

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016171.D
 Acq On : 03 Sep 2021 12:14
 Operator : CG/JU
 Sample : M3472-03DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1DL

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

Quant Time: Sep 03 12:44:07 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	3058	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	12485	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	7174	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	14506	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	15402	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	15145	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2437	0.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	825	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	2697	0.065	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.716	128	9897	0.298	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	7828	0.361	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	6742	0.311	ng/ul	99
10) Acenaphthylene	14.224	152	6120	0.226	ng/ul	95
11) Acenaphthene	14.566	153	1902	0.084	ng/ul	98
12) Fluorene	15.552	166	3058	0.118	ng/ul#	95
15) Phenanthrene	17.293	178	51085	1.222	ng/ul	98
16) Anthracene	17.381	178	14734	0.408	ng/ul	99
19) Fluoranthene	19.313	202	69541	1.356	ng/ul	97
20) Pyrene	19.676	202	60242	1.159	ng/ul#	94
21) Benzo(a)anthracene	21.425	228	39279	0.834	ng/ul	97
22) Chrysene	21.477	228	36842	0.692	ng/ul	97
24) Benzo(b)fluoranthene	23.108	252	56107m	0.985	ng/ul	
25) Benzo(k)fluoranthene	23.149	252	17154m	0.299	ng/ul	
26) Benzo(a)pyrene	23.725	252	37679	0.780	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.307	276	27251	0.436	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.317	278	6749	0.131	ng/ul#	80
29) Benzo(g,h,i)perylene	27.072	276	24570	0.453	ng/ul	99

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

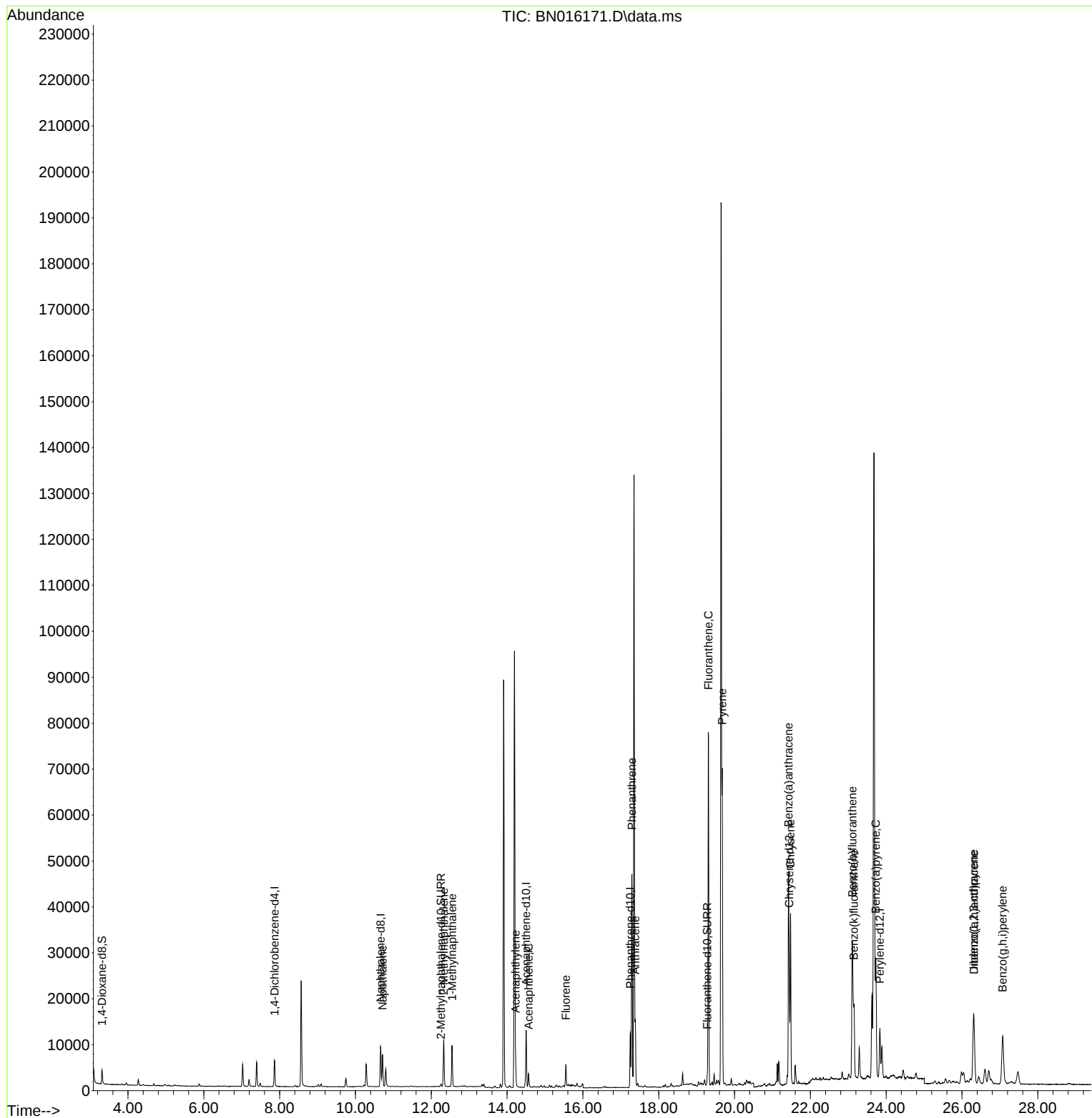
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016171.D
Acq On : 03 Sep 2021 12:14
Operator : CG/JU
Sample : M3472-03DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

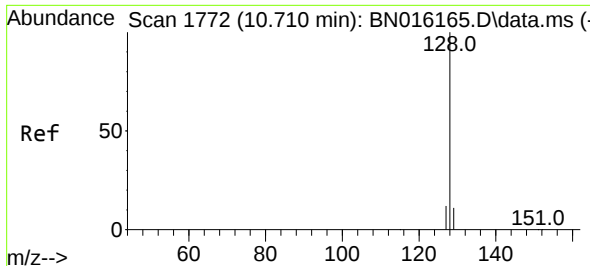
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ClientSampleId :
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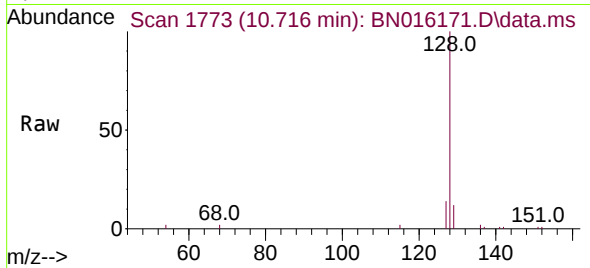
mohammad
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Quant Time: Sep 03 12:44:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

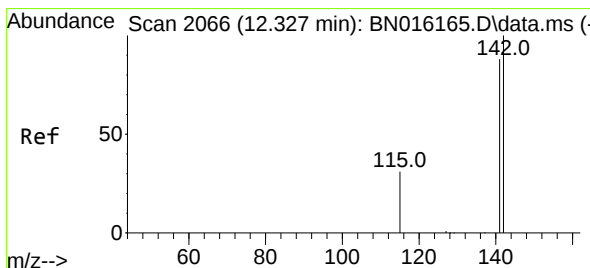
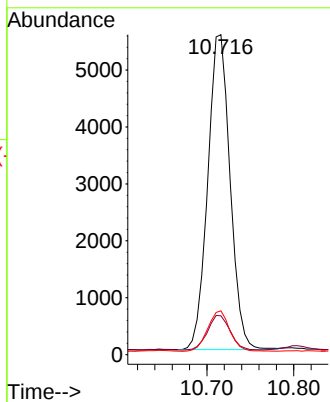
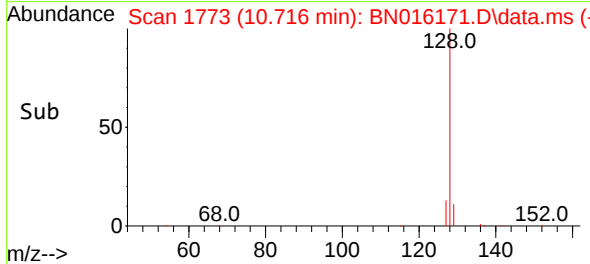




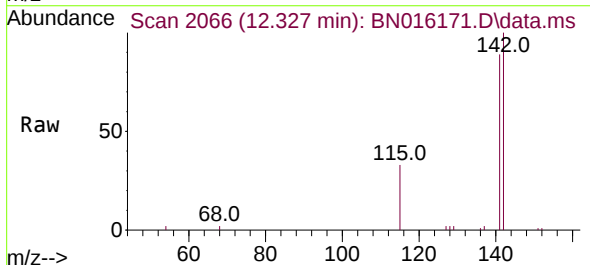
#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



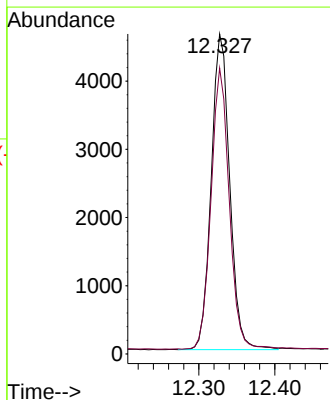
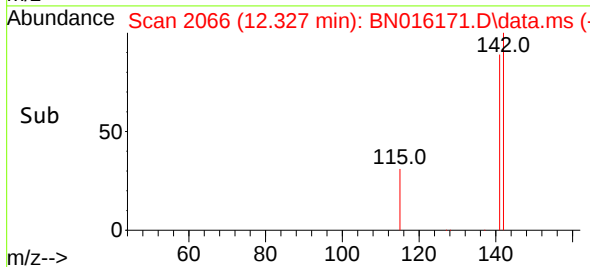
Tgt Ion:128 Resp: 9897
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.2
127 13.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



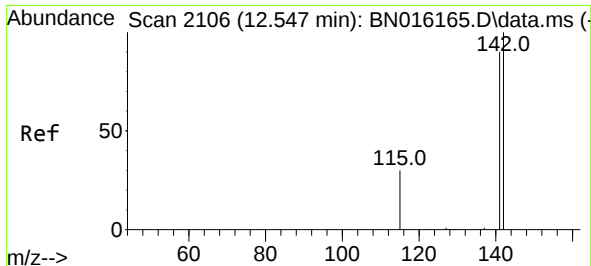
Tgt Ion:142 Resp: 7828
Ion Ratio Lower Upper
142 100
141 87.7 69.5 104.3



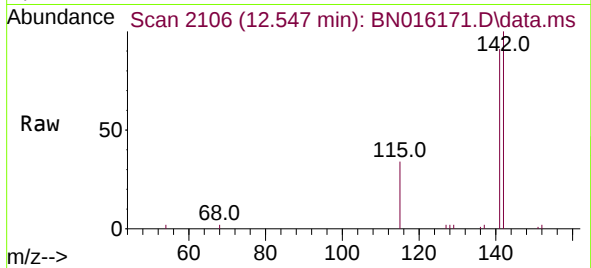
Instrument :
BNA_N
ClientSampleId :
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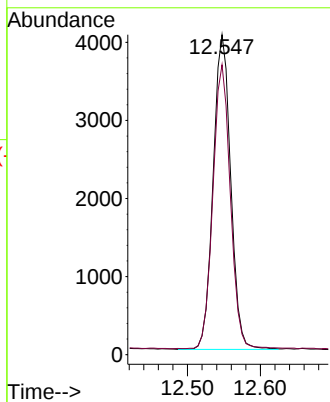
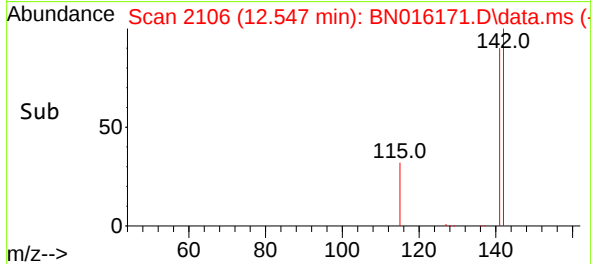
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#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



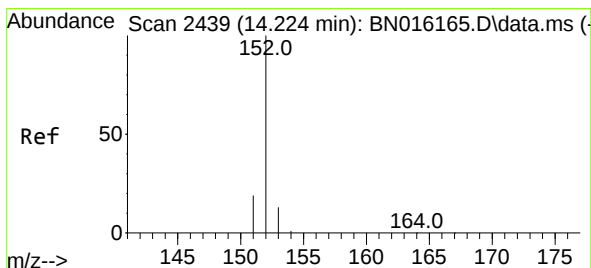
Tgt Ion:142 Resp: 6742
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4



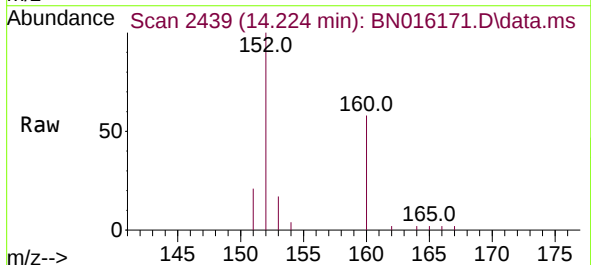
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ClientSampleId :
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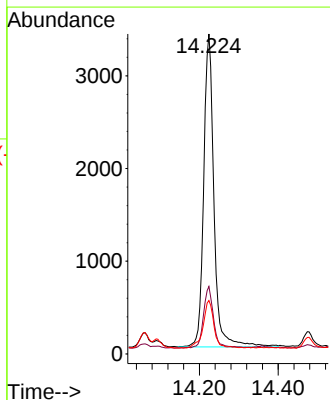
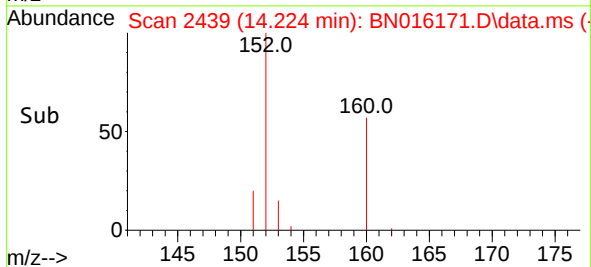
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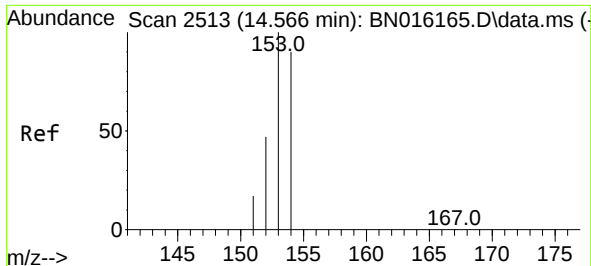


#10
Acenaphthylene
Concen: 0.226 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



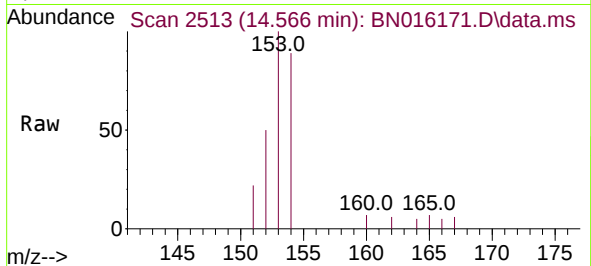
Tgt Ion:152 Resp: 6120
Ion Ratio Lower Upper
152 100
151 21.1 15.8 23.6
153 16.7 11.2 16.8





#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14

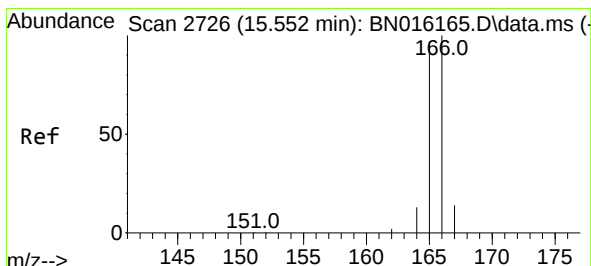
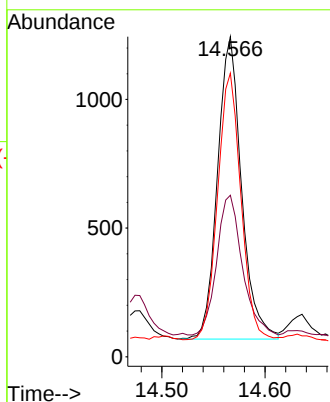
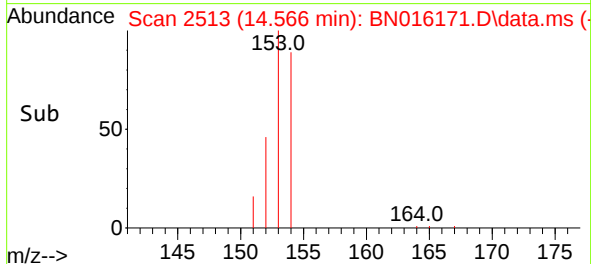
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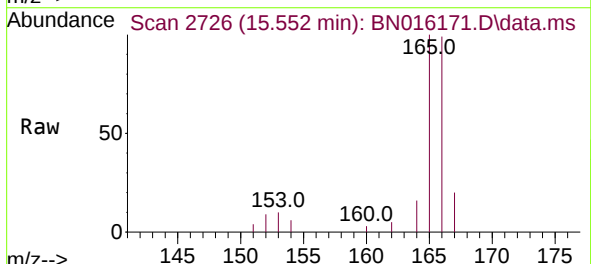
Tgt Ion:153 Resp: 1902
Ion Ratio Lower Upper
153 100
152 50.5 38.5 57.7
154 88.6 71.3 106.9

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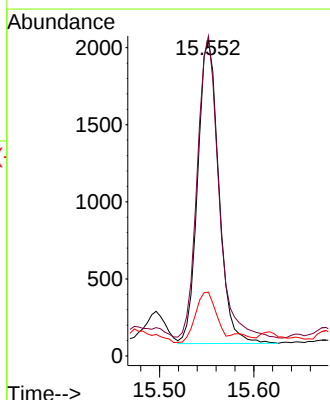
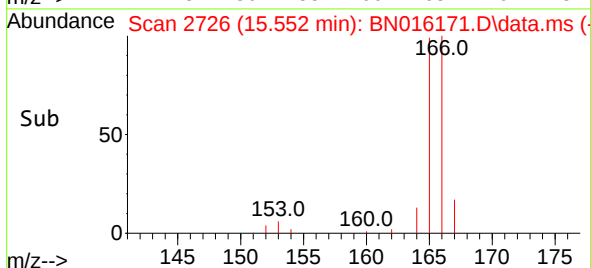
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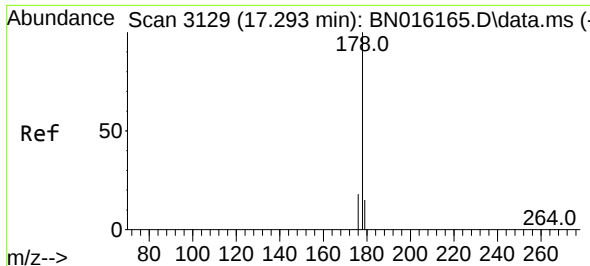


#12
Fluorene
Concen: 0.118 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



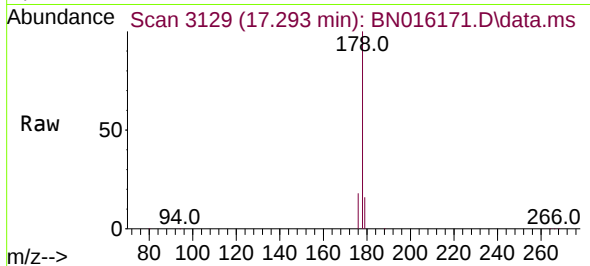
Tgt Ion:166 Resp: 3058
Ion Ratio Lower Upper
166 100
165 101.4 77.9 116.9
167 20.2 11.8 17.8#





#15
Phenanthrene
Concen: 1.222 ng/ul
RT: 17.293 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14

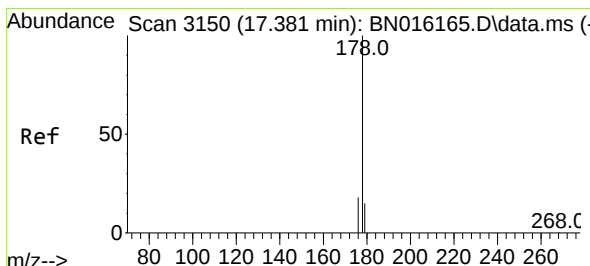
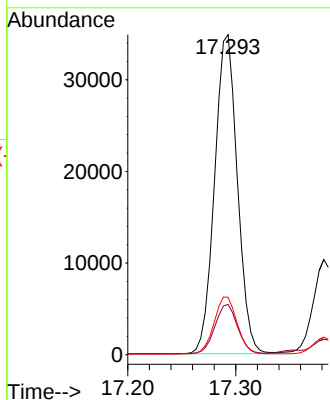
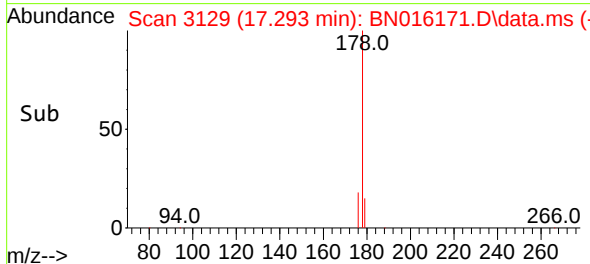
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BNA_N
ClientSampleID :
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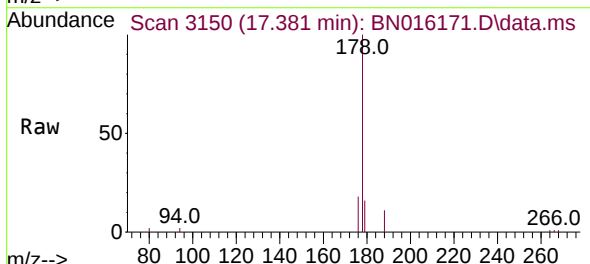
Tgt Ion:178 Resp: 51085
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 17.9 15.2 22.8

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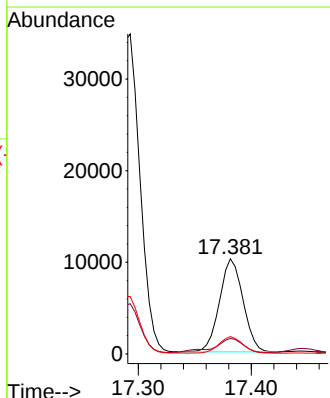
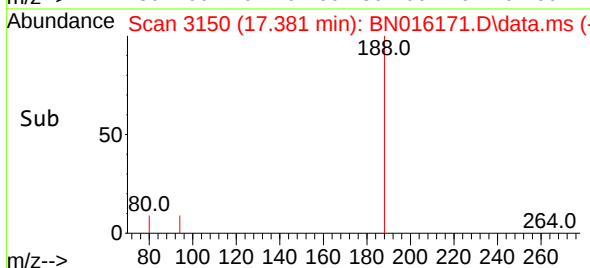
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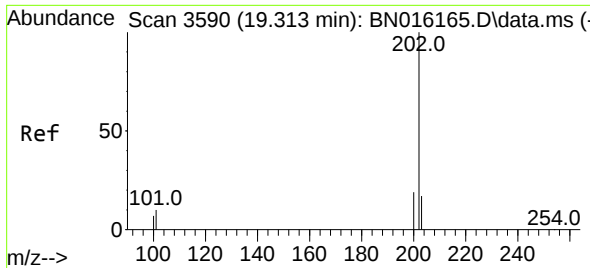


#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



Tgt Ion:178 Resp: 14734
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 18.3 14.9 22.3





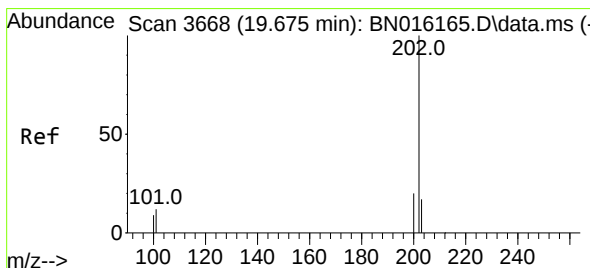
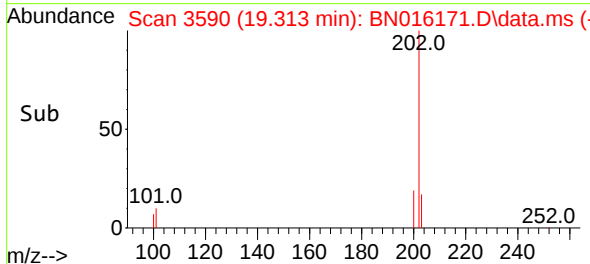
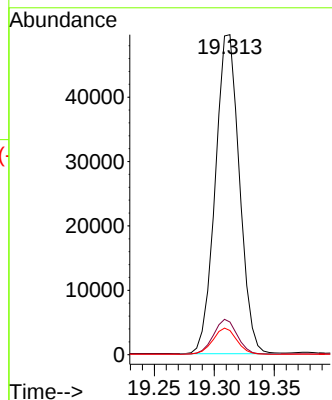
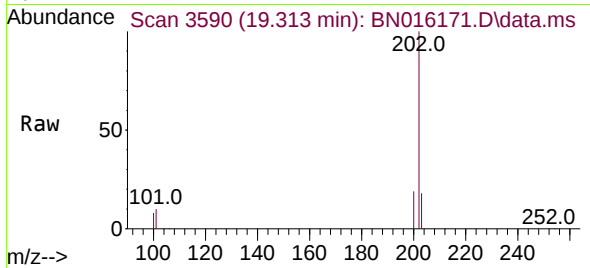
#19
Fluoranthene
Concen: 1.356 ng/ul
RT: 19.313 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14

Tgt Ion:202 Resp: 69541
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 7.6 6.7 10.1

Instrument :
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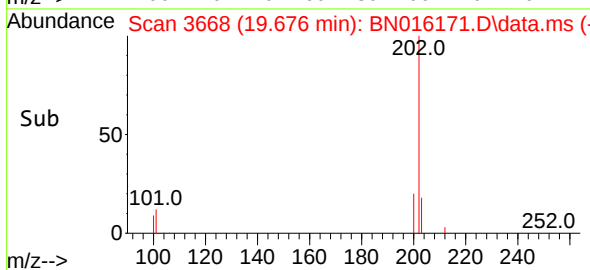
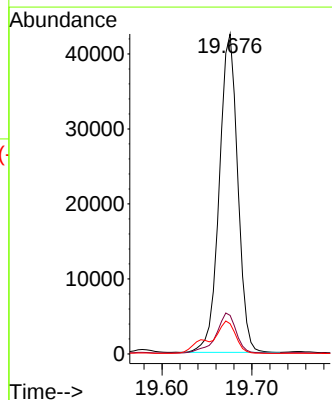
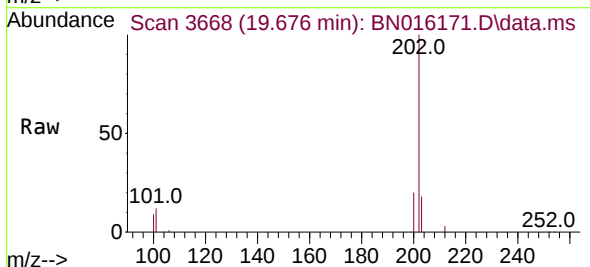
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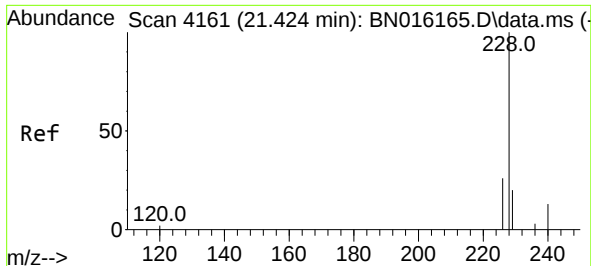
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#20
Pyrene
Concen: 1.159 ng/ul
RT: 19.676 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14

Tgt Ion:202 Resp: 60242
Ion Ratio Lower Upper
202 100
101 12.0 11.5 17.3
100 9.4 9.8 14.8#





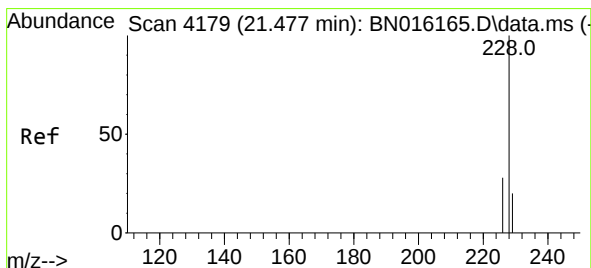
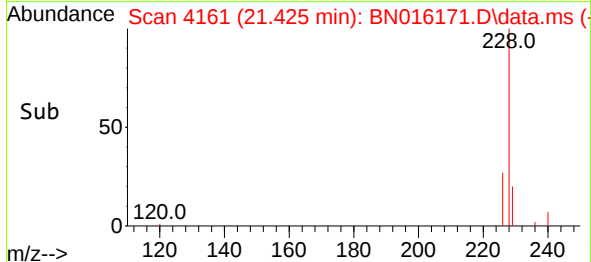
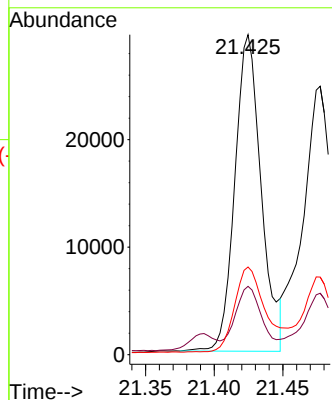
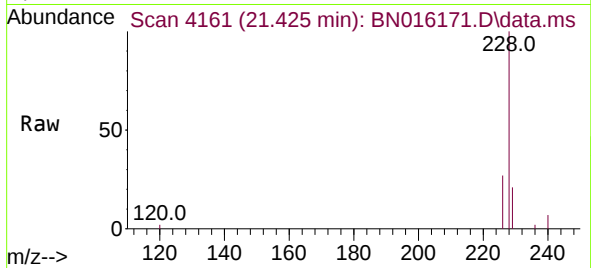
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Benzo(a)anthracene
Concen: 0.834 ng/ul
RT: 21.425 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14

Tgt Ion:228 Resp: 39279
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 27.4 20.8 31.2

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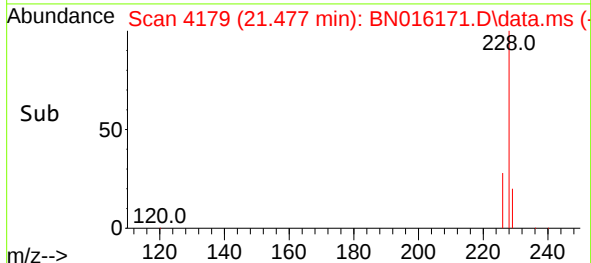
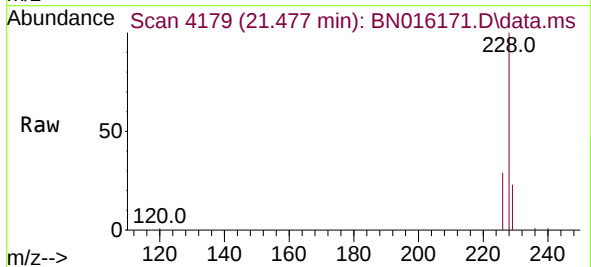
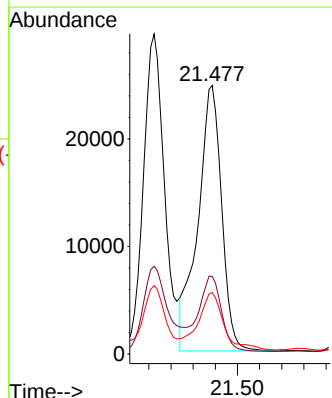
Manual Integrations
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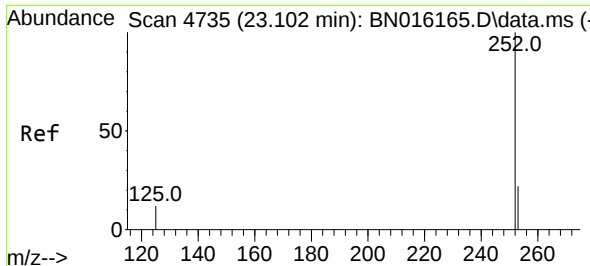
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#22
Chrysene
Concen: 0.692 ng/ul
RT: 21.477 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14

Tgt Ion:228 Resp: 36842
Ion Ratio Lower Upper
228 100
226 28.9 23.2 34.8
229 22.9 15.6 23.4





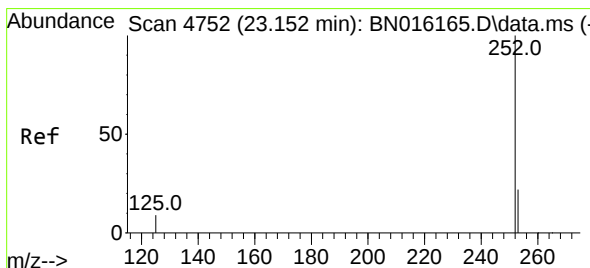
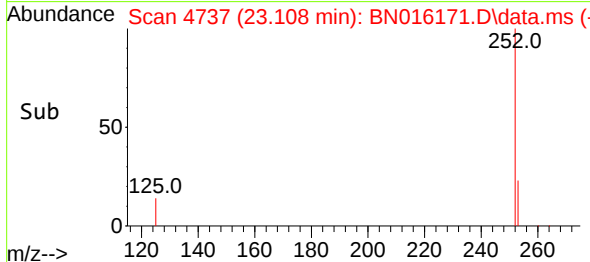
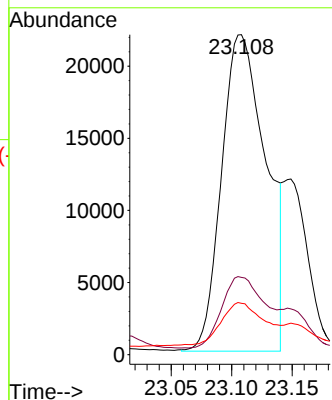
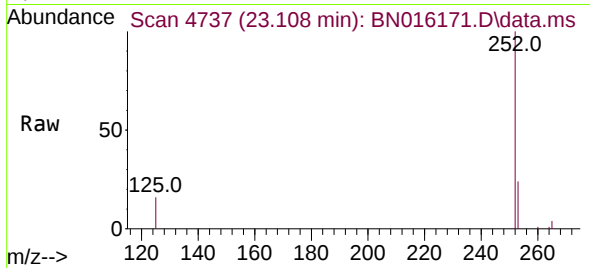
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Benzo(b)fluoranthene
Concen: 0.985 ng/ul m
RT: 23.108 min Scan# 4737
Delta R.T. 0.003 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	49.4
125	16.1	0.0	27.0

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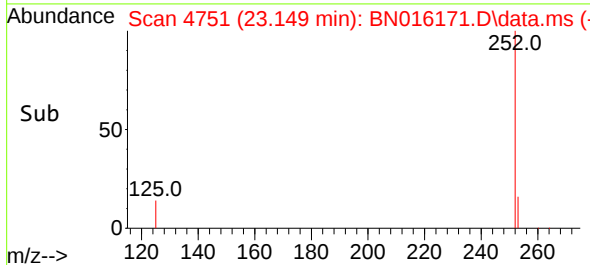
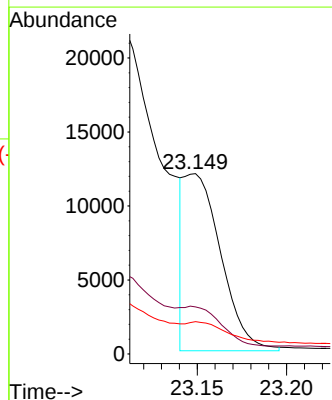
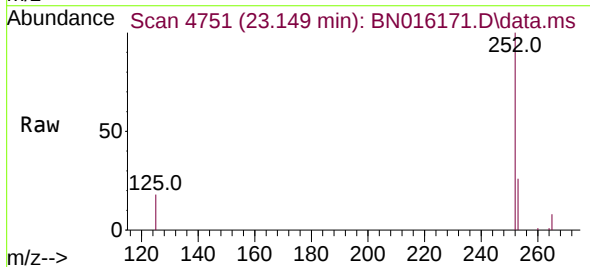
Manual Integrations
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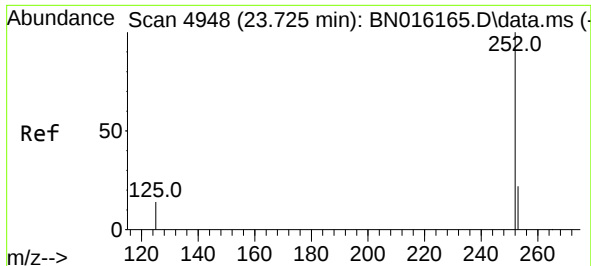
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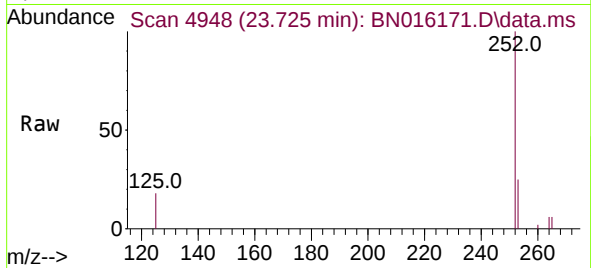
#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul m
RT: 23.149 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.4	29.0
125	17.9	10.9	16.3

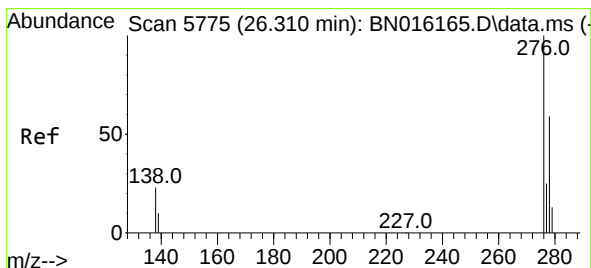
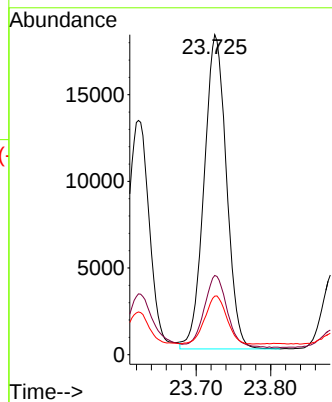
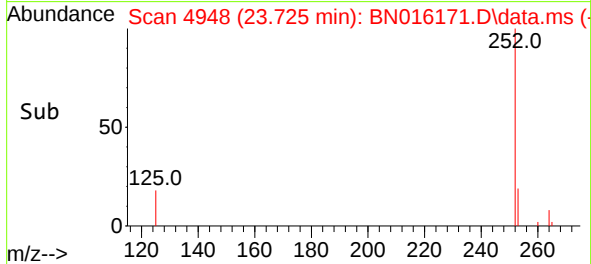




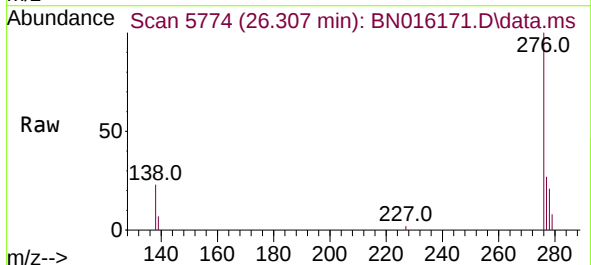
#26
Benzo(a)pyrene
Concen: 0.780 ng/ul
RT: 23.725 min Scan# 4948
Delta R.T. -0.006 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



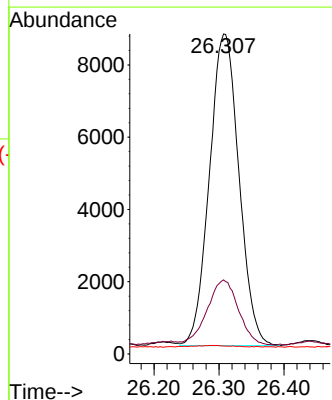
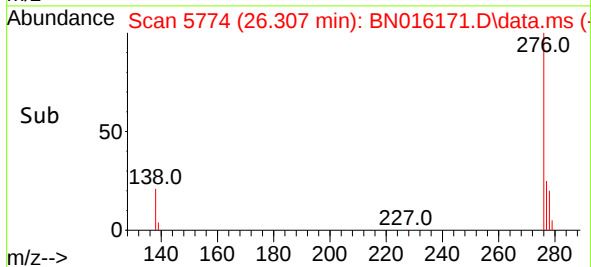
Tgt Ion:252 Resp: 37679
Ion Ratio Lower Upper
252 100
253 24.7 20.2 30.2
125 18.3 12.6 18.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 26.307 min Scan# 5774
Delta R.T. -0.010 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



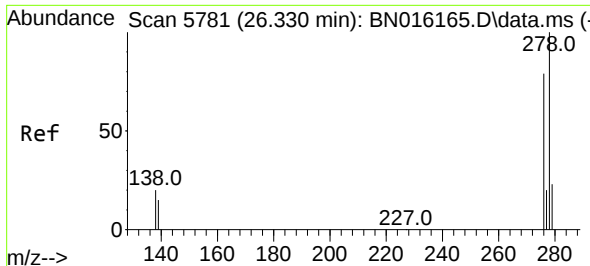
Tgt Ion:276 Resp: 27251
Ion Ratio Lower Upper
276 100
138 22.3 22.7 34.1#
227 0.0 0.2 0.2#



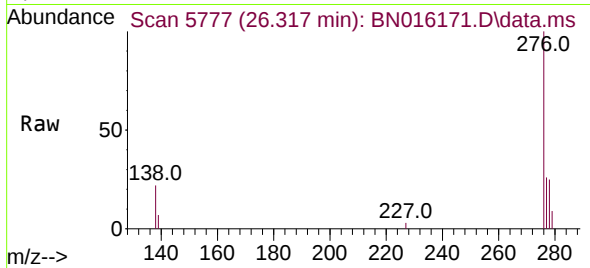
Instrument :
BNA_N
ClientSampleID :
C0AC1DL

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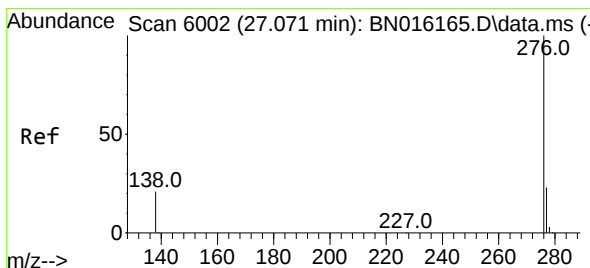
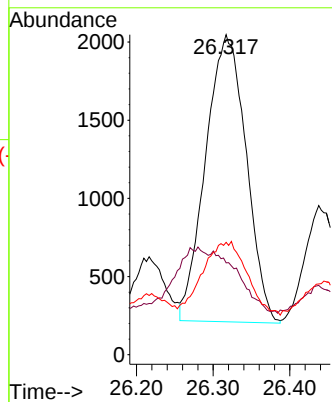
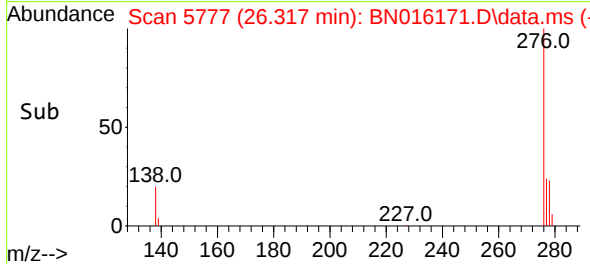
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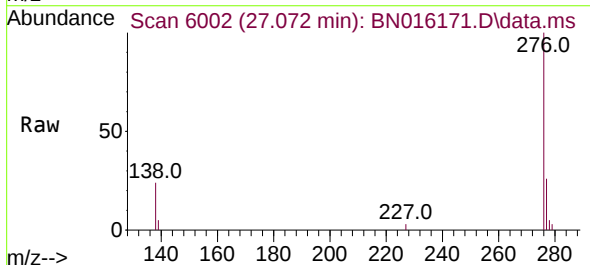
#28
Dibenzo(a,h)anthracene
Concen: 0.131 ng/ul
RT: 26.317 min Scan# 5777
Delta R.T. -0.013 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



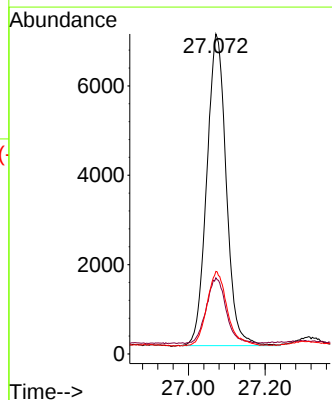
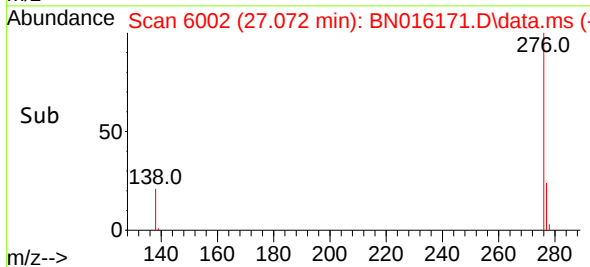
Tgt Ion: 278 Resp: 6749
Ion Ratio Lower Upper
278 100
139 28.7 15.1 22.7#
279 35.1 20.5 30.7#



#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 27.072 min Scan# 6002
Delta R.T. -0.003 min
Lab File: BN016171.D
Acq: 03 Sep 2021 12:14



Tgt Ion: 276 Resp: 24570
Ion Ratio Lower Upper
276 100
138 23.8 19.3 28.9
277 25.8 19.8 29.8



Instrument :
BNA_N
ClientSampled :
C0AC1DL

Manual Integrations
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