Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016103.D
Acq On : 27 Aug 2021 12:50
Operator : CG/JU
Sample : M3458-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AS2DL

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Quant Time: Aug 27 13:19:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 27 10:53:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	6893	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	4292	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	8945	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	8708	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	7929	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1036	0.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	392	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	1147	0.049	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.716	128	4549	0.255	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	3603	0.299	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	3193	0.271	ng/ul	100
10) Acenaphthylene	14.219	152	16553	1.092	ng/ul	98
11) Acenaphthene	14.562	153	1127	0.086	ng/ul	96
12) Fluorene	15.547	166	3138	0.203	ng/ul#	95
15) Phenanthrene	17.288	178	115643	4.686	ng/ul	98
16) Anthracene	17.377	178	9235	0.433	ng/ul	99
19) Fluoranthene	19.304	202	201806	7.417	ng/ul	99
20) Pyrene	19.666	202	158379	5.782	ng/ul	99
21) Benzo(a)anthracene	21.424	228	59052	2.178	ng/ul	95
22) Chrysene	21.477	228	92716	3.178	ng/ul	98
24) Benzo(b)fluoranthene	23.105	252	110434m	3.732	ng/ul	
25) Benzo(k)fluoranthene	23.146	252	40215m	1.349	ng/ul	
26) Benzo(a)pyrene	23.725	252	51083	2.053	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.297	276	44325	1.346	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.313	278	11858	0.428	ng/ul	97
29) Benzo(g,h,i)perylene	27.058	276	3525	0.124	ng/ul#	86

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Instrument :
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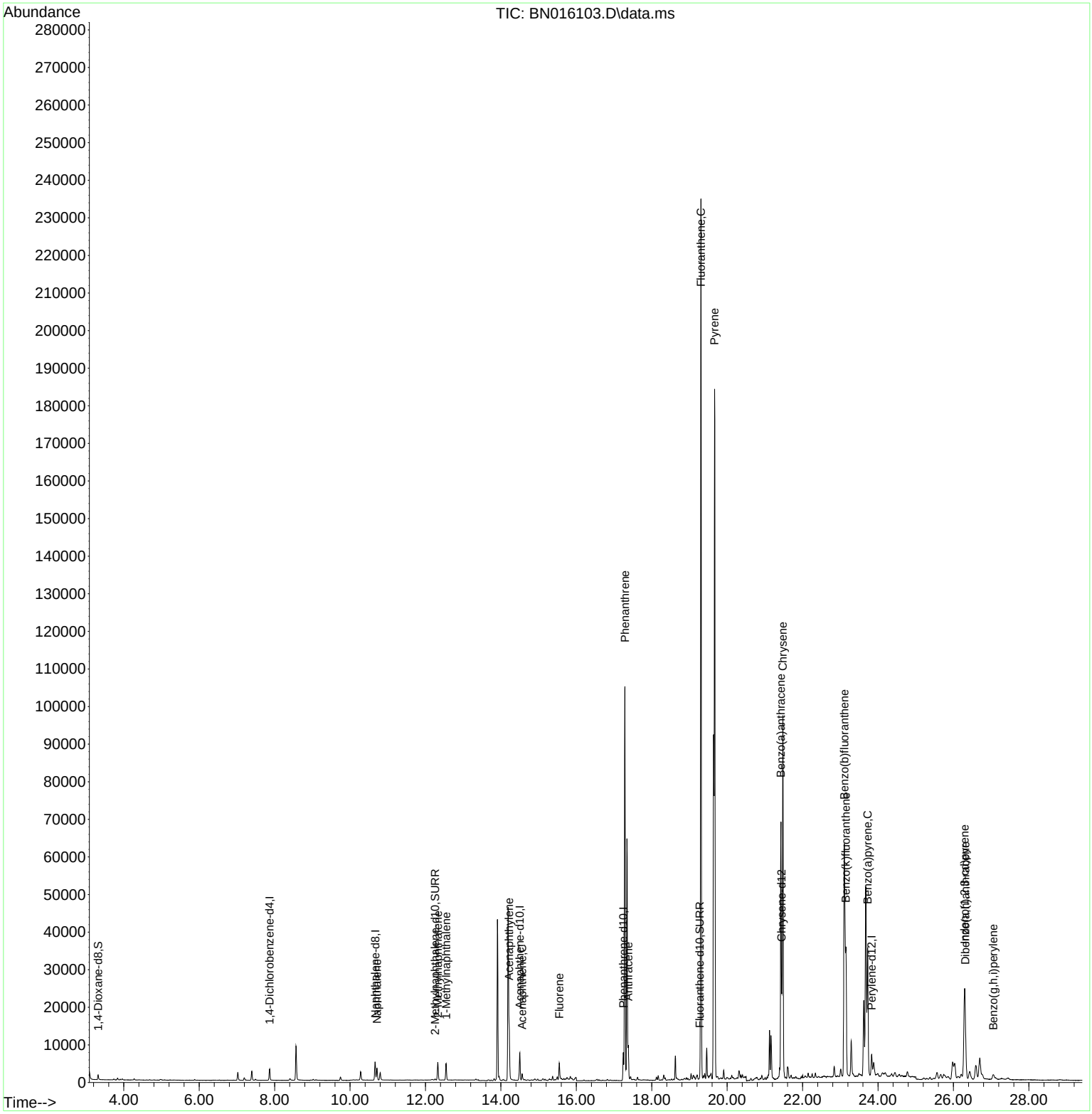
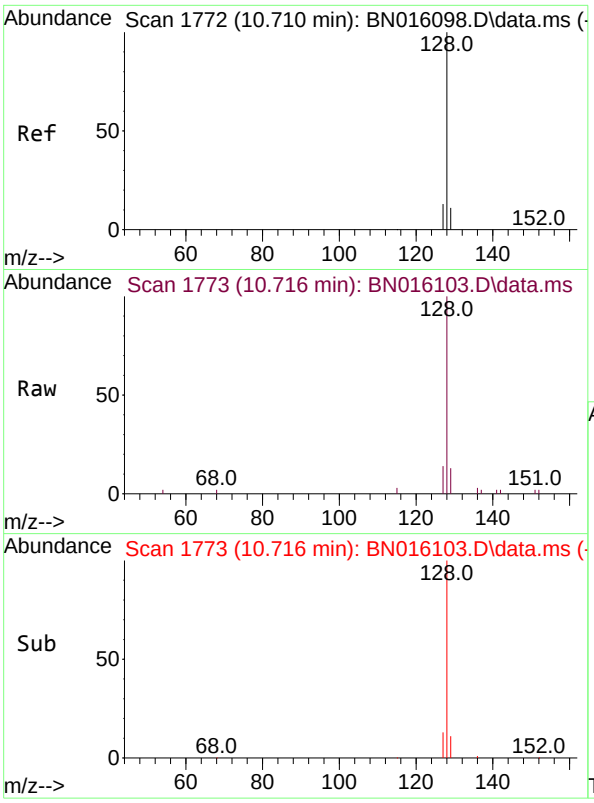
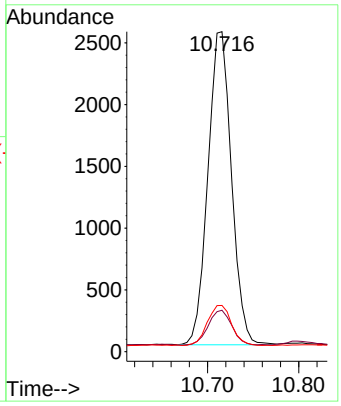




#5
Naphthalene
Concen: 0.255 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:128 Resp: 4549

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.7	14.5
127	14.4	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
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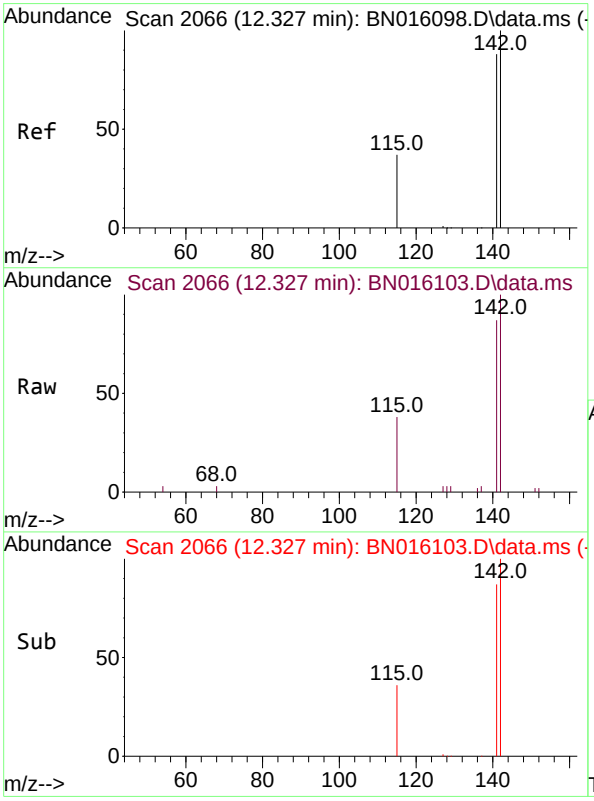
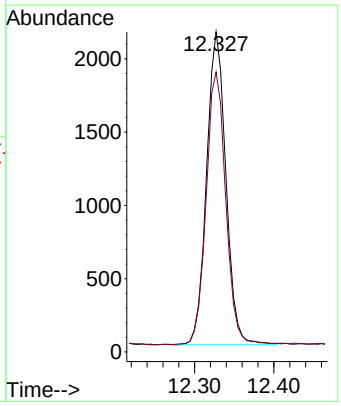
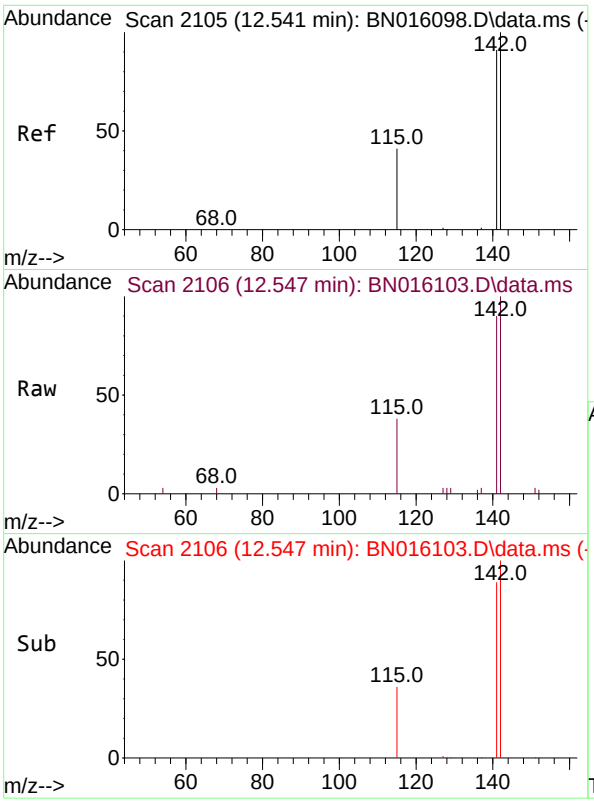


#7
2-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:142 Resp: 3603

Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.8	104.6

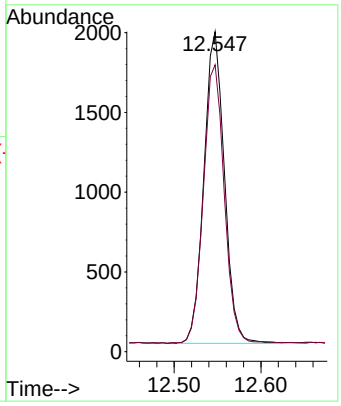




#8
1-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:142 Resp: 3193

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.8	109.2



Instrument :
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ClientSampleId :
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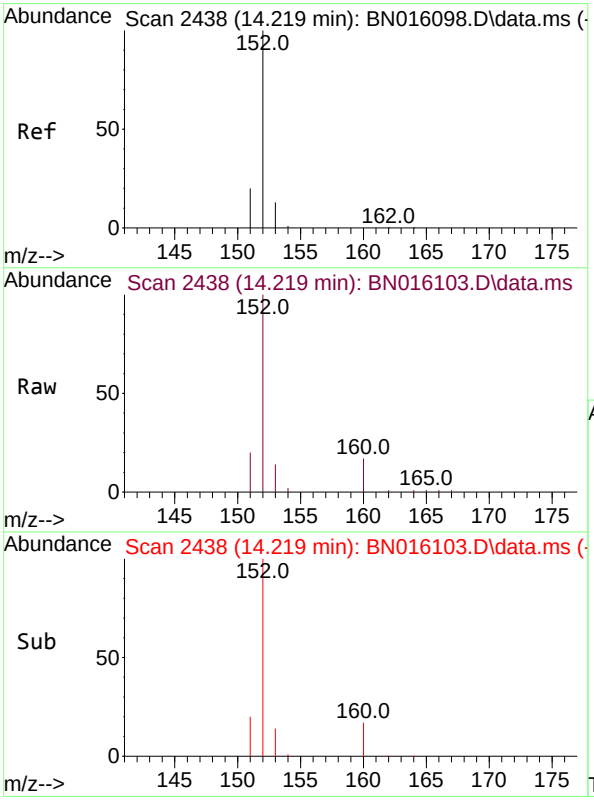
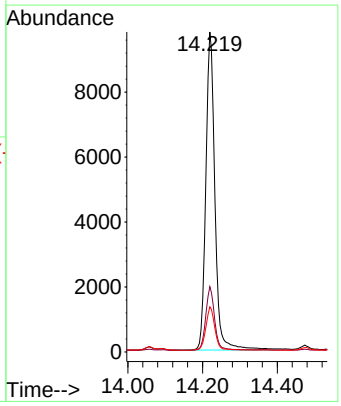
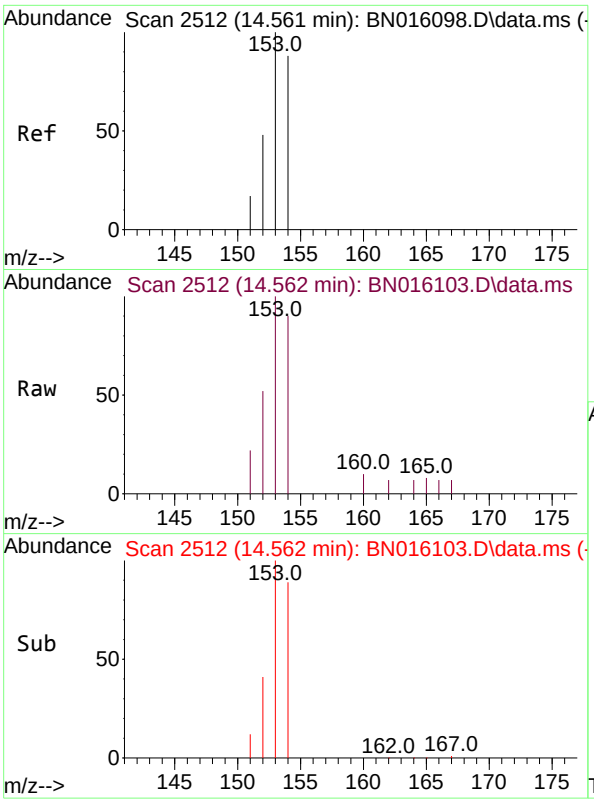


#10
Acenaphthylene
Concen: 1.092 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:152 Resp: 16553

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.6
153	14.1	11.8	17.6

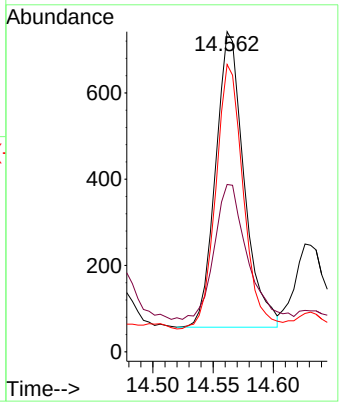


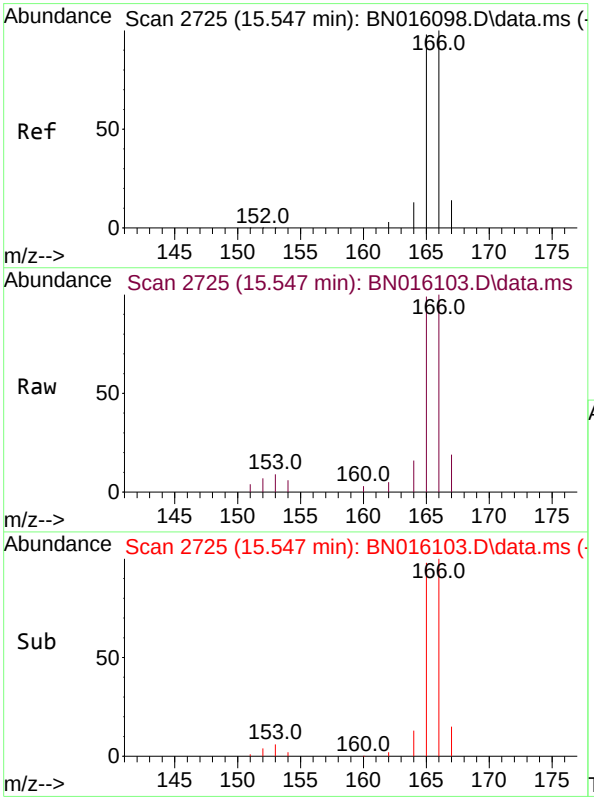


#11
Acenaphthene
Concen: 0.086 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:153 Resp: 1127

Ion	Ratio	Lower	Upper
153	100		
152	52.3	38.3	57.5
154	89.8	70.2	105.2

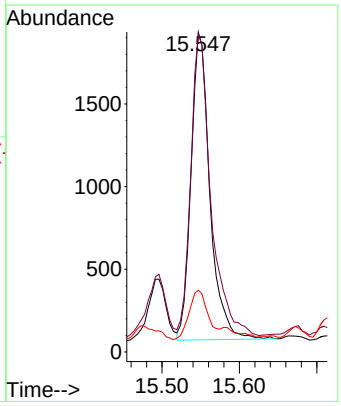




#12
Fluorene
Concen: 0.203 ng/ul
RT: 15.547 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:166 Resp: 3138

Ion	Ratio	Lower	Upper
166	100		
165	99.4	76.2	114.2
167	19.3	11.5	17.3#



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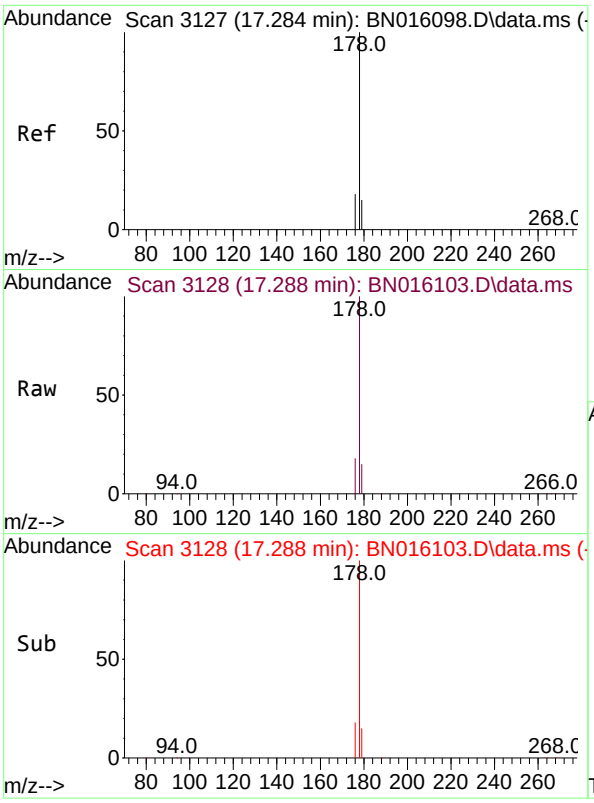
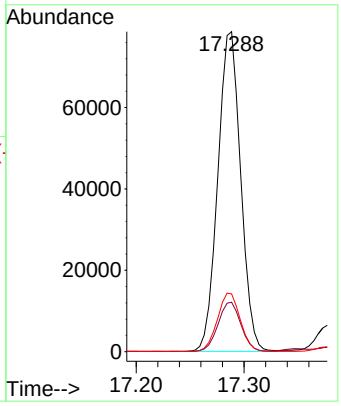


#15
Phenanthrene
Concen: 4.686 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:178 Resp: 115643

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.0	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
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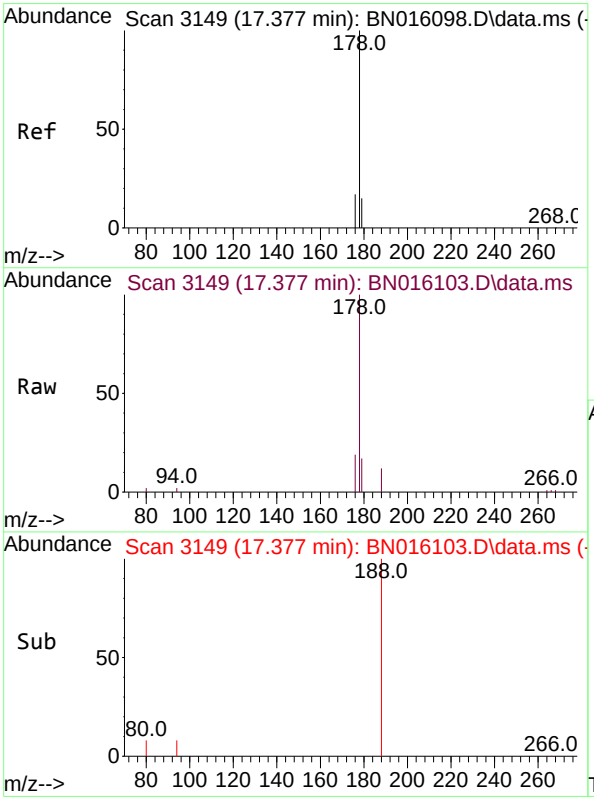
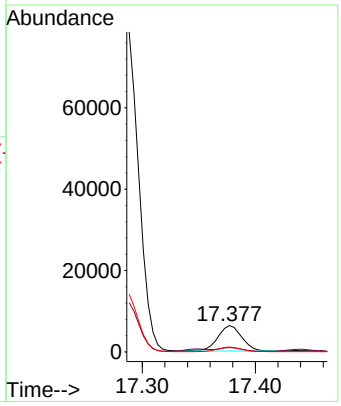
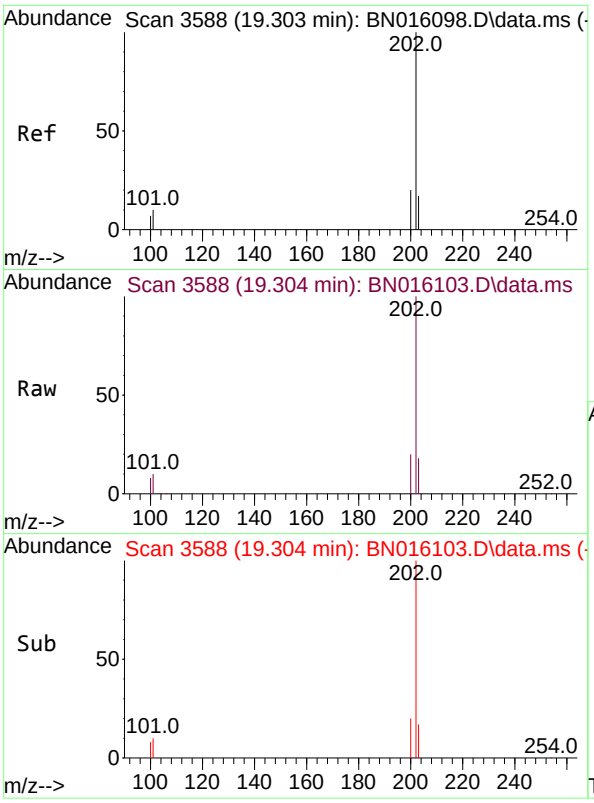


#16
Anthracene
Concen: 0.433 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:178 Resp: 9235

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.4	20.0
176	18.9	14.9	22.3

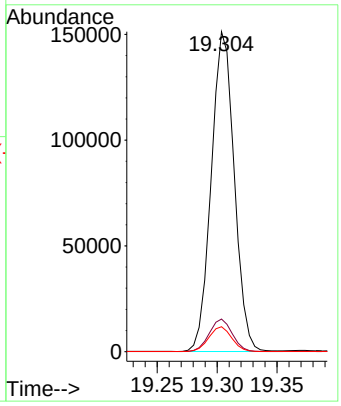


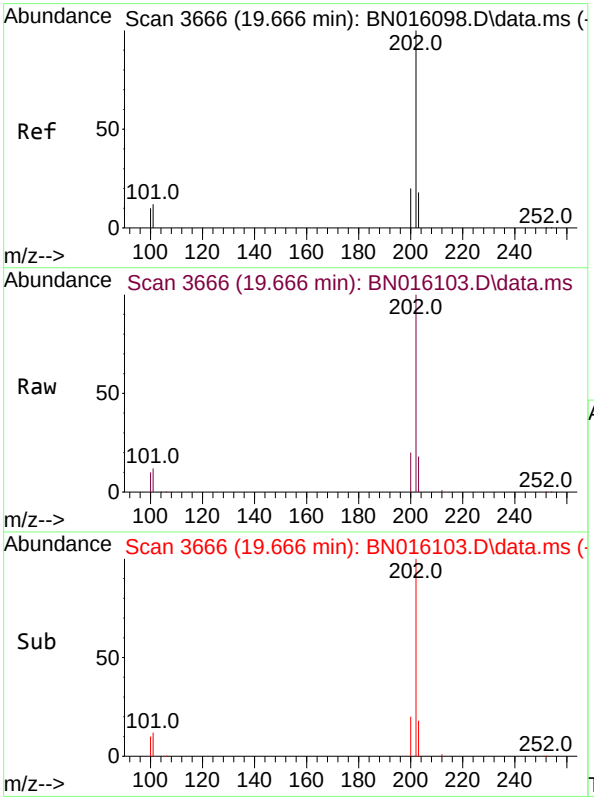


#19
Fluoranthene
Concen: 7.417 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. 0.000 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:202 Resp: 201806

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.3	12.5
100	7.8	6.6	9.8

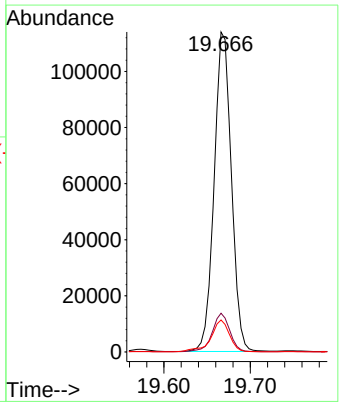




#20
Pyrene
Concen: 5.782 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:202 Resp: 158379

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.0	15.0
100	10.0	8.4	12.6



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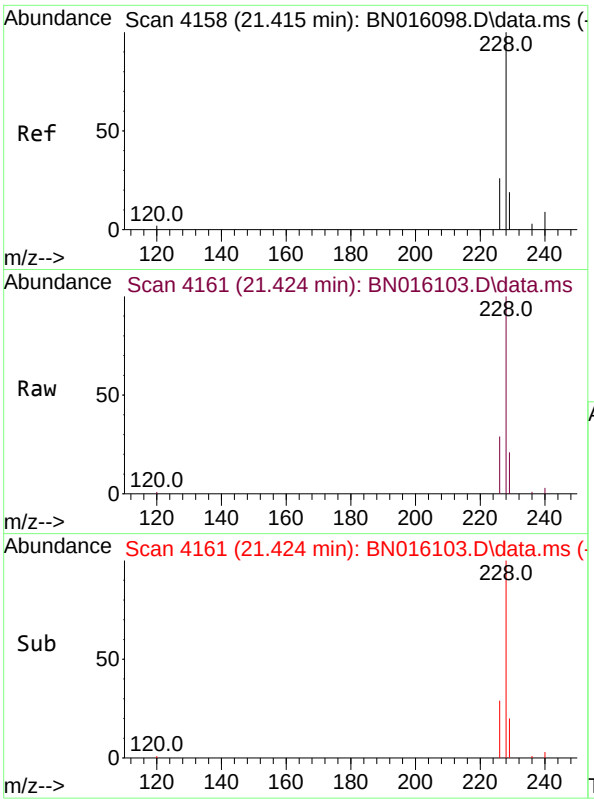
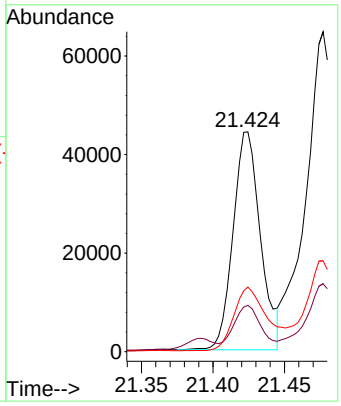


#21
Benzo(a)anthracene
Concen: 2.178 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. 0.009 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:228 Resp: 59052

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.0	24.0
226	29.4	20.6	31.0



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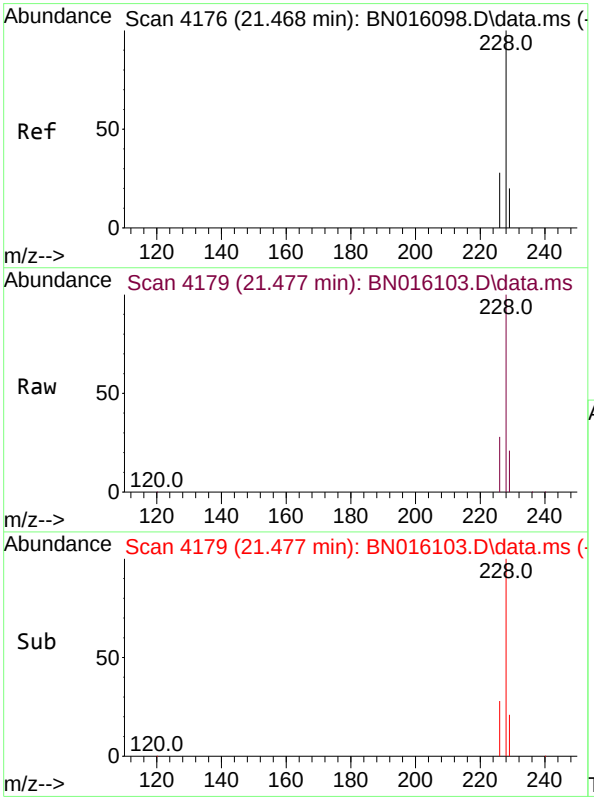
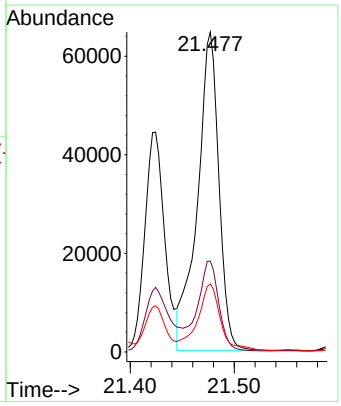
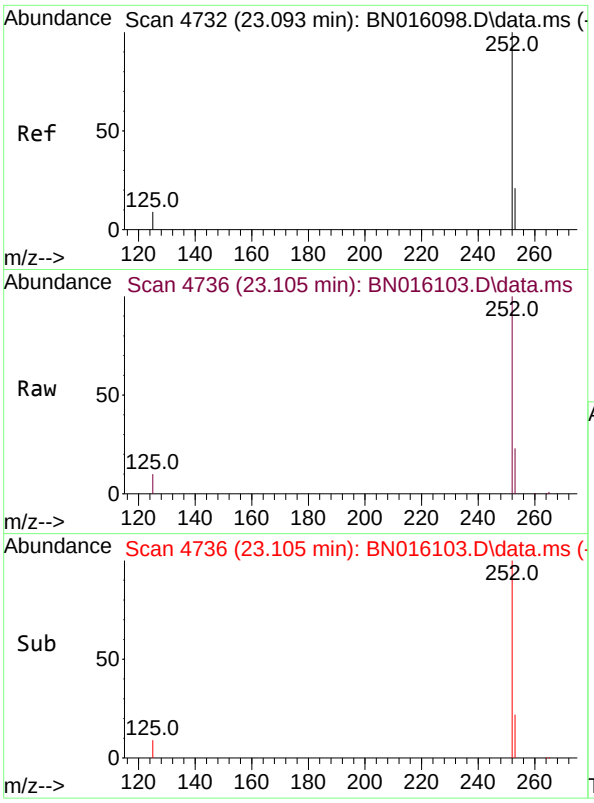


#22
Chrysene
Concen: 3.178 ng/ul
RT: 21.477 min Scan# 4179
Delta R.T. 0.009 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:228 Resp: 92716

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.0
229	21.3	16.4	24.6

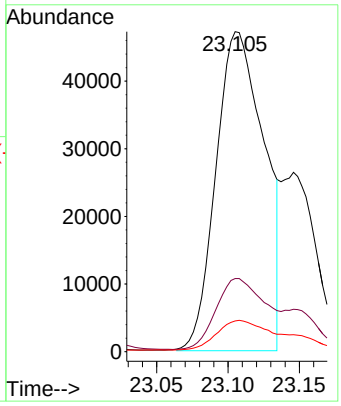


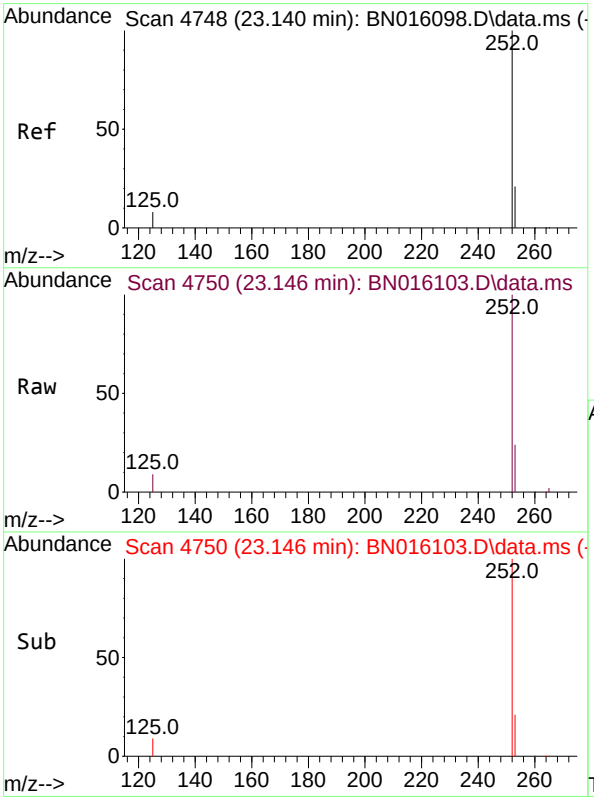


#24
Benzo(b)fluoranthene
Concen: 3.732 ng/ul m
RT: 23.105 min Scan# 4736
Delta R.T. 0.012 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:252 Resp: 110434

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	50.6
125	9.6	0.0	21.6

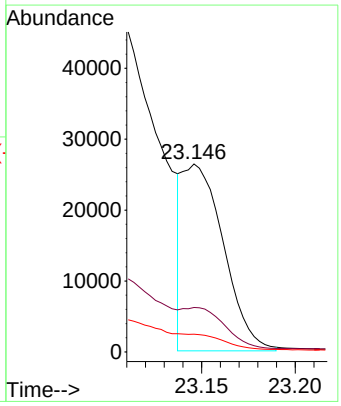




#25
Benzo(k)fluoranthene
Concen: 1.349 ng/ul m
RT: 23.146 min Scan# 4750
Delta R.T. 0.006 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:252 Resp: 40215

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.7	31.1
125	9.4	8.2	12.4



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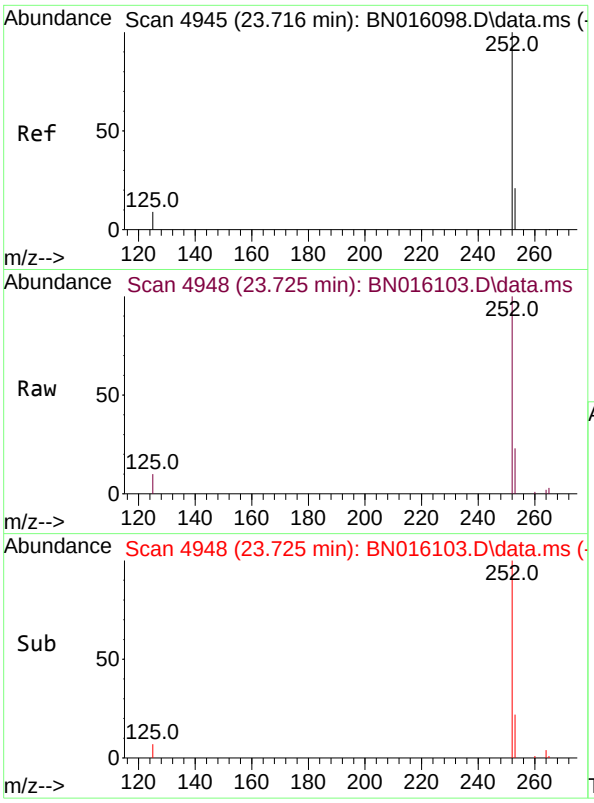
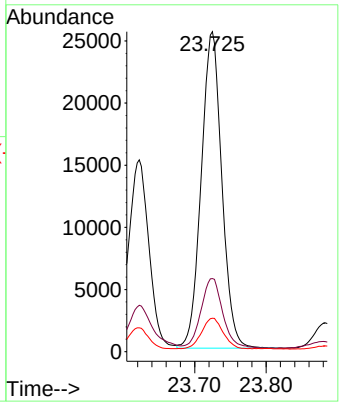


#26
Benzo(a)pyrene
Concen: 2.053 ng/ul
RT: 23.725 min Scan# 4948
Delta R.T. 0.009 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:252 Resp: 51083

Ion	Ratio	Lower	Upper
252	100		
253	22.9	22.1	33.1
125	10.5	10.2	15.4



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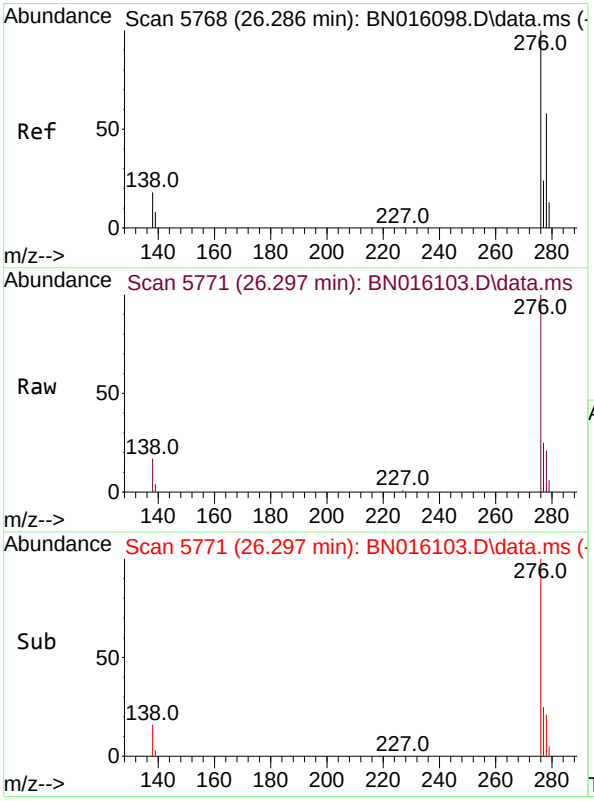
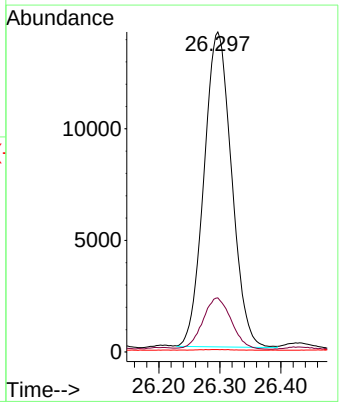
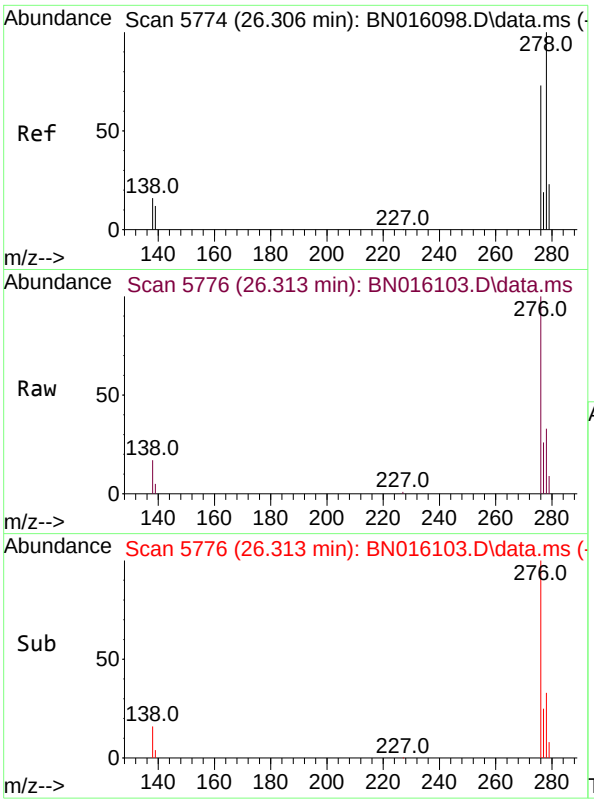


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.346 ng/ul
RT: 26.297 min Scan# 5771
Delta R.T. 0.010 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:276 Resp: 44325

Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.1	22.7
227	0.1	0.1	0.1#

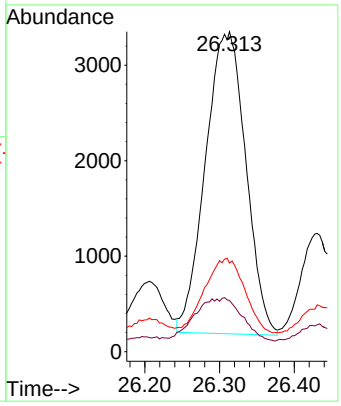


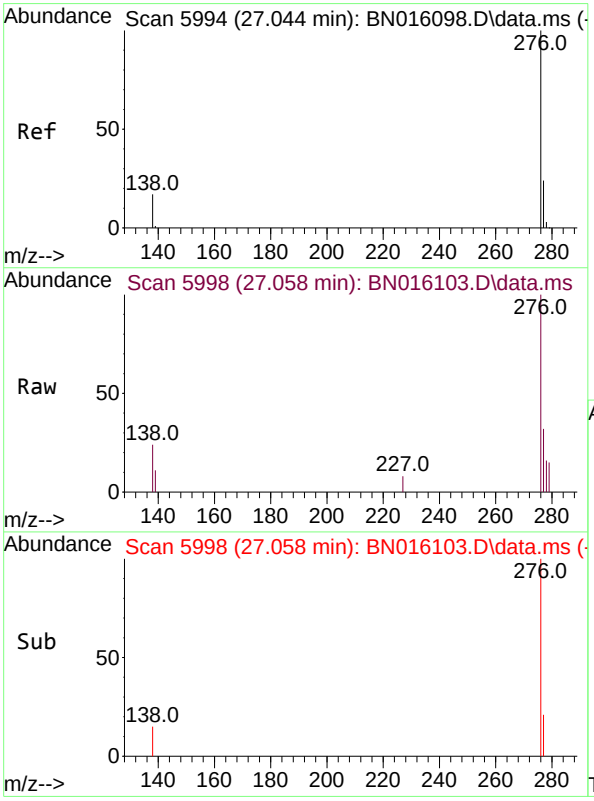


#28
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 26.313 min Scan# 5776
Delta R.T. 0.007 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:278 Resp: 11858

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.0	18.0
279	27.7	21.0	31.6

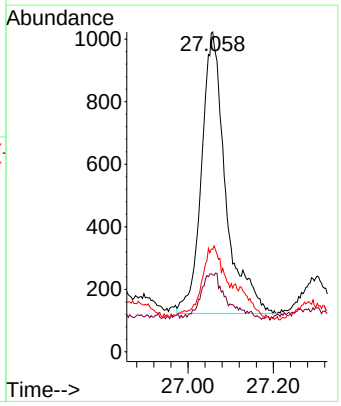




#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 27.058 min Scan# 5998
Delta R.T. 0.014 min
Lab File: BN016103.D
Acq: 27 Aug 2021 12:50

Tgt Ion:276 Resp: 3525

Ion	Ratio	Lower	Upper
276	100		
138	24.0	13.8	20.8#
277	32.1	20.5	30.7#



Instrument :
BNA_N
ClientSampleId :
C0AS2DL

Manual Integrations APPROVED
mohammad
8/27/2021 5:10:47 PM