

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016172.D
 Acq On : 03 Sep 2021 12:51
 Operator : CG/JU
 Sample : M3472-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:32:35 AM

Quant Time: Sep 03 13:41:46 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	2744	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	11384	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	6969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	13994	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	13259	0.400	ng/ul	# 0.00
23) Perylene-d12	23.836	264	14899	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	8306	2.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3248	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	9320	0.262	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.710	128	68885	2.273	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	40168	2.031	ng/ul	100
8) 1-Methylnaphthalene	12.547	142	31561	1.599	ng/ul	99
10) Acenaphthylene	14.224	152	375976	14.262	ng/ul	98
11) Acenaphthene	14.566	153	21459	0.973	ng/ul	98
12) Fluorene	15.552	166	44482	1.761	ng/ul	99
15) Phenanthrene	17.293	178	492673	12.216	ng/ul	98
16) Anthracene	17.386	178	276759	7.944	ng/ul	97
19) Fluoranthene	19.313	202	1165962	26.401	ng/ul	98
20) Pyrene	19.675	202	1046616	23.396	ng/ul	95
21) Benzo(a)anthracene	21.427	228	716875m	17.680	ng/ul	
22) Chrysene	21.477	228	616240	13.452	ng/ul	97
24) Benzo(b)fluoranthene	23.114	252	1141812m	20.368	ng/ul	
25) Benzo(k)fluoranthene	23.152	252	408445m	7.243	ng/ul	
26) Benzo(a)pyrene	23.734	252	1025814	21.573	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.320	276	799189	13.007	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.327	278	179871	3.552	ng/ul	97
29) Benzo(g,h,i)perylene	27.085	276	763794	14.320	ng/ul	97

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

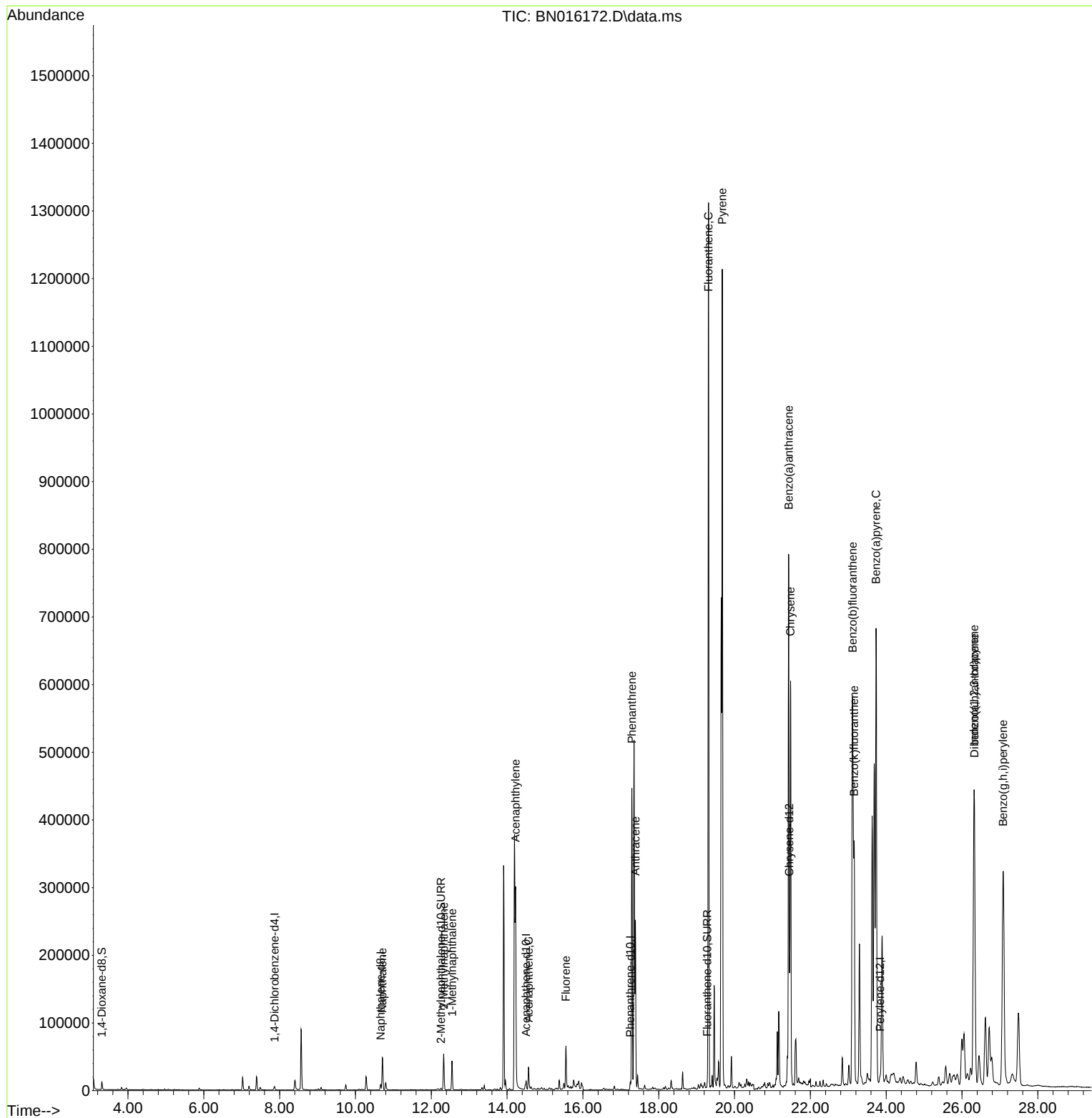
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016172.D
Acq On : 03 Sep 2021 12:51
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

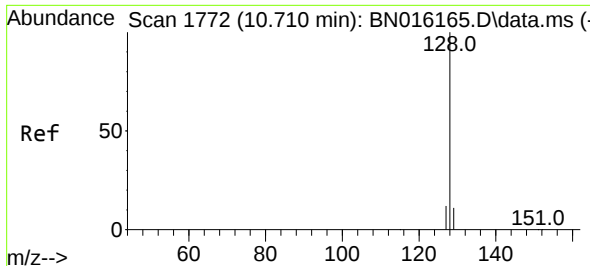
Instrument :
BNA_N
ClientSampleId :
C0AC2

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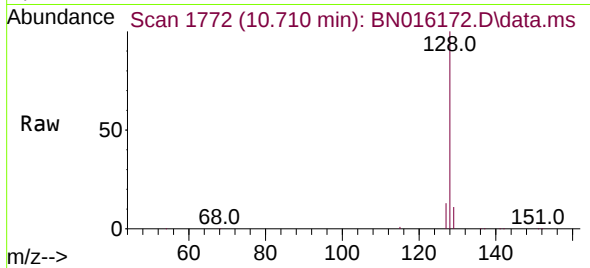
mohammad
9/7/2021 11:32:35 AM

Quant Time: Sep 03 13:41:46 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

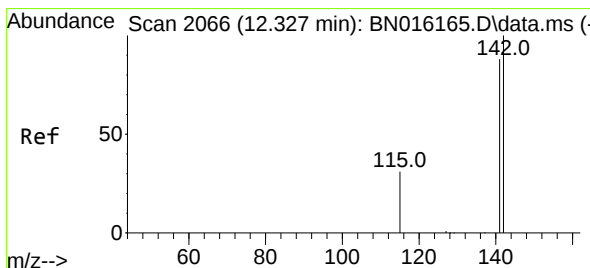
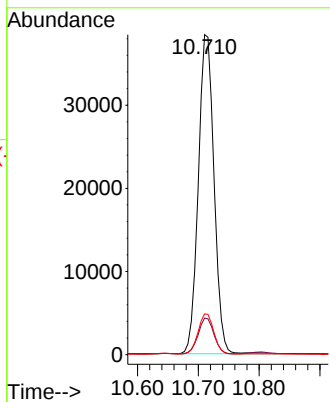
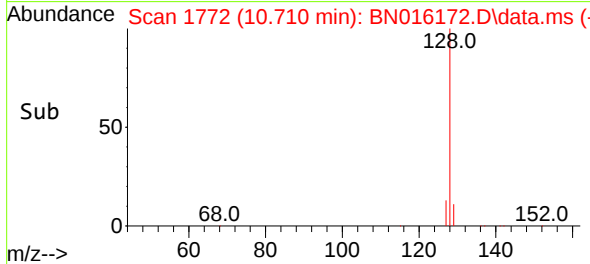




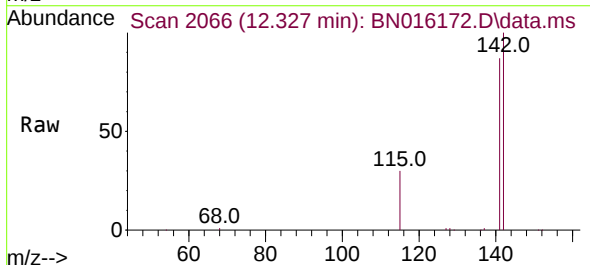
#5
Naphthalene
Concen: 2.273 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



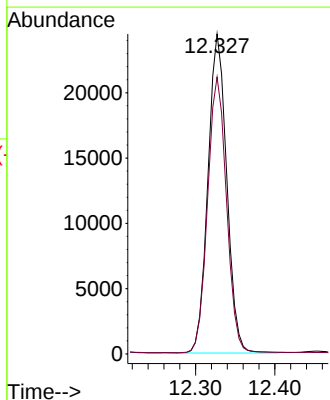
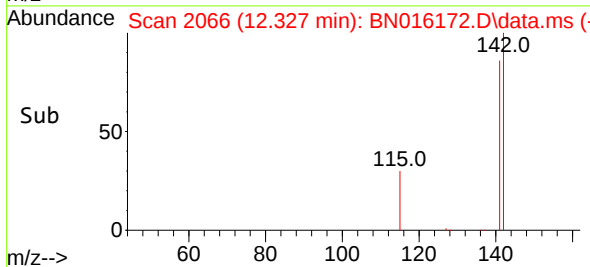
Tgt Ion:128 Resp: 68885
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 12.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 2.031 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



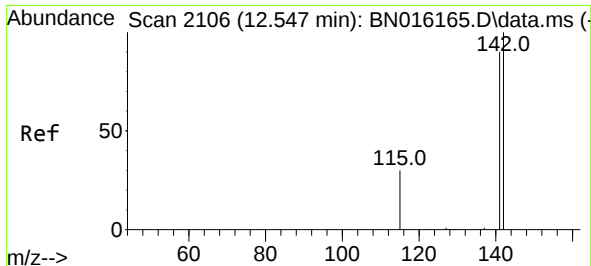
Tgt Ion:142 Resp: 40168
Ion Ratio Lower Upper
142 100
141 87.0 69.5 104.3



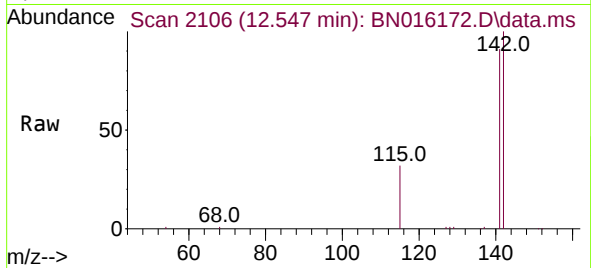
Instrument :
BNA_N
ClientSampleId :
C0AC2

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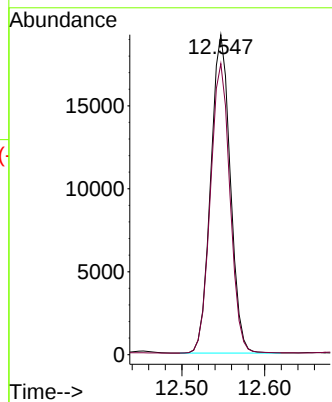
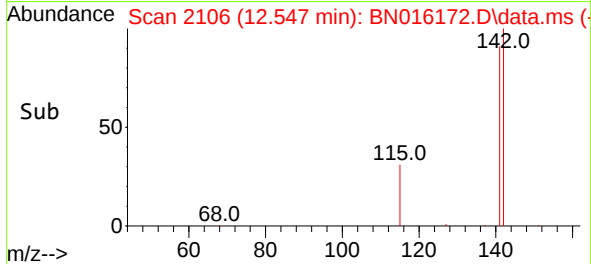
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#8
1-Methylnaphthalene
Concen: 1.599 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



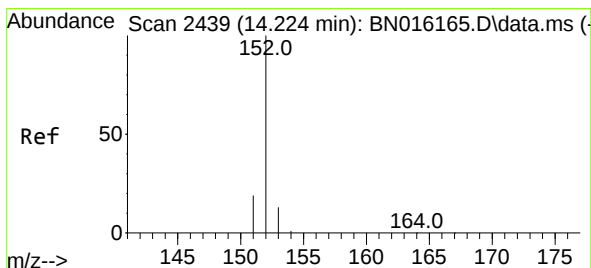
Tgt Ion:142 Resp: 31561
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.4



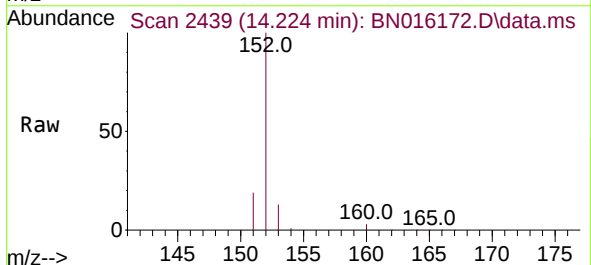
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ClientSampleId :
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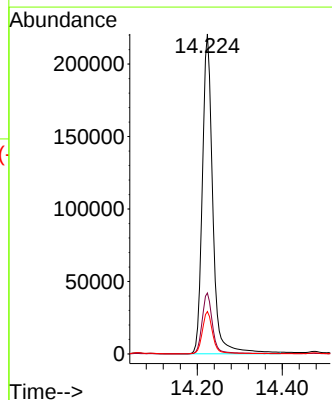
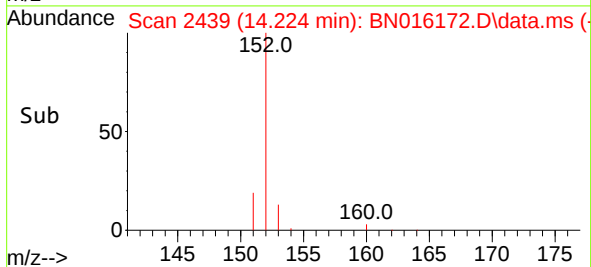
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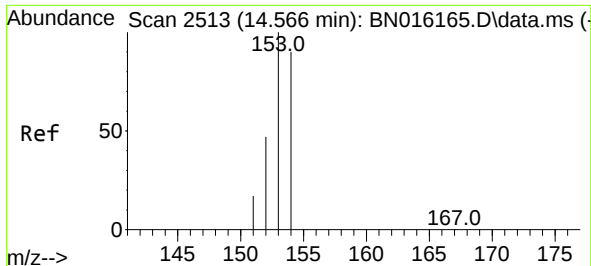


#10
Acenaphthylene
Concen: 14.262 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



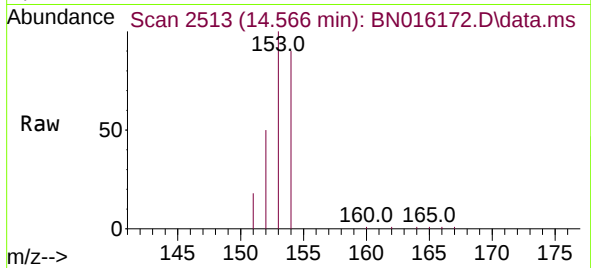
Tgt Ion:152 Resp: 375976
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 13.3 11.2 16.8





#11
Acenaphthene
Concen: 0.973 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51

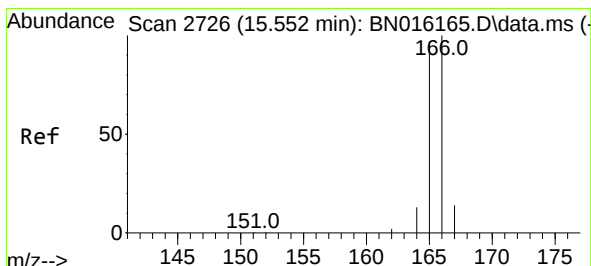
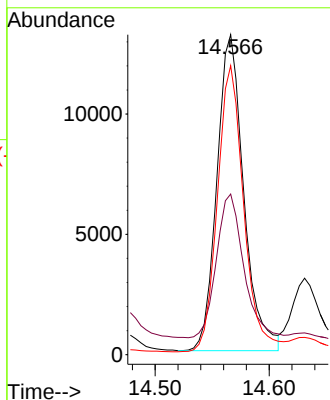
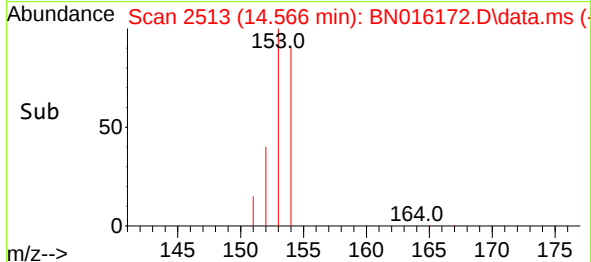
Instrument :
BNA_N
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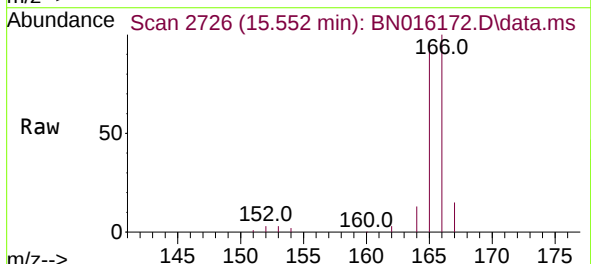
Tgt Ion:153 Resp: 21459
Ion Ratio Lower Upper
153 100
152 50.2 38.5 57.7
154 90.3 71.3 106.9

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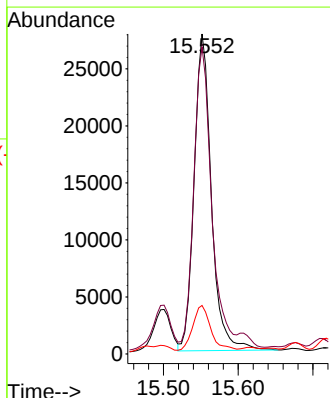
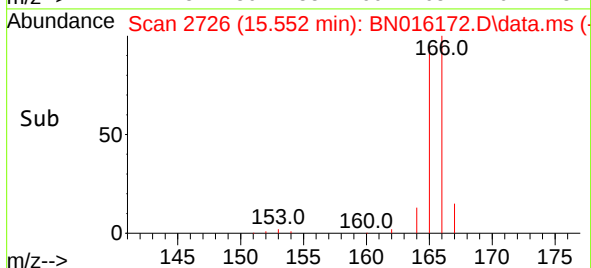
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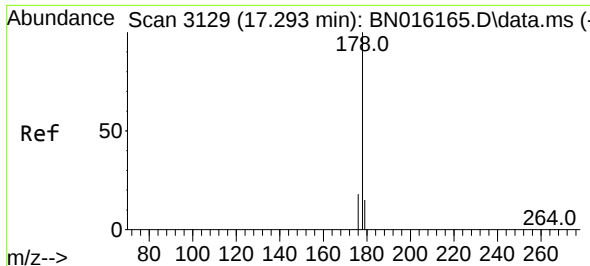


#12
Fluorene
Concen: 1.761 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



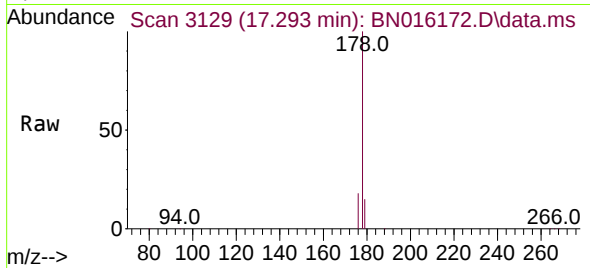
Tgt Ion:166 Resp: 44482
Ion Ratio Lower Upper
166 100
165 95.9 77.9 116.9
167 15.2 11.8 17.8





#15
Phenanthrene
Concen: 12.216 ng/ul
RT: 17.293 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51

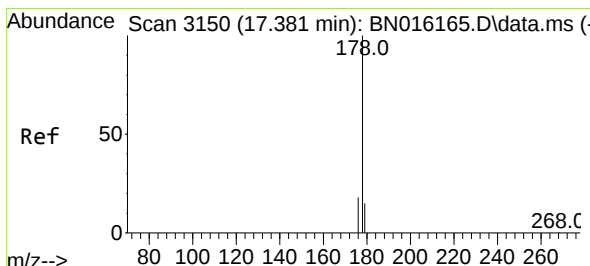
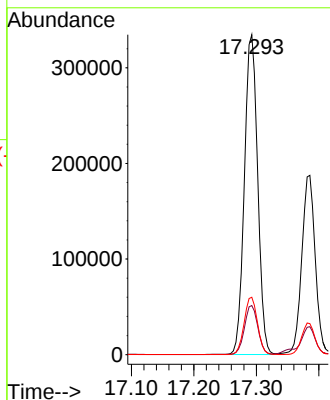
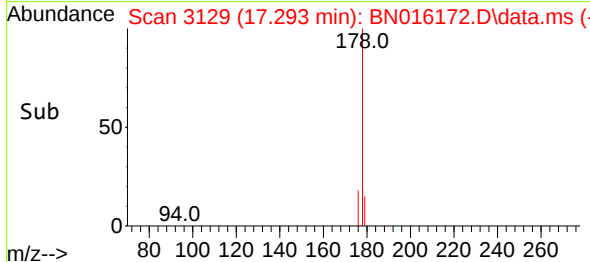
Instrument :
BNA_N
ClientSampled :
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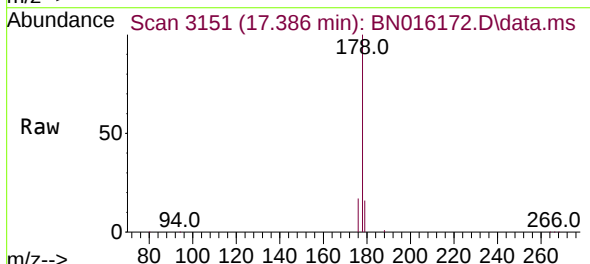
Tgt Ion:178 Resp: 492673
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 18.0 15.2 22.8

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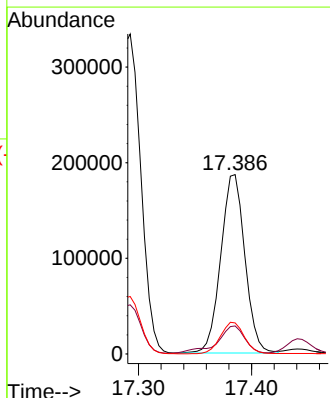
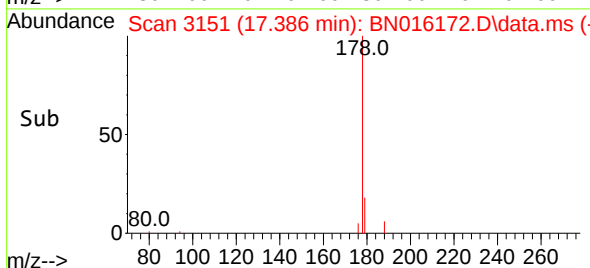
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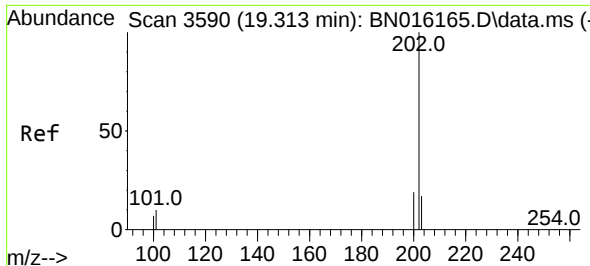


#16
Anthracene
Concen: 7.944 ng/ul
RT: 17.386 min Scan# 3151
Delta R.T. 0.004 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



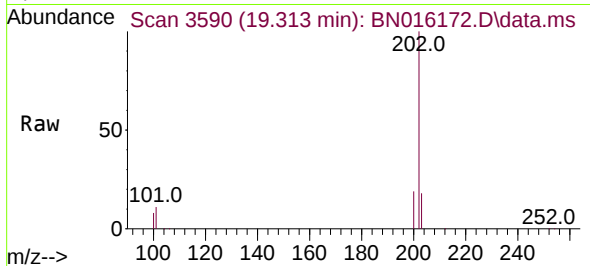
Tgt Ion:178 Resp: 276759
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 17.3 14.9 22.3





#19
Fluoranthene
Concen: 26.401 ng/u1
RT: 19.313 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51

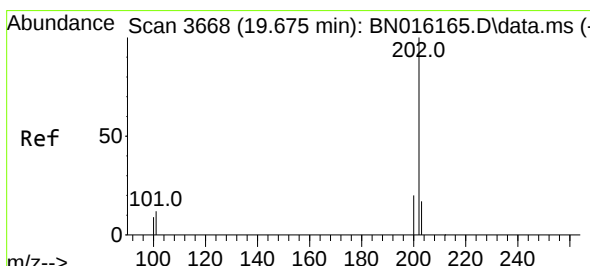
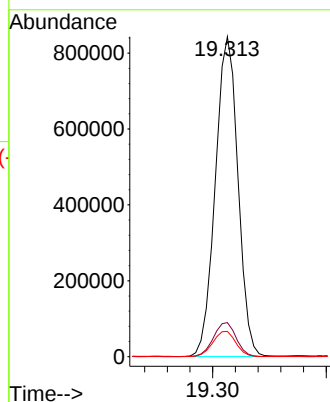
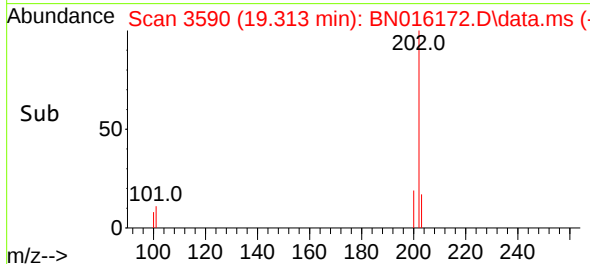
Instrument :
BNA_N
ClientSampled :
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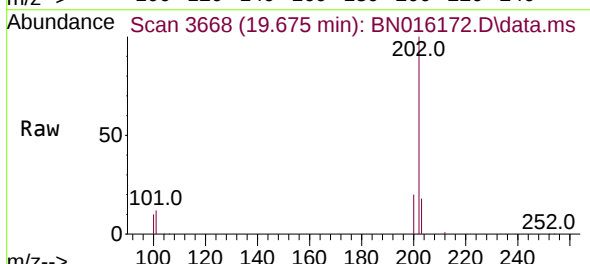
Tgt Ion:202 Resp: 1165962
Ion Ratio Lower Upper
202 100
101 10.7 9.2 13.8
100 7.9 6.7 10.1

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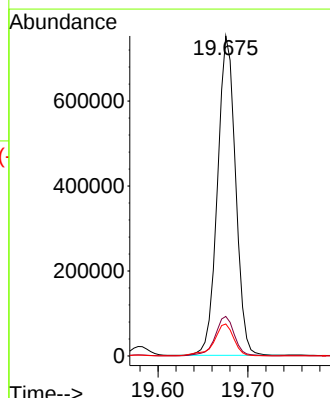
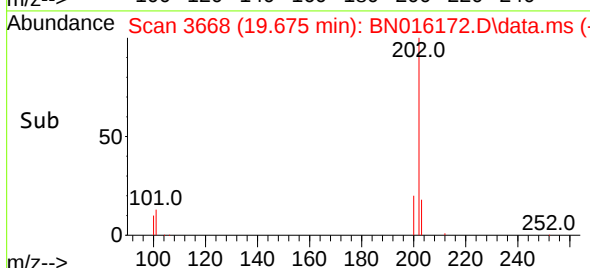
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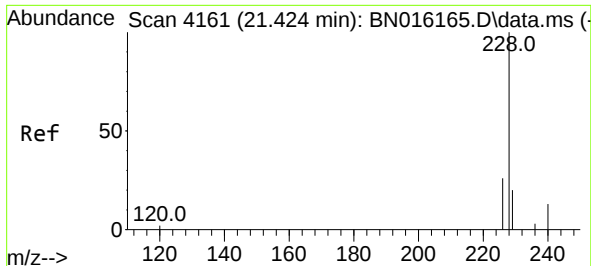


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Pyrene
Concen: 23.396 ng/u1
RT: 19.675 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



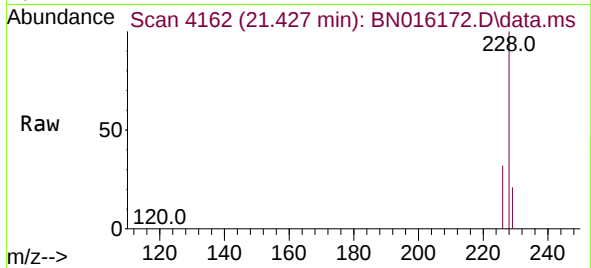
Tgt Ion:202 Resp: 1046616
Ion Ratio Lower Upper
202 100
101 12.4 11.5 17.3
100 10.0 9.8 14.8





#21
Benzo(a)anthracene
Concen: 17.680 ng/ul m
RT: 21.427 min Scan# 4162
Delta R.T. 0.003 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51

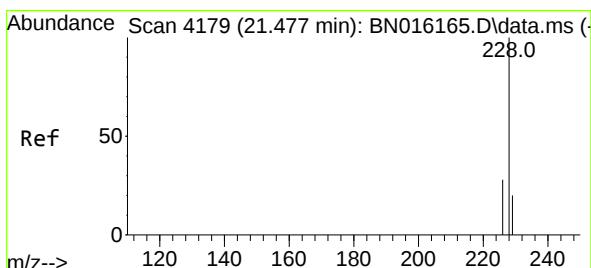
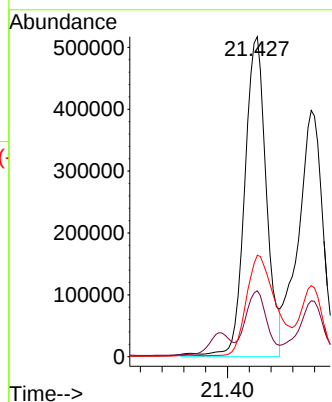
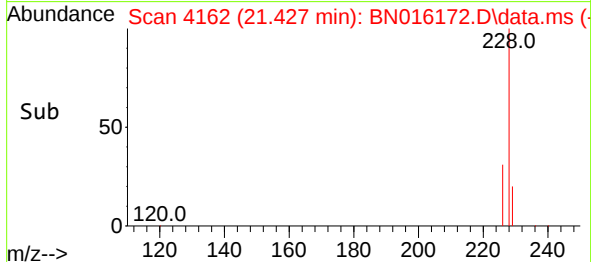
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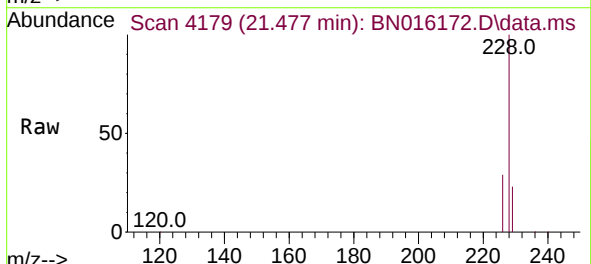
Tgt Ion:228 Resp: 716875
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 31.7 20.8 31.2#

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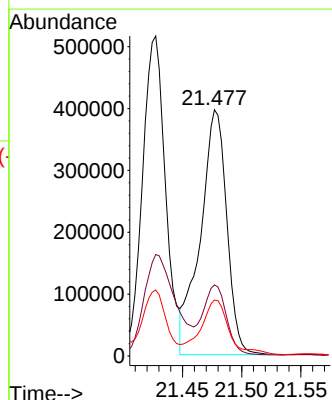
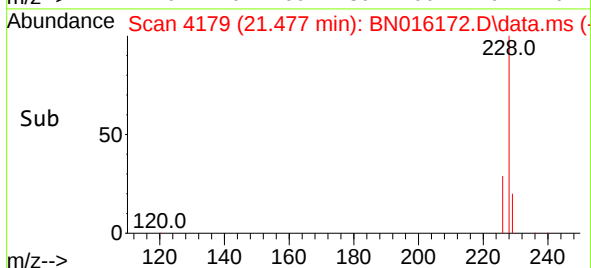
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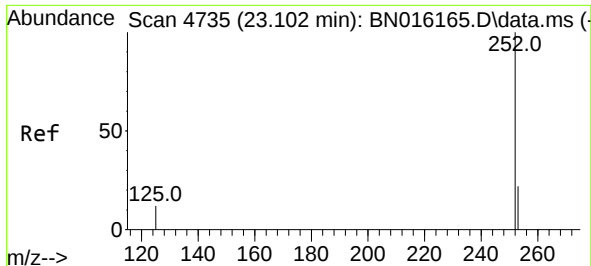


#22
Chrysene
Concen: 13.452 ng/ul
RT: 21.477 min Scan# 4179
Delta R.T. -0.000 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51

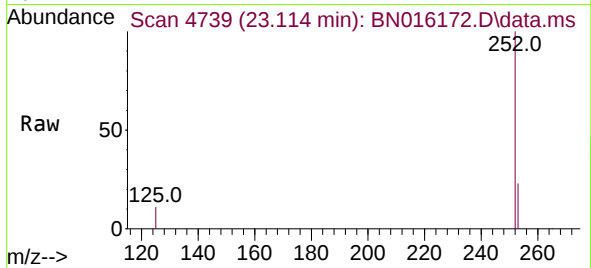


Tgt Ion:228 Resp: 616240
Ion Ratio Lower Upper
228 100
226 28.8 23.2 34.8
229 22.7 15.6 23.4

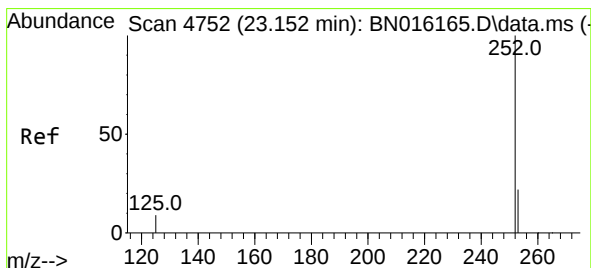
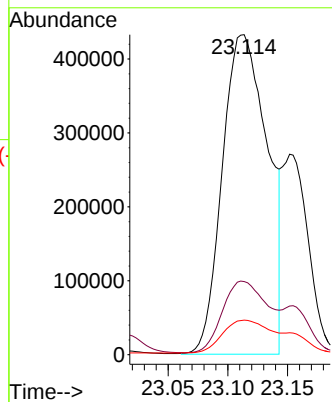
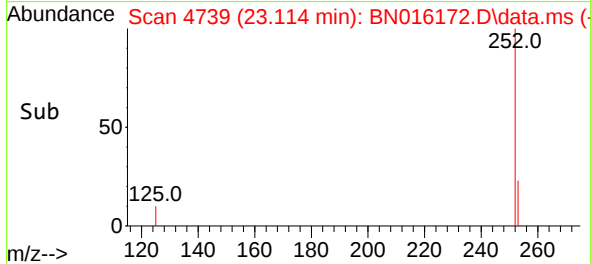




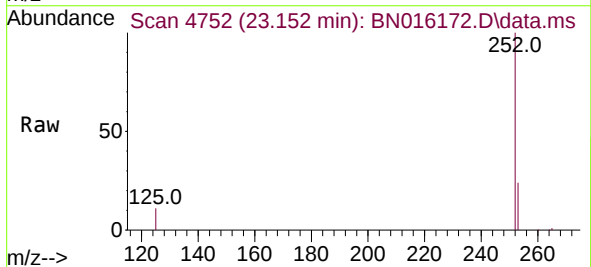
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Benzo(b)fluoranthene
Concen: 20.368 ng/ul m
RT: 23.114 min Scan# 4739
Delta R.T. 0.009 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



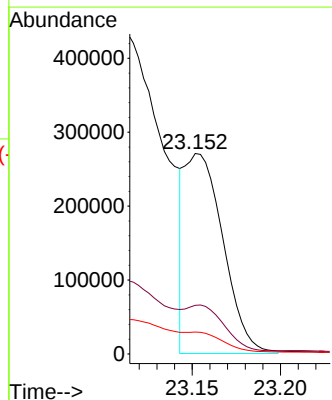
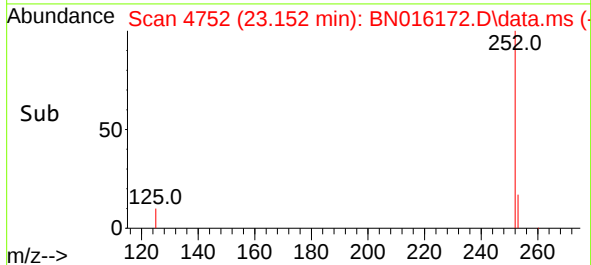
Tgt Ion:252 Resp: 1141812
Ion Ratio Lower Upper
252 100
253 22.9 0.0 49.4
125 10.8 0.0 27.0



#25
Benzo(k)fluoranthene
Concen: 7.243 ng/ul m
RT: 23.152 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



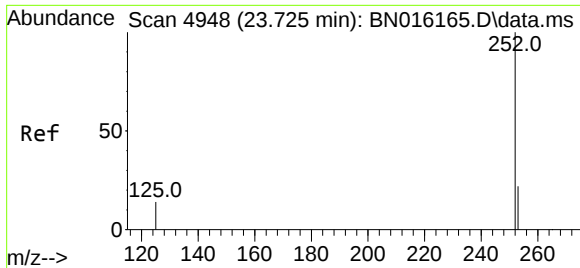
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Ion Ratio Lower Upper
252 100
253 24.3 19.4 29.0
125 10.9 10.9 16.3



Instrument :
BNA_N
ClientSampled :
C0AC2

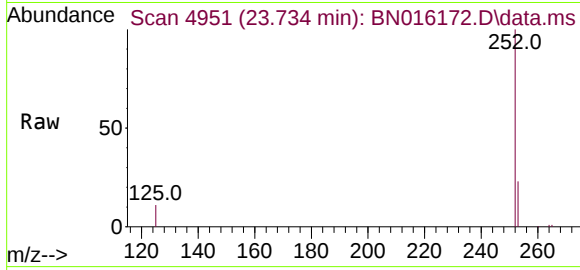
Manual Integrations
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#26
Benzo(a)pyrene
Concen: 21.573 ng/ul
RT: 23.734 min Scan# 4951
Delta R.T. 0.003 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51

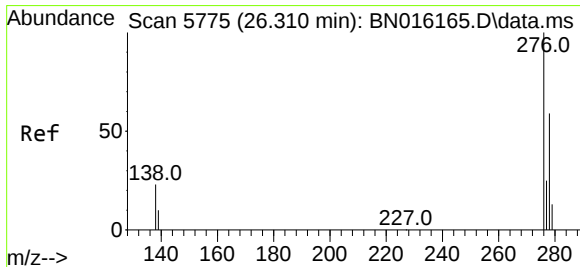
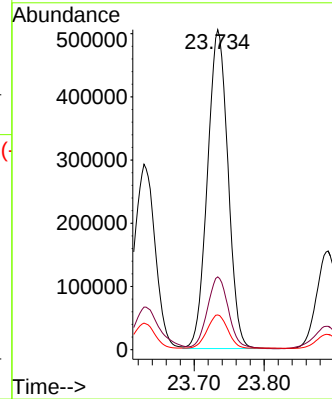
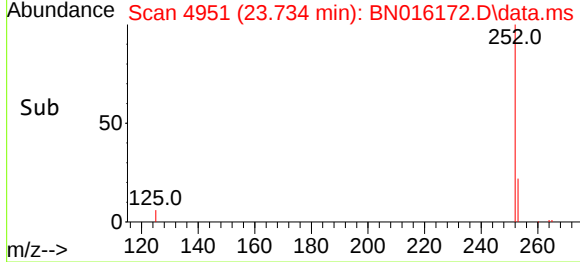
Instrument :
BNA_N
ClientSampled :
C0AC2



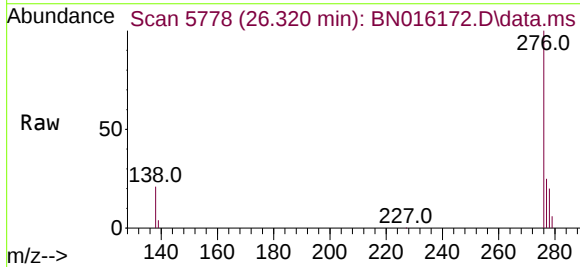
Tgt Ion:252 Resp: 1025814
Ion Ratio Lower Upper
252 100
253 22.7 20.2 30.2
125 10.9 12.6 18.8#

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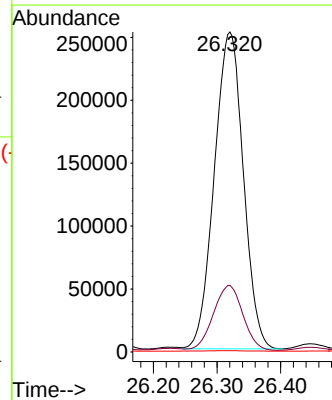
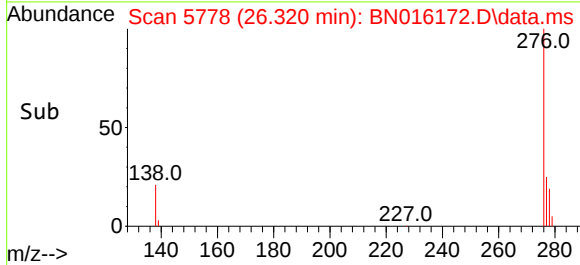
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9/7/2021 11:32:35 AM

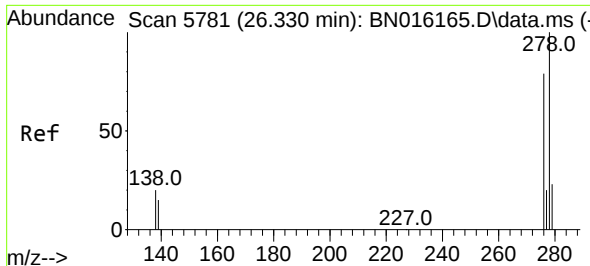


#27
Indeno(1,2,3-cd)pyrene
Concen: 13.007 ng/ul
RT: 26.320 min Scan# 5778
Delta R.T. 0.003 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51

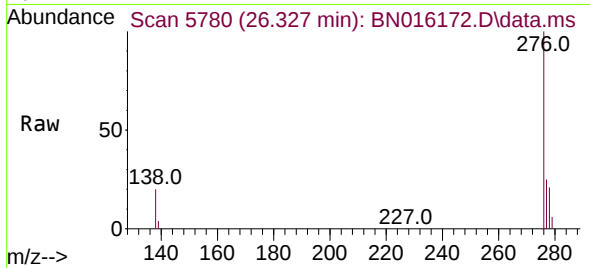


Tgt Ion:276 Resp: 799189
Ion Ratio Lower Upper
276 100
138 20.8 22.7 34.1#
227 0.2 0.2 0.2

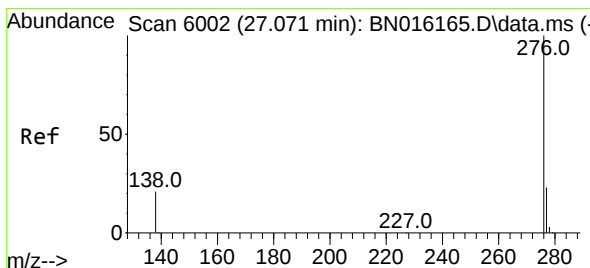
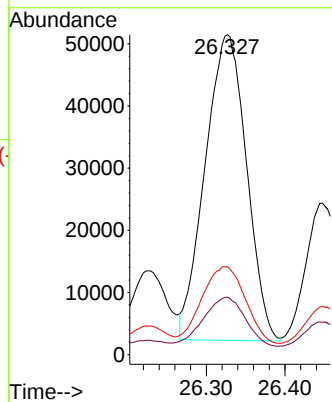
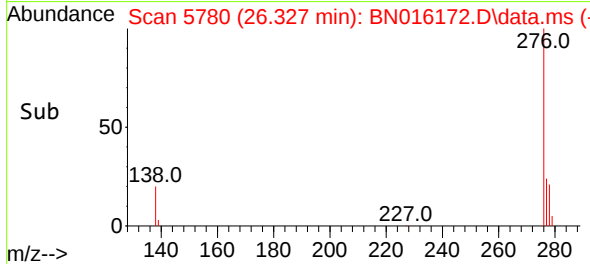




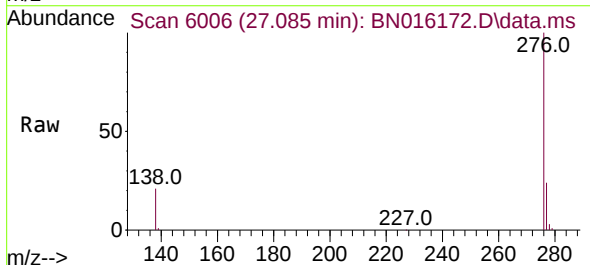
#28
Dibenzo(a,h)anthracene
Concen: 3.552 ng/ul
RT: 26.327 min Scan# 5780
Delta R.T. -0.003 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



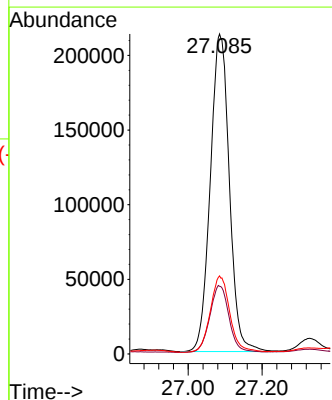
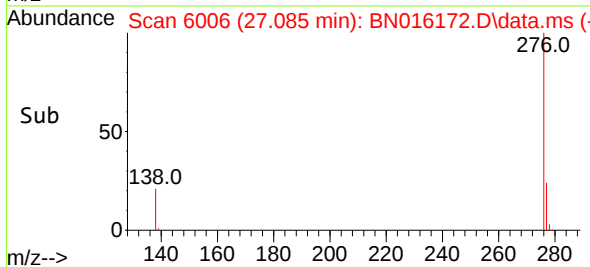
Tgt Ion:278 Resp: 179871
Ion Ratio Lower Upper
278 100
139 18.0 15.1 22.7
279 27.5 20.5 30.7



#29
Benzo(g,h,i)perylene
Concen: 14.320 ng/ul
RT: 27.085 min Scan# 6006
Delta R.T. 0.010 min
Lab File: BN016172.D
Acq: 03 Sep 2021 12:51



Tgt Ion:276 Resp: 763794
Ion Ratio Lower Upper
276 100
138 21.2 19.3 28.9
277 24.4 19.8 29.8



Instrument :
BNA_N
ClientSampleId :
C0AC2

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