Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016161.D
Acq On : 03 Sep 2021 06:13
Operator : CG/JU
Sample : M3472-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:15 AM

Quant Time: Sep 03 07:19:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2902	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	12040	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	7803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	15374	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	15626	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	15338	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	10177	3.013	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3642	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	9162	0.219	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.716	128	93849	2.928	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	86068	4.115	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	68507	3.282	ng/ul	100
10) Acenaphthylene	14.224	152	8663	0.293	ng/ul#	83
11) Acenaphthene	14.590	153	1628	0.066	ng/ul#	30
12) Fluorene	15.552	166	4640	0.164	ng/ul#	84
15) Phenanthrene	17.293	178	102731	2.319	ng/ul	98
16) Anthracene	17.381	178	6112	0.160	ng/ul#	96
19) Fluoranthene	19.308	202	43375	0.833	ng/ul	99
20) Pyrene	19.676	202	58857	1.116	ng/ul#	94
21) Benzo(a)anthracene	21.422	228	31229m	0.654	ng/ul	
22) Chrysene	21.474	228	52223	0.967	ng/ul	97
24) Benzo(b)fluoranthene	23.102	252	52259m	0.906	ng/ul	
25) Benzo(k)fluoranthene	23.143	252	16366m	0.282	ng/ul	
26) Benzo(a)pyrene	23.728	252	30970	0.633	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.310	276	21965	0.347	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.320	278	7414	0.142	ng/ul#	70
29) Benzo(g,h,i)perylene	27.071	276	29846	0.544	ng/ul	98

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

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Sample : M3472-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 03 07:19:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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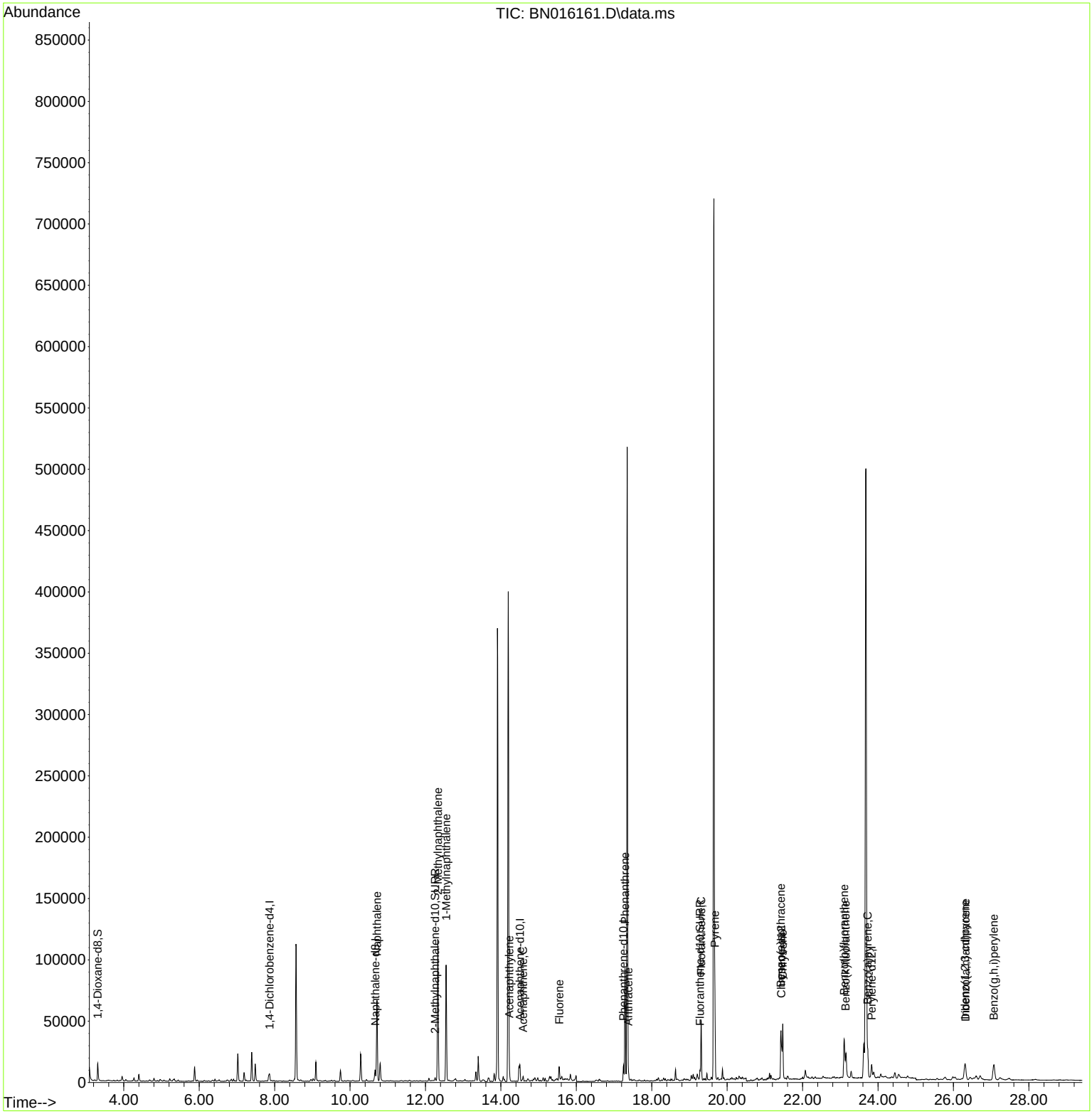
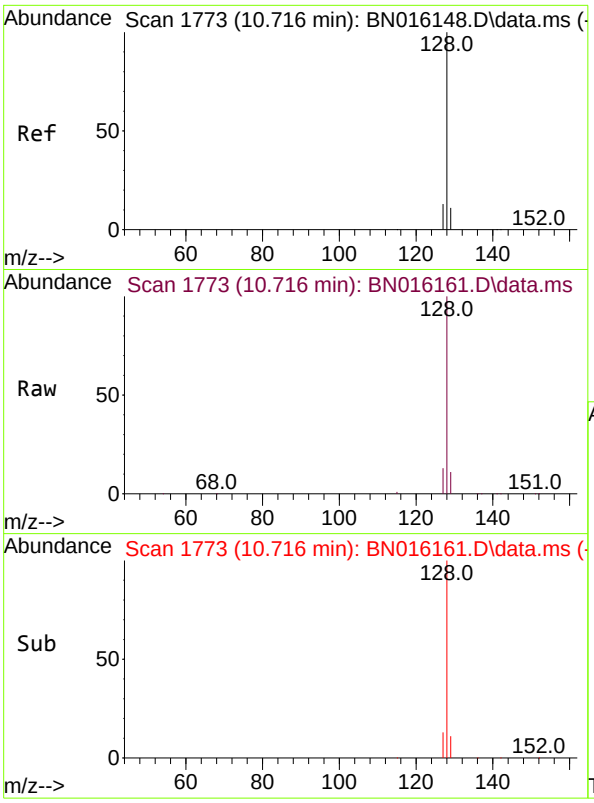
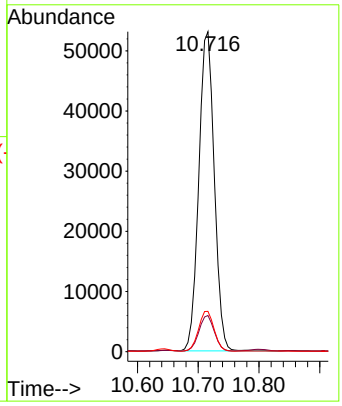




#5
Naphthalene
Concen: 2.928 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:128 Resp: 93849

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	12.6	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
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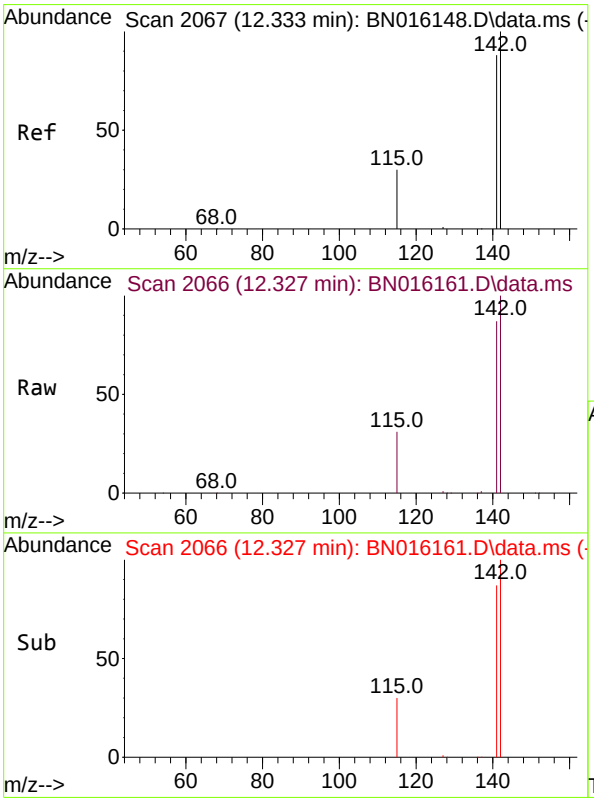
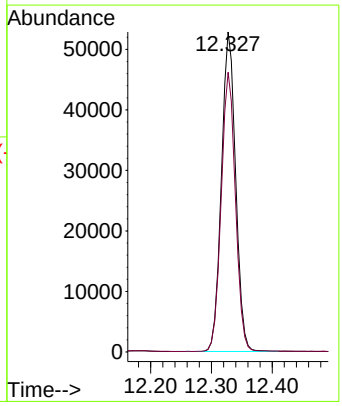
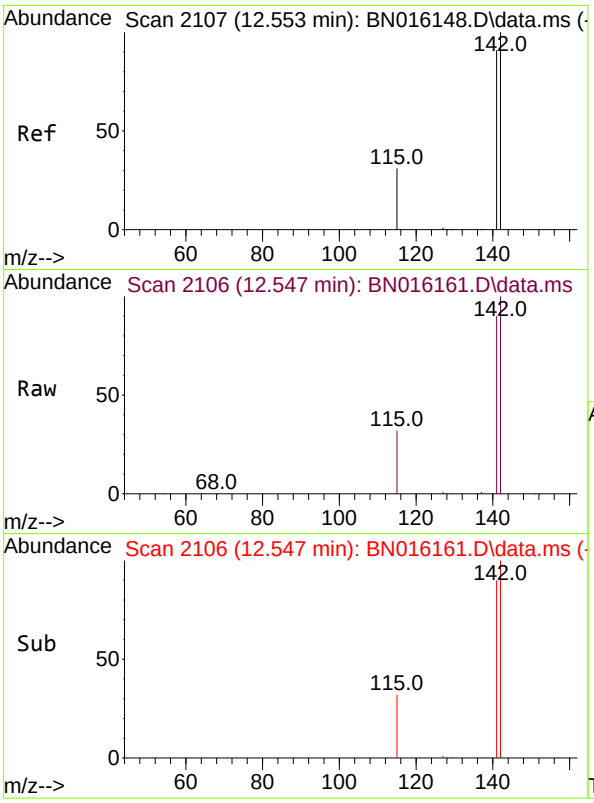


#7
2-Methylnaphthalene
Concen: 4.115 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:142 Resp: 86068

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.5	104.3

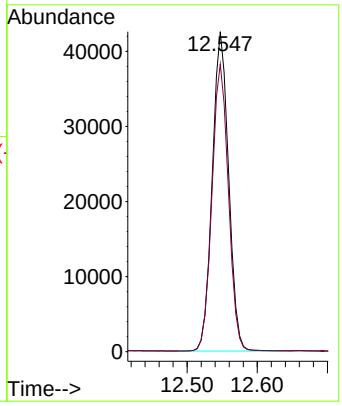




#8
1-Methylnaphthalene
Concen: 3.282 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:142 Resp: 68507

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.4



Instrument :
BNA_N
ClientSampleId :
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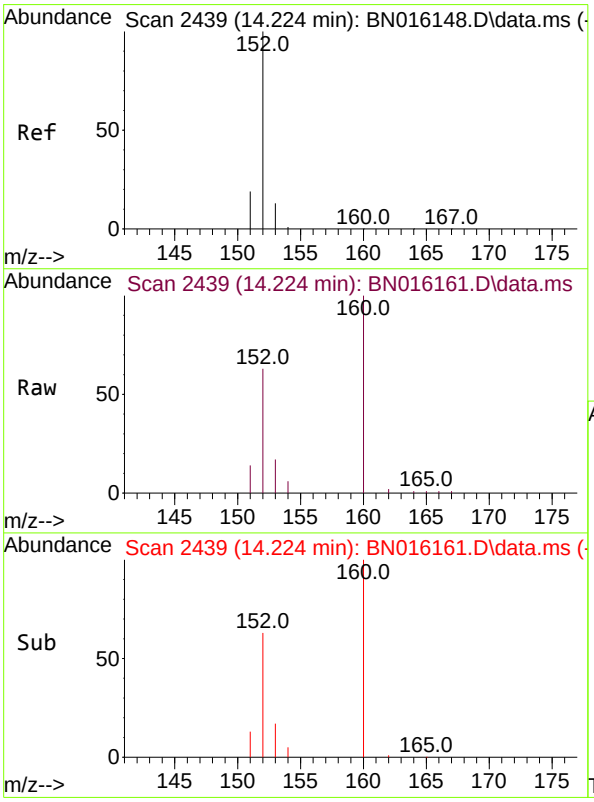
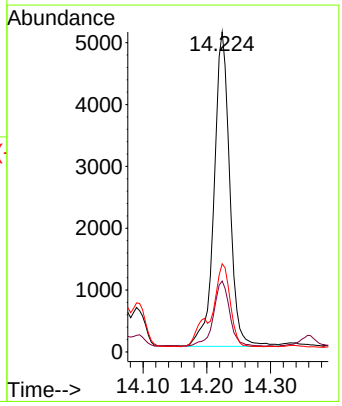
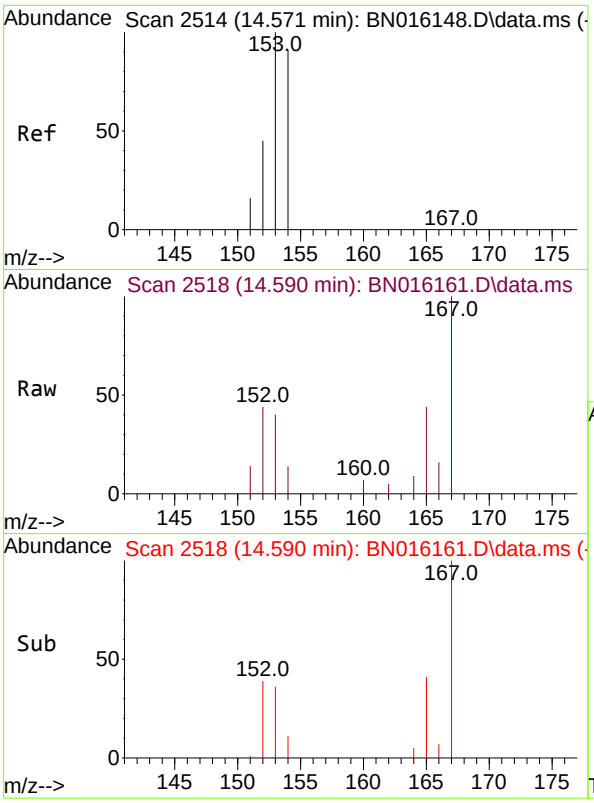


#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:152 Resp: 8663

Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.8	23.6
153	27.5	11.2	16.8#

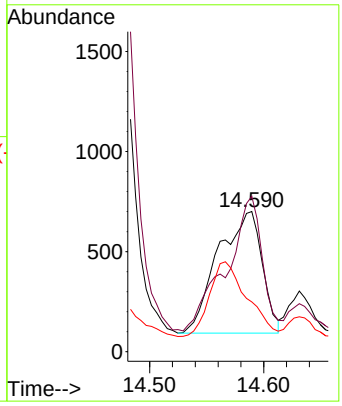




#11
Acenaphthene
Concen: 0.066 ng/ul
RT: 14.590 min Scan# 2518
Delta R.T. 0.023 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:153 Resp: 1628

Ion	Ratio	Lower	Upper
153	100		
152	110.9	38.5	57.7#
154	35.6	71.3	106.9#



Instrument :
BNA_N
ClientSampleId :
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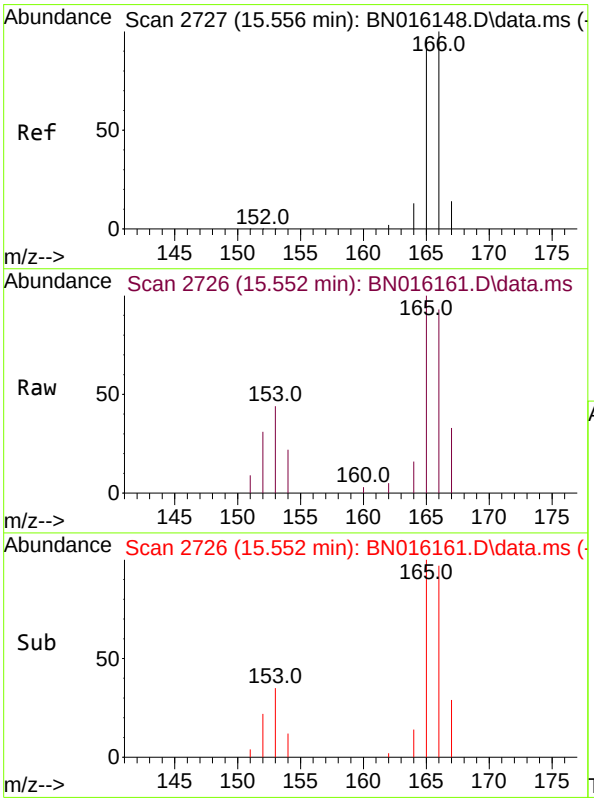
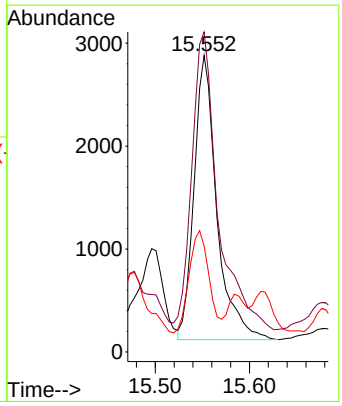
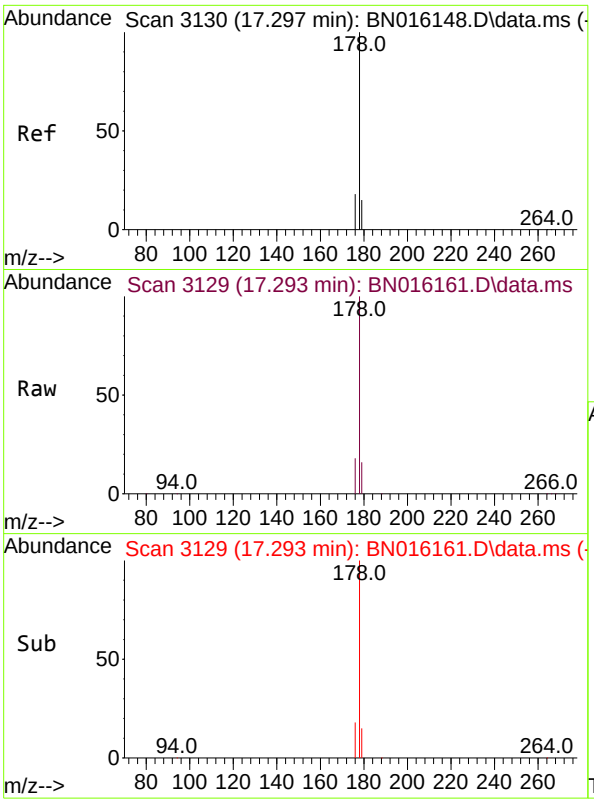


#12
Fluorene
Concen: 0.164 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:166 Resp: 4640

Ion	Ratio	Lower	Upper
166	100		
165	108.0	77.9	116.9
167	35.8	11.8	17.8#

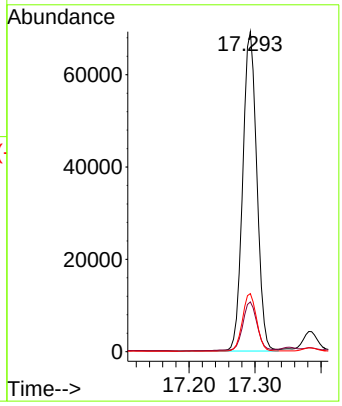


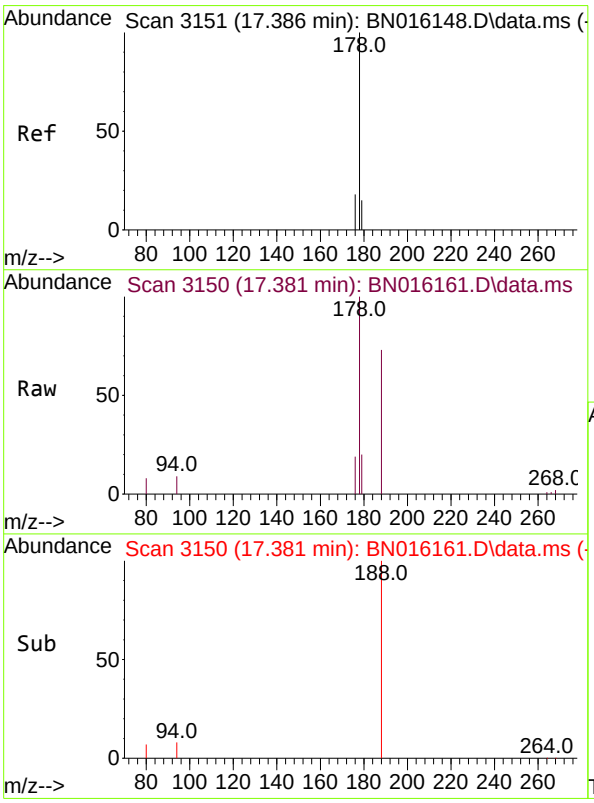


#15
Phenanthrene
Concen: 2.319 ng/ul
RT: 17.293 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:178 Resp: 102731

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.1	15.2	22.8

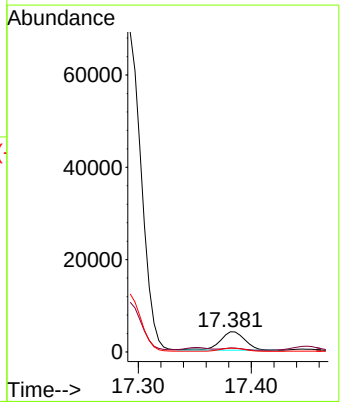




#16
Anthracene
Concen: 0.160 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:178 Resp: 6112

Ion	Ratio	Lower	Upper
178	100		
179	19.9	13.3	19.9#
176	18.9	14.9	22.3



Instrument :
BNA_N
ClientSampleId :
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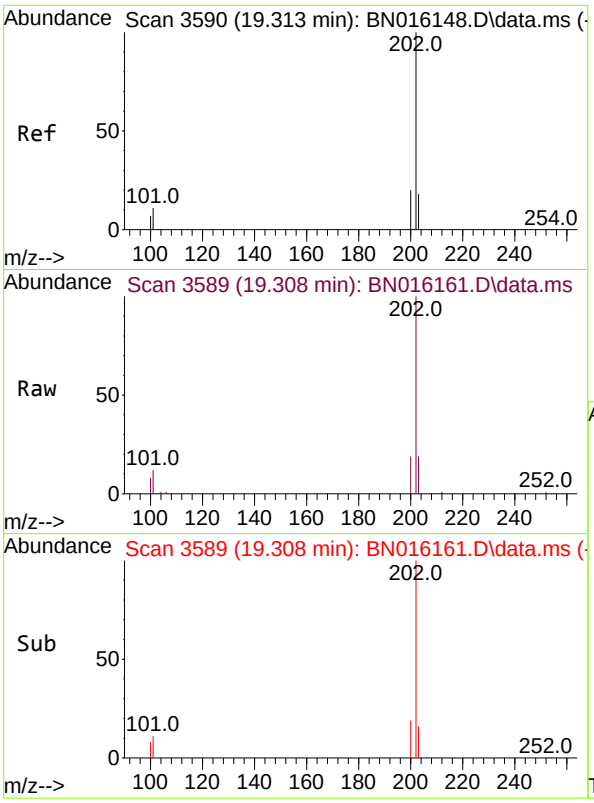
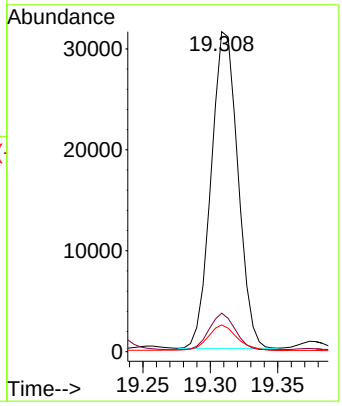
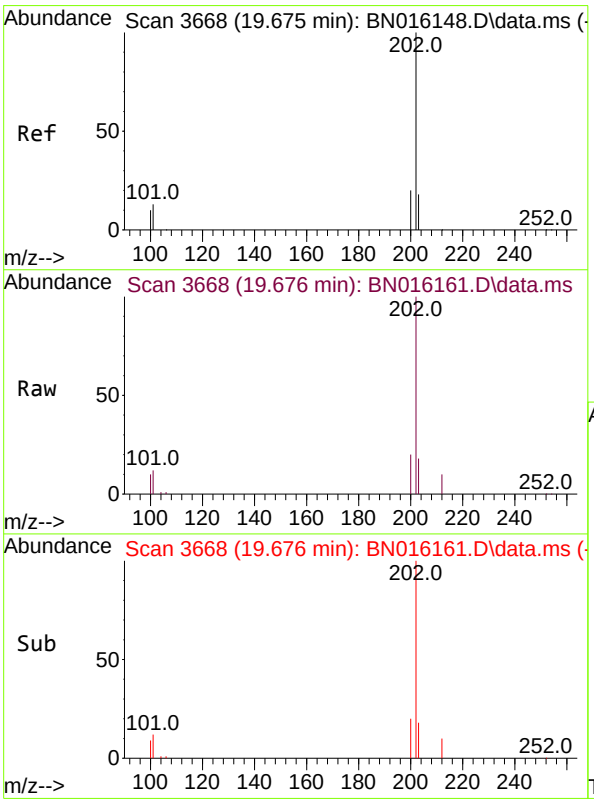


#19
Fluoranthene
Concen: 0.833 ng/ul
RT: 19.308 min Scan# 3589
Delta R.T. -0.005 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:202 Resp: 43375

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.2	13.8
100	8.4	6.7	10.1

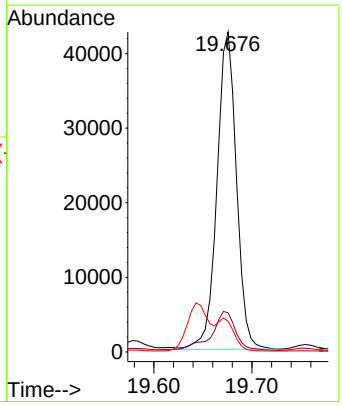




#20
Pyrene
Concen: 1.116 ng/ul
RT: 19.676 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:202 Resp: 58857

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.5	17.3
100	9.6	9.8	14.8#



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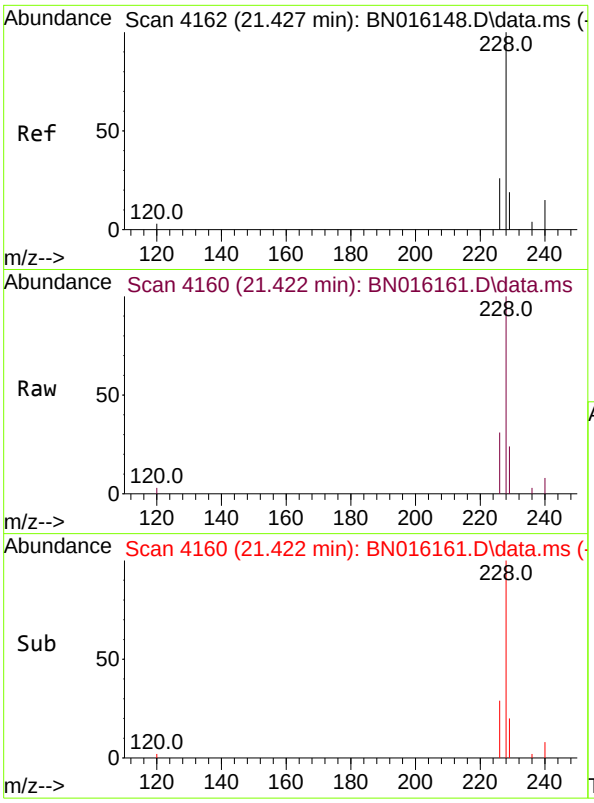
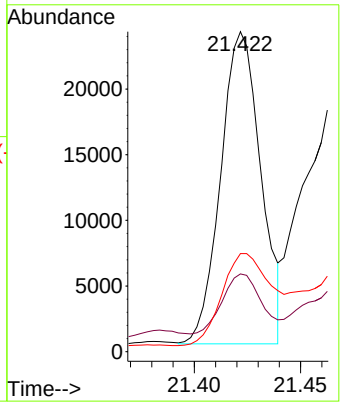


#21
Benzo(a)anthracene
Concen: 0.654 ng/ul m
RT: 21.422 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:228 Resp: 31229

Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.7	23.5#
226	30.7	20.8	31.2



Instrument :
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ClientSampleId :
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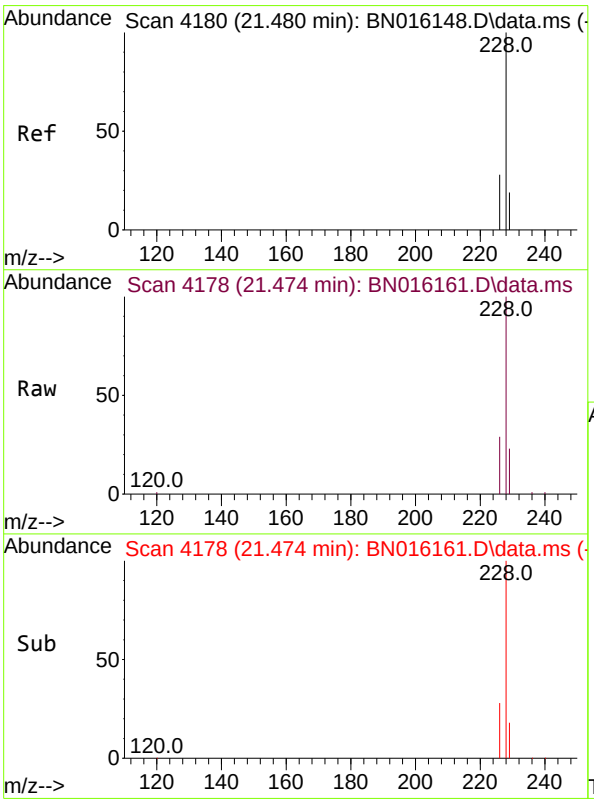
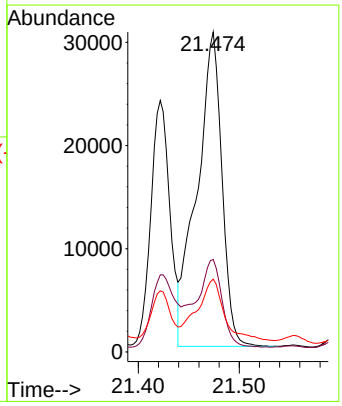
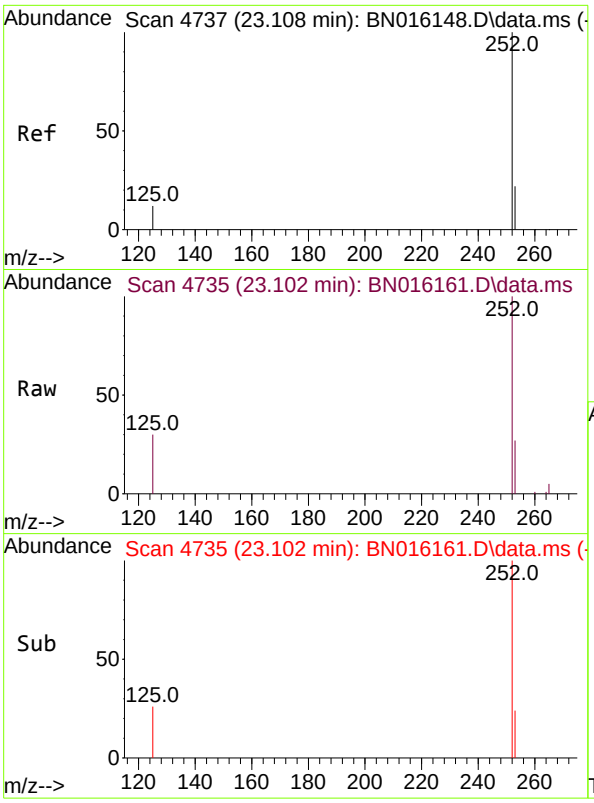


#22
Chrysene
Concen: 0.967 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:228 Resp: 52223

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.2	34.8
229	22.7	15.6	23.4

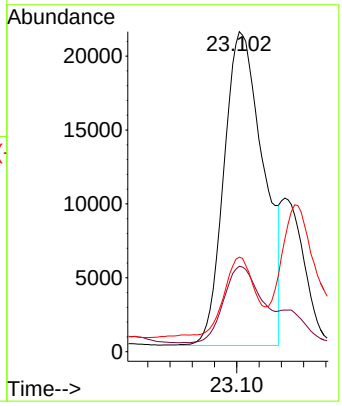


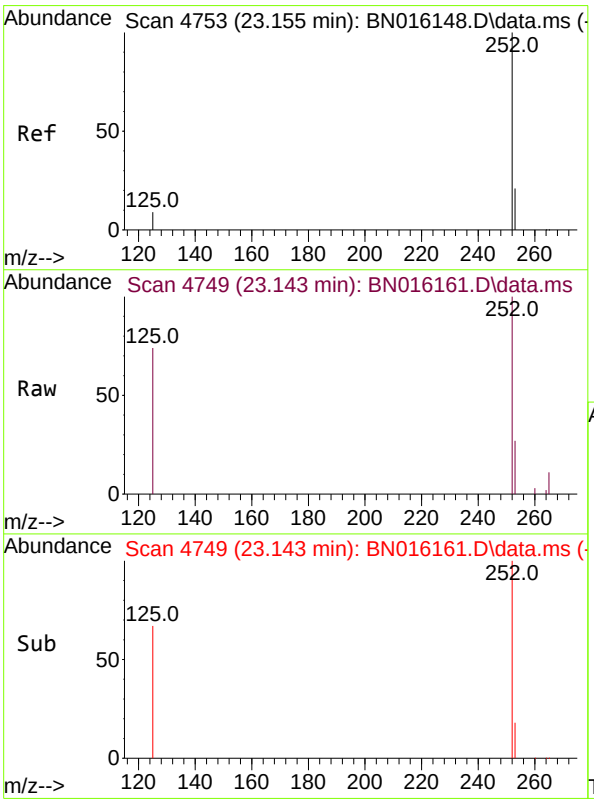


#24
Benzo(b)fluoranthene
Concen: 0.906 ng/ul m
RT: 23.102 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:252 Resp: 52259

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	49.4
125	29.5	0.0	27.0#

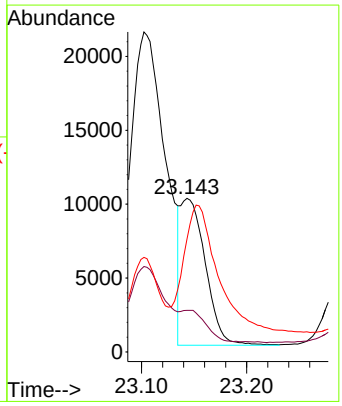




#25
Benzo(k)fluoranthene
Concen: 0.282 ng/ul m
RT: 23.143 min Scan# 4749
Delta R.T. -0.012 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:252 Resp: 16366

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.4	29.0
125	73.5	10.9	16.3#



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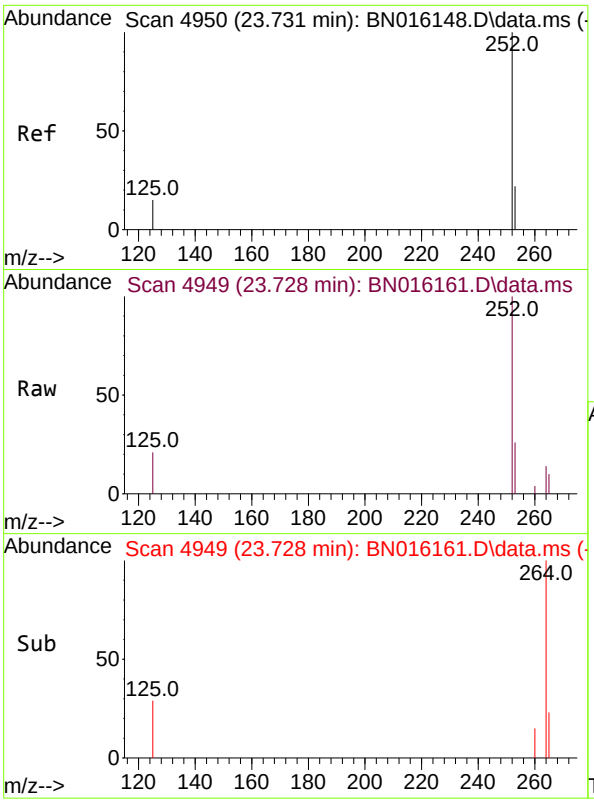
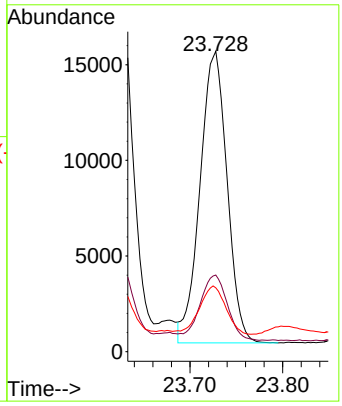
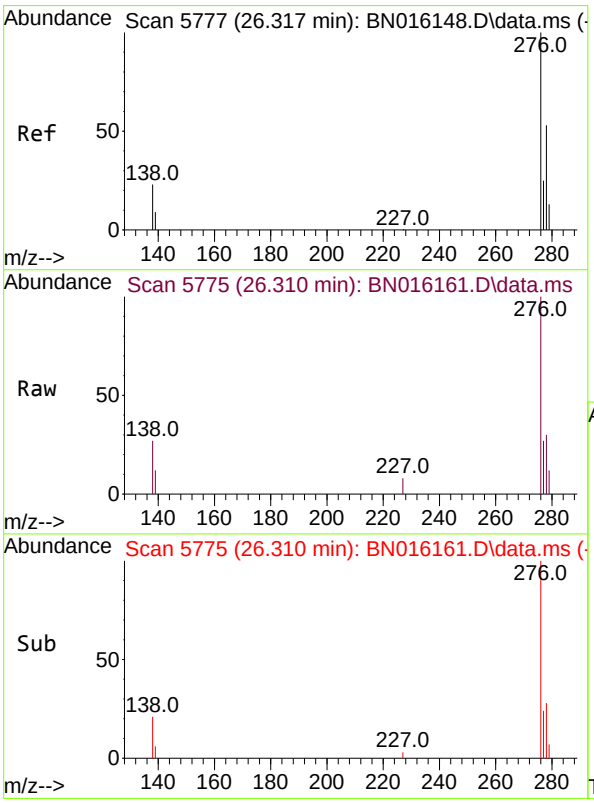


#26
Benzo(a)pyrene
Concen: 0.633 ng/ul
RT: 23.728 min Scan# 4949
Delta R.T. -0.003 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:252 Resp: 30970

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.2	30.2
125	21.2	12.6	18.8#

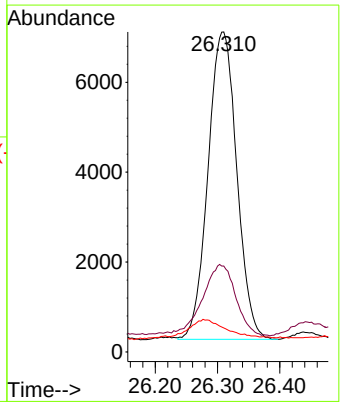




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.310 min Scan# 5775
Delta R.T. -0.007 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:276 Resp: 21965

Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.7	34.1
227	0.0	0.2	0.2#



Instrument :
BNA_N
ClientSampleId :
C0AB9

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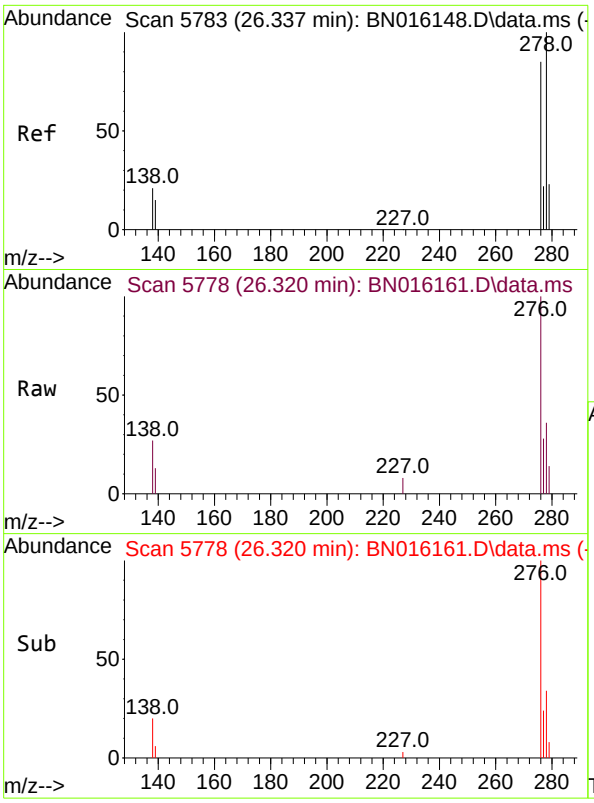
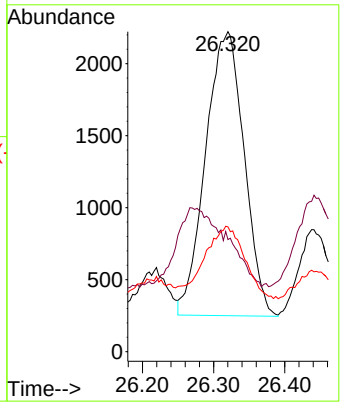


#28
Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 26.320 min Scan# 5778
Delta R.T. -0.010 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

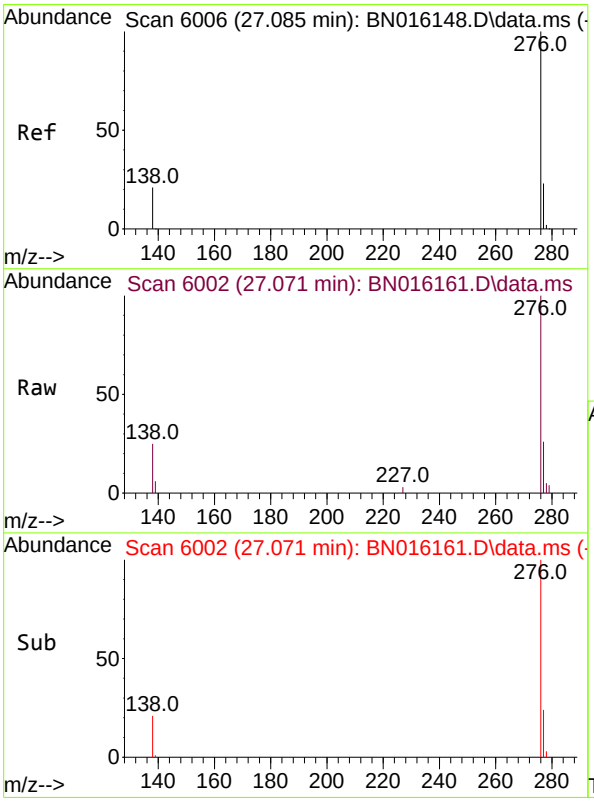
Tgt Ion:278 Resp: 7414

Ion	Ratio	Lower	Upper
278	100		
139	35.1	15.1	22.7#
279	39.0	20.5	30.7#



Instrument :
BNA_N
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:15 AM



#29
Benzo(g,h,i)perylene
Concen: 0.544 ng/ul
RT: 27.071 min Scan# 6002
Delta R.T. -0.003 min
Lab File: BN016161.D
Acq: 03 Sep 2021 06:13

Tgt Ion:276 Resp: 29846

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.3	28.9
277	25.9	19.8	29.8