Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016174.D
Acq On : 03 Sep 2021 14:40
Operator : CG/JU
Sample : M3472-05DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS3DL

Manual Integrations APPROVED
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9/7/2021 11:32:46 AM

Quant Time: Sep 03 15:13:49 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	7.867	152	2681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	11252	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	6573	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	13077	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	13565	0.400	ng/ul	0.00
23) Perylene-d12	23.844	264	13845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	204	0.065	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	86	0.005	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	191	0.005	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.716	128	1092	0.036	ng/ul#	79
7) 2-Methylnaphthalene	12.333	142	775	0.040	ng/ul	98
8) 1-Methylnaphthalene	12.553	142	619	0.032	ng/ul	98
10) Acenaphthylene	14.224	152	1965	0.079	ng/ul#	88
11) Acenaphthene	14.566	153	488	0.023	ng/ul#	90
15) Phenanthrene	17.293	178	8785	0.233	ng/ul	99
16) Anthracene	17.385	178	1465	0.045	ng/ul#	88
19) Fluoranthene	19.312	202	15291	0.338	ng/ul	100
20) Pyrene	19.680	202	13326	0.291	ng/ul	95
21) Benzo(a)anthracene	21.430	228	8382	0.202	ng/ul#	85
22) Chrysene	21.482	228	8558	0.183	ng/ul#	86
24) Benzo(b)fluoranthene	23.116	252	10640m	0.204	ng/ul	
25) Benzo(k)fluoranthene	23.151	252	3880m	0.074	ng/ul	
26) Benzo(a)pyrene	23.739	252	6755	0.153	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.323	276	4763	0.083	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.326	278	1493	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.091	276	4504	0.091	ng/ul#	66

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016174.D
Acq On : 03 Sep 2021 14:40
Operator : CG/JU
Sample : M3472-05DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Sep 03 15:13:49 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 :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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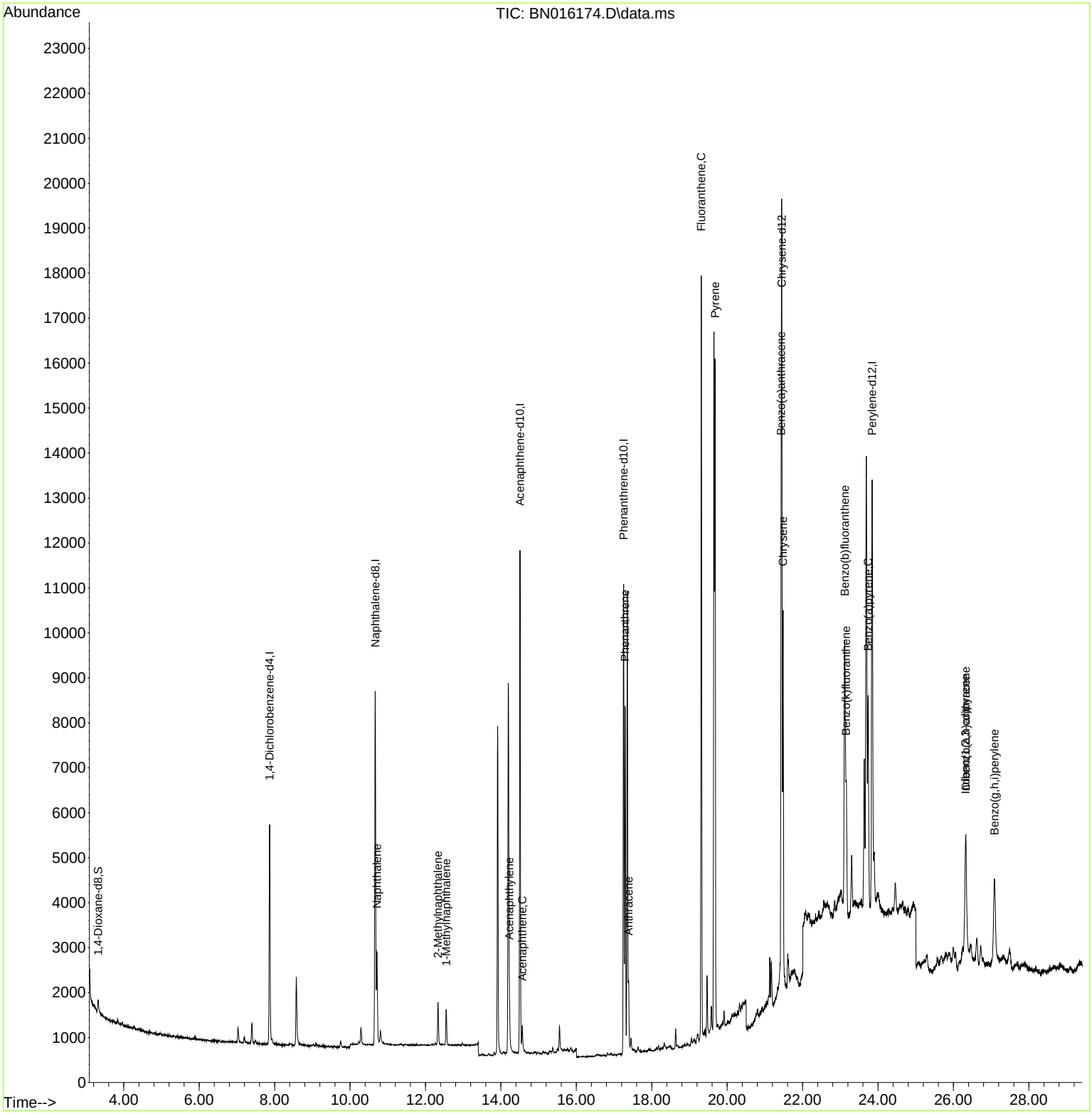
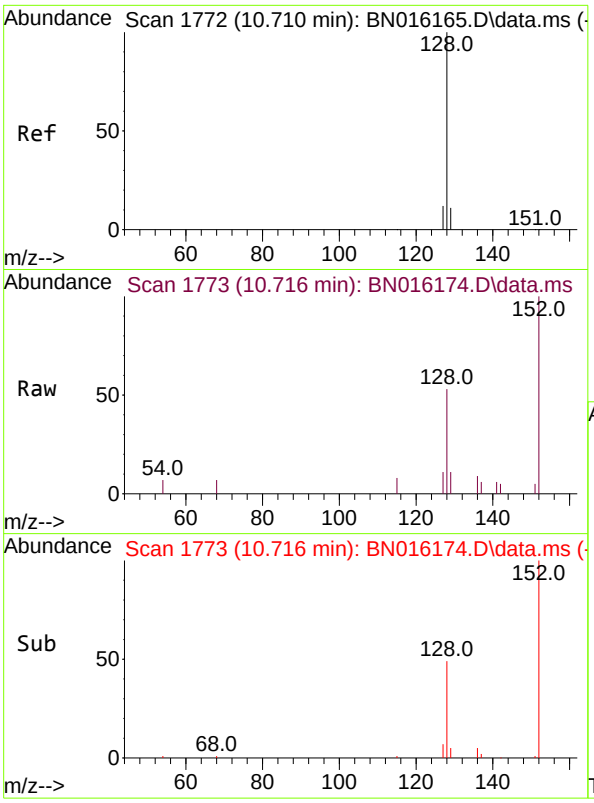
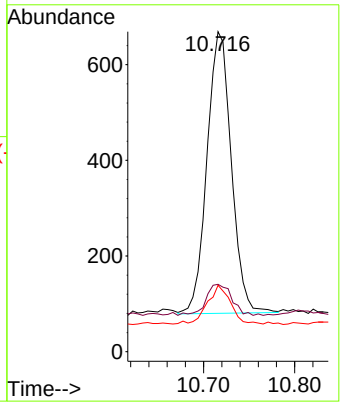


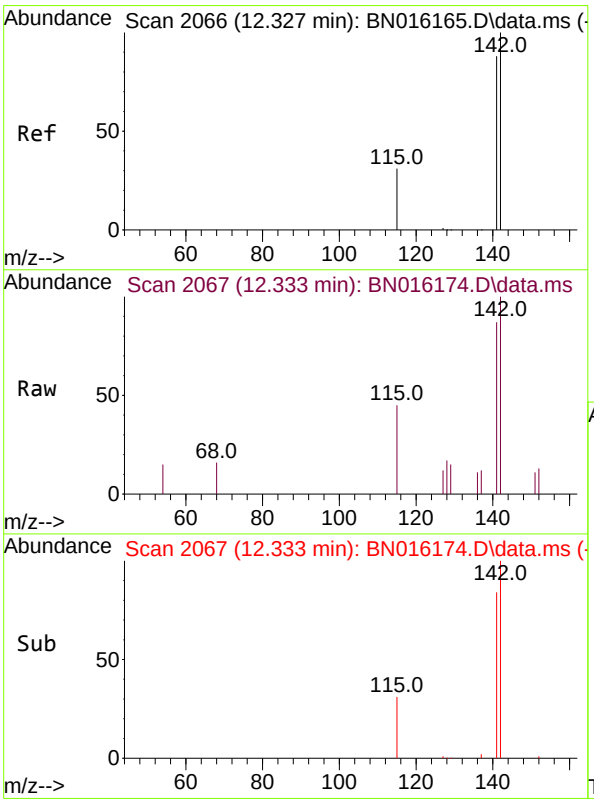


#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:128 Resp: 1092

Ion	Ratio	Lower	Upper
128	100		
129	21.1	9.4	14.2#
127	20.8	10.6	15.8#

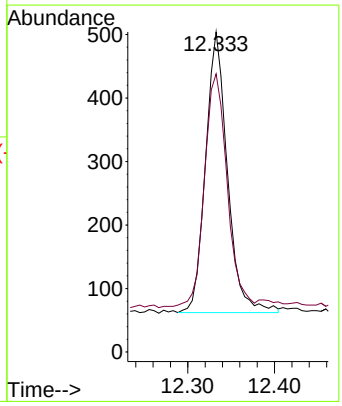




#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.005 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:142 Resp: 775

Ion	Ratio	Lower	Upper
142	100		
141	84.8	69.5	104.3



Instrument :
BNA_N
ClientSampleId :
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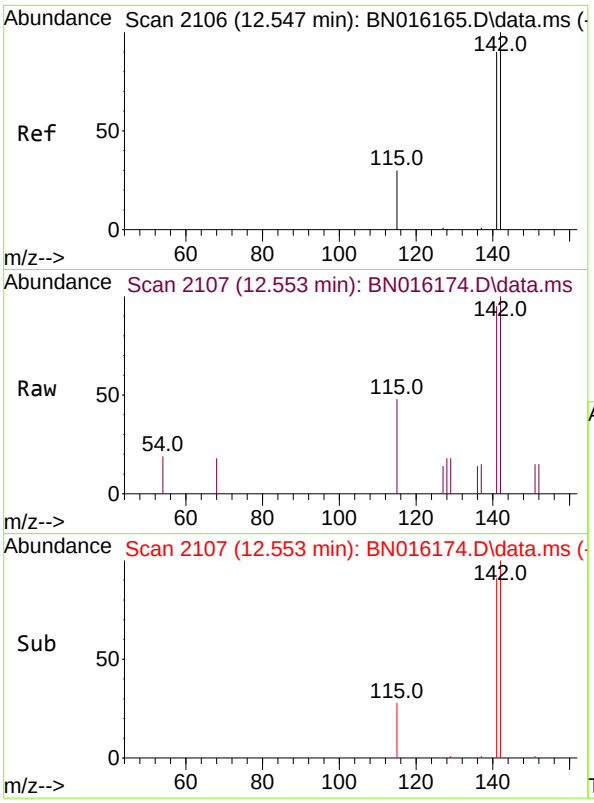
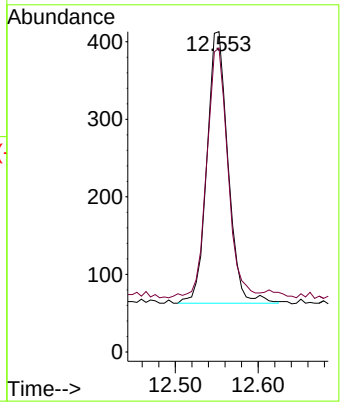


#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:142 Resp: 619

Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.2	108.4



Instrument :
BNA_N
ClientSampleId :
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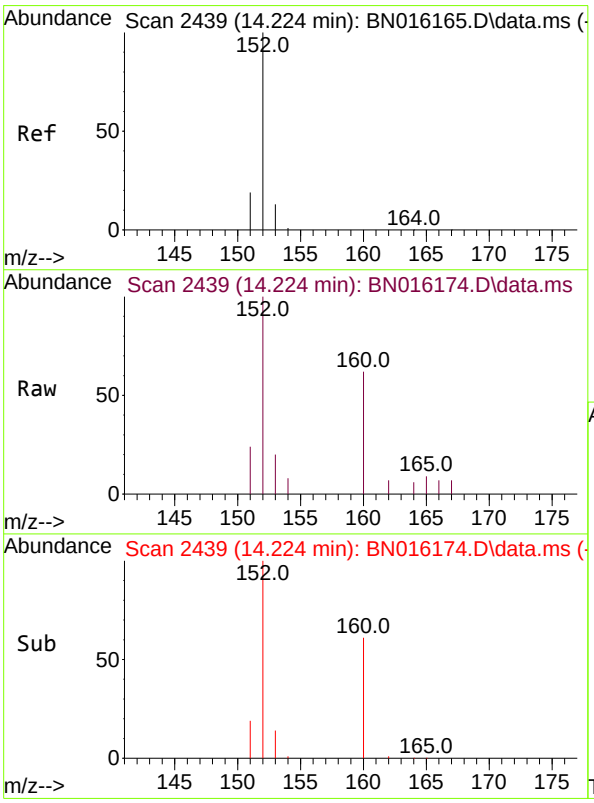
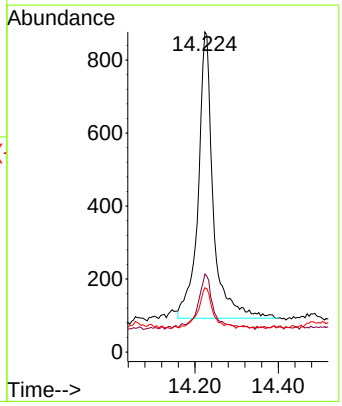
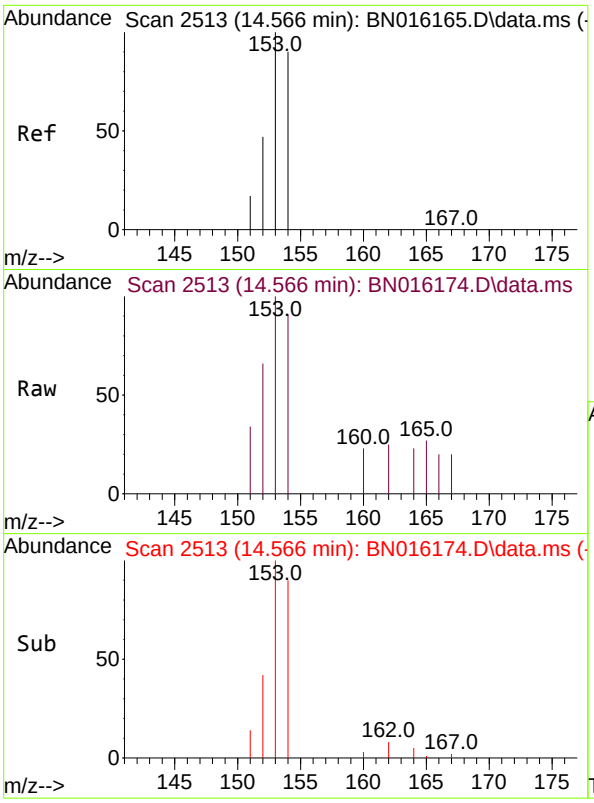


#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.004 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:152 Resp: 1965

Ion	Ratio	Lower	Upper
152	100		
151	24.4	15.8	23.6#
153	20.1	11.2	16.8#

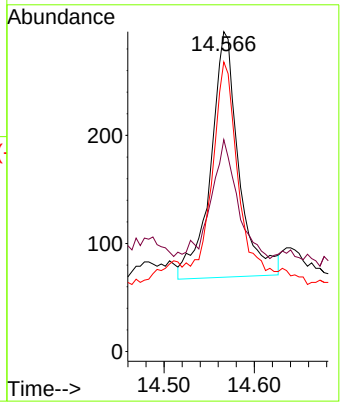




#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:153 Resp: 488

Ion	Ratio	Lower	Upper
153	100		
152	66.2	38.5	57.7#
154	90.5	71.3	106.9



Instrument :
BNA_N
ClientSampleId :
C0AS3DL

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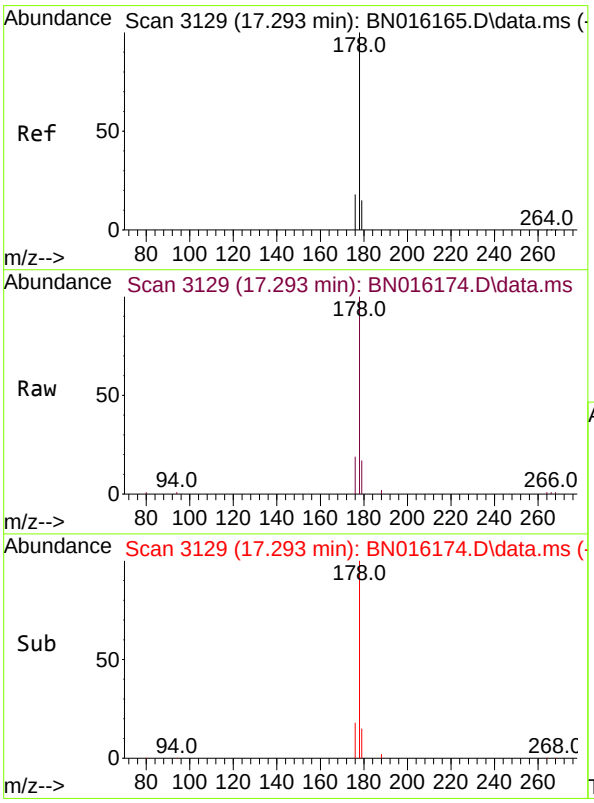
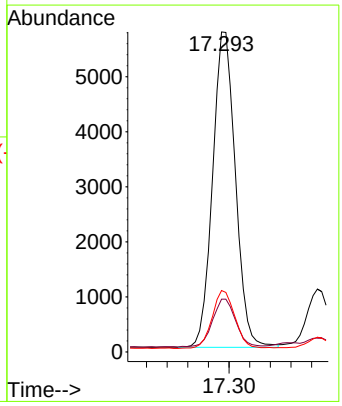
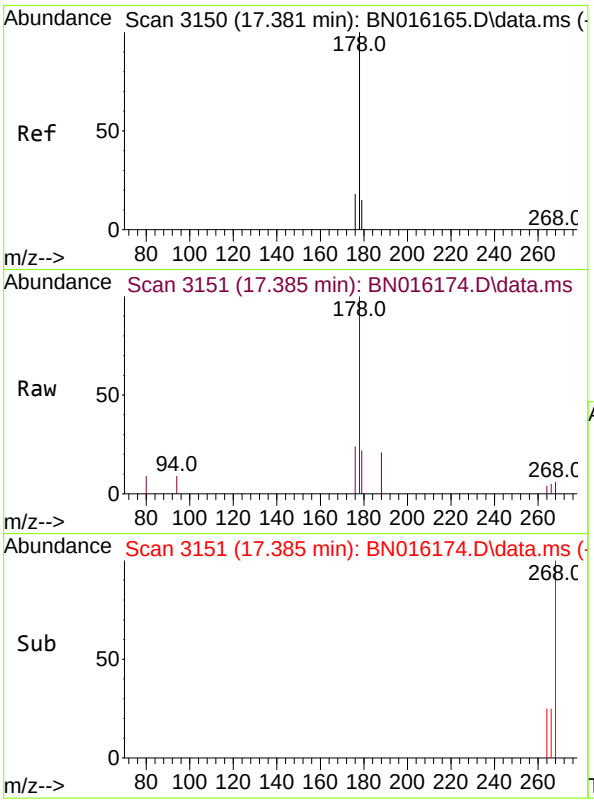


#15
Phenanthrene
Concen: 0.233 ng/ul
RT: 17.293 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:178 Resp: 8785

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.2	15.2	22.8

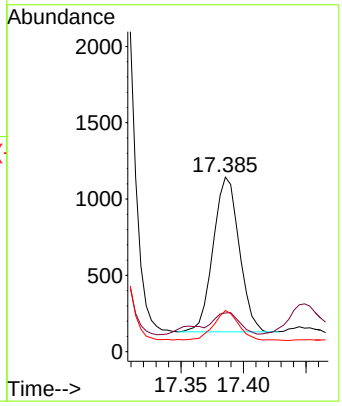




#16
Anthracene
Concen: 0.045 ng/ul
RT: 17.385 min Scan# 3151
Delta R.T. 0.004 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:178 Resp: 1465

Ion	Ratio	Lower	Upper
178	100		
179	22.2	13.3	19.9#
176	23.5	14.9	22.3#



Instrument :
BNA_N
ClientSampleId :
C0AS3DL

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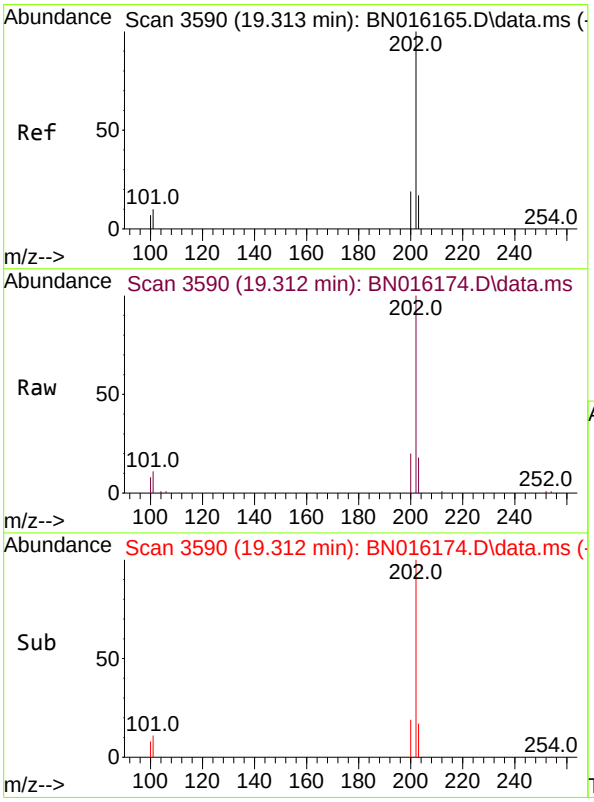
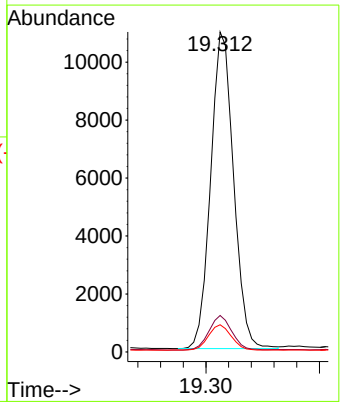
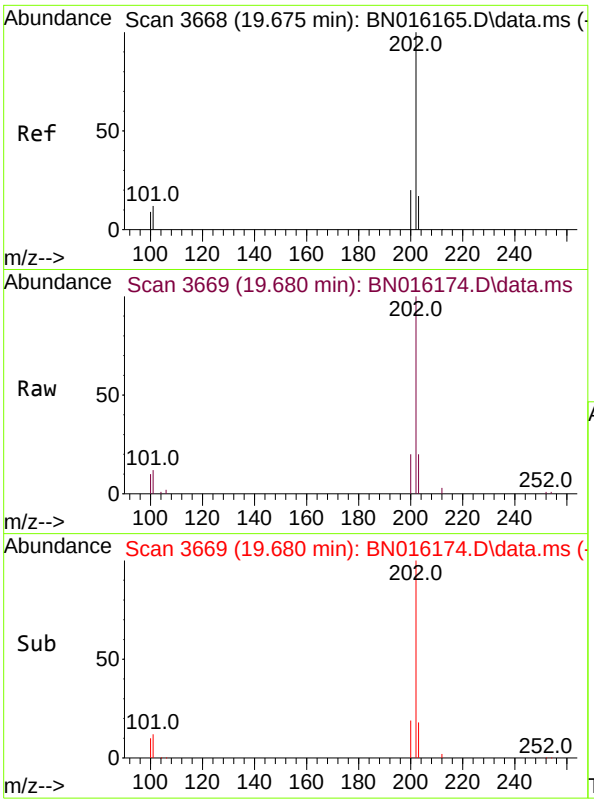


#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.312 min Scan# 3590
Delta R.T. -0.001 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:202 Resp: 15291

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
100	8.5	6.7	10.1

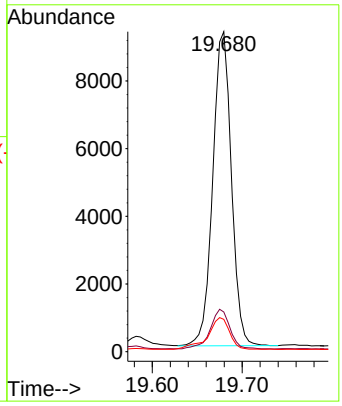




#20
Pyrene
Concen: 0.291 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. 0.004 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:202 Resp: 13326

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.5	17.3
100	10.1	9.8	14.8



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ClientSampleId :
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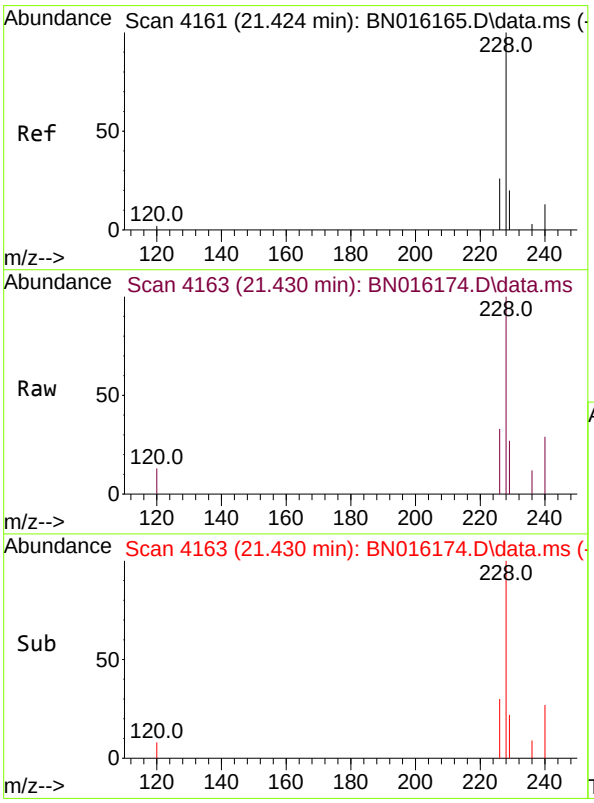
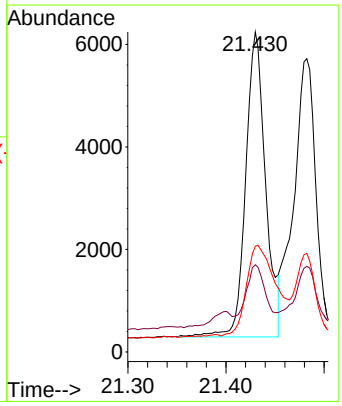
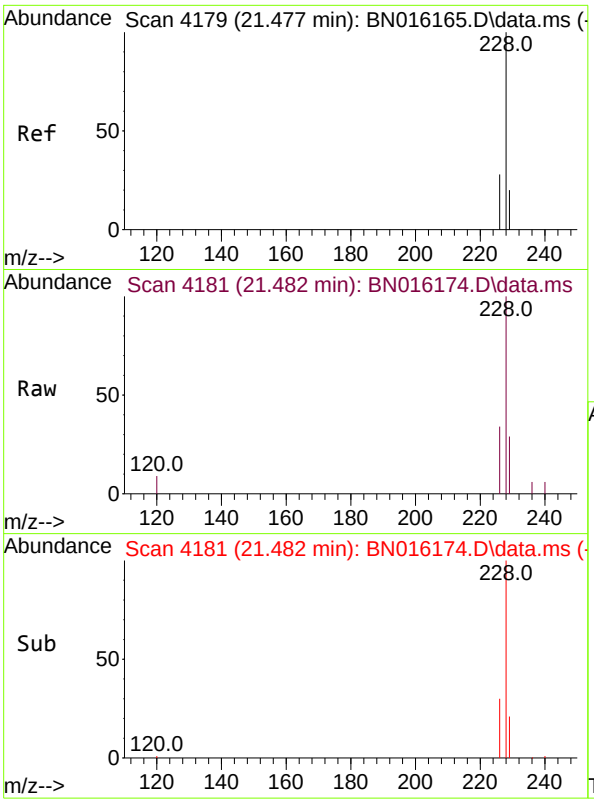


#21
Benzo(a)anthracene
Concen: 0.202 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. 0.005 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:228 Resp: 8382

Ion	Ratio	Lower	Upper
228	100		
229	27.2	15.7	23.5#
226	33.1	20.8	31.2#

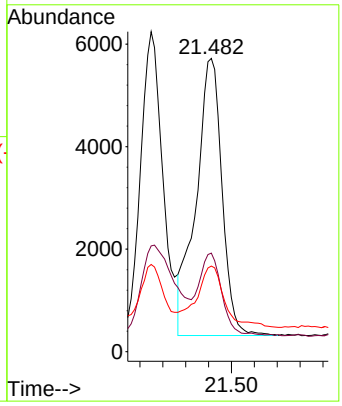




#22
Chrysene
Concen: 0.183 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. 0.005 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:228 Resp: 8558

Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.2	34.8
229	29.2	15.6	23.4#



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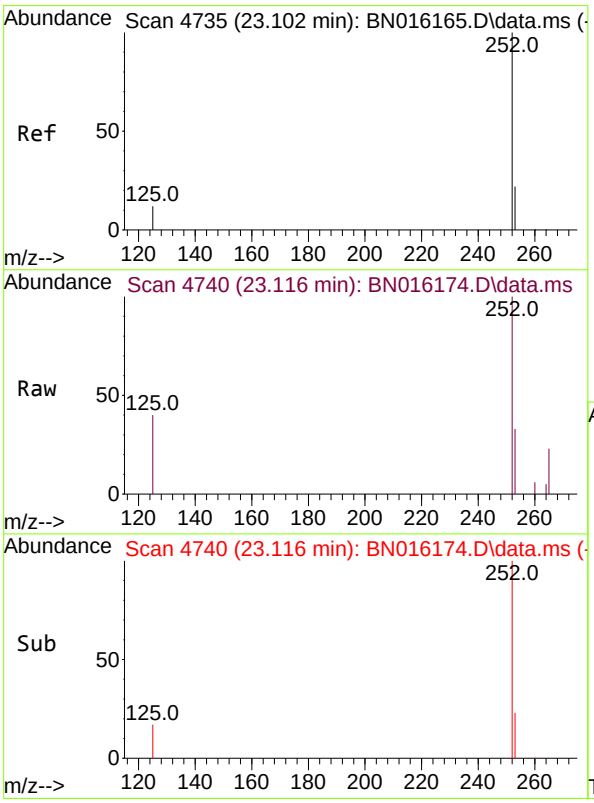
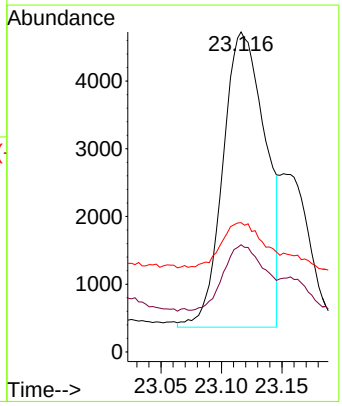
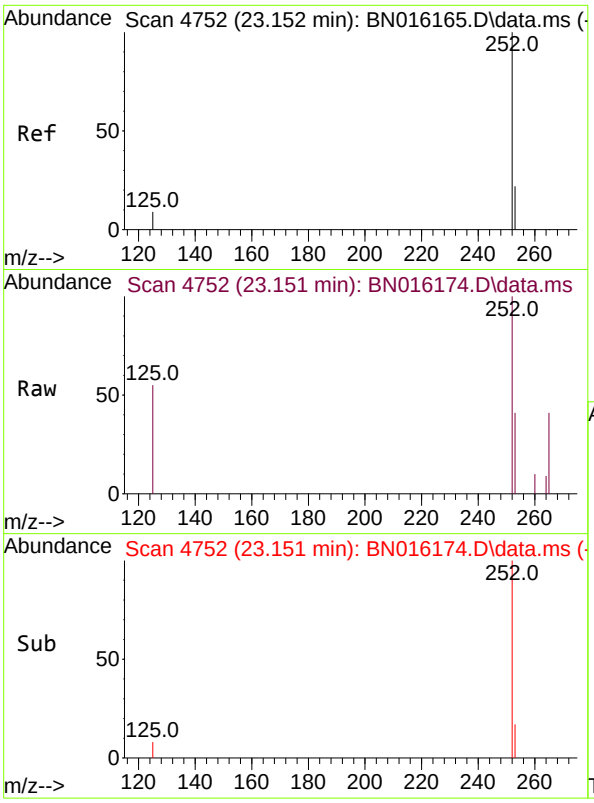


#24
Benzo(b)fluoranthene
Concen: 0.204 ng/ul m
RT: 23.116 min Scan# 4740
Delta R.T. 0.011 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:252 Resp: 10640

Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	49.4
125	40.4	0.0	27.0#

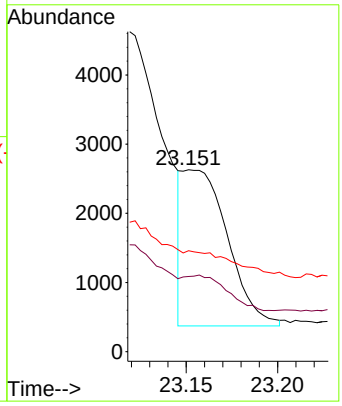


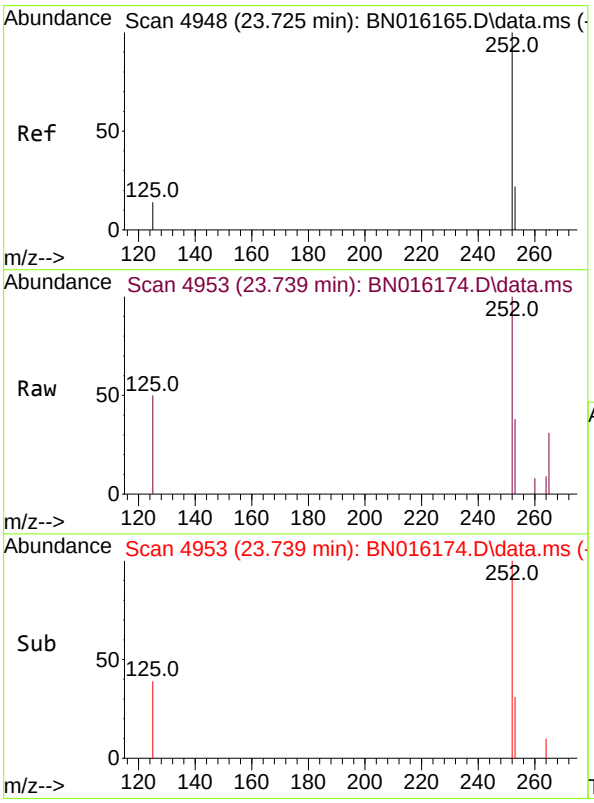


#25
Benzo(k)fluoranthene
Concen: 0.074 ng/ul m
RT: 23.151 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:252 Resp: 3880

Ion	Ratio	Lower	Upper
252	100		
253	41.4	19.4	29.0#
125	55.5	10.9	16.3#

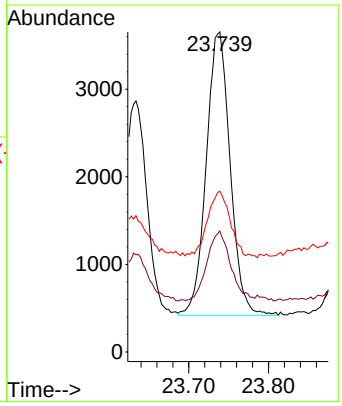




#26
Benzo(a)pyrene
Concen: 0.153 ng/ul
RT: 23.739 min Scan# 4953
Delta R.T. 0.008 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:252 Resp: 6755

Ion	Ratio	Lower	Upper
252	100		
253	37.8	20.2	30.2#
125	50.2	12.6	18.8#



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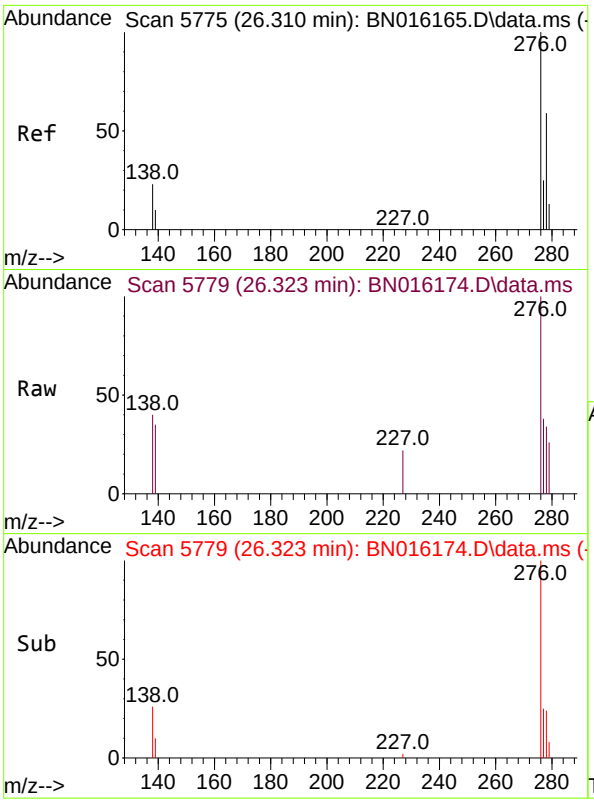
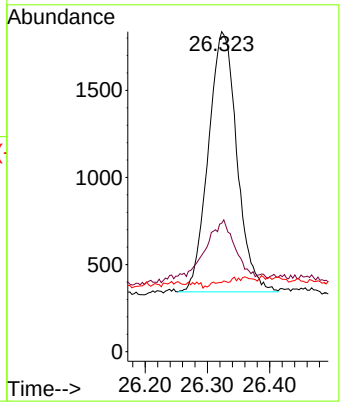
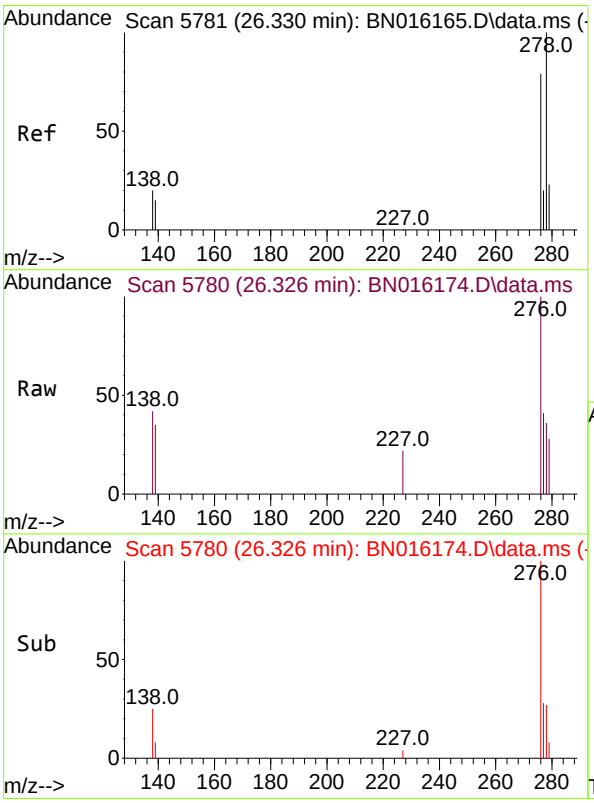


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. 0.006 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:276 Resp: 4763

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.7	34.1
227	1.0	0.2	0.2#

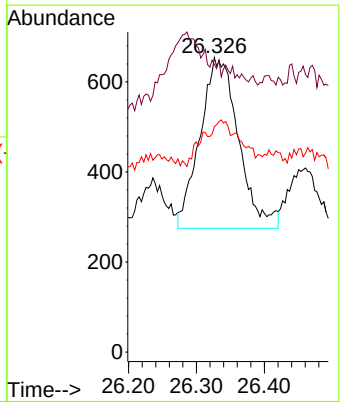




#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.004 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:278 Resp: 1493

Ion	Ratio	Lower	Upper
278	100		
139	97.7	15.1	22.7#
279	76.6	20.5	30.7#



Instrument :
BNA_N
ClientSampleId :
C0AS3DL

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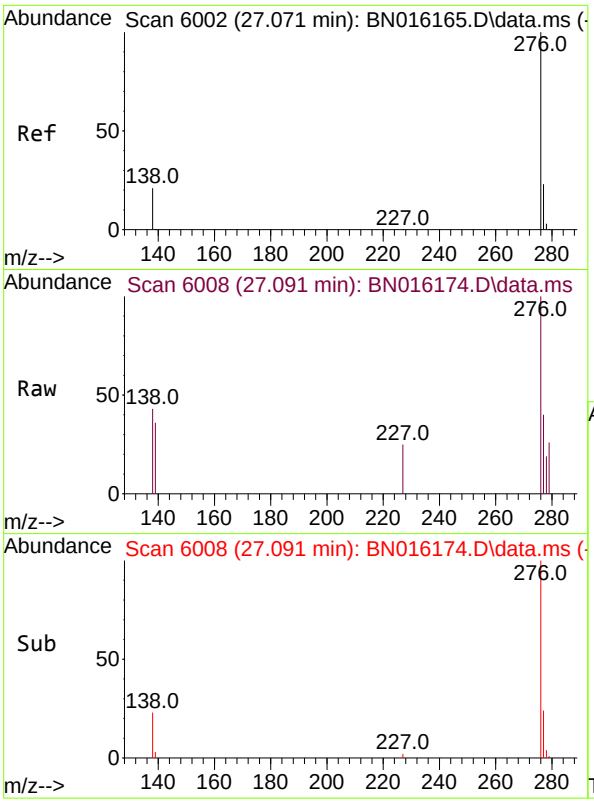
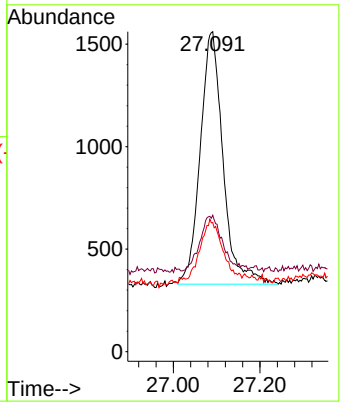


#29
Benzo(g,h,i)perylene
Concen: 0.091 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.016 min
Lab File: BN016174.D
Acq: 03 Sep 2021 14:40

Tgt Ion:276 Resp: 4504

Ion	Ratio	Lower	Upper
276	100		
138	42.7	19.3	28.9#
277	40.4	19.8	29.8#



Instrument :
BNA_N
ClientSampleId :
C0AS3DL

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:46 AM