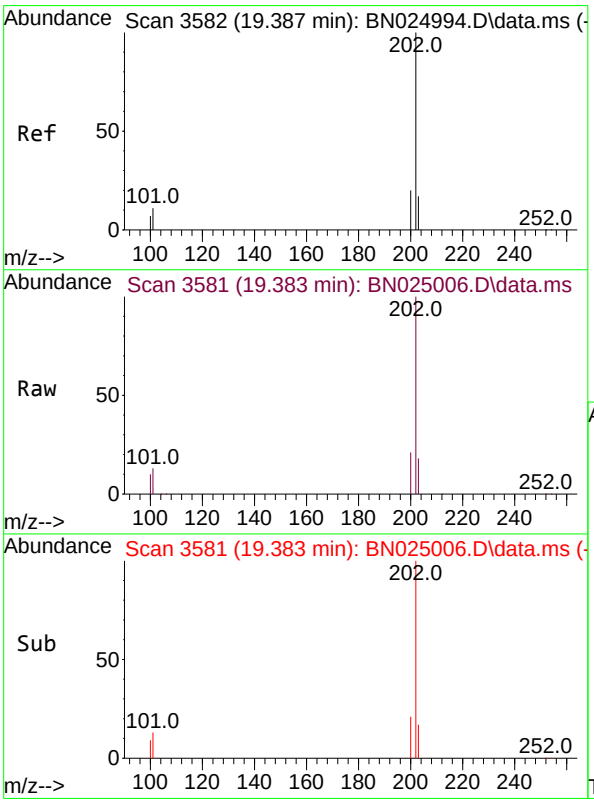
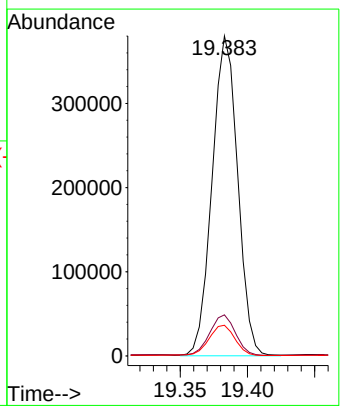
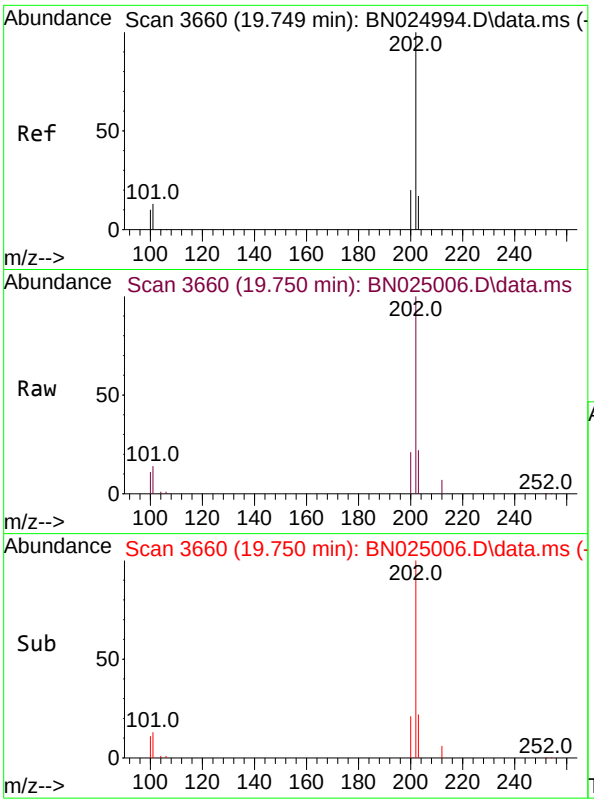


#19
Fluoranthene
Concen: 4.583 ng/ul m
RT: 19.383 min Scan# 3581
Delta R.T. -0.004 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:202 Resp: 501691

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.0	15.0
100	9.6	7.5	11.3

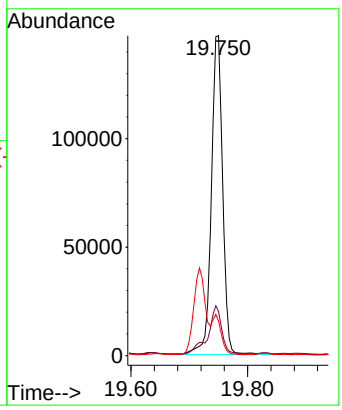




#20
Pyrene
Concen: 1.762 ng/ul
RT: 19.750 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:202 Resp: 19764

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.8	17.8
100	10.8	9.5	14.3



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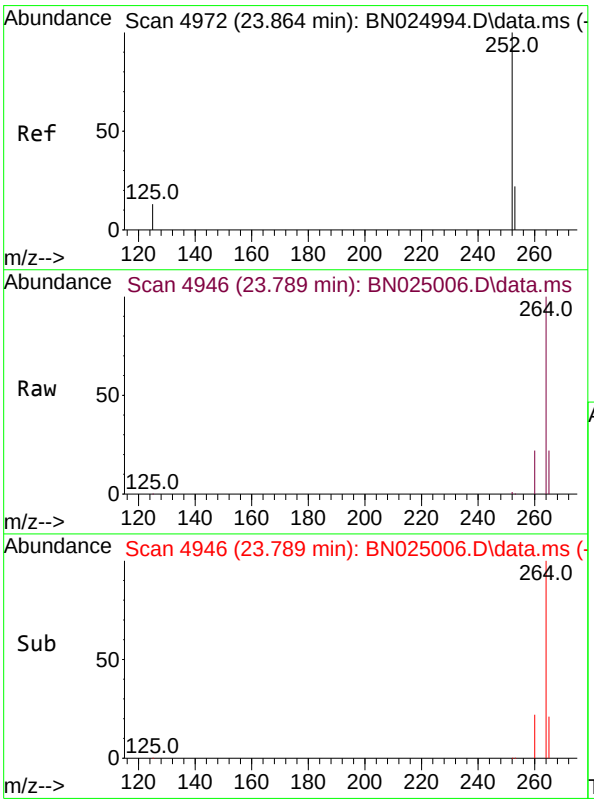

#26
Benzo(a)pyrene
Concen: 0.086 ng/ul
RT: 23.789 min Scan# 4946
Delta R.T. -0.075 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:252 Resp: 8311

Ion	Ratio	Lower	Upper
252	100		
253	53.5	20.7	31.1#
125	38.2	15.9	23.9#