Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016135.D
Acq On : 02 Sep 2021 13:51
Operator : CG/JU
Sample : M3458-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS1

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Quant Time: Sep 02 14:34:01 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	2880	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	12062	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	7447	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.254	188	14816	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	13252	0.400	ng/ul	# 0.00
23) Perylene-d12	23.844	264	17224	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	8265	2.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	3469	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.284	212	7812	0.220	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	465	0.127	ng/ul#	46
5) Naphthalene	10.716	128	30784	0.959	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	19444	0.928	ng/ul	100
8) 1-Methylnaphthalene	12.547	142	20371	0.974	ng/ul	100
10) Acenaphthylene	14.224	152	384420	13.646	ng/ul	99
11) Acenaphthene	14.566	153	29953	1.271	ng/ul	100
12) Fluorene	15.551	166	30358	1.125	ng/ul	99
14) Pentachlorophenol	16.908	266	50	0.021	ng/ul	94
15) Phenanthrene	17.292	178	1061540	24.862	ng/ul	98
16) Anthracene	17.385	178	317458	8.607	ng/ul	97
19) Fluoranthene	19.317	202	2110046	47.804	ng/ul	97
20) Pyrene	19.679	202	1818907	40.682	ng/ul#	94
21) Benzo(a)anthracene	21.430	228	1330571	32.832	ng/ul	96
22) Chrysene	21.482	228	1300760	28.409	ng/ul	98
24) Benzo(b)fluoranthene	23.122	252	2091464m	32.271	ng/ul	
25) Benzo(k)fluoranthene	23.160	252	738975m	11.335	ng/ul	
26) Benzo(a)pyrene	23.742	252	1228232	22.343	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.336	276	1062033	14.951	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.339	278	291544	4.981	ng/ul	97
29) Benzo(g,h,i)perylene	27.094	276	141675	2.298	ng/ul	98

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

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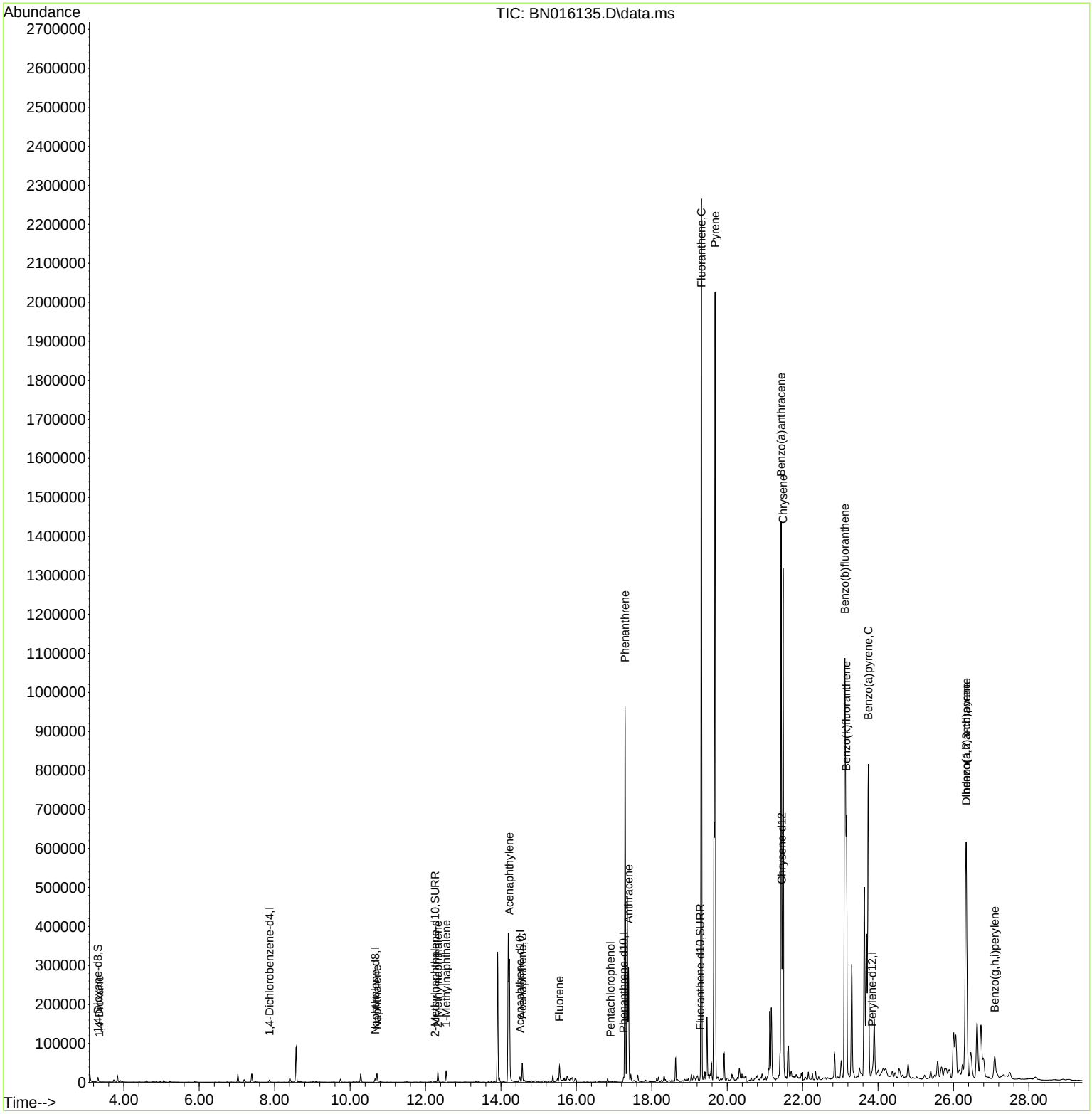
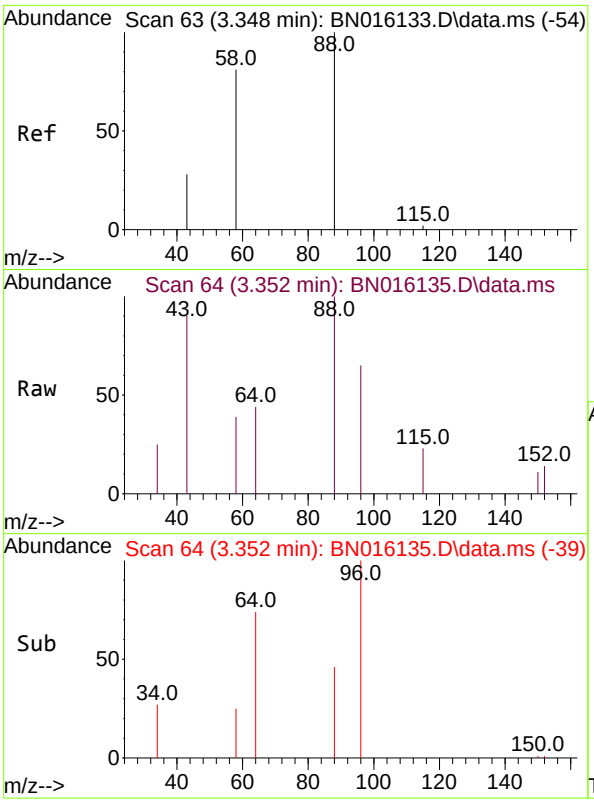
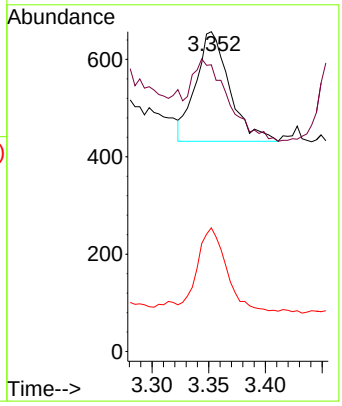




#2
1,4-Dioxane
Concen: 0.127 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. 0.004 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion: 88 Resp: 465

Ion	Ratio	Lower	Upper
88	100		
43	89.6	27.9	41.9#
58	38.7	50.0	75.0#



Instrument :
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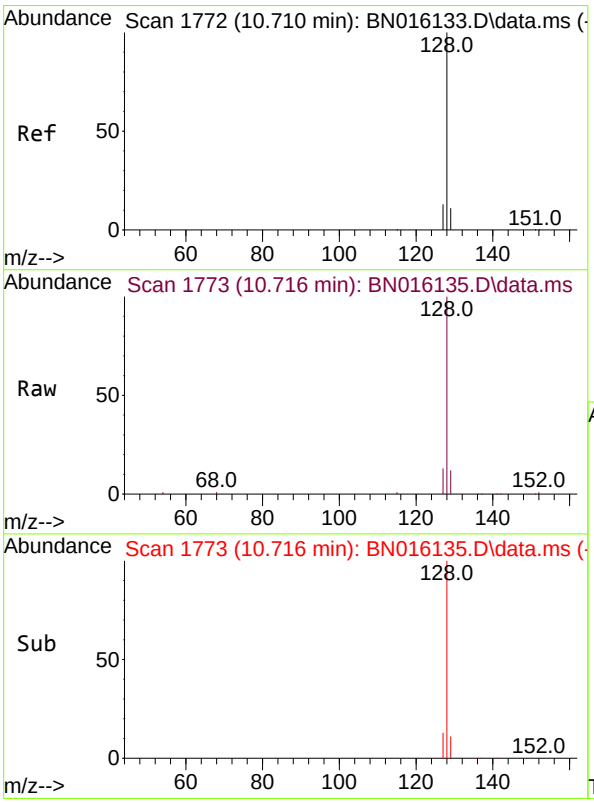
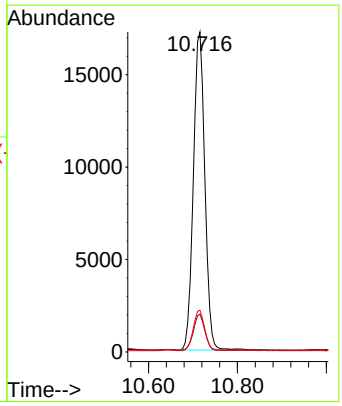
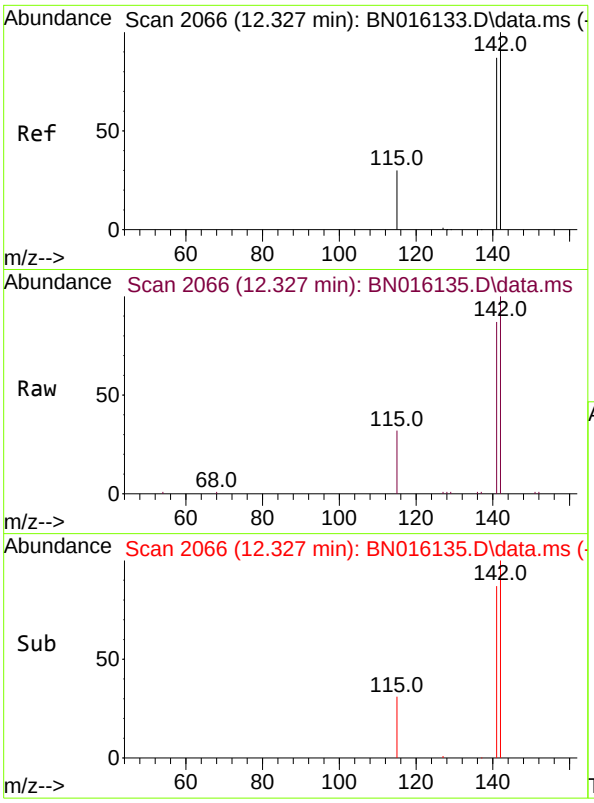


#5
Naphthalene
Concen: 0.959 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:128 Resp: 30784

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.1	10.6	15.8

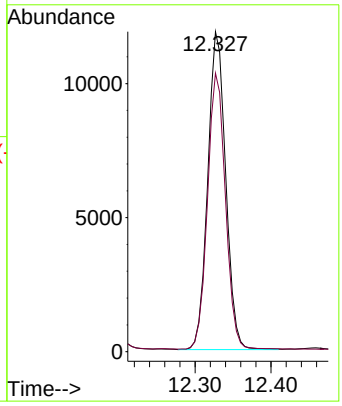




#7
2-Methylnaphthalene
Concen: 0.928 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:142 Resp: 19444

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.5	104.3



Instrument :
BNA_N
ClientSampleId :
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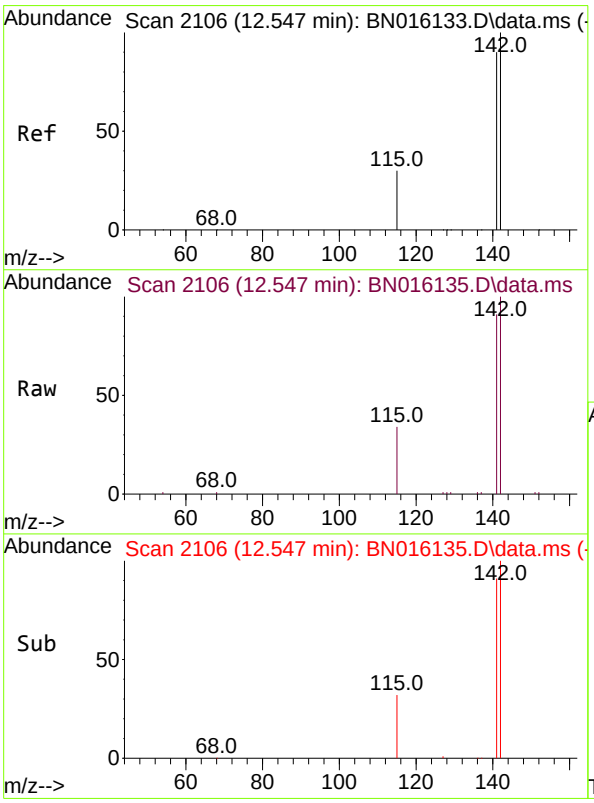
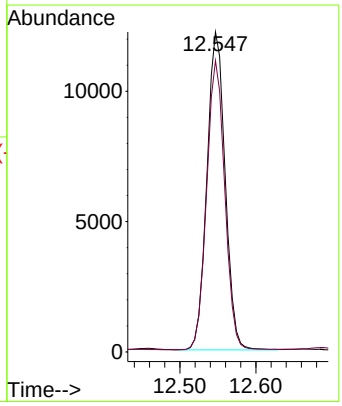
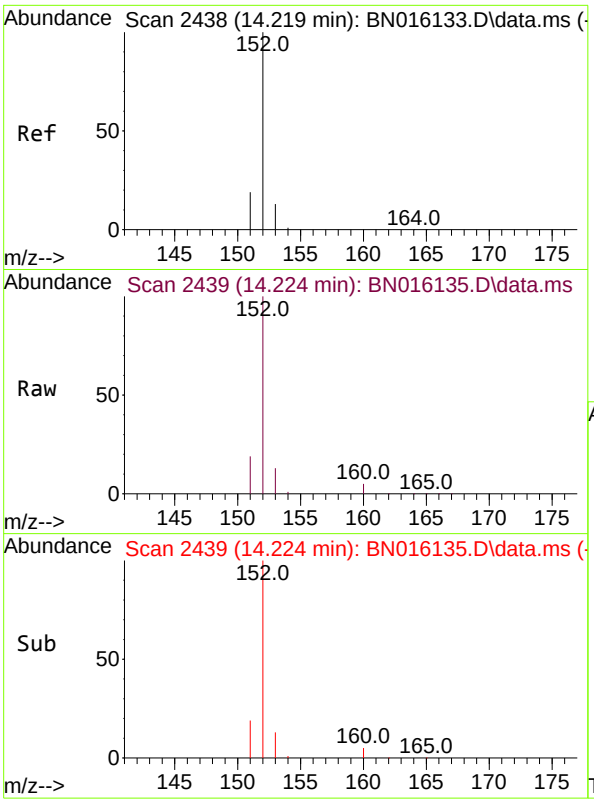


#8
1-Methylnaphthalene
Concen: 0.974 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:142 Resp: 20371

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.4

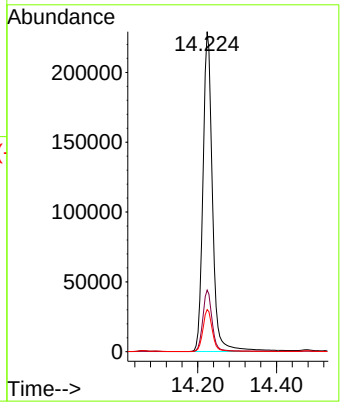




#10
Acenaphthylene
Concen: 13.646 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.004 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:152 Resp: 384420

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.1	11.2	16.8



Instrument :
BNA_N
ClientSampleId :
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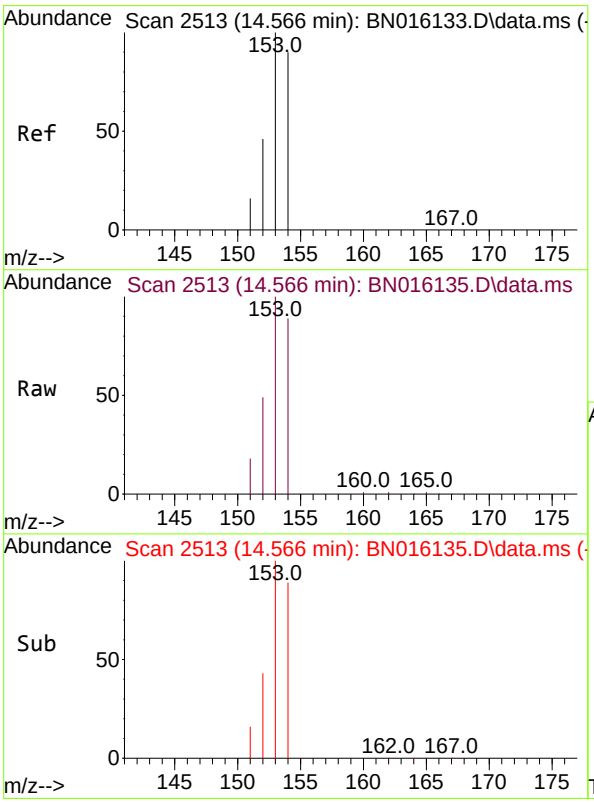
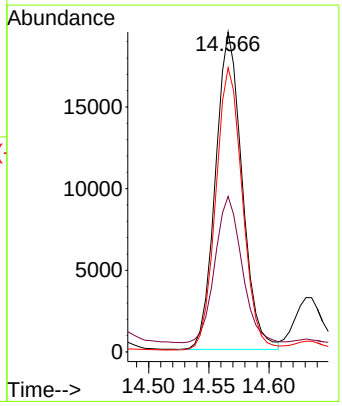
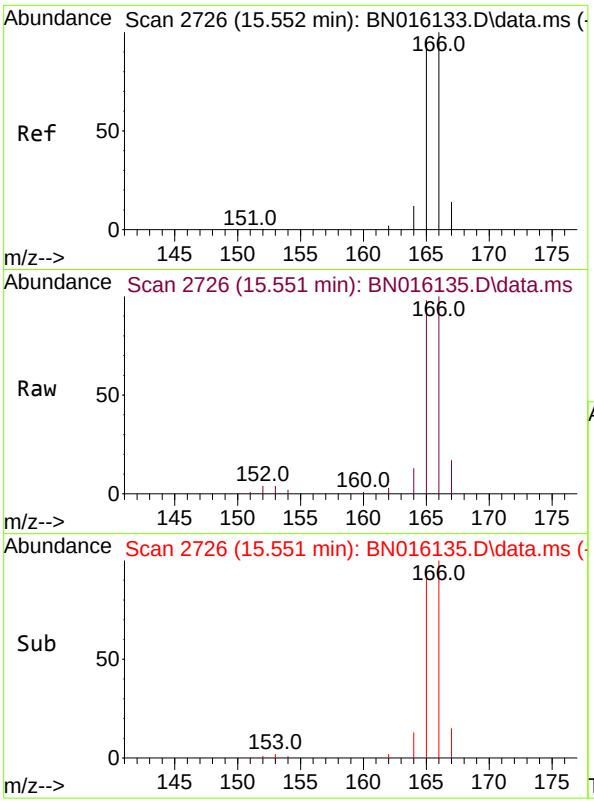


#11
Acenaphthene
Concen: 1.271 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:153 Resp: 29953

Ion	Ratio	Lower	Upper
153	100		
152	48.6	38.5	57.7
154	88.9	71.3	106.9

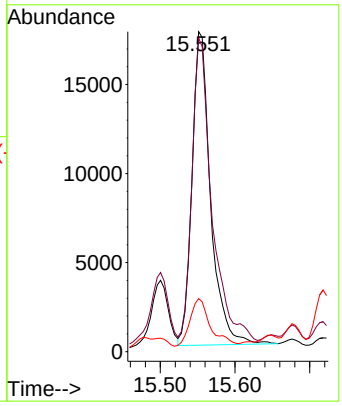




#12
Fluorene
Concen: 1.125 ng/ul
RT: 15.551 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:166 Resp: 30358

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	16.6	11.8	17.8



Instrument :
BNA_N
ClientSampleId :
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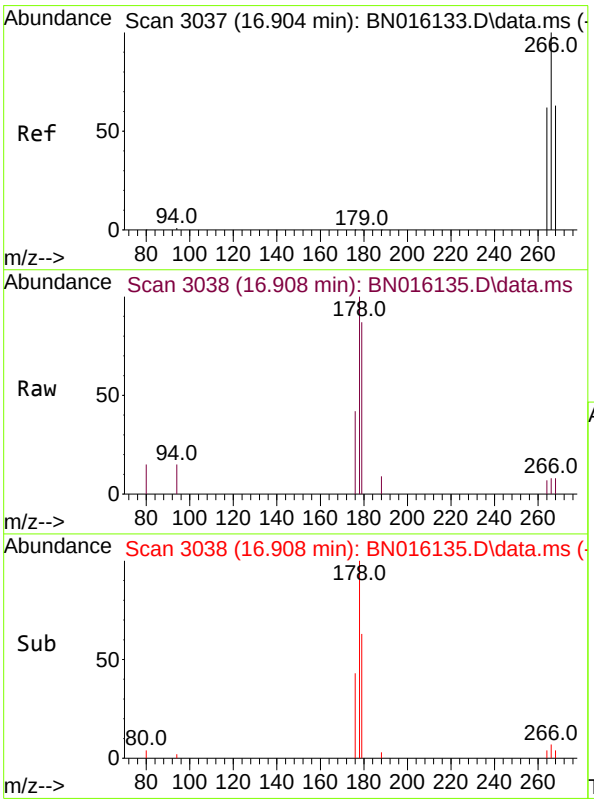
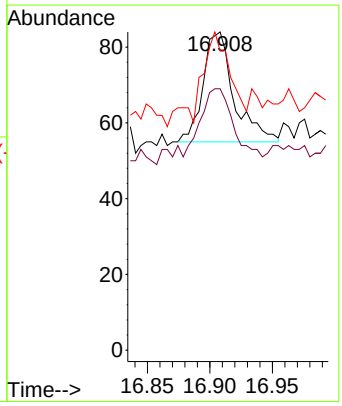
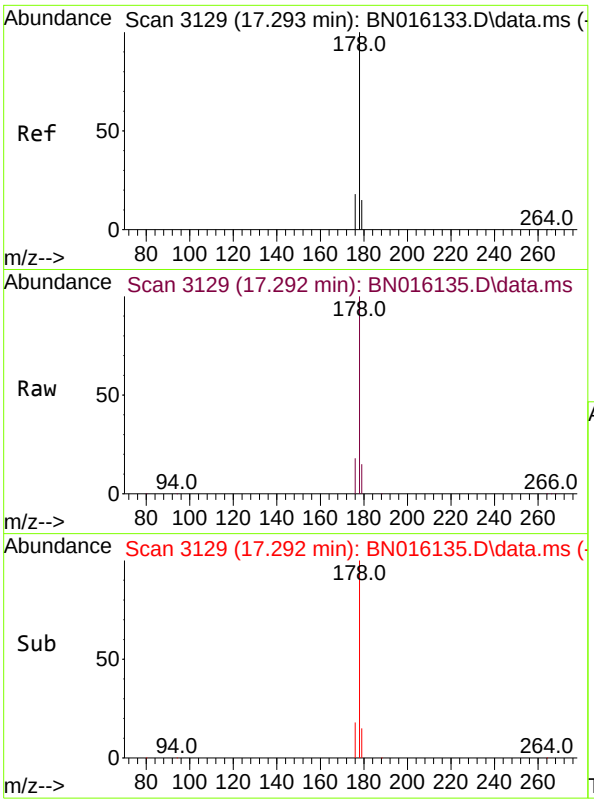


#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.908 min Scan# 3038
Delta R.T. 0.004 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:266 Resp: 50

Ion	Ratio	Lower	Upper
266	100		
264	66.0	50.3	75.5
268	70.0	51.4	77.2

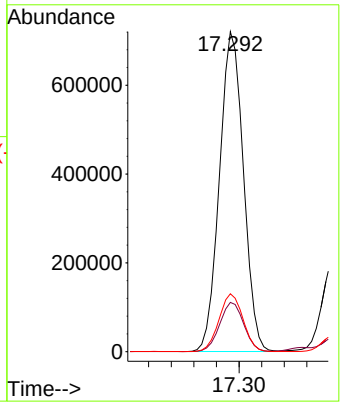


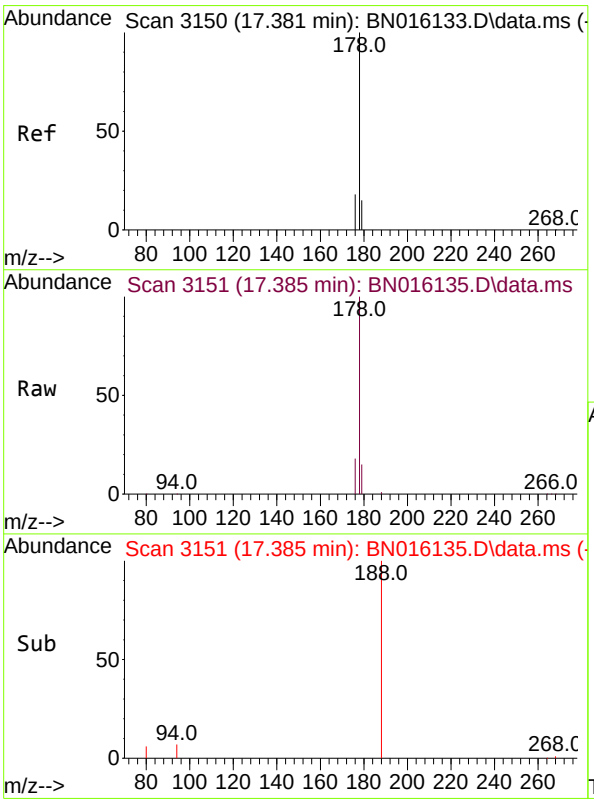


#15
Phenanthrene
Concen: 24.862 ng/ul
RT: 17.292 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:178 Resp: 1061540

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.1	15.2	22.8

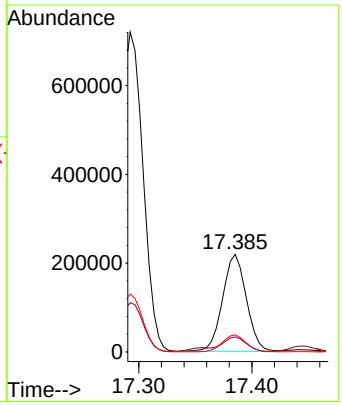




#16
Anthracene
Concen: 8.607 ng/ul
RT: 17.385 min Scan# 3151
Delta R.T. 0.004 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:178 Resp: 317458

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.3	19.9
176	17.5	14.9	22.3



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ClientSampleId :
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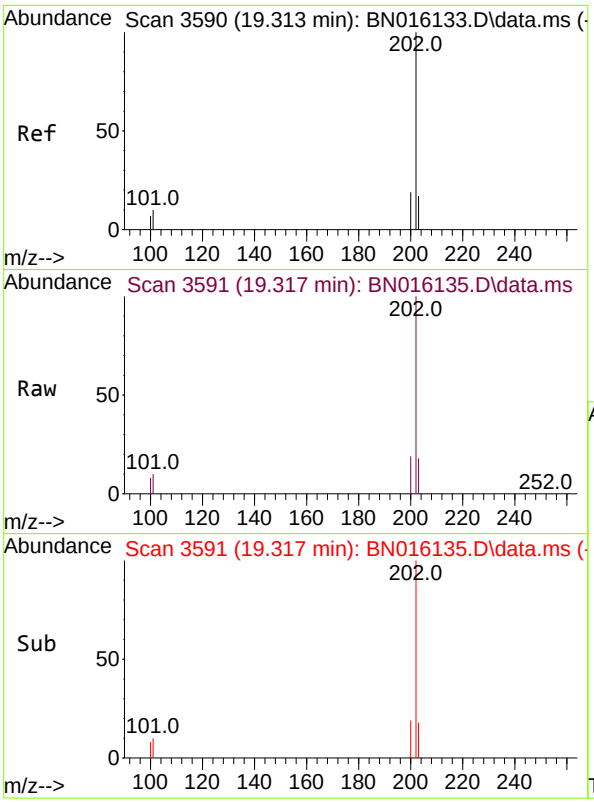
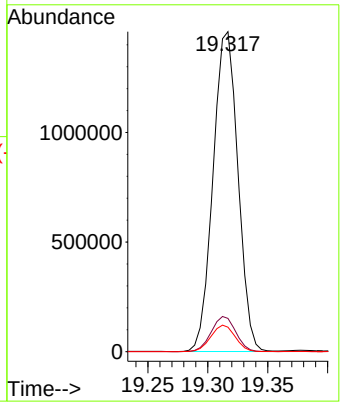
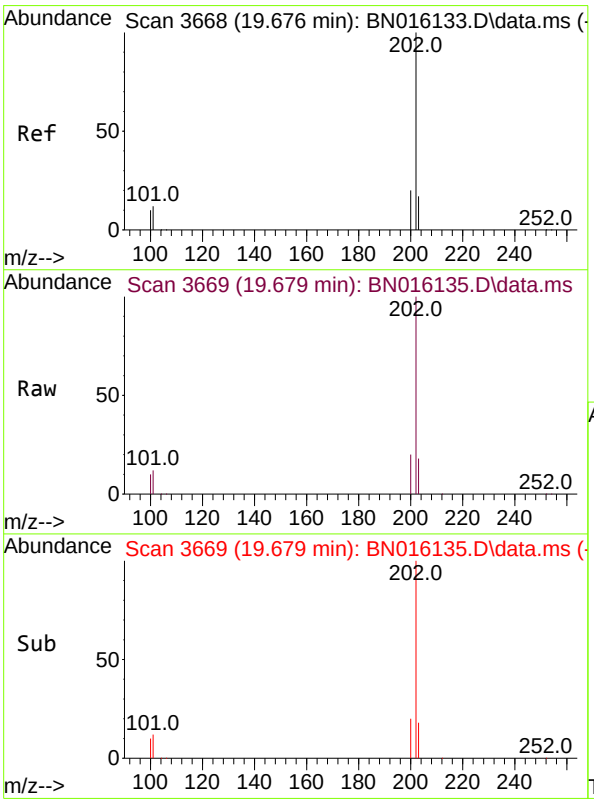


#19
Fluoranthene
Concen: 47.804 ng/ul
RT: 19.317 min Scan# 3591
Delta R.T. 0.004 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:202 Resp: 2110046

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.2	13.8
100	7.7	6.7	10.1

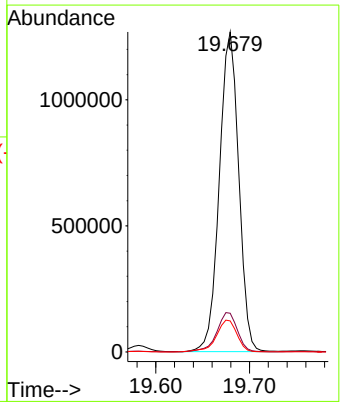




#20
Pyrene
Concen: 40.682 ng/ul
RT: 19.679 min Scan# 3669
Delta R.T. 0.004 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:202 Resp: 1818907

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.5	17.3
100	9.7	9.8	14.8#



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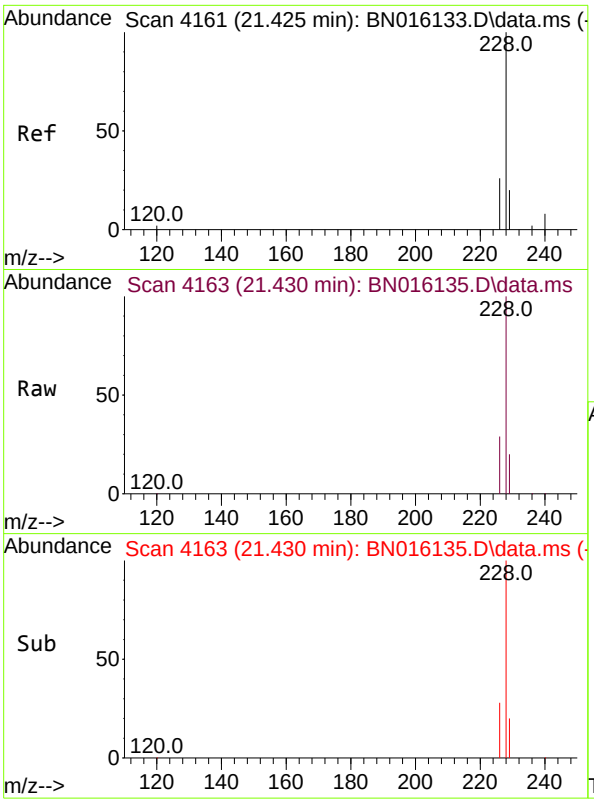
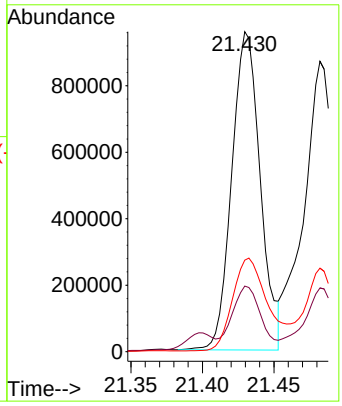


#21
Benzo(a)anthracene
Concen: 32.832 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. 0.005 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:228 Resp: 1330571

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	28.6	20.8	31.2



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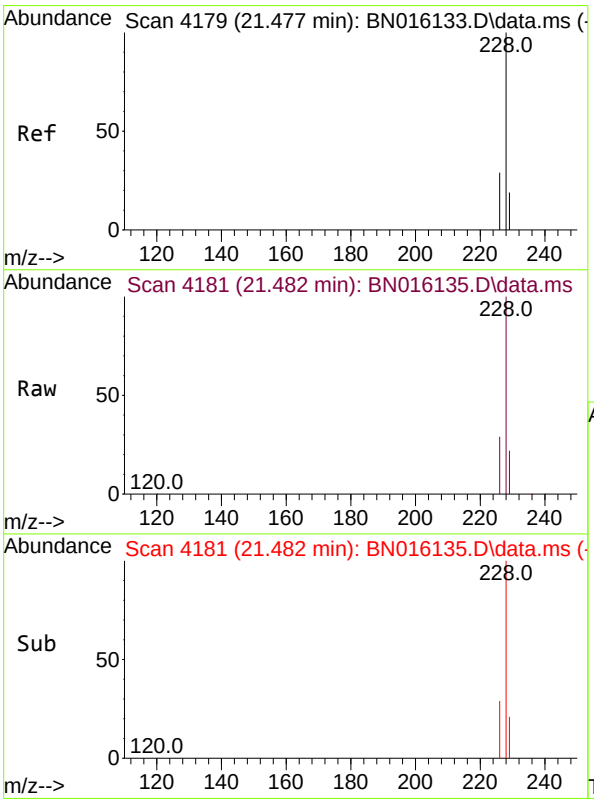
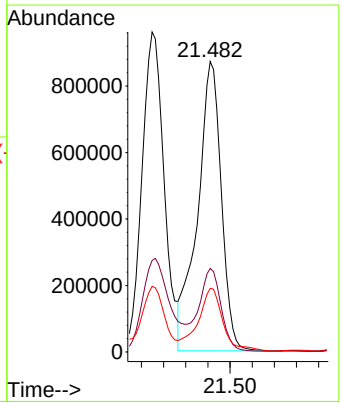
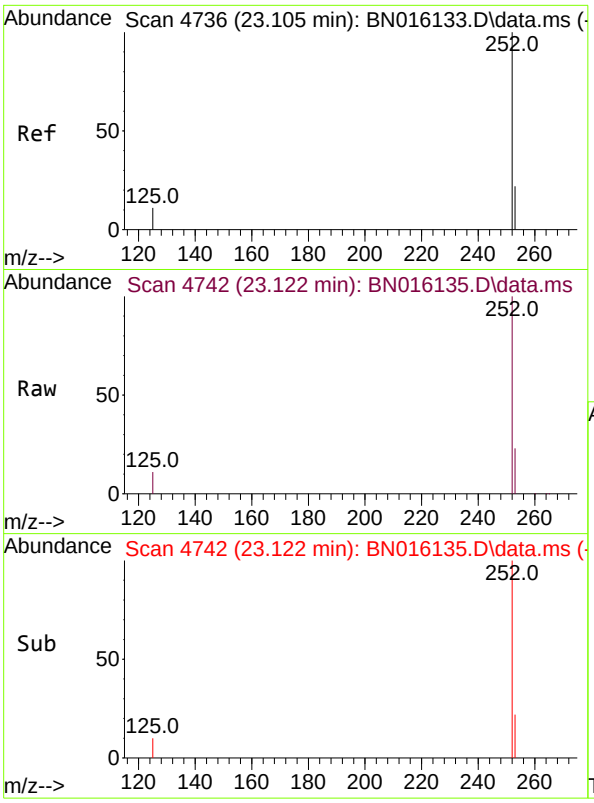


#22
Chrysene
Concen: 28.409 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. 0.005 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:228 Resp: 1300760

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.2	34.8
229	21.9	15.6	23.4

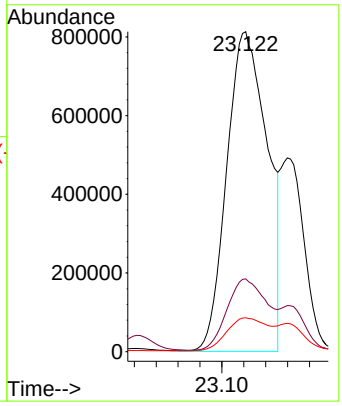


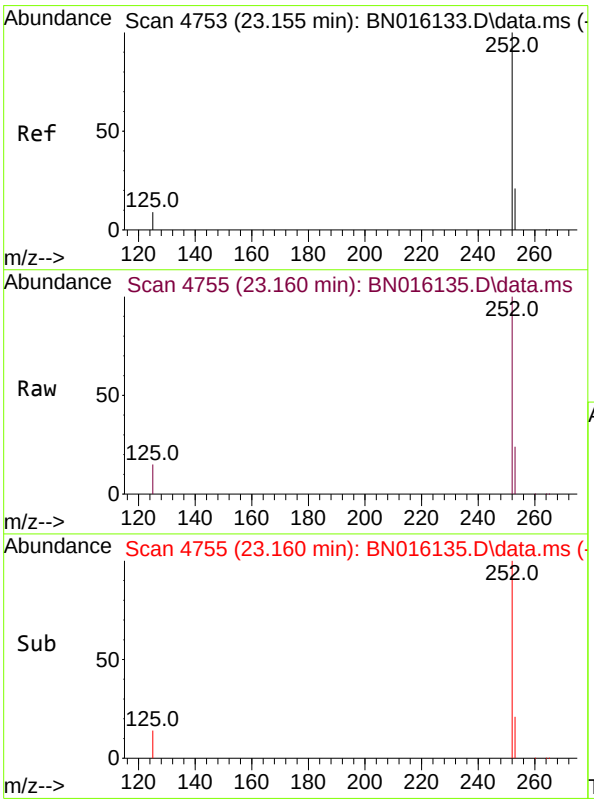


#24
Benzo(b)fluoranthene
Concen: 32.271 ng/ul m
RT: 23.122 min Scan# 4742
Delta R.T. 0.017 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:252 Resp: 2091464

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	49.4
125	10.6	0.0	27.0

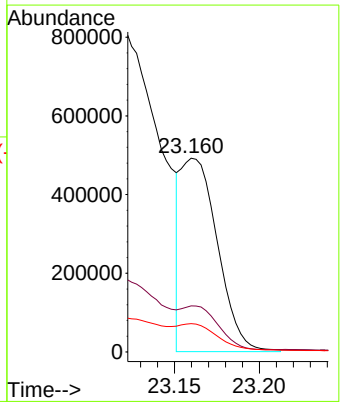




#25
Benzo(k)fluoranthene
Concen: 11.335 ng/ul m
RT: 23.160 min Scan# 4755
Delta R.T. 0.005 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:252 Resp: 738975

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.0
125	14.6	10.9	16.3



Instrument :
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ClientSampleId :
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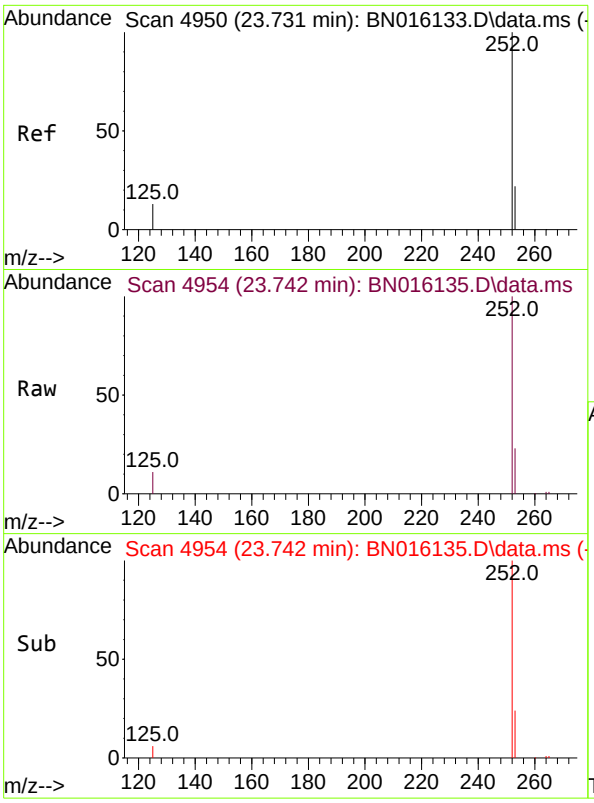
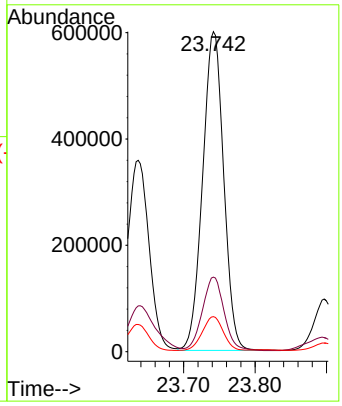


#26
Benzo(a)pyrene
Concen: 22.343 ng/ul
RT: 23.742 min Scan# 4954
Delta R.T. 0.011 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:252 Resp: 1228232

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.2	30.2
125	10.9	12.6	18.8#



Instrument :
BNA_N
ClientSampleId :
C0AS1

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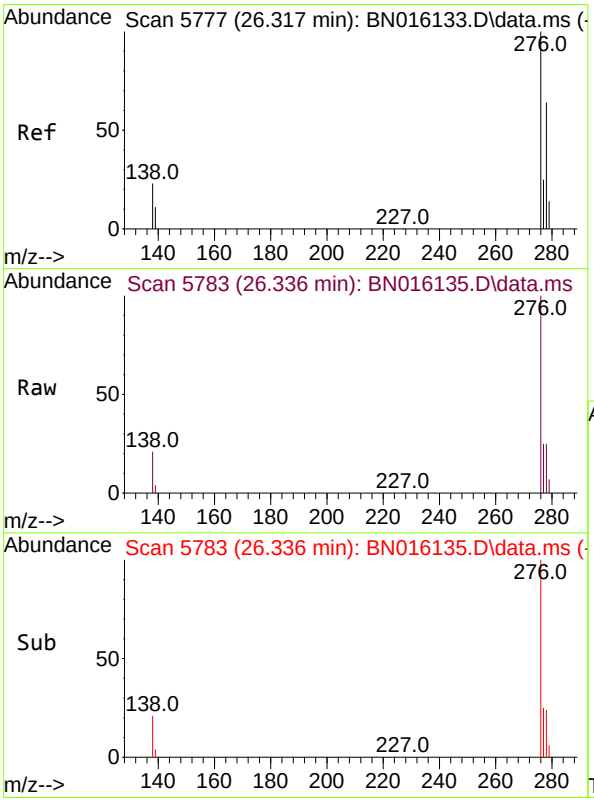
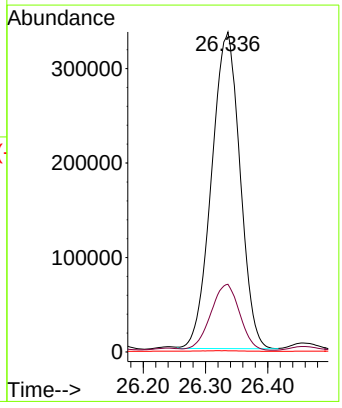
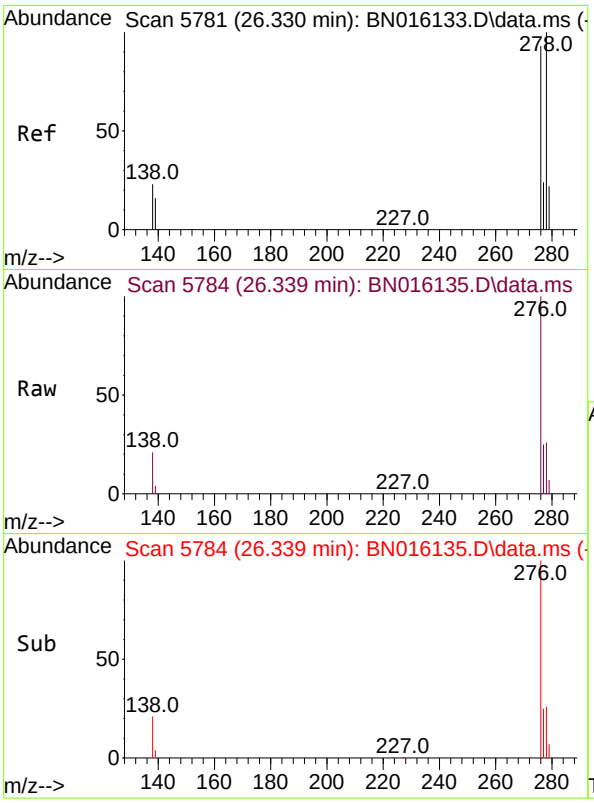


#27
Indeno(1,2,3-cd)pyrene
Concen: 14.951 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. 0.019 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:276 Resp: 1062033

Ion	Ratio	Lower	Upper
276	100		
138	21.2	22.7	34.1#
227	0.3	0.2	0.2#

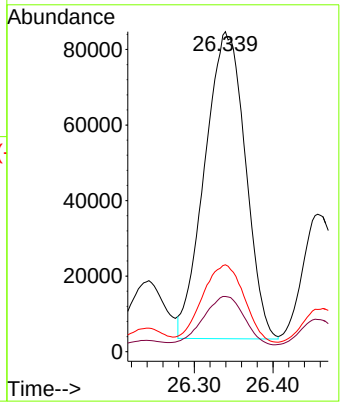


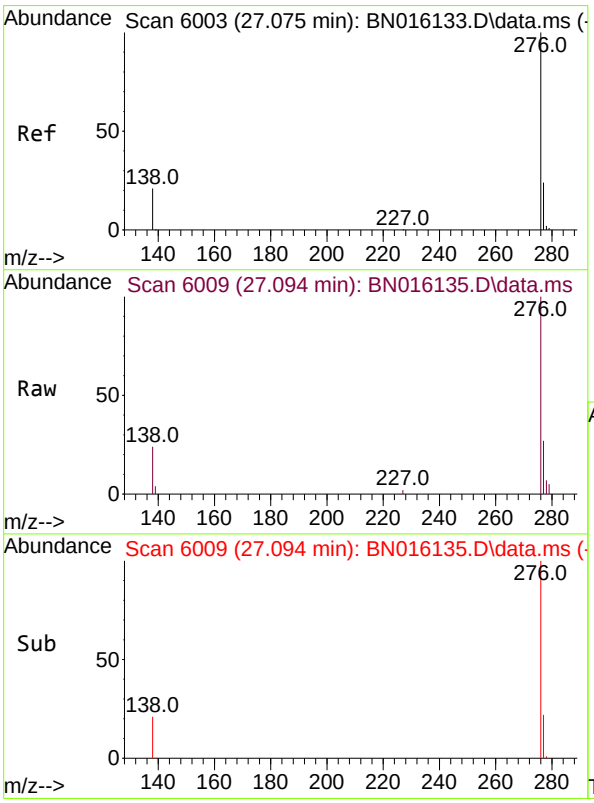


#28
Dibenzo(a,h)anthracene
Concen: 4.981 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. 0.009 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:278 Resp: 291544

Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.1	22.7
279	27.2	20.5	30.7

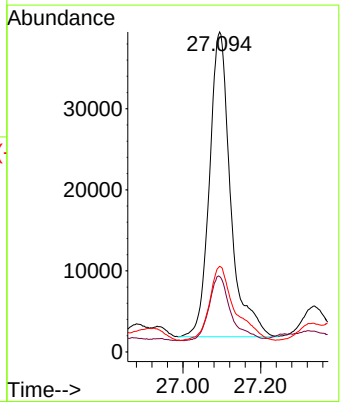




#29
Benzo(g,h,i)perylene
Concen: 2.298 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.019 min
Lab File: BN016135.D
Acq: 02 Sep 2021 13:51

Tgt Ion:276 Resp: 141675

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.3	28.9
277	26.8	19.8	29.8



Instrument :
BNA_N
ClientSampleId :
C0AS1

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