

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016162.D
 Acq On : 03 Sep 2021 06:49
 Operator : CG/JU
 Sample : M3472-01DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB9DL

Manual Integrations
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mohammad
 9/7/2021 11:32:26 AM

Quant Time: Sep 03 07:19:45 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	2650	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	11060	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.503	164	6602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.252	188	13385	0.400	ng/ul	0.00
17) Chrysene-d12	21.438	240	13822	0.400	ng/ul	0.00
23) Perylene-d12	23.829	264	13623	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2282	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	841	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	2045	0.055	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.716	128	21696	0.737	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	19772	1.029	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	15987	0.834	ng/ul	100
10) Acenaphthylene	14.225	152	2131	0.085	ng/ul#	76
12) Fluorene	15.553	166	1095	0.046	ng/ul#	83
15) Phenanthrene	17.294	178	23431	0.607	ng/ul	99
16) Anthracene	17.382	178	1441	0.043	ng/ul#	84
19) Fluoranthene	19.309	202	9758	0.212	ng/ul	99
20) Pyrene	19.672	202	13856	0.297	ng/ul	97
21) Benzo(a)anthracene	21.421	228	7294	0.173	ng/ul#	86
22) Chrysene	21.473	228	11862	0.248	ng/ul#	93
24) Benzo(b)fluoranthene	23.101	252	11945m	0.233	ng/ul	
25) Benzo(k)fluoranthene	23.145	252	3465m	0.067	ng/ul	
26) Benzo(a)pyrene	23.721	252	7241	0.167	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	26.303	276	4878	0.087	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.323	278	1652	0.036	ng/ul#	10
29) Benzo(g,h,i)perylene	27.067	276	6665	0.137	ng/ul#	85

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

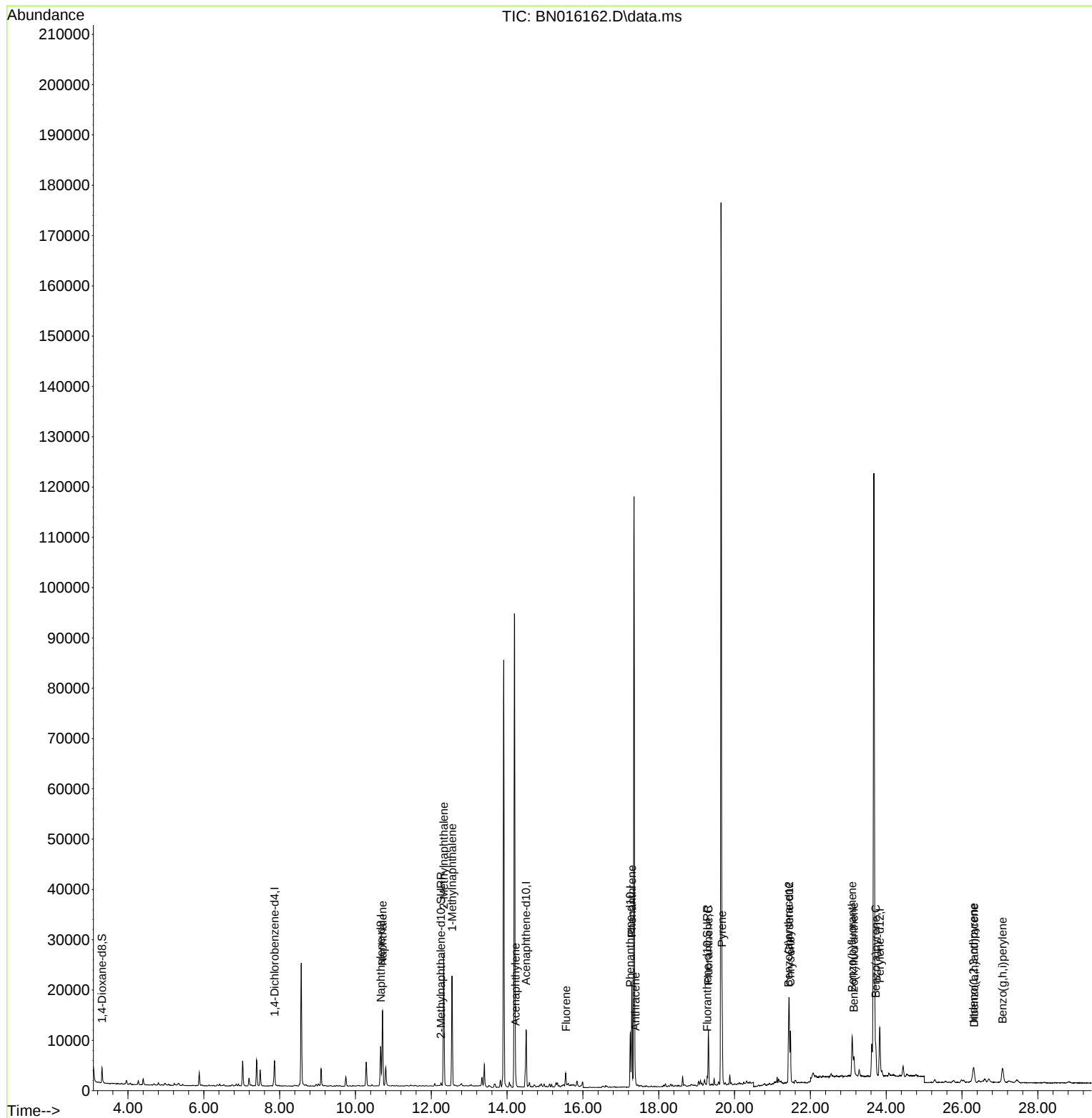
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016162.D
Acq On : 03 Sep 2021 06:49
Operator : CG/JU
Sample : M3472-01DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

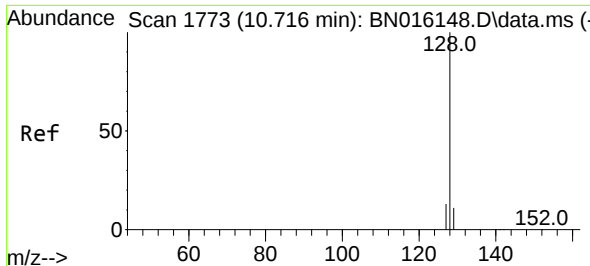
Instrument :
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ClientSampleId :
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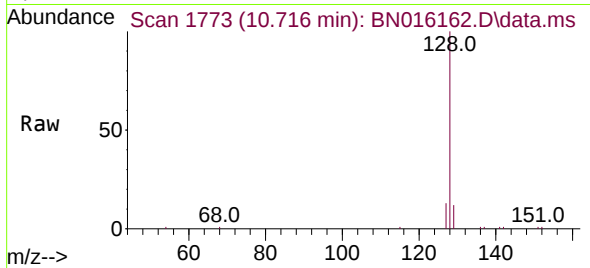
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Quant Time: Sep 03 07:19:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

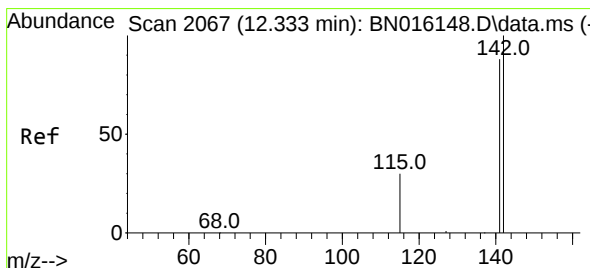
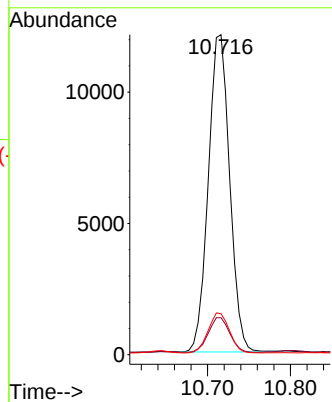
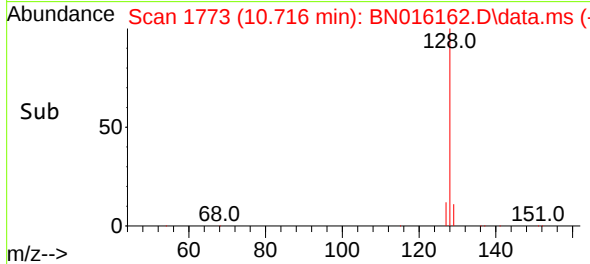




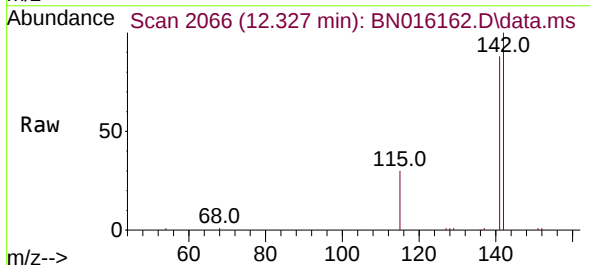
#5
Naphthalene
Concen: 0.737 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



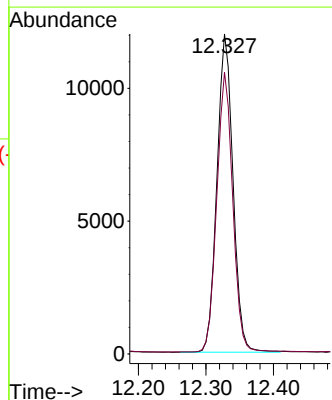
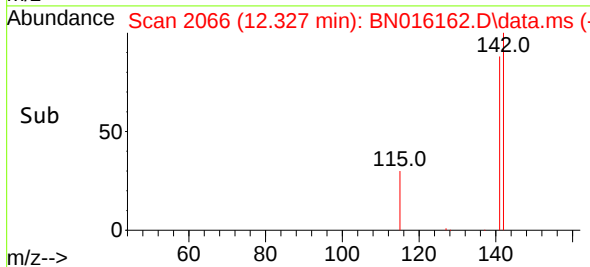
Tgt Ion:128 Resp: 21696
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 12.8 10.6 15.8



#7
2-Methylnaphthalene
Concen: 1.029 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



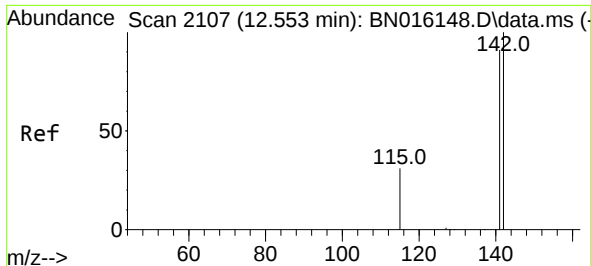
Tgt Ion:142 Resp: 19772
Ion Ratio Lower Upper
142 100
141 87.6 69.5 104.3



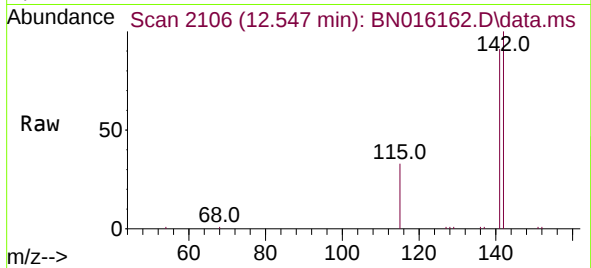
Instrument :
BNA_N
ClientSampleId :
C0AB9DL

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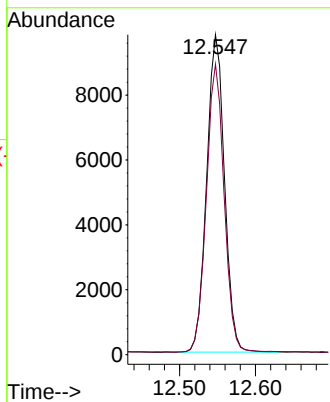
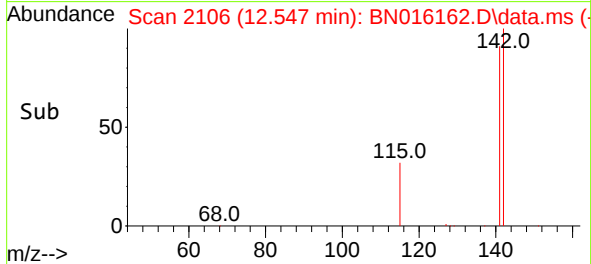
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#8
1-Methylnaphthalene
Concen: 0.834 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



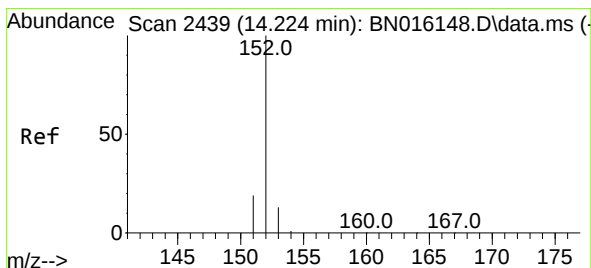
Tgt Ion:142 Resp: 15987
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.4



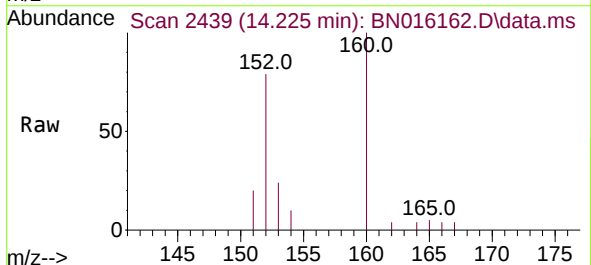
Instrument :
BNA_N
ClientSampleId :
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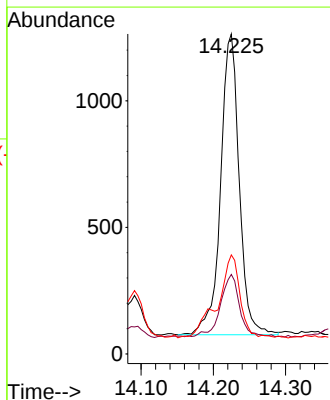
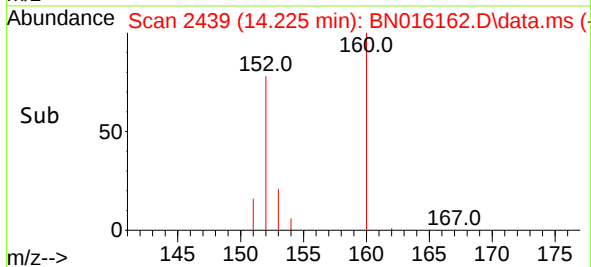
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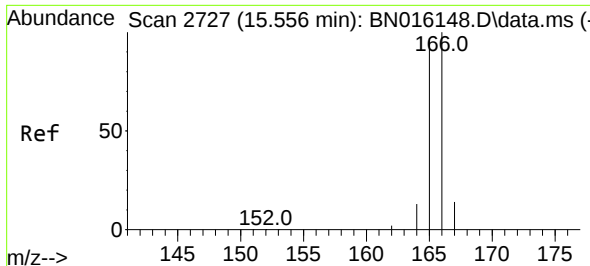


#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.225 min Scan# 2439
Delta R.T. 0.006 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



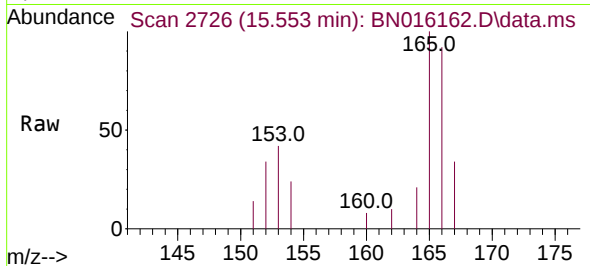
Tgt Ion:152 Resp: 2131
Ion Ratio Lower Upper
152 100
151 24.8 15.8 23.6#
153 30.9 11.2 16.8#





#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.553 min Scan# 2726
Delta R.T. 0.001 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49

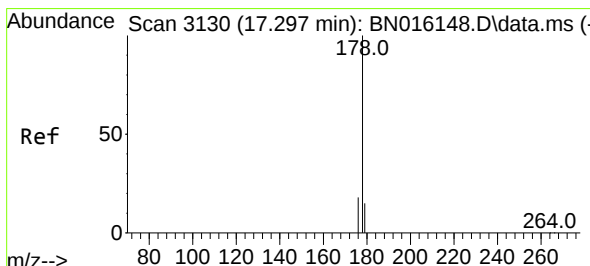
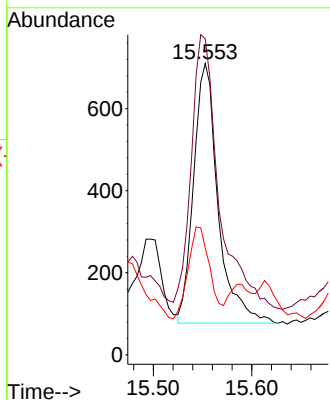
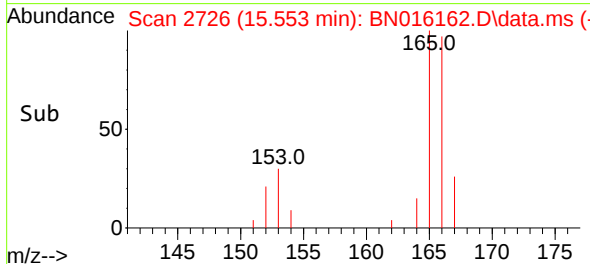
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ClientSampleID :
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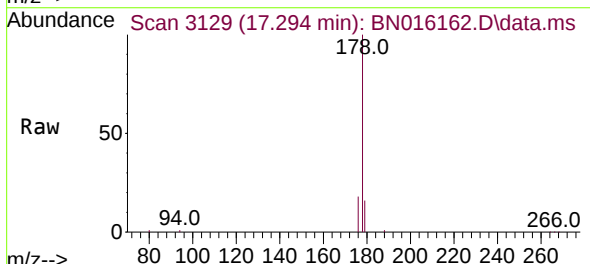
Tgt Ion:166 Resp: 1095
Ion Ratio Lower Upper
166 100
165 108.5 77.9 116.9
167 36.6 11.8 17.8#

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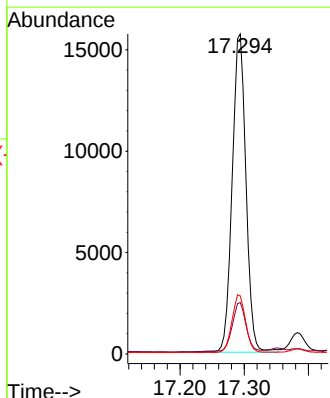
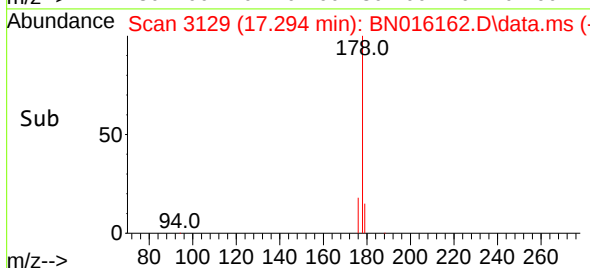
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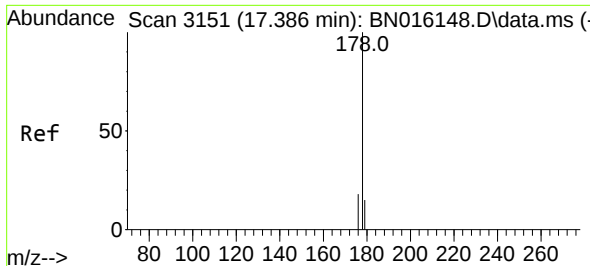


#15
Phenanthrene
Concen: 0.607 ng/ul
RT: 17.294 min Scan# 3129
Delta R.T. 0.001 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



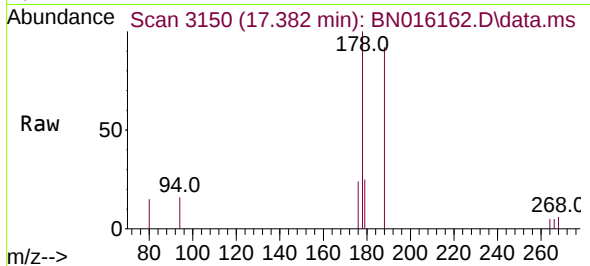
Tgt Ion:178 Resp: 23431
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 18.1 15.2 22.8





#16
 Anthracene
 Concen: 0.043 ng/ul
 RT: 17.382 min Scan# 3150
 Delta R.T. 0.001 min
 Lab File: BN016162.D
 Acq: 03 Sep 2021 06:49

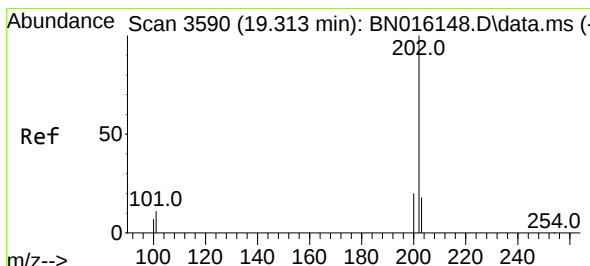
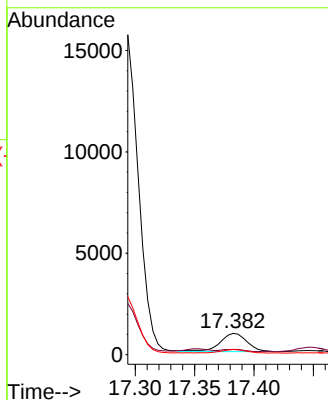
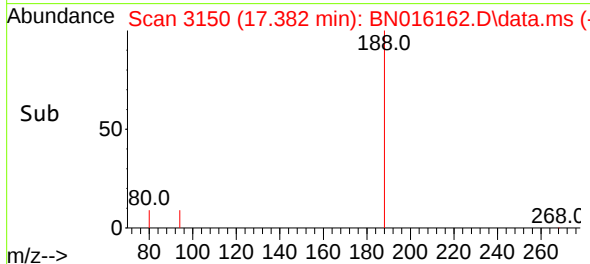
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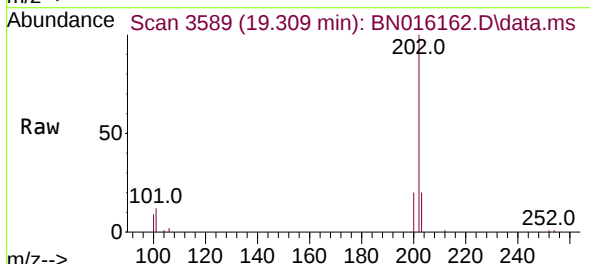
Tgt Ion:178 Resp: 1441
 Ion Ratio Lower Upper
 178 100
 179 24.6 13.3 19.9#
 176 24.4 14.9 22.3#

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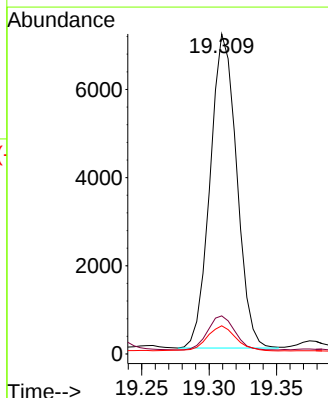
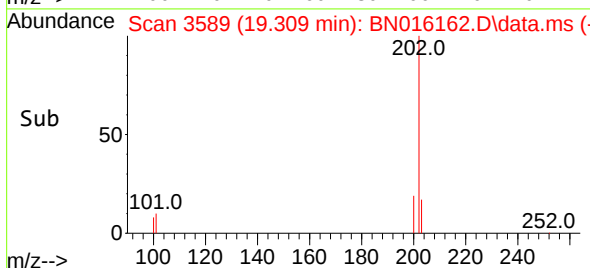
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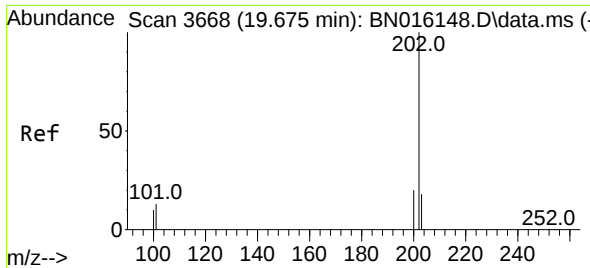


#19
 Fluoranthene
 Concen: 0.212 ng/ul
 RT: 19.309 min Scan# 3589
 Delta R.T. -0.004 min
 Lab File: BN016162.D
 Acq: 03 Sep 2021 06:49



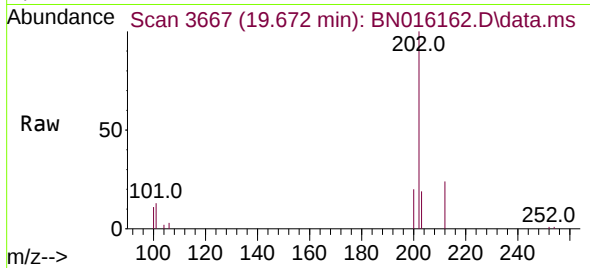
Tgt Ion:202 Resp: 9758
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.2 13.8
 100 8.8 6.7 10.1





#20
Pyrene
Concen: 0.297 ng/ul
RT: 19.672 min Scan# 3667
Delta R.T. -0.004 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49

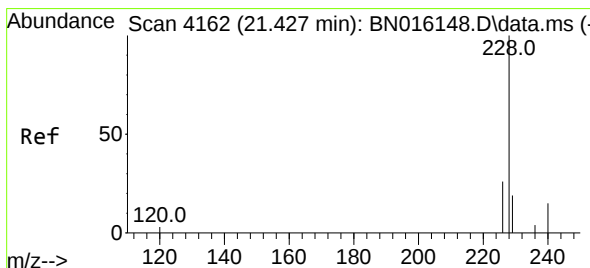
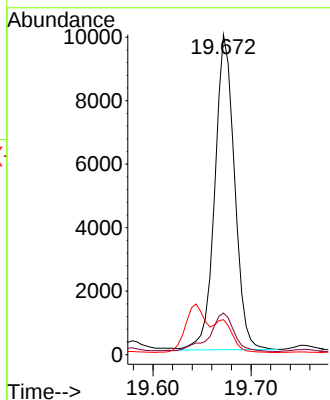
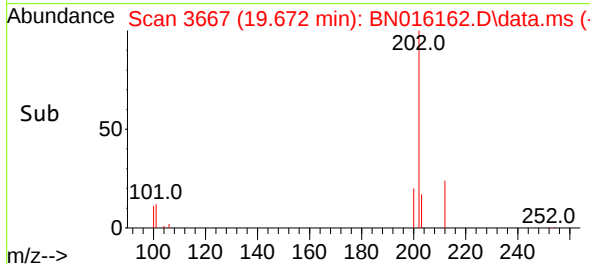
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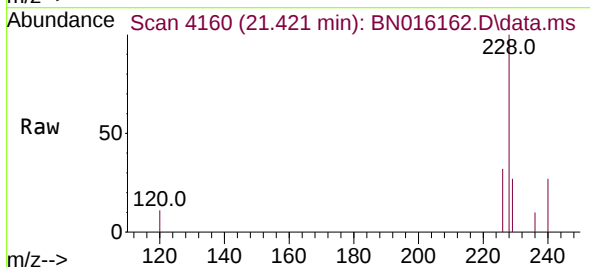
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.5	17.3
100	11.0	9.8	14.8

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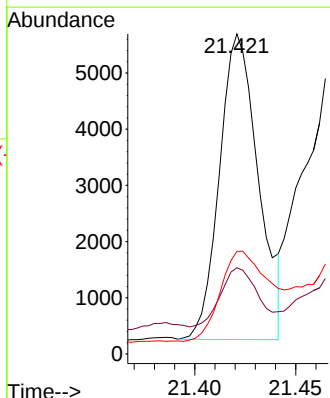
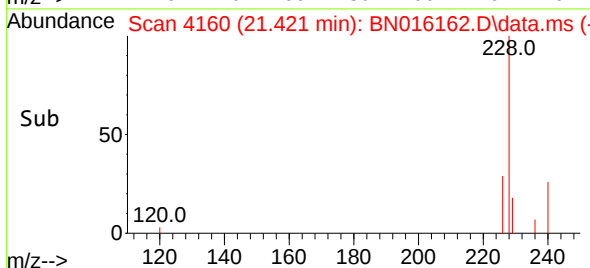
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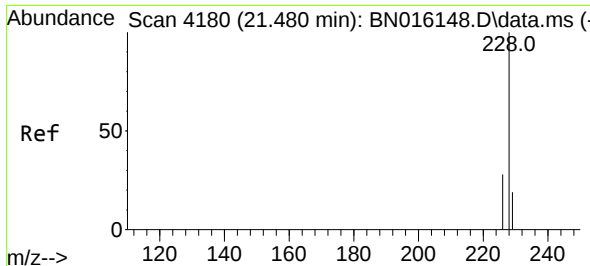


#21
Benzo(a)anthracene
Concen: 0.173 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.004 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49

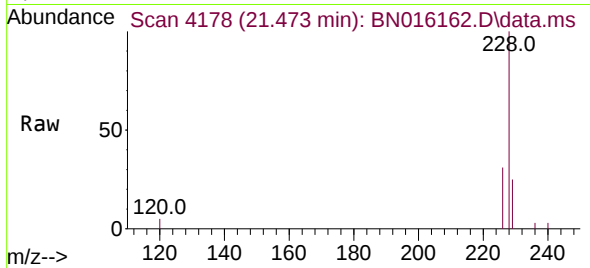


Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.0	15.7	23.5#
226	32.1	20.8	31.2#

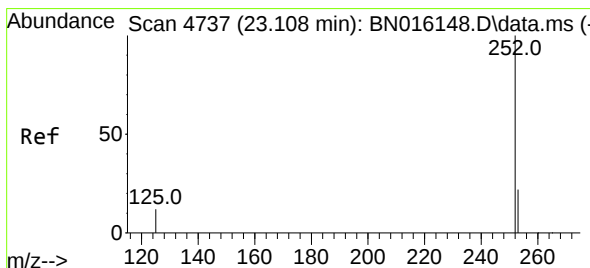
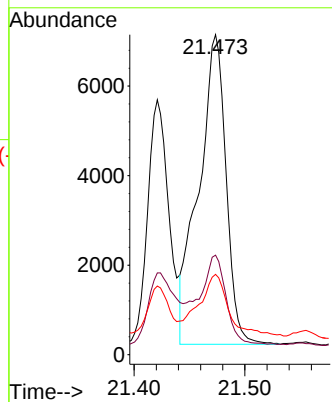
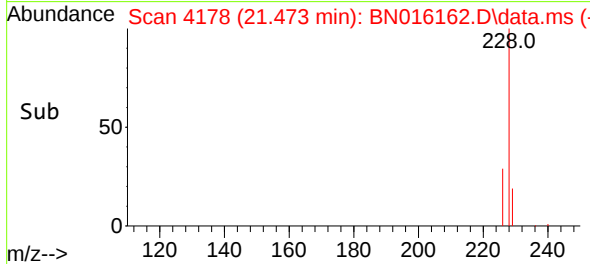




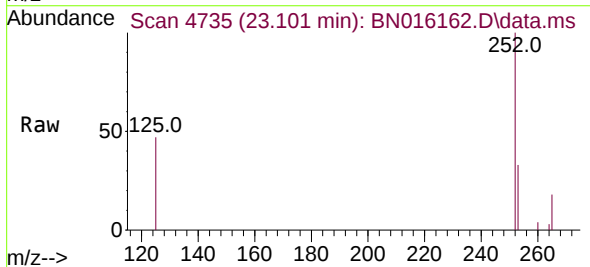
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Chrysene
Concen: 0.248 ng/ul
RT: 21.473 min Scan# 4178
Delta R.T. -0.004 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



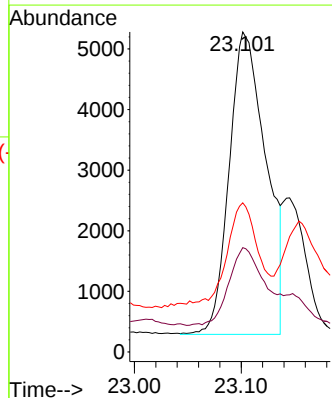
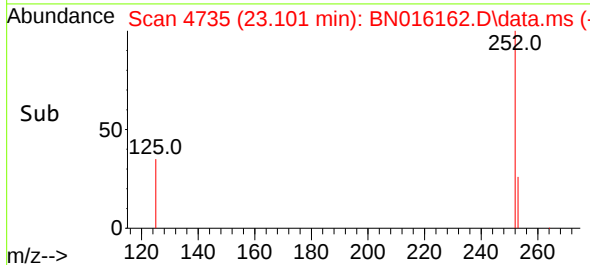
Tgt Ion:228 Resp: 11862
Ion Ratio Lower Upper
228 100
226 31.1 23.2 34.8
229 25.1 15.6 23.4#



#24
Benzo(b)fluoranthene
Concen: 0.233 ng/ul m
RT: 23.101 min Scan# 4735
Delta R.T. -0.004 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



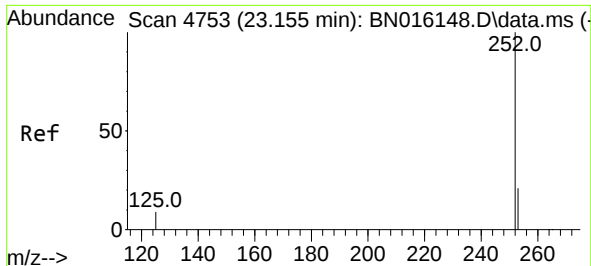
Tgt Ion:252 Resp: 11945
Ion Ratio Lower Upper
252 100
253 32.6 0.0 49.4
125 46.6 0.0 27.0#



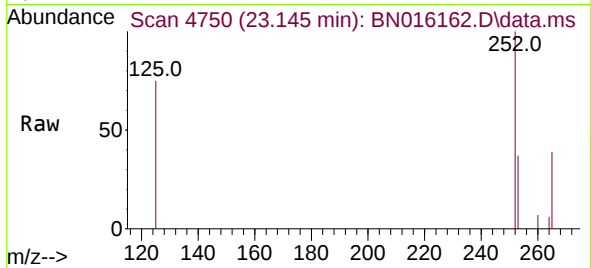
Instrument :
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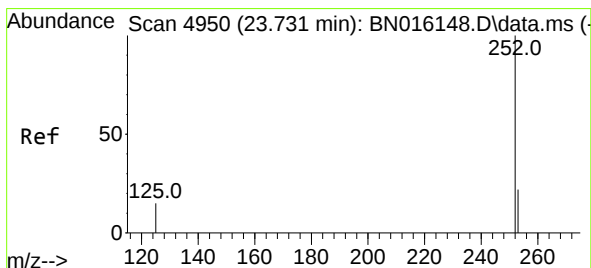
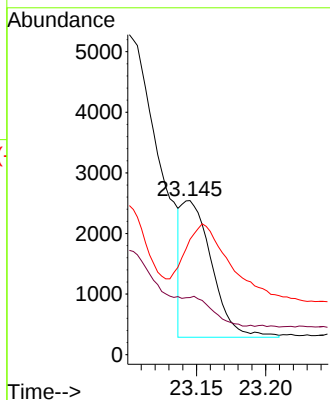
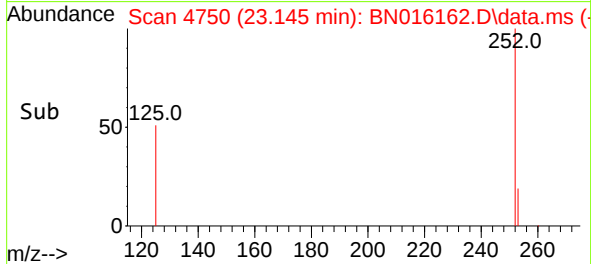
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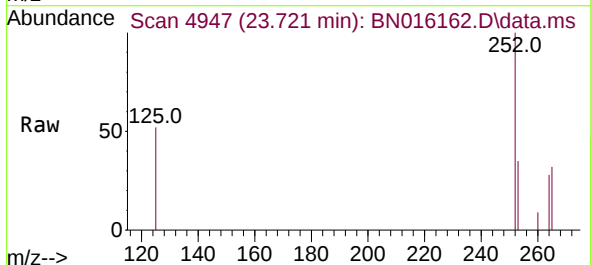
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Benzo(k)fluoranthene
Concen: 0.067 ng/ul m
RT: 23.145 min Scan# 4750
Delta R.T. -0.010 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



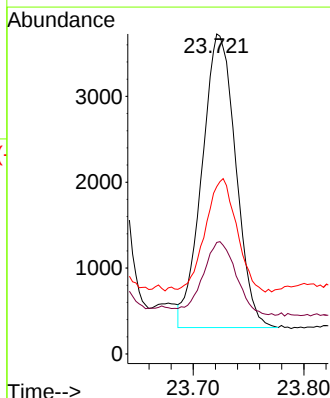
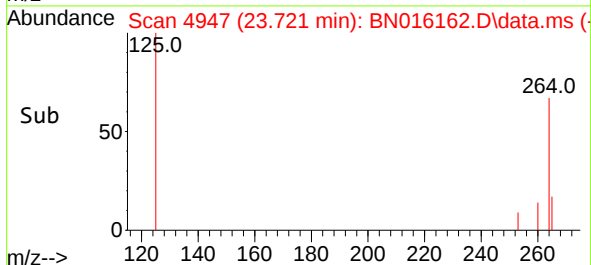
Tgt Ion:252 Resp: 3465
Ion Ratio Lower Upper
252 100
253 37.1 19.4 29.0#
125 74.9 10.9 16.3#



#26
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 23.721 min Scan# 4947
Delta R.T. -0.010 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



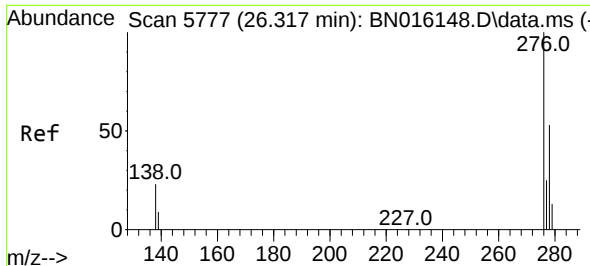
Tgt Ion:252 Resp: 7241
Ion Ratio Lower Upper
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253 34.9 20.2 30.2#
125 52.3 12.6 18.8#



Instrument :
BNA_N
ClientSampleId :
C0AB9DL

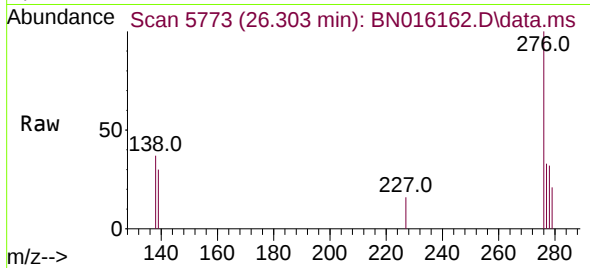
Manual Integrations
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul
RT: 26.303 min Scan# 5773
Delta R.T. -0.014 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49

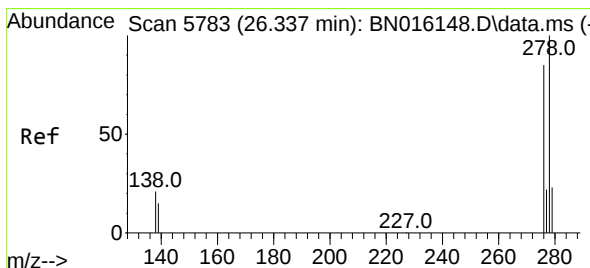
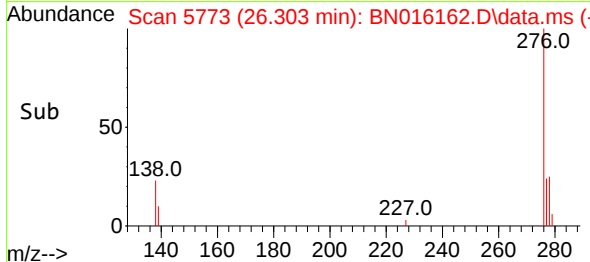
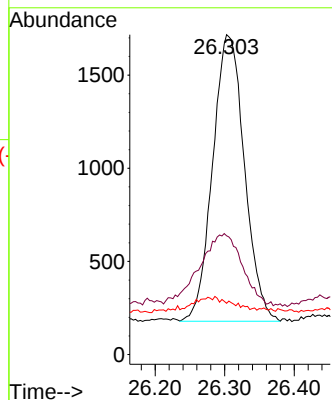
Instrument :
BNA_N
ClientSampleID :
C0AB9DL



Tgt Ion: 276 Resp: 4878
Ion Ratio Lower Upper
276 100
138 35.1 22.7 34.1#
227 5.5 0.2 0.2#

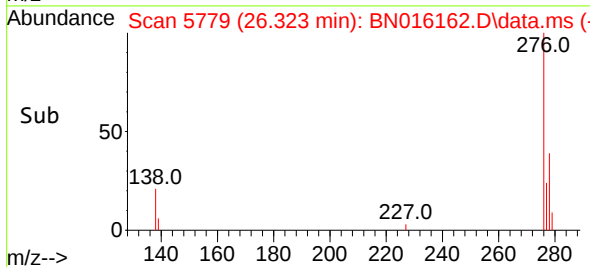
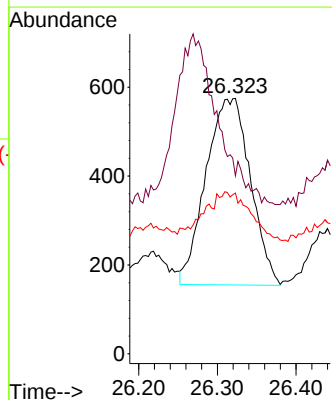
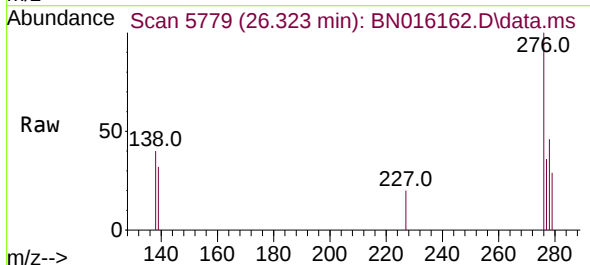
Manual Integrations
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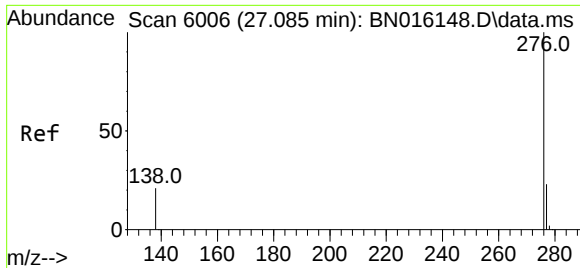
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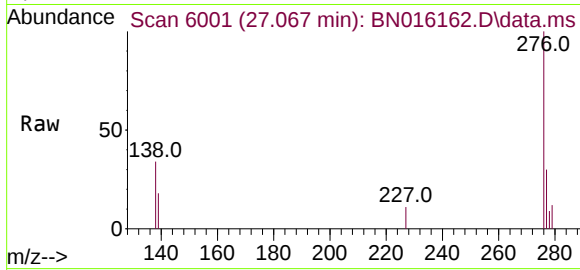
#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.007 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49

Tgt Ion: 278 Resp: 1652
Ion Ratio Lower Upper
278 100
139 69.7 15.1 22.7#
279 63.0 20.5 30.7#

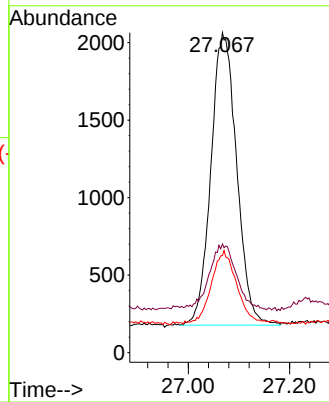
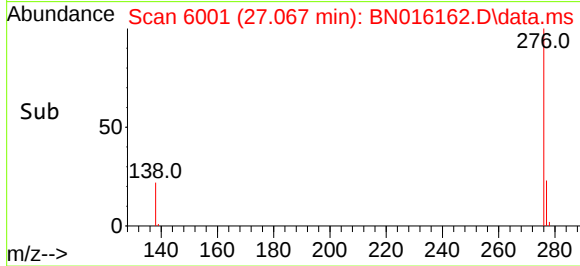




#29
Benzo(g,h,i)perylene
Concen: 0.137 ng/ul
RT: 27.067 min Scan# 6001
Delta R.T. -0.007 min
Lab File: BN016162.D
Acq: 03 Sep 2021 06:49



Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.0	19.3	28.9#
277	30.3	19.8	29.8#



Instrument :
BNA_N
ClientSampleId :
C0AB9DL

Manual Integrations
APPROVED

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