

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016178.D
 Acq On : 03 Sep 2021 17:06
 Operator : CG/JU
 Sample : M3472-02
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:32:49 AM

Quant Time: Sep 03 17:36:15 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 : Fri Sep 03 17:05:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	2310	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	9747	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.506	164	6182	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	11963	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	12270	0.400	ng/ul	0.00
23) Perylene-d12	23.839	264	11754	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	7509	2.793	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	2611	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	7677	0.233	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	70090	2.701	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	60996	3.602	ng/ul	100
8) 1-Methylnaphthalene	12.547	142	49120	2.907	ng/ul	100
10) Acenaphthylene	14.224	152	20268	0.867	ng/ul#	96
11) Acenaphthene	14.566	153	1644	0.084	ng/ul#	90
12) Fluorene	15.556	166	3926	0.175	ng/ul#	85
15) Phenanthrene	17.293	178	108696	3.153	ng/ul	98
16) Anthracene	17.386	178	14365	0.482	ng/ul	99
19) Fluoranthene	19.313	202	63492	1.554	ng/ul	99
20) Pyrene	19.675	202	91864	2.219	ng/ul	95
21) Benzo(a)anthracene	21.427	228	60431	1.611	ng/ul	92
22) Chrysene	21.480	228	79225	1.869	ng/ul	97
24) Benzo(b)fluoranthene	23.111	252	86623m	1.959	ng/ul	
25) Benzo(k)fluoranthene	23.149	252	26438m	0.594	ng/ul	
26) Benzo(a)pyrene	23.731	252	58346	1.555	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.317	276	36054	0.744	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.323	278	12616	0.316	ng/ul#	81
29) Benzo(g,h,i)perylene	27.085	276	39786	0.945	ng/ul	98

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

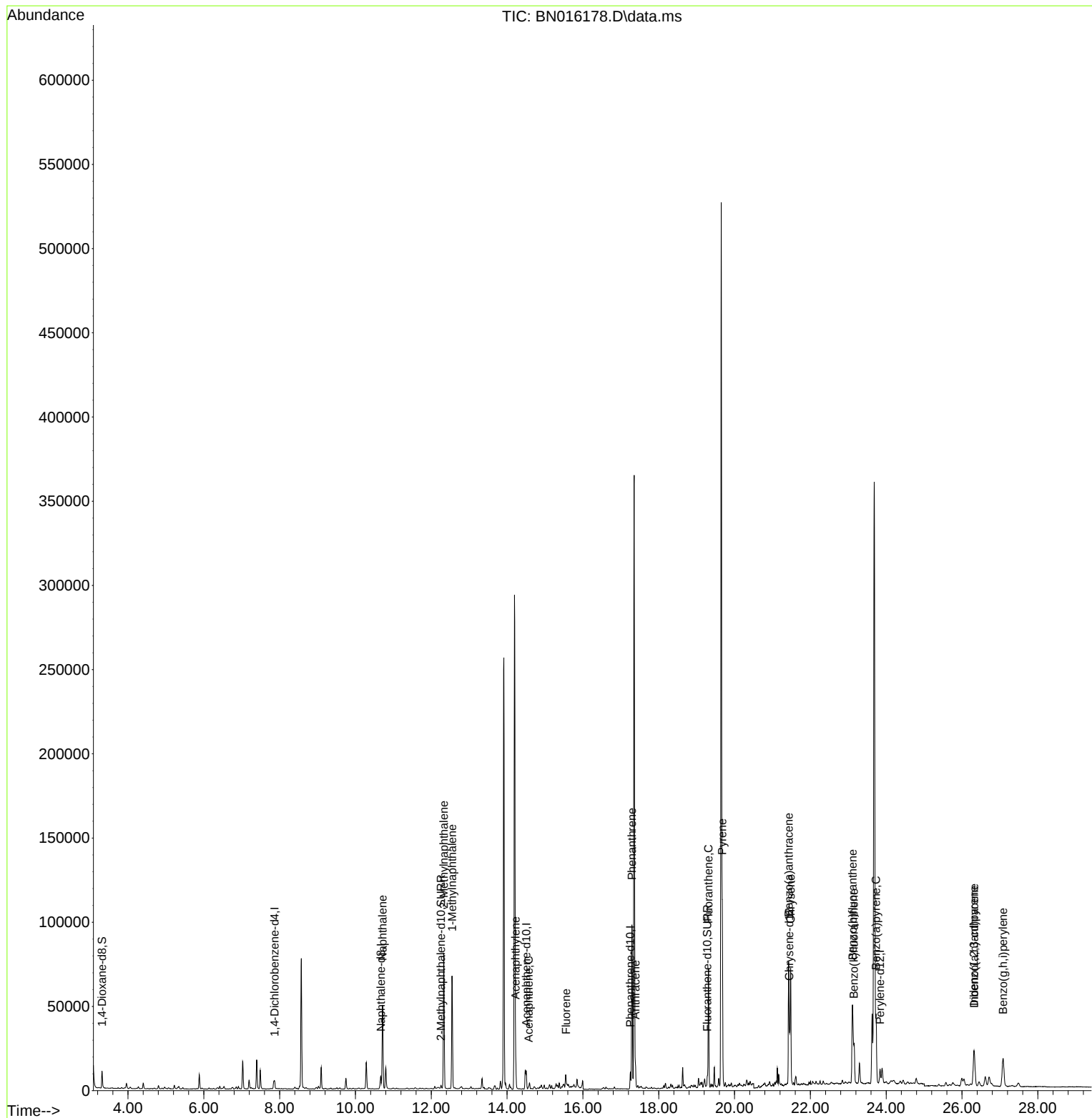
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016178.D
Acq On : 03 Sep 2021 17:06
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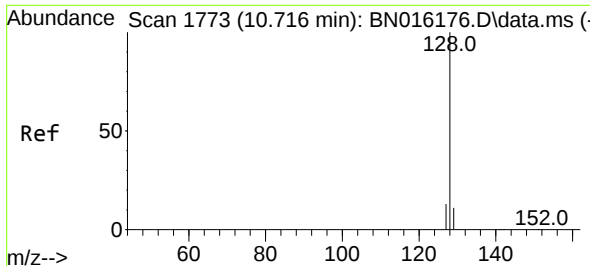
Instrument :
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ClientSampleId :
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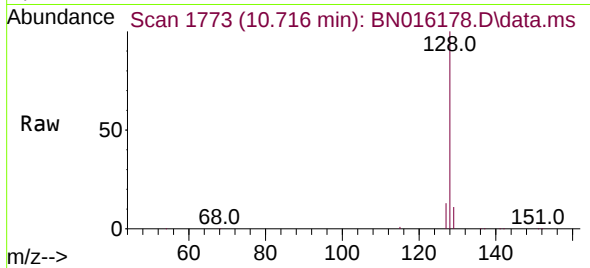
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Quant Time: Sep 03 17:36:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 17:05:08 2021
Response via : Initial Calibration

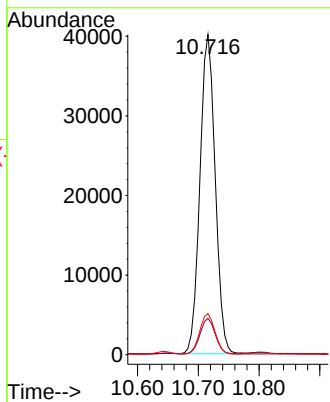
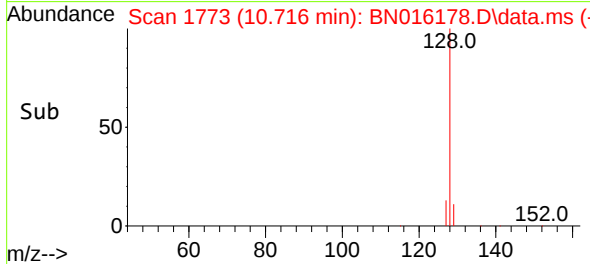




#5
Naphthalene
Concen: 2.701 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06



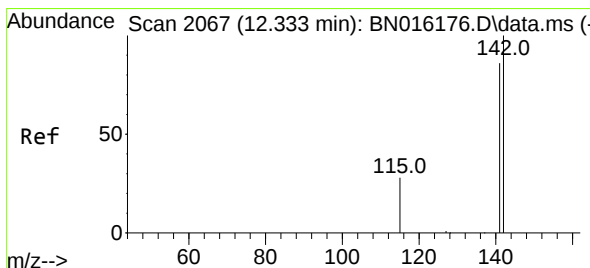
Tgt Ion:128 Resp: 70090
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 12.9 10.6 15.8



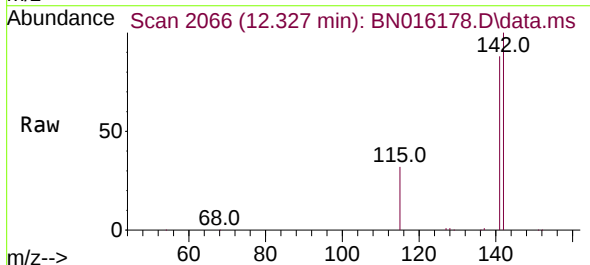
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BNA_N
ClientSampled :
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Manual Integrations
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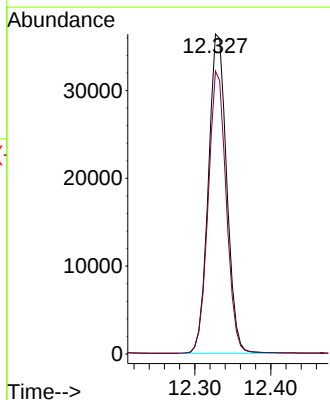
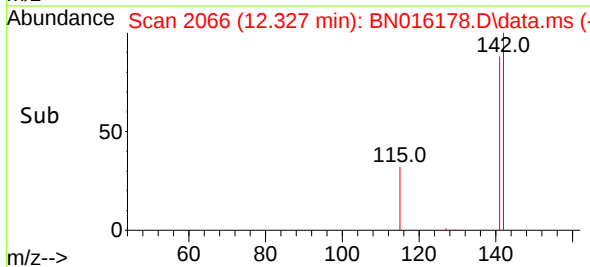
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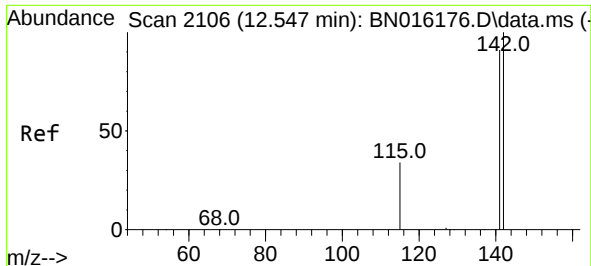


#7
2-Methylnaphthalene
Concen: 3.602 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06

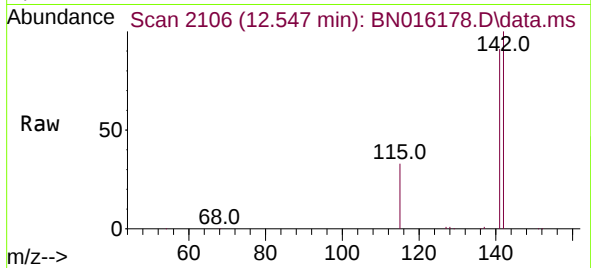


Tgt Ion:142 Resp: 60996
Ion Ratio Lower Upper
142 100
141 87.2 69.5 104.3

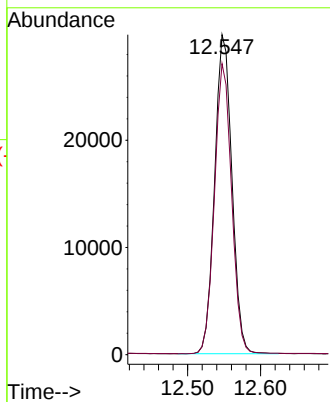
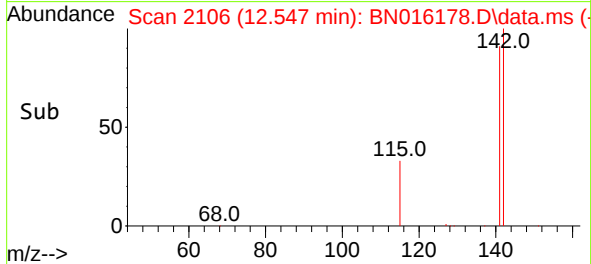




#8
1-Methylnaphthalene
Concen: 2.907 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06



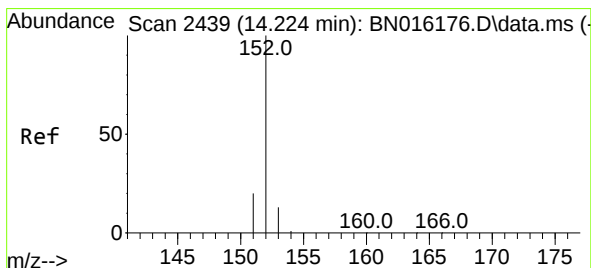
Tgt Ion:142 Resp: 49120
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.4



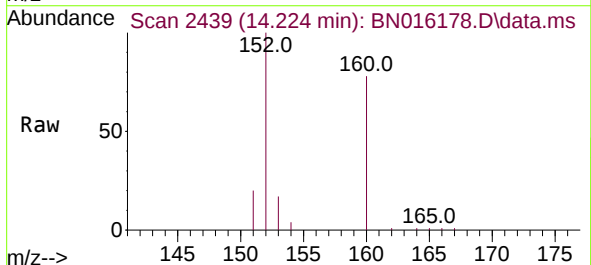
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BNA_N
ClientSampled :
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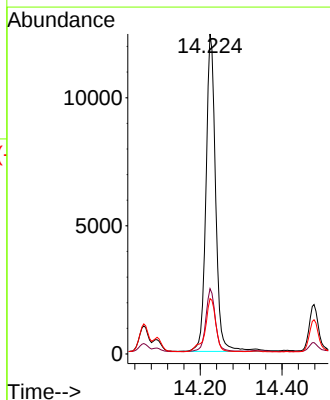
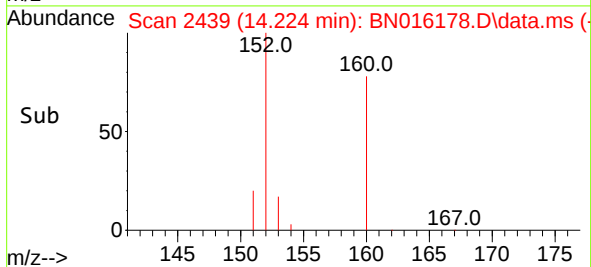
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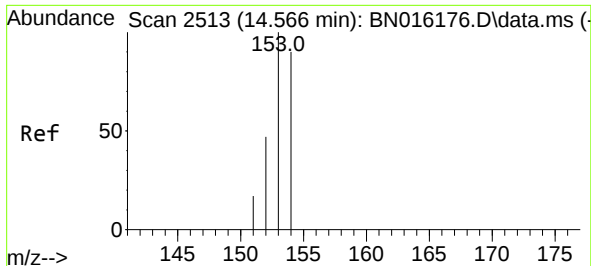


#10
Acenaphthylene
Concen: 0.867 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06



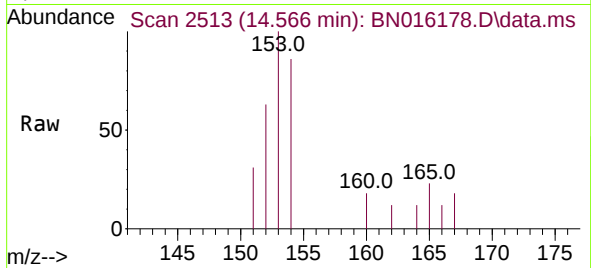
Tgt Ion:152 Resp: 20268
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 17.3 11.2 16.8#



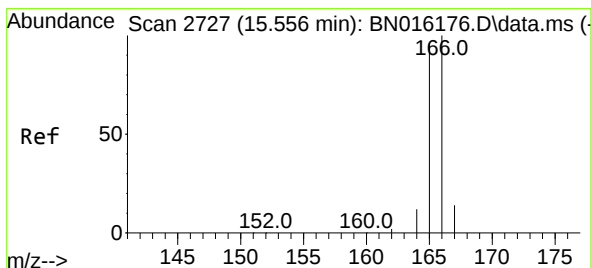
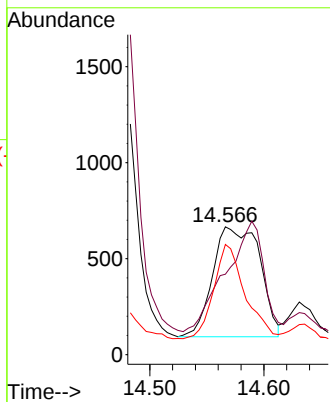
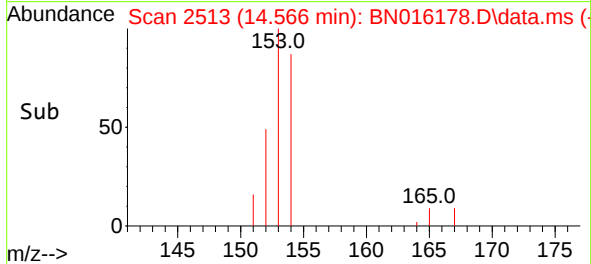


#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06

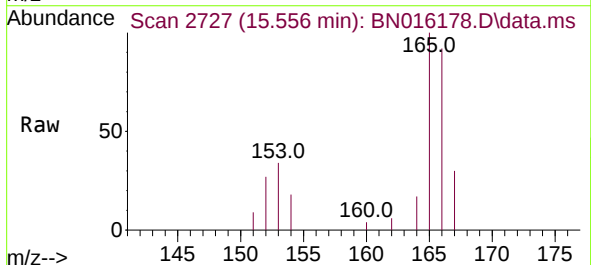
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BNA_N
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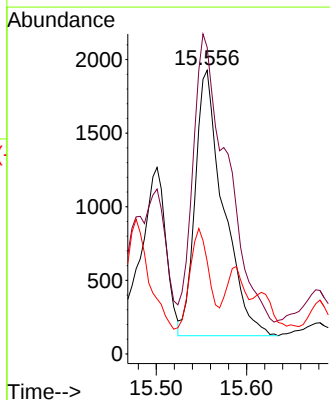
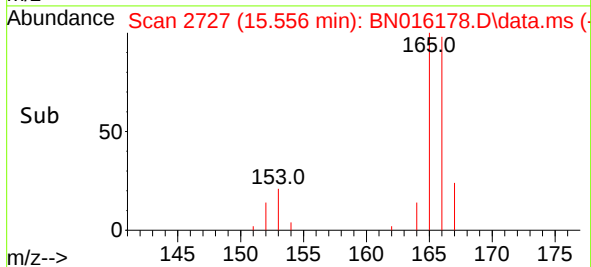
Tgt Ion:153 Resp: 1644
Ion Ratio Lower Upper
153 100
152 62.9 38.5 57.7#
154 86.2 71.3 106.9

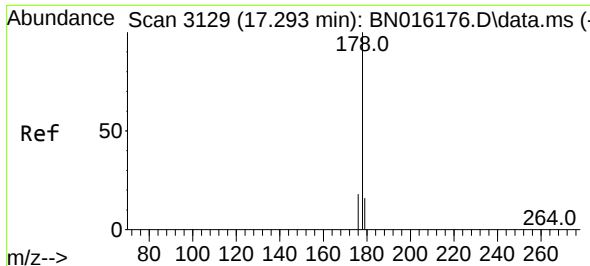


#12
Fluorene
Concen: 0.175 ng/ul
RT: 15.556 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06



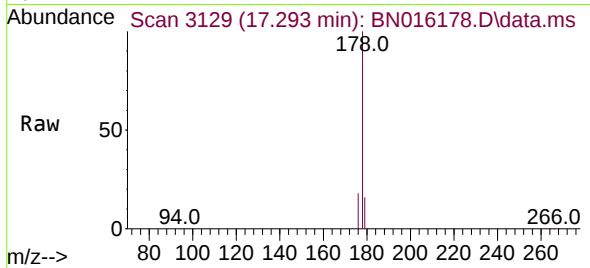
Tgt Ion:166 Resp: 3926
Ion Ratio Lower Upper
166 100
165 108.1 77.9 116.9
167 32.7 11.8 17.8#





#15
Phenanthrene
Concen: 3.153 ng/u1
RT: 17.293 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06

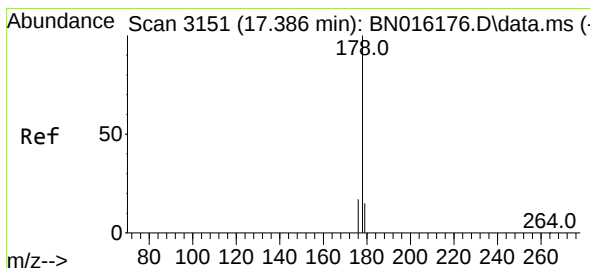
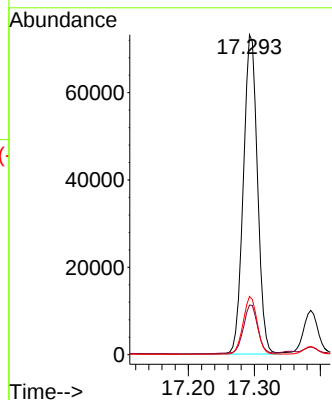
Instrument :
BNA_N
ClientSampled :
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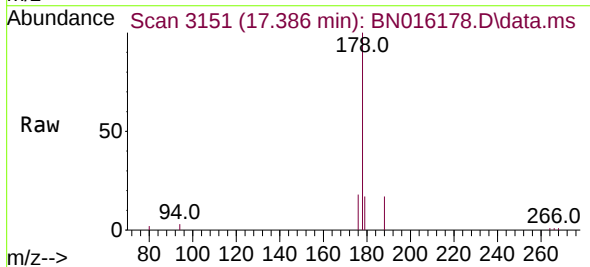
Tgt Ion:178 Resp: 108696
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 18.2 15.2 22.8

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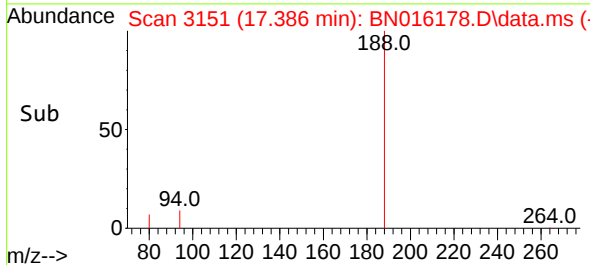
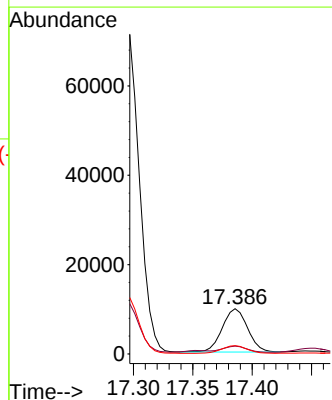
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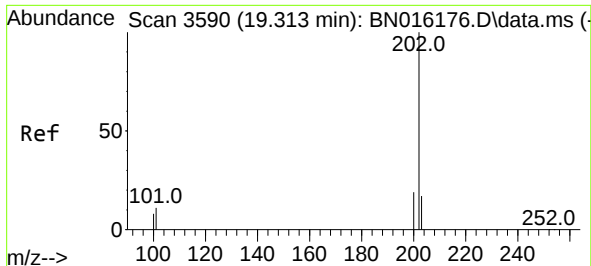


#16
Anthracene
Concen: 0.482 ng/u1
RT: 17.386 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06



Tgt Ion:178 Resp: 14365
Ion Ratio Lower Upper
178 100
179 17.4 13.3 19.9
176 18.4 14.9 22.3





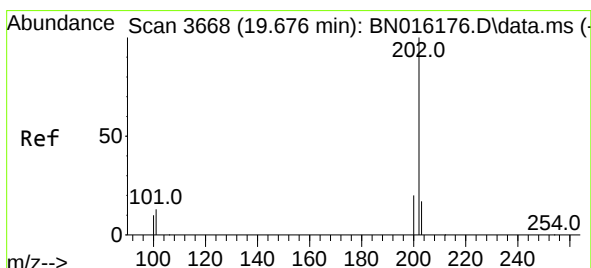
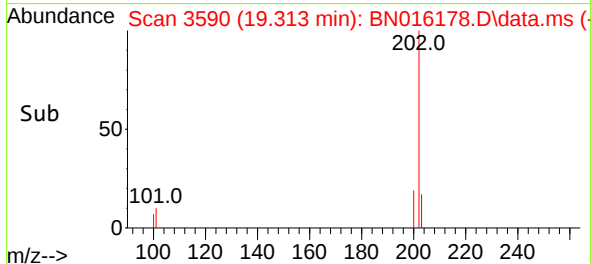
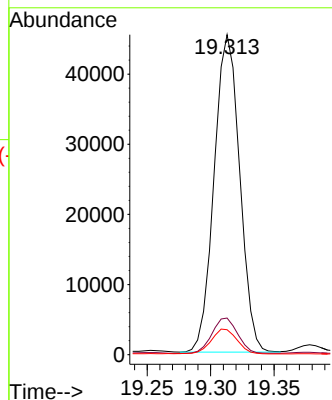
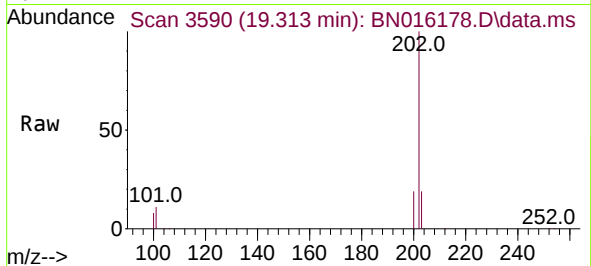
#19
Fluoranthene
Concen: 1.554 ng/ul
RT: 19.313 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06

Tgt Ion:202 Resp: 63492
Ion Ratio Lower Upper
202 100
101 11.5 9.2 13.8
100 7.8 6.7 10.1

Instrument :
BNA_N
ClientSampleId :
C0AC0

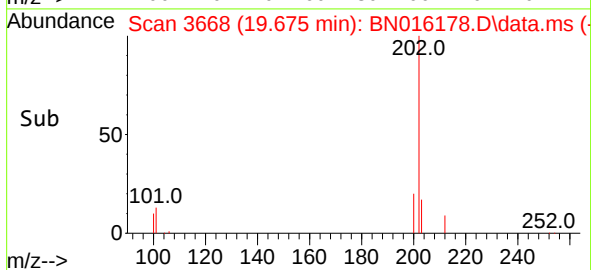
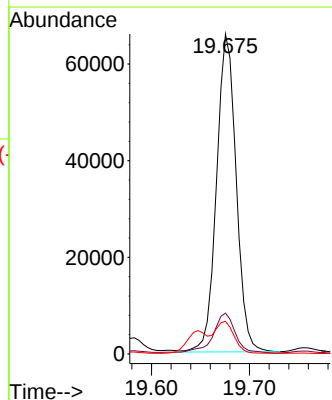
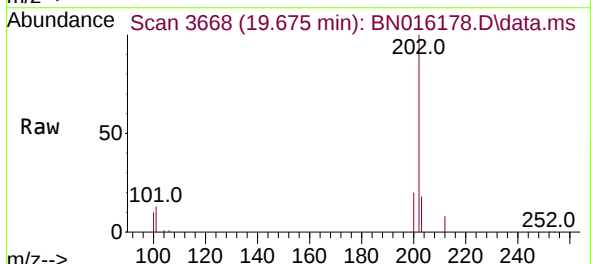
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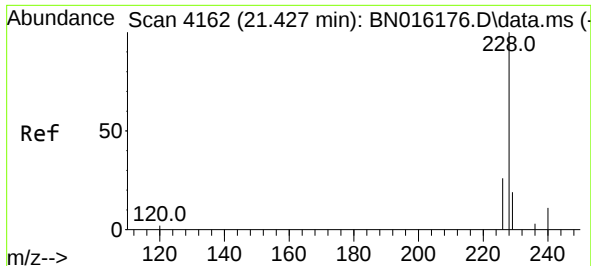
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#20
Pyrene
Concen: 2.219 ng/ul
RT: 19.675 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06

Tgt Ion:202 Resp: 91864
Ion Ratio Lower Upper
202 100
101 12.7 11.5 17.3
100 10.2 9.8 14.8





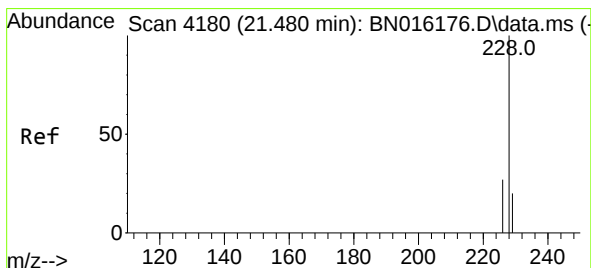
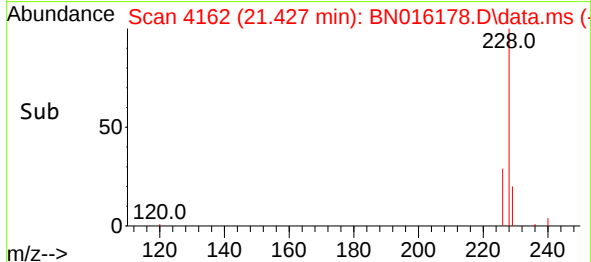
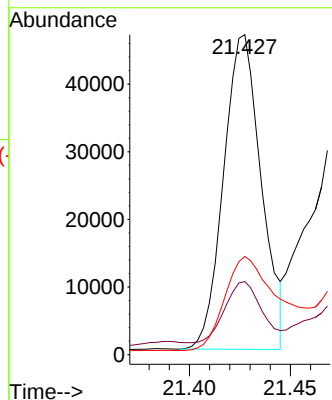
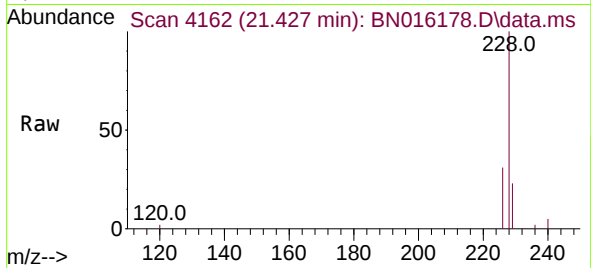
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Benzo(a)anthracene
Concen: 1.611 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06

Tgt Ion:228 Resp: 60431
Ion Ratio Lower Upper
228 100
229 22.9 15.7 23.5
226 30.7 20.8 31.2

Instrument :
BNA_N
ClientSampled :
C0AC0

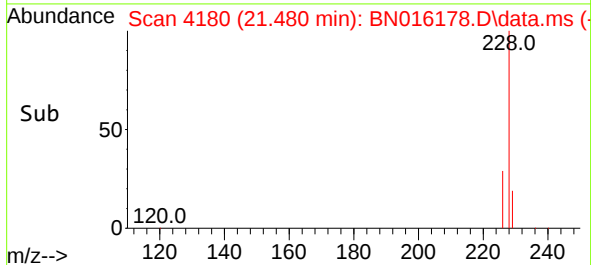
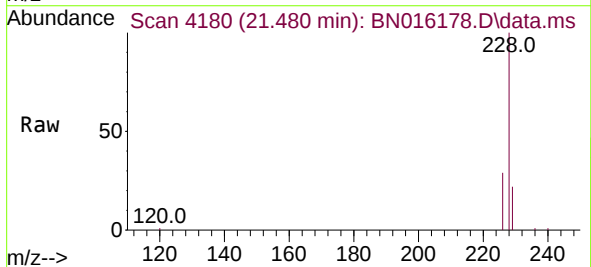
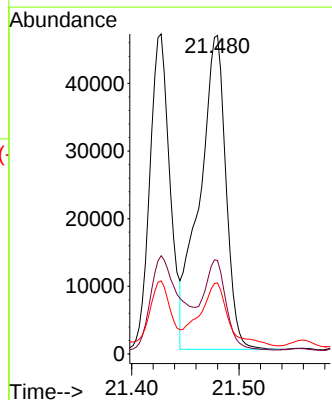
Manual Integrations
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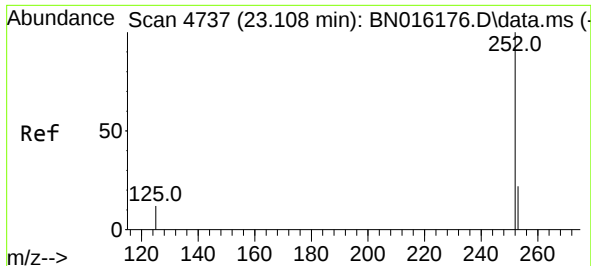
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9/7/2021 11:32:49 AM



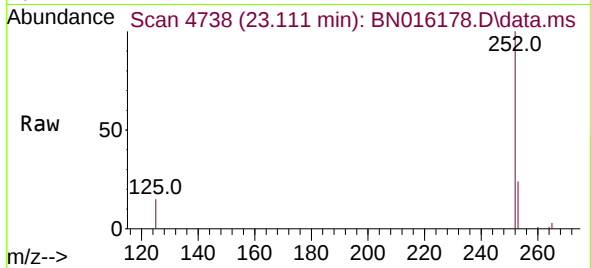
#22
Chrysene
Concen: 1.869 ng/ul
RT: 21.480 min Scan# 4180
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06

Tgt Ion:228 Resp: 79225
Ion Ratio Lower Upper
228 100
226 29.4 23.2 34.8
229 22.3 15.6 23.4

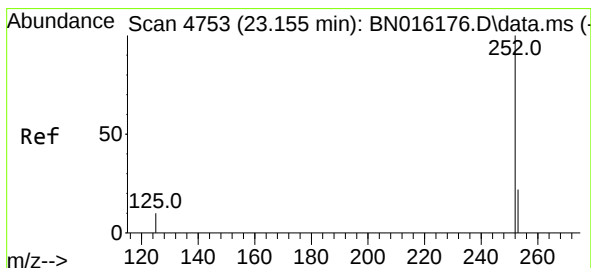
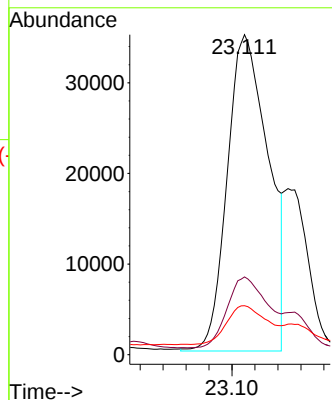
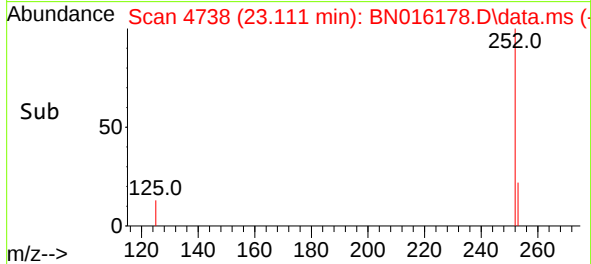




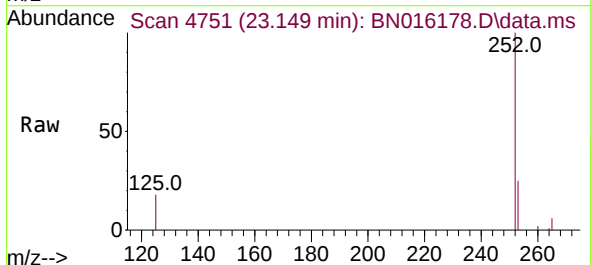
#24
Benzo(b)fluoranthene
Concen: 1.959 ng/ul m
RT: 23.111 min Scan# 4738
Delta R.T. 0.003 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06



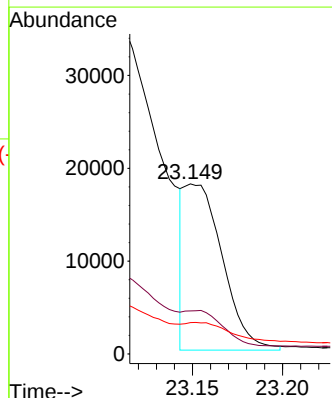
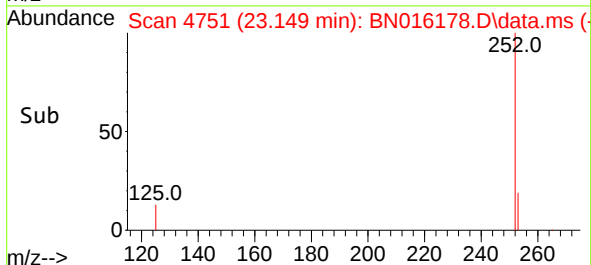
Tgt Ion:252 Resp: 86623
Ion Ratio Lower Upper
252 100
253 24.3 0.0 49.4
125 15.3 0.0 27.0



#25
Benzo(k)fluoranthene
Concen: 0.594 ng/ul m
RT: 23.149 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06



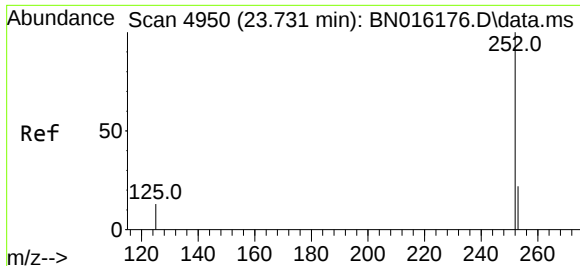
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Ion Ratio Lower Upper
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253 25.3 19.4 29.0
125 18.5 10.9 16.3#



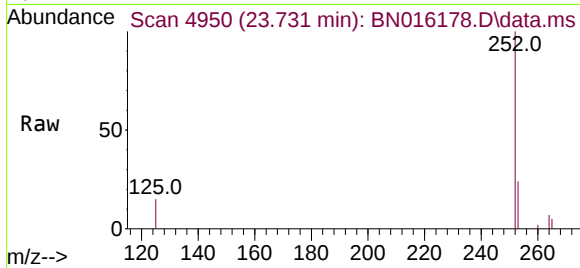
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ClientSampleId :
C0AC0

Manual Integrations
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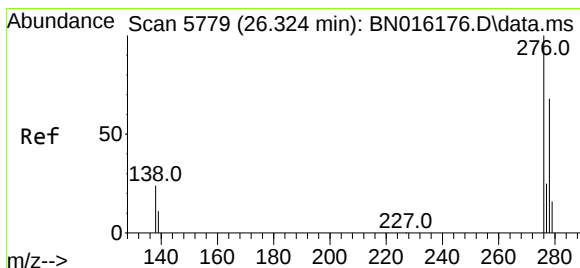
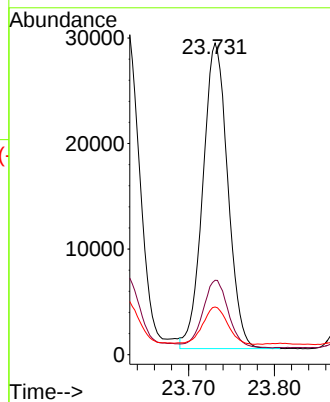
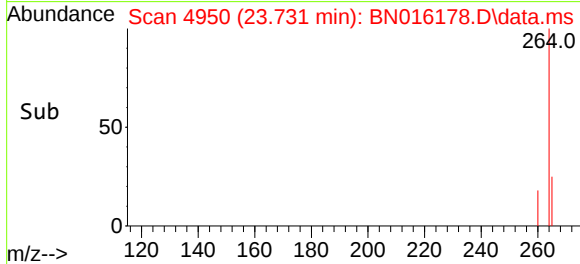
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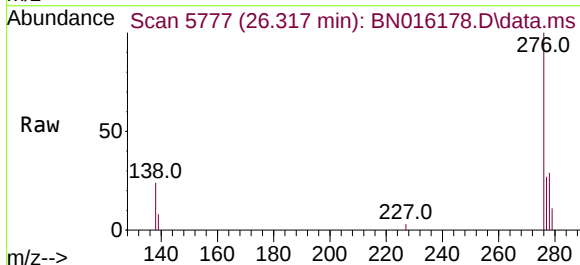
#26
Benzo(a)pyrene
Concen: 1.555 ng/ul
RT: 23.731 min Scan# 4950
Delta R.T. -0.000 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06



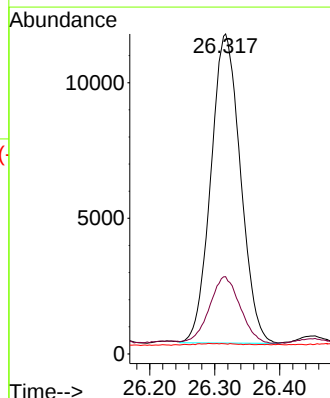
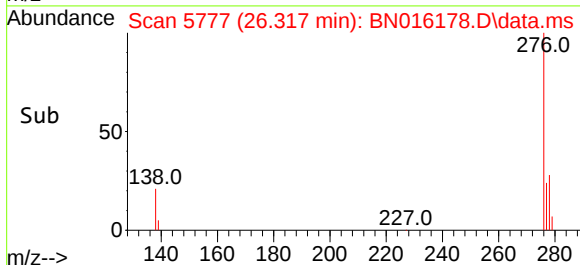
Tgt Ion:252 Resp: 58346
Ion Ratio Lower Upper
252 100
253 23.9 20.2 30.2
125 15.3 12.6 18.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.744 ng/ul
RT: 26.317 min Scan# 5777
Delta R.T. -0.007 min
Lab File: BN016178.D
Acq: 03 Sep 2021 17:06



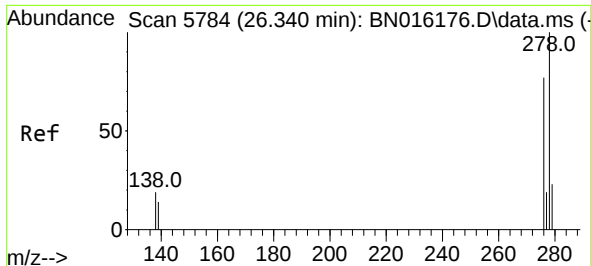
Tgt Ion:276 Resp: 36054
Ion Ratio Lower Upper
276 100
138 22.5 22.7 34.1#
227 0.0 0.2 0.2#



Instrument :
BNA_N
ClientSampleId :
C0AC0

Manual Integrations
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#28

Dibenzo(a,h)anthracene

Concen: 0.316 ng/ul

RT: 26.323 min Scan# 5779

Delta R.T. -0.017 min

Lab File: BN016178.D

Acq: 03 Sep 2021 17:06

Tgt Ion:	278	Resp:	12616
Ion Ratio	Lower	Upper	
278	100		
139	27.5	15.1	22.7#
279	34.8	20.5	30.7#

Instrument :

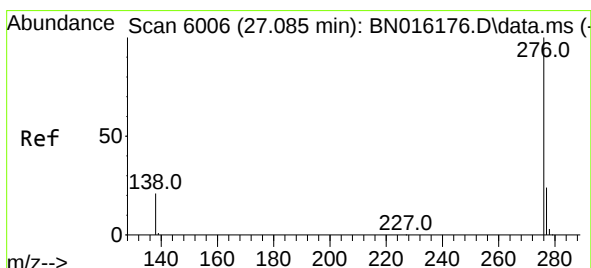
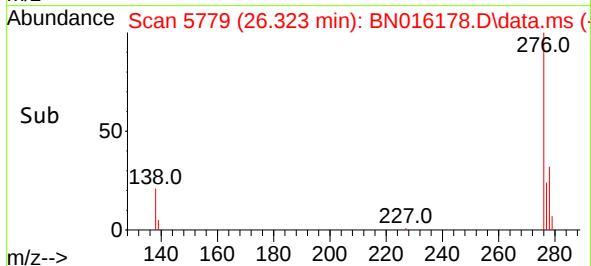
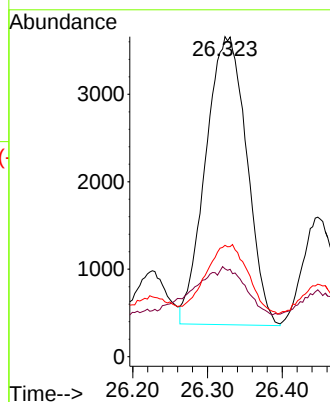
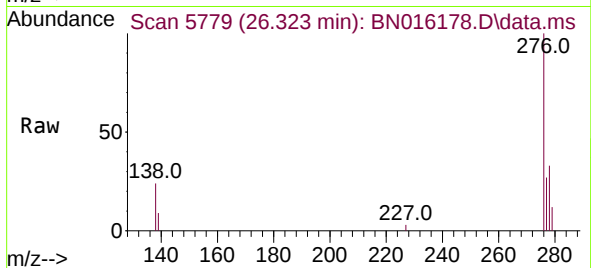
BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVED

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#29

Benzo(g,h,i)perylene

Concen: 0.945 ng/ul

RT: 27.085 min Scan# 6006

Delta R.T. -0.000 min

Lab File: BN016178.D

Acq: 03 Sep 2021 17:06

Tgt Ion:	276	Resp:	39786
Ion Ratio	Lower	Upper	
276	100		
138	23.1	19.3	28.9
277	25.8	19.8	29.8

