Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015546.D
Acq On : 14 Jul 2021 02:19
Operator : CG/JU
Sample : M2869-05DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDX8DL

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Quant Time: Jul 14 05:36:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	8191	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	4365	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	8842	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	7643	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	6916	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1598	0.599	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	441	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	1023	0.041	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.644	128	13133	0.503	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	1487	0.087	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	1063	0.064	ng/ul	100
10) Acenaphthylene	14.159	152	8069	0.358	ng/ul	98
11) Acenaphthene	14.501	153	10285	0.595	ng/ul	100
12) Fluorene	15.491	166	7529	0.394	ng/ul	97
15) Phenanthrene	17.233	178	107862	3.361	ng/ul	100
16) Anthracene	17.322	178	37837	1.337	ng/ul	99
19) Fluoranthene	19.252	202	201752	5.713	ng/ul	97
20) Pyrene	19.614	202	136031	3.840	ng/ul	98
21) Benzo(a)anthracene	21.368	228	97090	3.429	ng/ul	96
22) Chrysene	21.421	228	79218	2.337	ng/ul	98
24) Benzo(b)fluoranthene	23.028	252	95658m	2.961	ng/ul	
25) Benzo(k)fluoranthene	23.069	252	35657m	0.978	ng/ul	
26) Benzo(a)pyrene	23.634	252	46241	1.704	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.159	276	31522	0.962	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.165	278	10633	0.414	ng/ul	95
29) Benzo(g,h,i)perylene	26.906	276	1896	0.062	ng/ul#	69

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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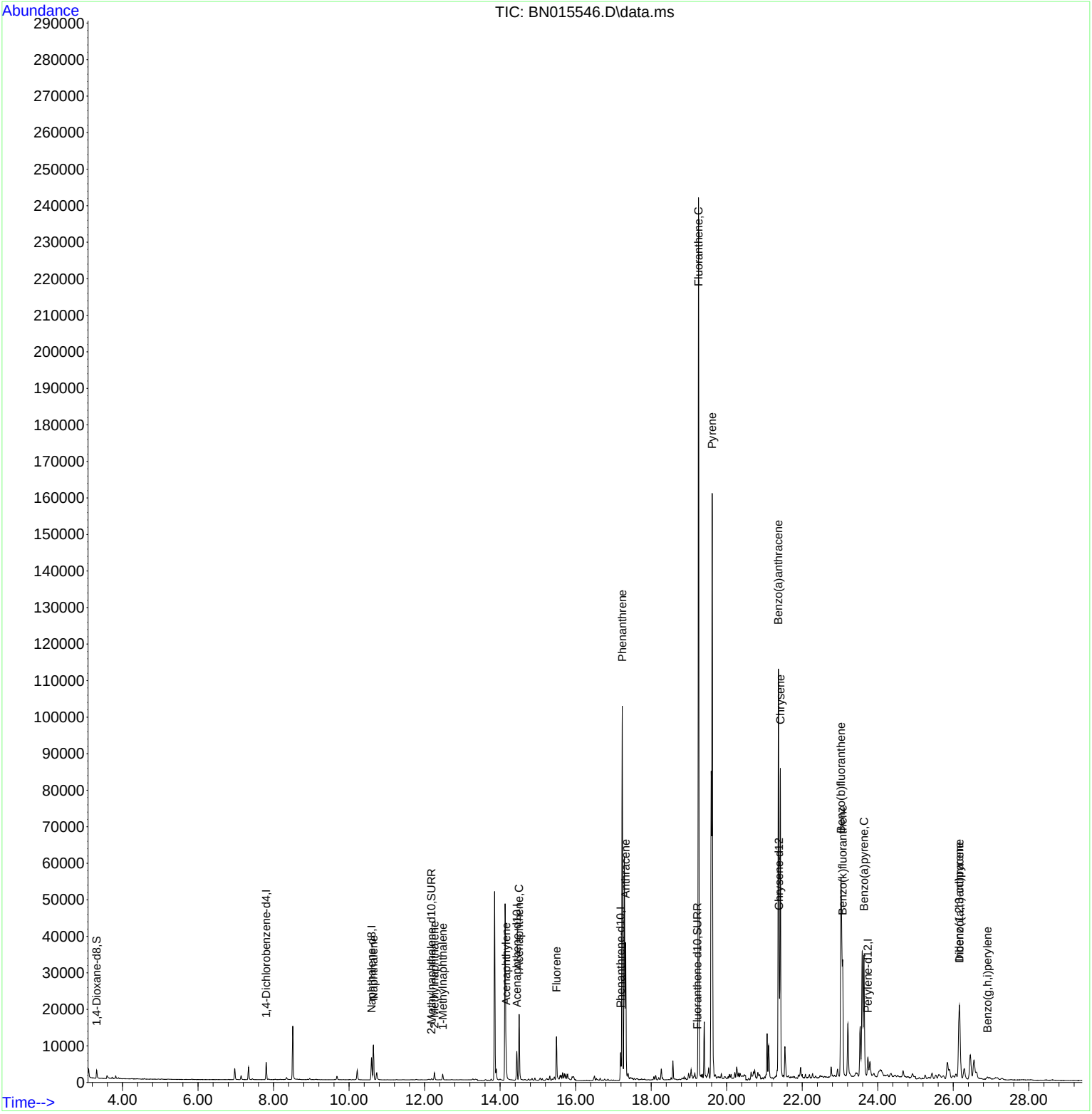
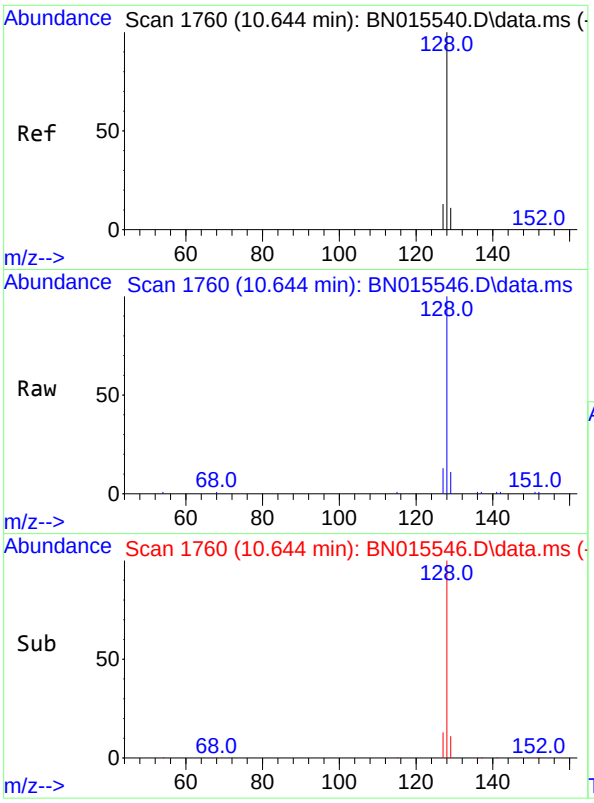
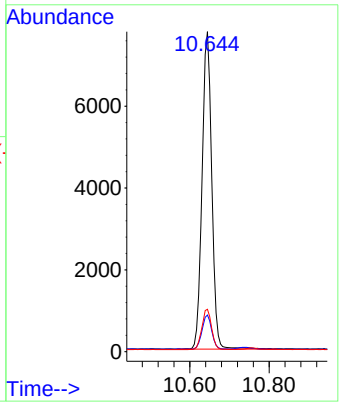


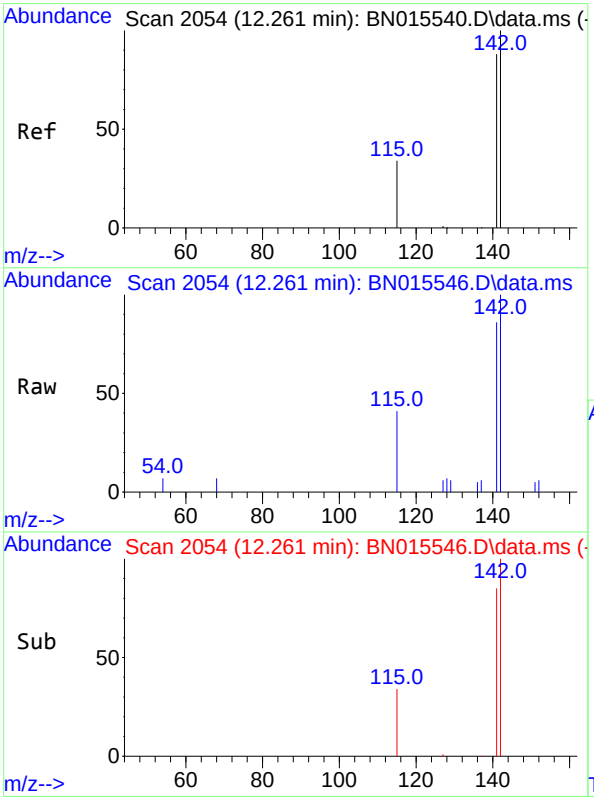


#5
Naphthalene
Concen: 0.503 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:128 Resp: 13133

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.3	10.8	16.2

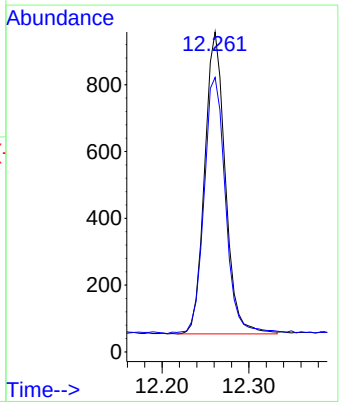




#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:142 Resp: 1487

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5



Instrument :
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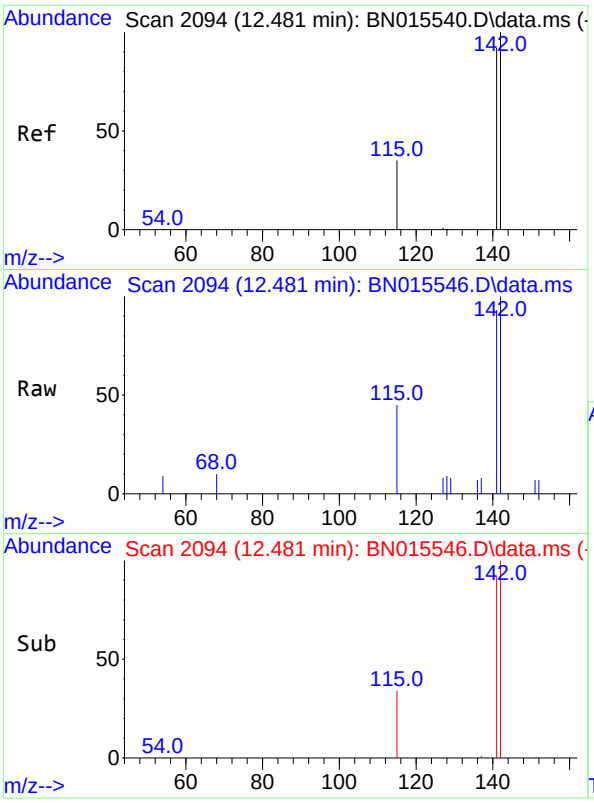
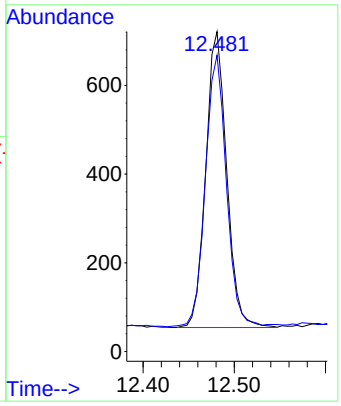


#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:142 Resp: 1063

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4



Instrument :
BNA_N
ClientSampleId :
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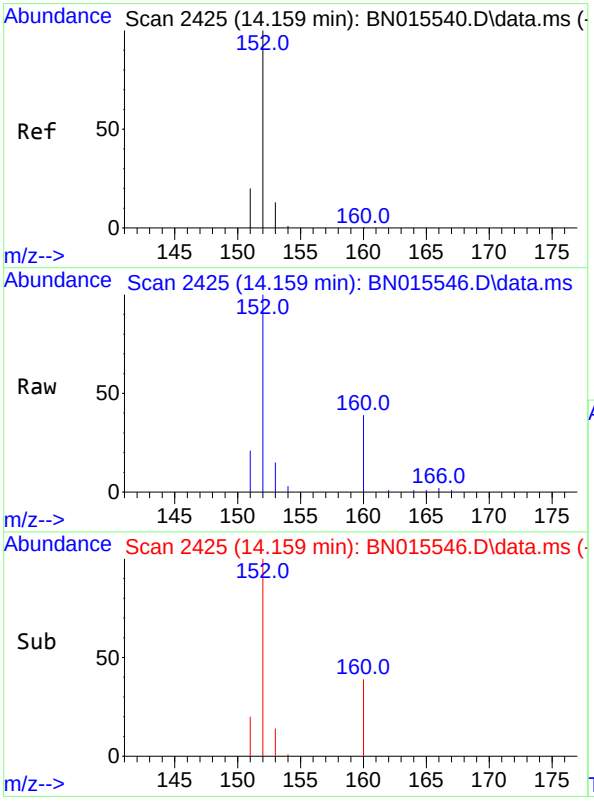
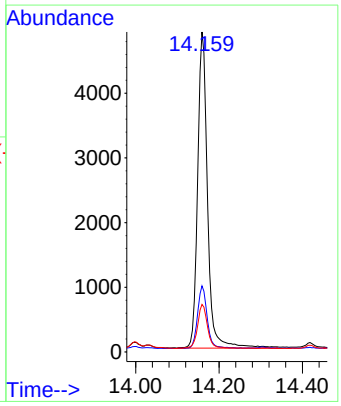
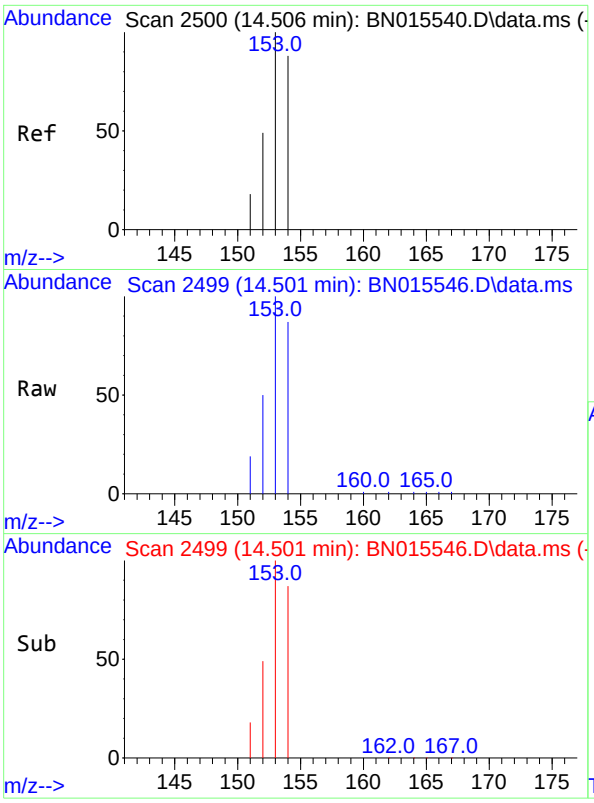


#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:152 Resp: 8069

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.0	24.0
153	14.8	10.9	16.3

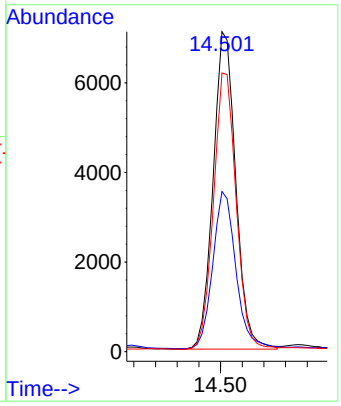




#11
Acenaphthene
Concen: 0.595 ng/ul
RT: 14.501 min Scan# 2499
Delta R.T. -0.005 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:153 Resp: 10285

Ion	Ratio	Lower	Upper
153	100		
152	50.1	39.8	59.6
154	87.1	69.8	104.8



Instrument :
BNA_N
ClientSampleId :
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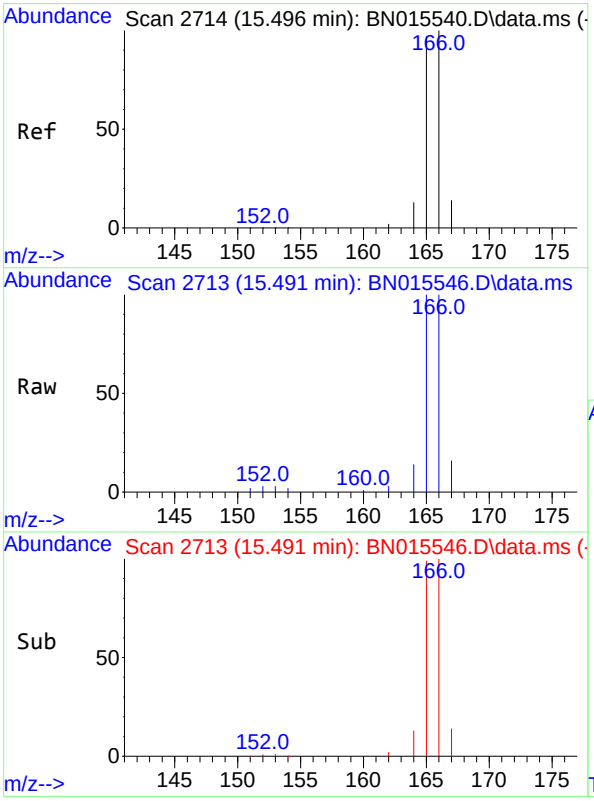
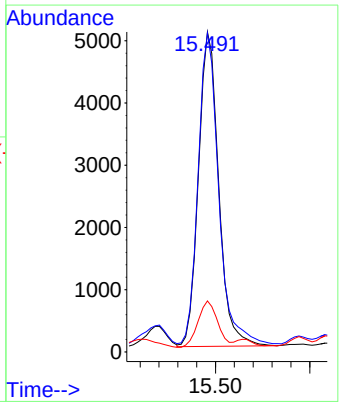
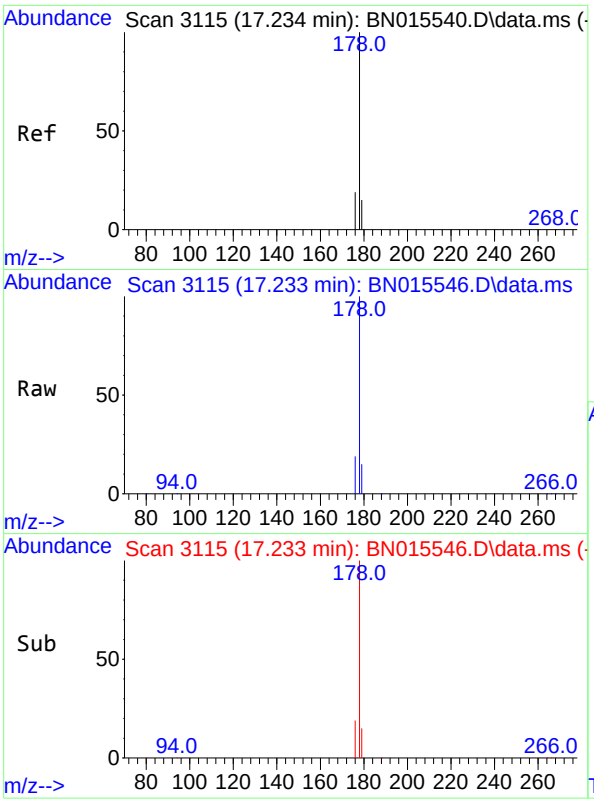


#12
Fluorene
Concen: 0.394 ng/ul
RT: 15.491 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:166 Resp: 7529

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.8
167	15.9	11.2	16.8

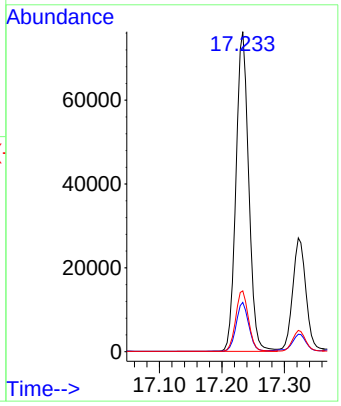


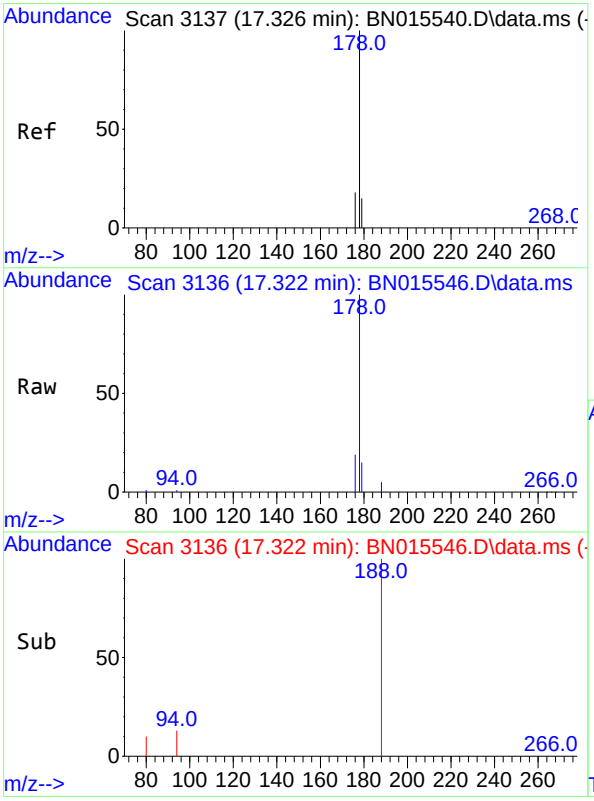


#15
Phenanthrene
Concen: 3.361 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:178 Resp: 107862

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.0	15.5	23.3

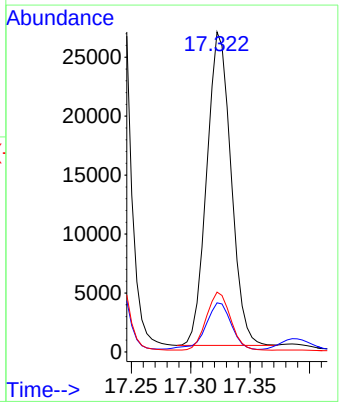




#16
Anthracene
Concen: 1.337 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:178 Resp: 37837

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.7	15.2	22.8



Instrument :
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ClientSampleId :
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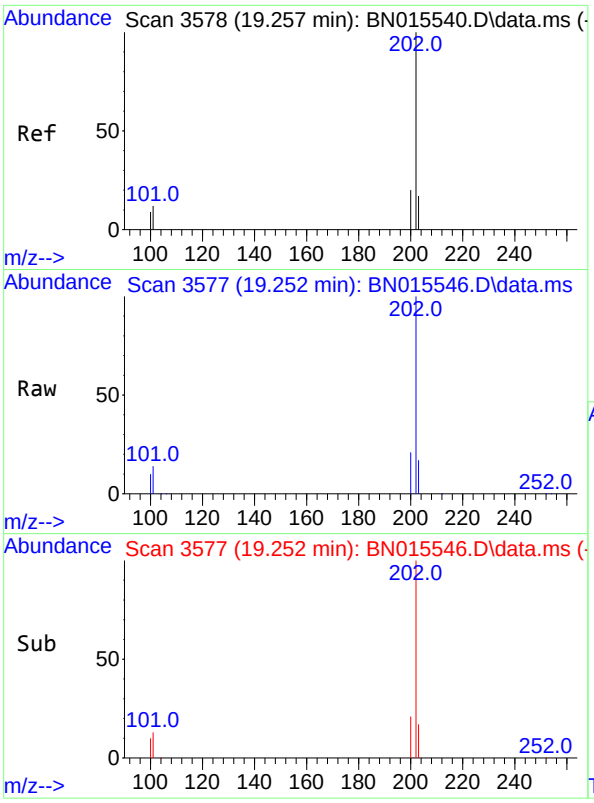
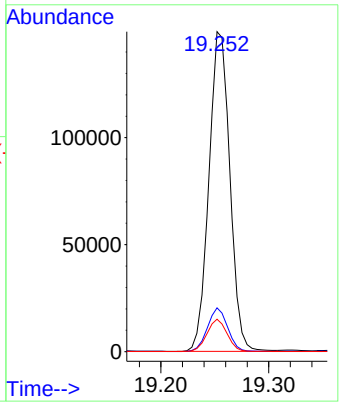
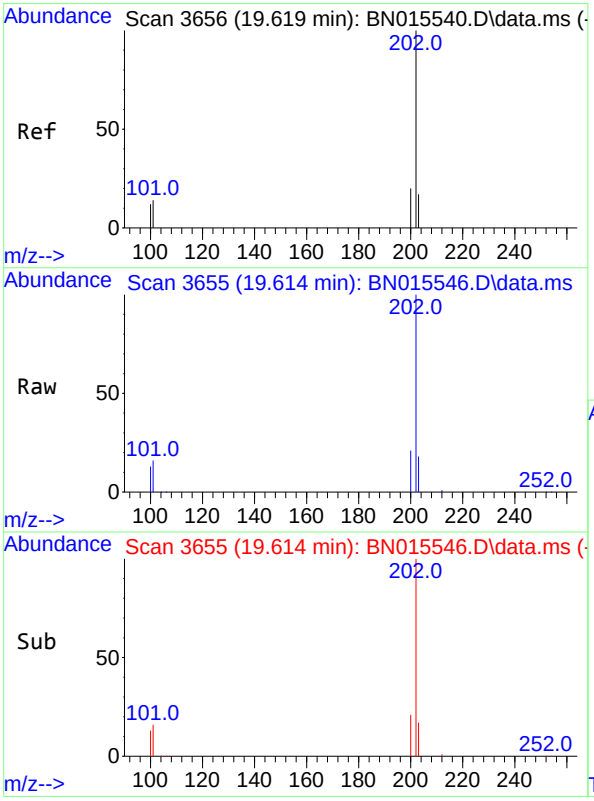


#19
Fluoranthene
Concen: 5.713 ng/ul
RT: 19.252 min Scan# 3577
Delta R.T. -0.005 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:202 Resp: 201752

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.1	15.1
100	10.2	7.4	11.0

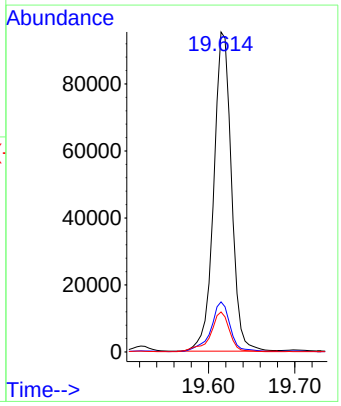




#20
Pyrene
Concen: 3.840 ng/ul
RT: 19.614 min Scan# 3655
Delta R.T. -0.005 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:202 Resp: 136031

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.0	18.0
100	12.5	9.6	14.4



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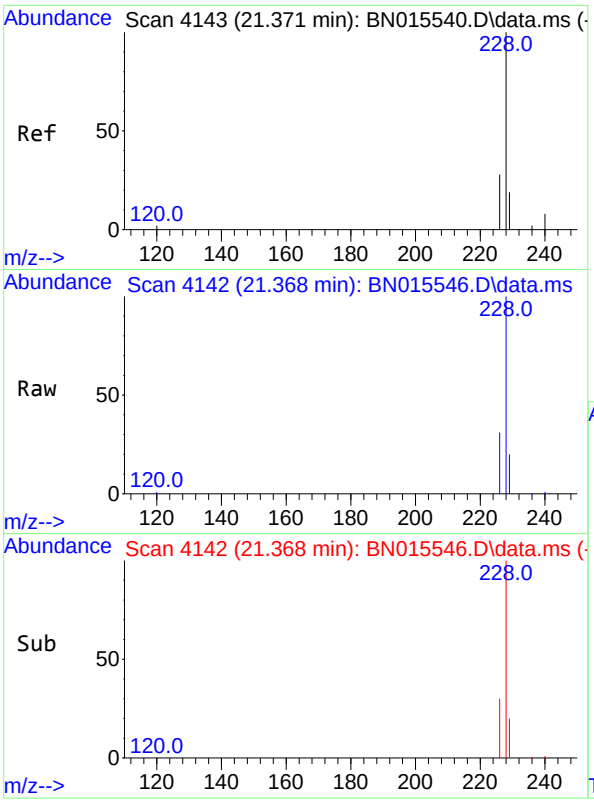
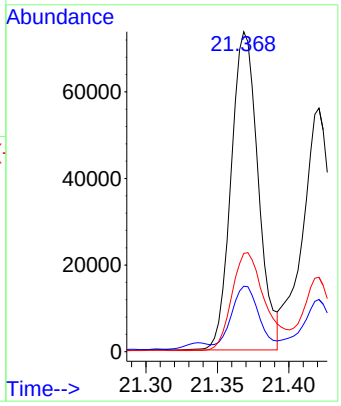


#21
Benzo(a)anthracene
Concen: 3.429 ng/ul
RT: 21.368 min Scan# 4142
Delta R.T. -0.007 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:228 Resp: 97090

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	30.7	21.8	32.8



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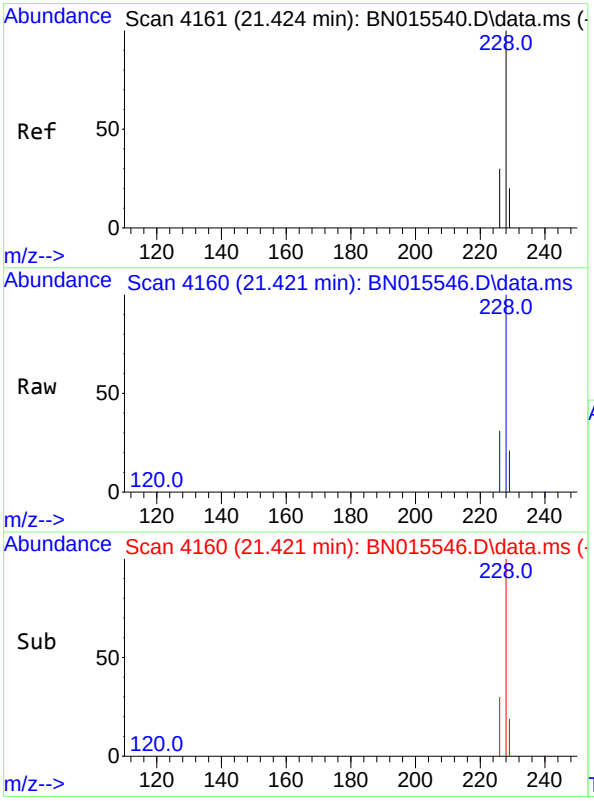
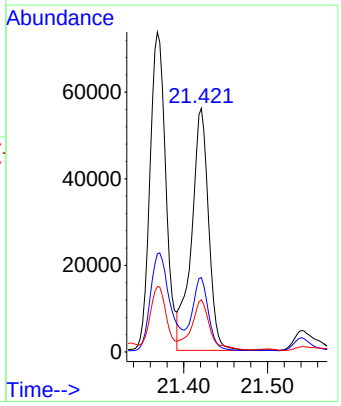
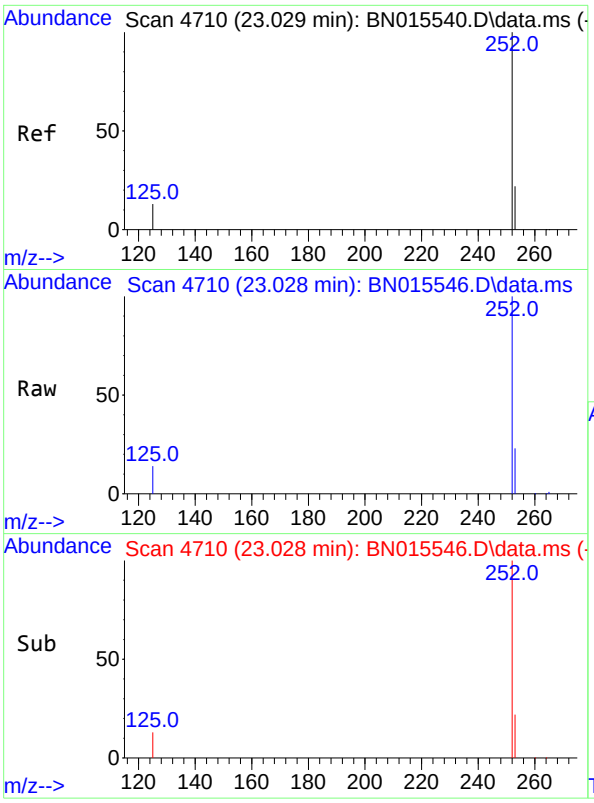


#22
Chrysene
Concen: 2.337 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.007 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:228 Resp: 79218

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	21.4	15.7	23.5

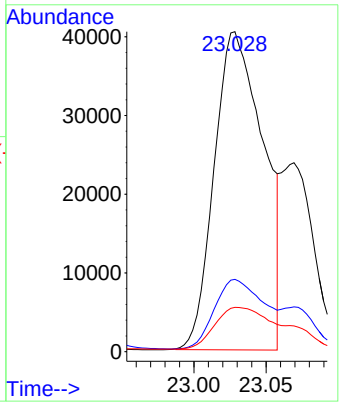


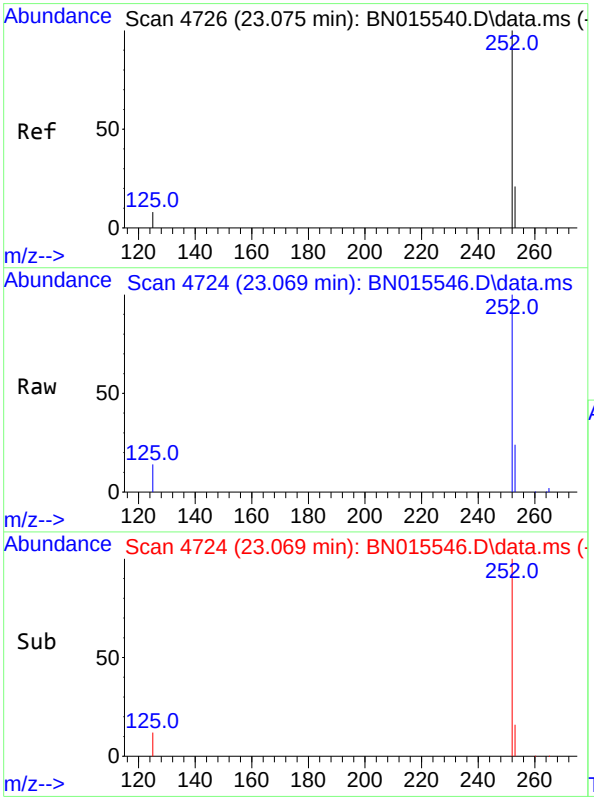


#24
Benzo(b)fluoranthene
Concen: 2.961 ng/ul m
RT: 23.028 min Scan# 4710
Delta R.T. -0.001 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:252 Resp: 95658

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	45.6
125	13.9	0.0	28.4

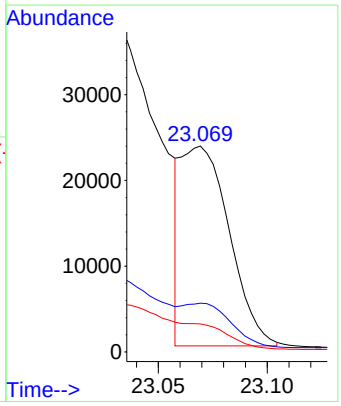




#25
Benzo(k)fluoranthene
Concen: 0.978 ng/ul m
RT: 23.069 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:252 Resp: 35657

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	13.6	11.5	17.3



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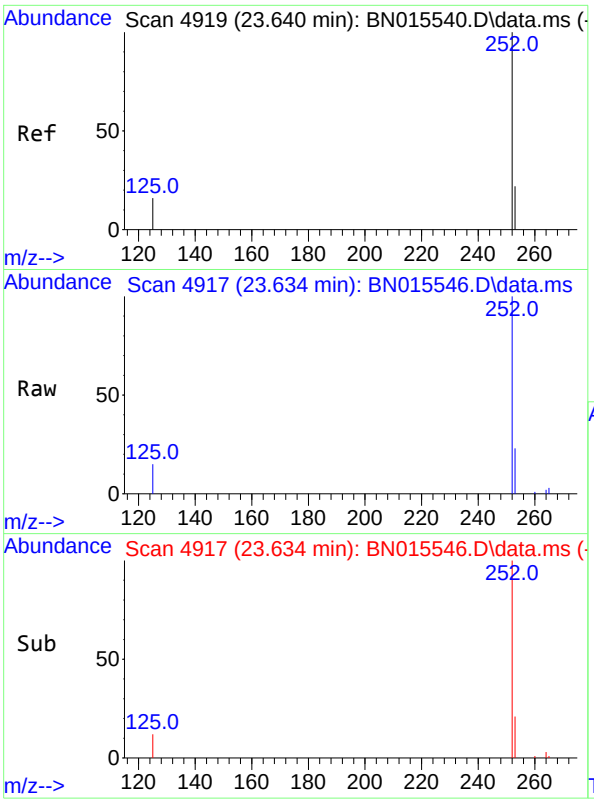
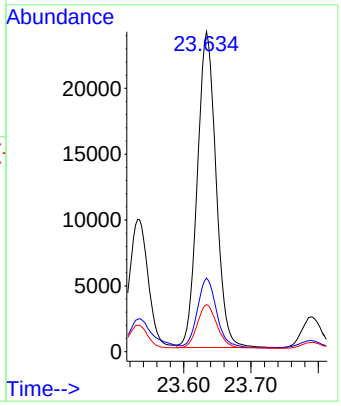


#26
Benzo(a)pyrene
Concen: 1.704 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.007 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:252 Resp: 46241

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	14.7	13.5	20.3



Instrument :
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ClientSampleId :
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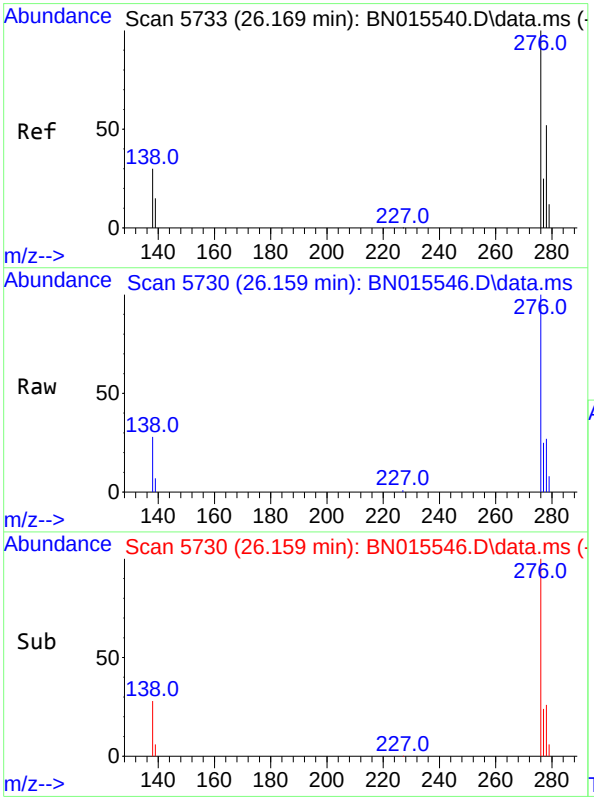
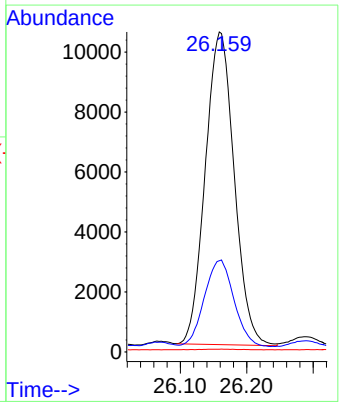
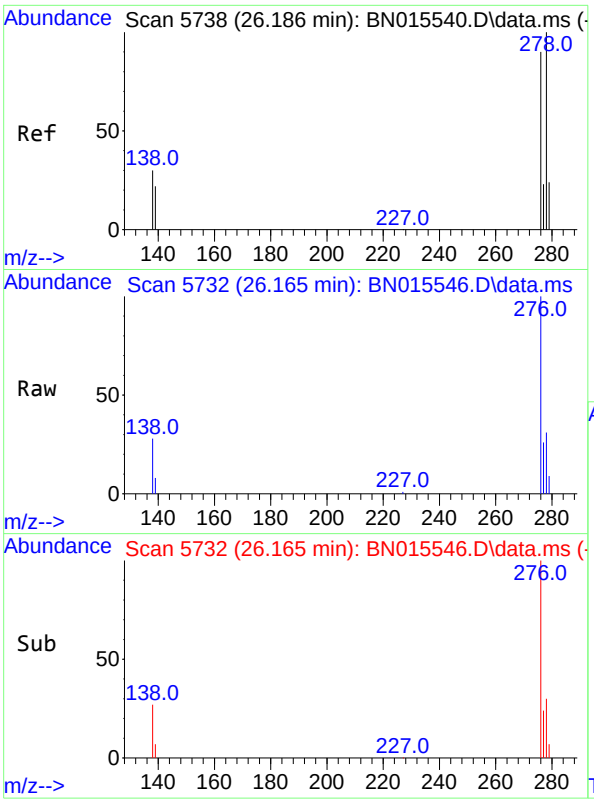


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.962 ng/ul
RT: 26.159 min Scan# 5730
Delta R.T. -0.011 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:276 Resp: 31522

Ion	Ratio	Lower	Upper
276	100		
138	28.4	26.3	39.5
227	0.2	0.1	0.1#

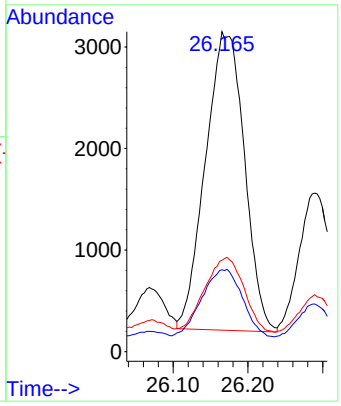




#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 26.165 min Scan# 5732
Delta R.T. -0.024 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

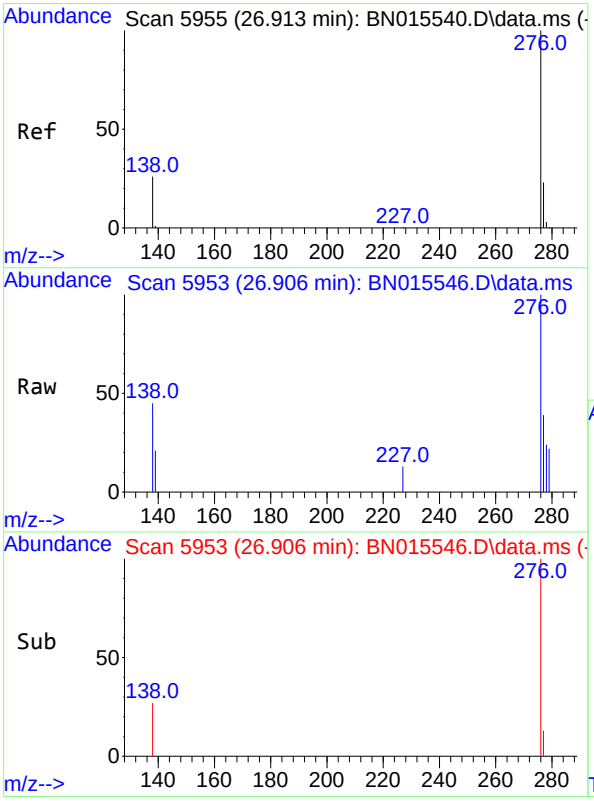
Tgt Ion:278 Resp: 10633

Ion	Ratio	Lower	Upper
278	100		
139	25.6	18.9	28.3
279	28.6	20.8	31.2



Instrument :
BNA_N
ClientSampleId :
BGDX8DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:06 PM



#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.906 min Scan# 5953
Delta R.T. -0.004 min
Lab File: BN015546.D
Acq: 14 Jul 2021 02:19

Tgt Ion:276 Resp: 1896

Ion	Ratio	Lower	Upper
276	100		
138	45.3	23.0	34.4#
277	39.1	19.3	28.9#