

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016082.D
 Acq On : 26 Aug 2021 22:45
 Operator : CG/JU
 Sample : M3518-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B06

Manual Integrations
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Quant Time: Aug 27 03:30:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1319	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	5829	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	3684	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	7730	0.400	ng/ul	0.00
17) Chrysene-d12	21.430	240	7434	0.400	ng/ul	0.00
23) Perylene-d12	23.815	264	6998	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	4818	2.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	1715	0.195	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	4579	0.229	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	5882	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	5433	0.534	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	4333	0.435	ng/ul	100
10) Acenaphthylene	14.224	152	827	0.064	ng/ul#	73
11) Acenaphthene	14.566	153	284	0.025	ng/ul#	84
12) Fluorene	15.552	166	364	0.027	ng/ul#	85
15) Phenanthrene	17.288	178	11563	0.542	ng/ul	99
16) Anthracene	17.377	178	1400	0.076	ng/ul#	86
19) Fluoranthene	19.304	202	17890	0.770	ng/ul	99
20) Pyrene	19.666	202	15975	0.683	ng/ul	99
21) Benzo(a)anthracene	21.416	228	8677	0.375	ng/ul	95
22) Chrysene	21.465	228	12554	0.504	ng/ul	98
24) Benzo(b)fluoranthene	23.090	252	16903m	0.647	ng/ul	
25) Benzo(k)fluoranthene	23.131	252	6146m	0.234	ng/ul	
26) Benzo(a)pyrene	23.707	252	7976	0.363	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.276	276	7166	0.247	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.293	278	1864	0.076	ng/ul#	53
29) Benzo(g,h,i)perylene	27.041	276	6356	0.254	ng/ul	95

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

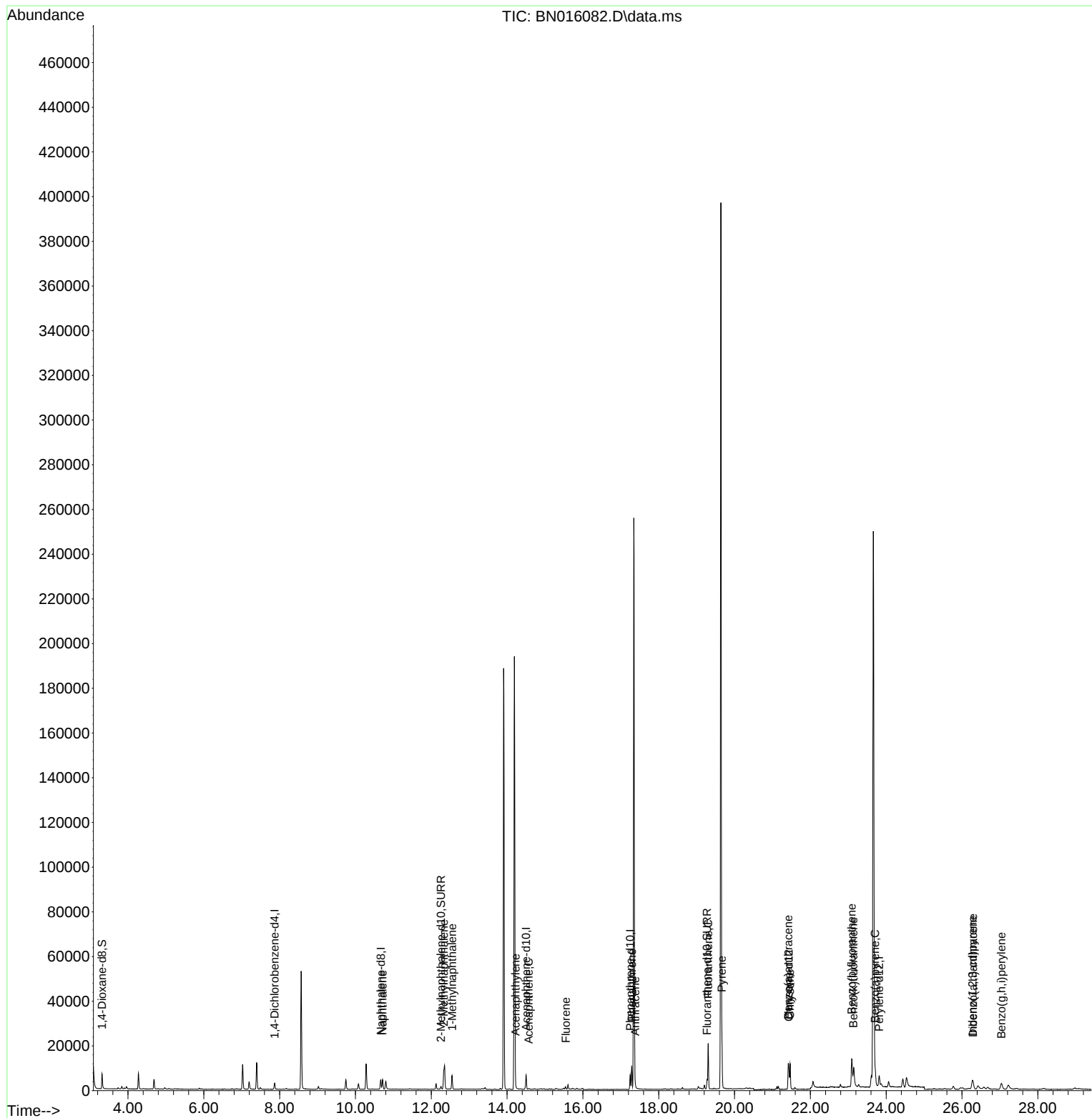
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Data File : BN016082.D
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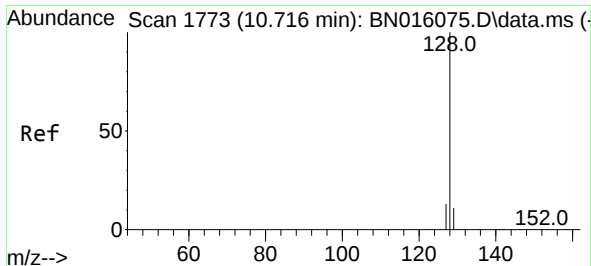
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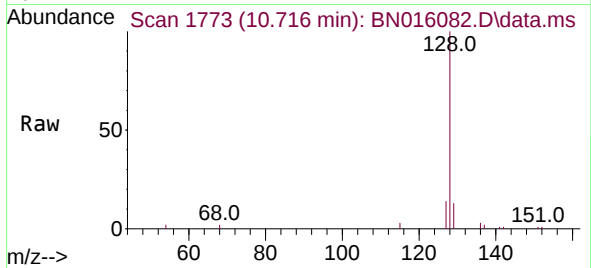
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
Response via : Initial Calibration

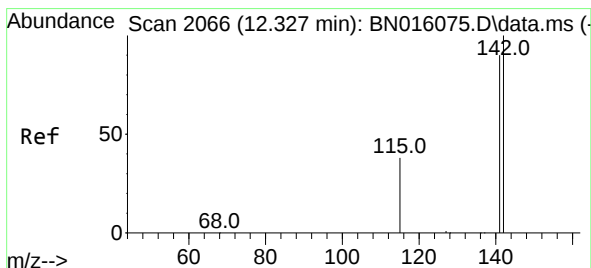
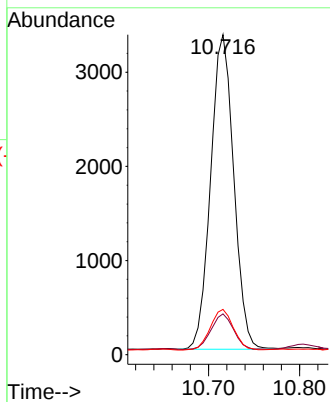
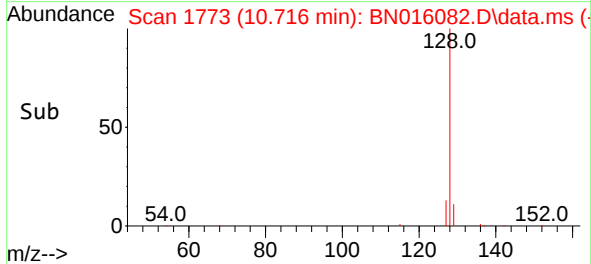




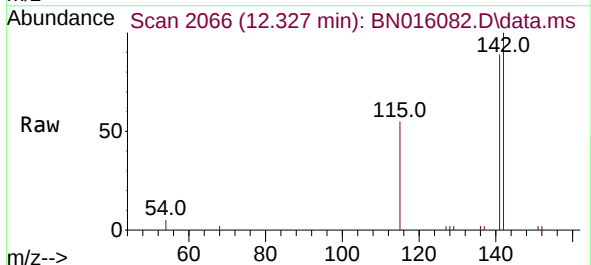
#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



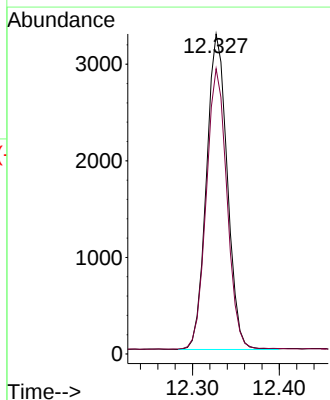
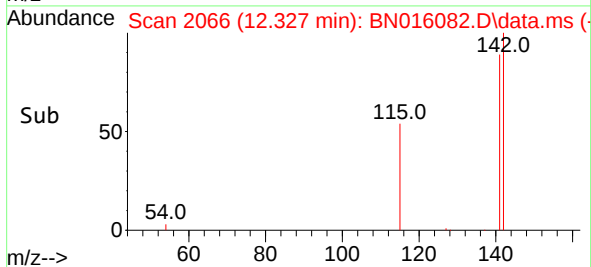
Tgt Ion:128 Resp: 5882
Ion Ratio Lower Upper
128 100
129 12.7 9.7 14.5
127 14.2 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.534 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



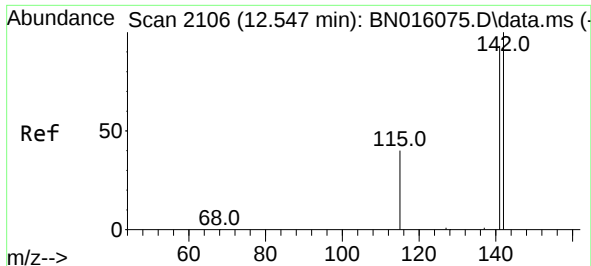
Tgt Ion:142 Resp: 5433
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.6



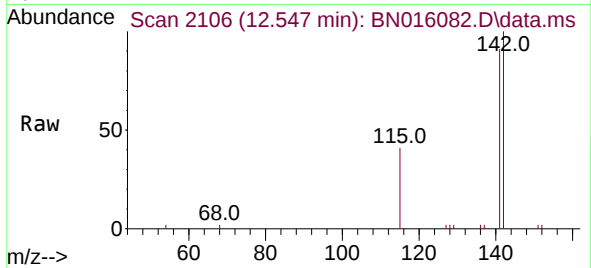
Instrument :
BNA_N
ClientSampled :
C0B06

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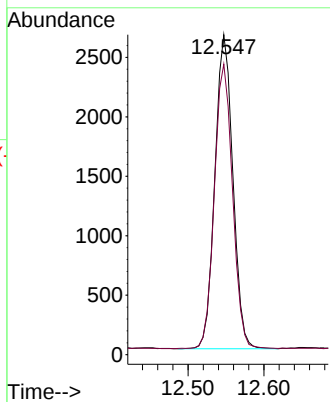
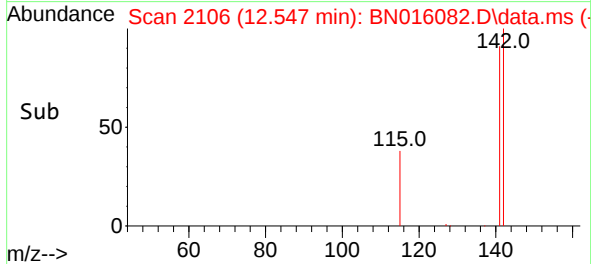
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#8
1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



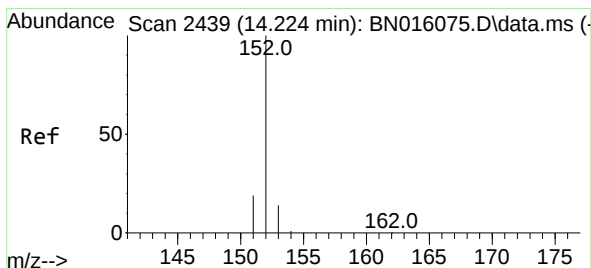
Tgt Ion:142 Resp: 4333
Ion Ratio Lower Upper
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141 91.5 72.8 109.2



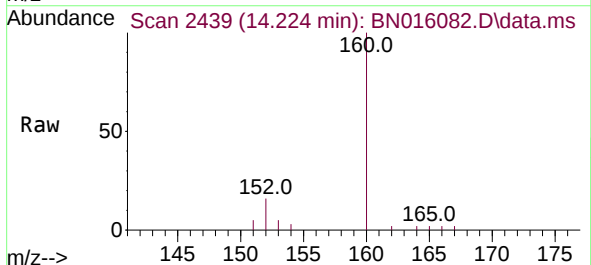
Instrument :
BNA_N
ClientSampled :
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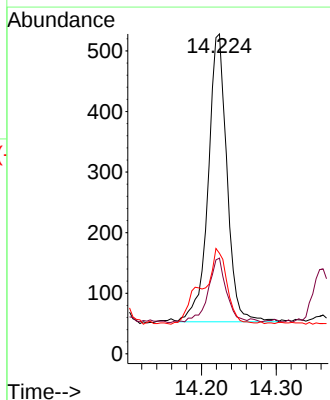
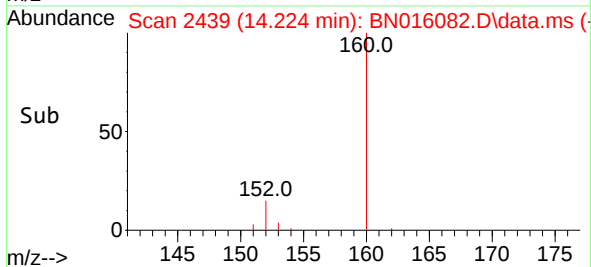
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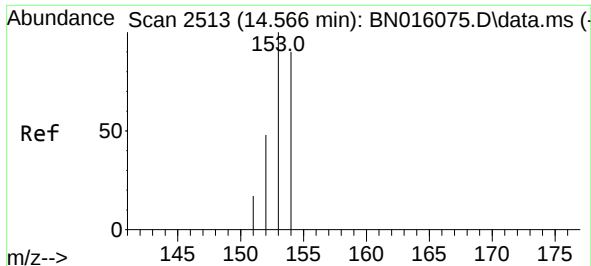


#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45

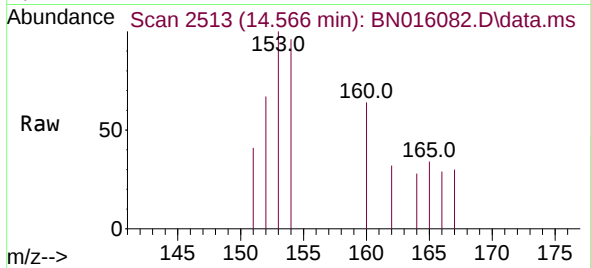


Tgt Ion:152 Resp: 827
Ion Ratio Lower Upper
152 100
151 29.9 17.0 25.6#
153 31.4 11.8 17.6#

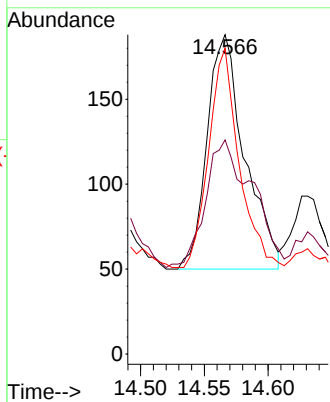
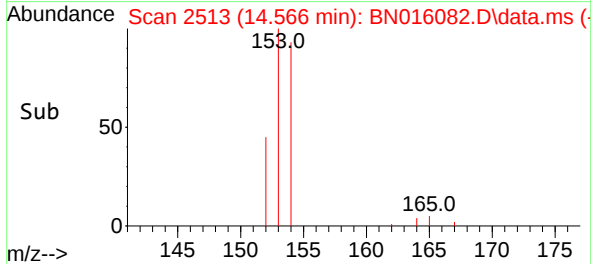




#11
Acenaphthene
Concen: 0.025 ng/uI
RT: 14.566 min Scan# 2513
Delta R.T. 0.005 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



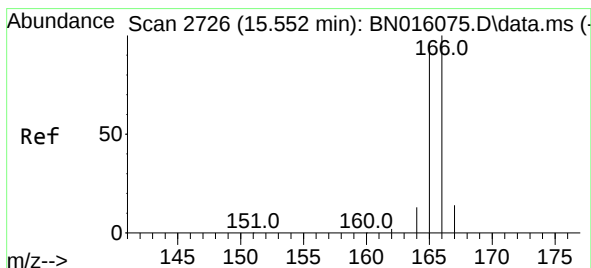
Tgt Ion:153 Resp: 284
Ion Ratio Lower Upper
153 100
152 67.0 38.3 57.5#
154 95.7 70.2 105.2



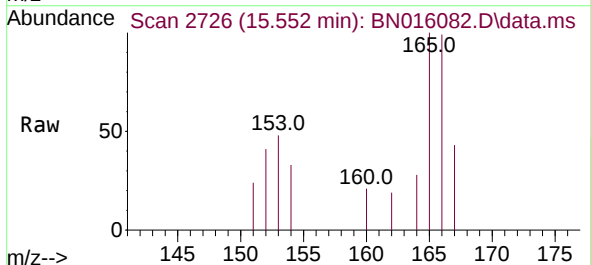
Instrument :
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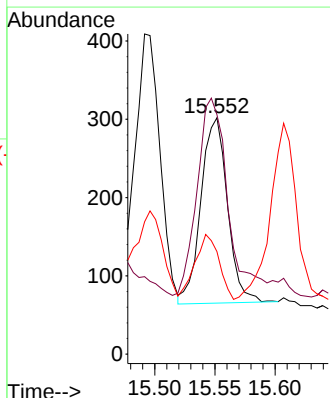
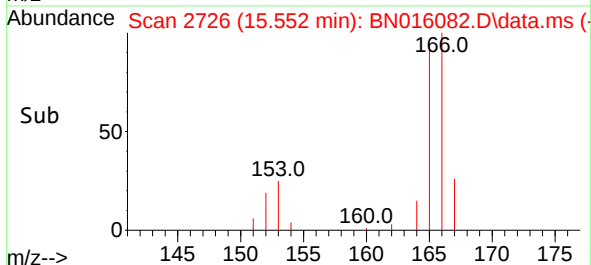
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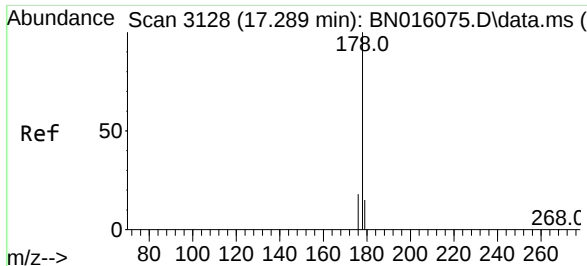


#12
Fluorene
Concen: 0.027 ng/uI
RT: 15.552 min Scan# 2726
Delta R.T. 0.005 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



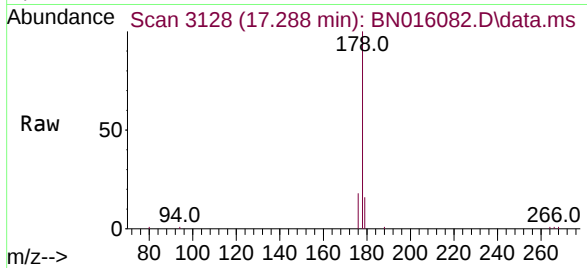
Tgt Ion:166 Resp: 364
Ion Ratio Lower Upper
166 100
165 101.3 76.2 114.2
167 43.4 11.5 17.3#





#15
Phenanthrene
Concen: 0.542 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45

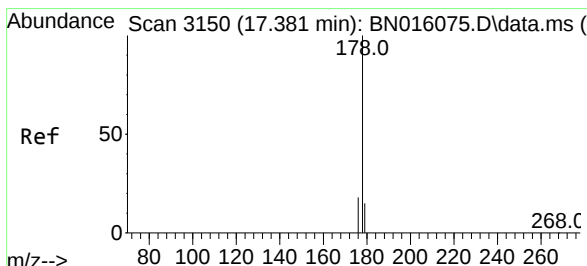
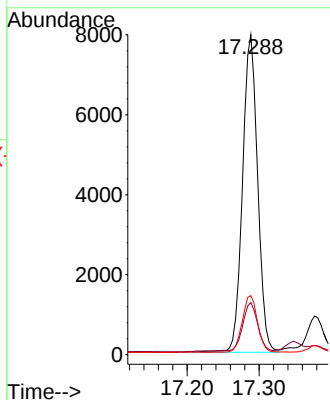
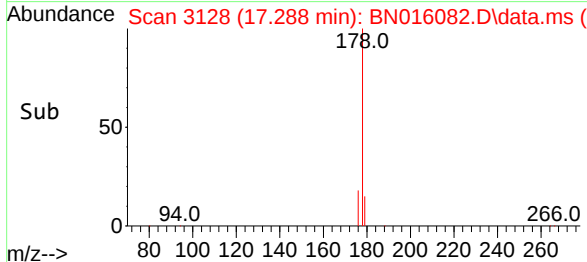
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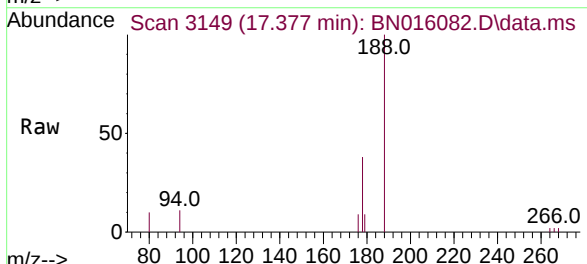
Tgt Ion:178 Resp: 11563
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.2
176 18.4 15.0 22.4

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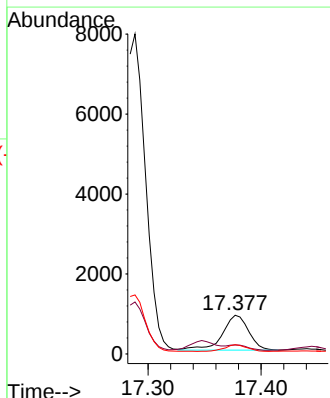
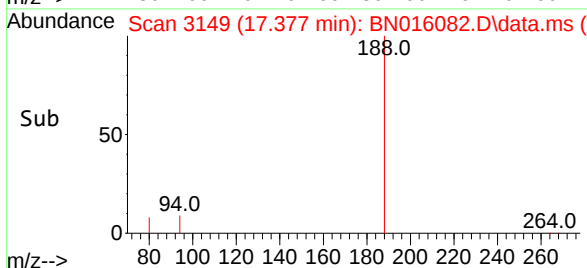
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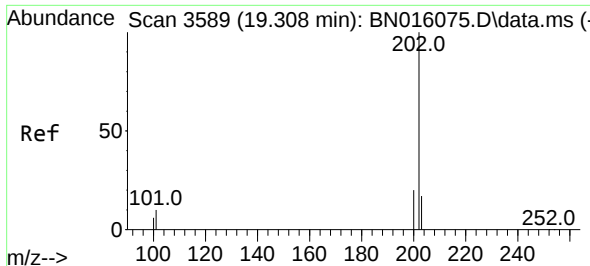


#16
Anthracene
Concen: 0.076 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



Tgt Ion:178 Resp: 1400
Ion Ratio Lower Upper
178 100
179 23.3 13.4 20.0#
176 24.2 14.9 22.3#





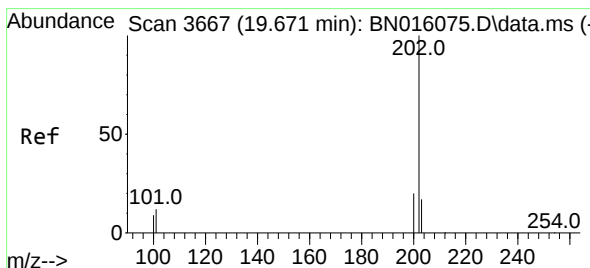
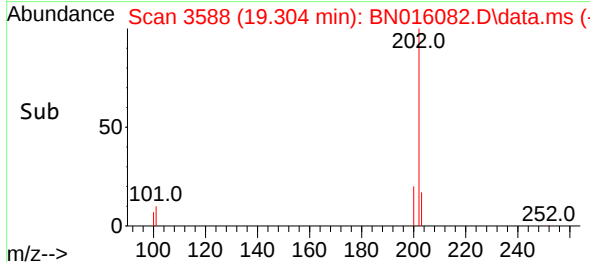
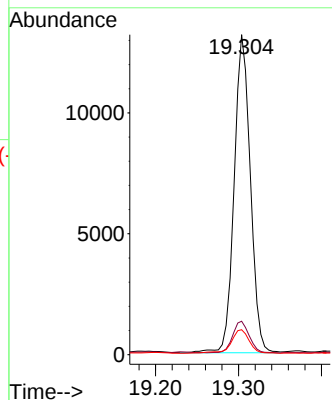
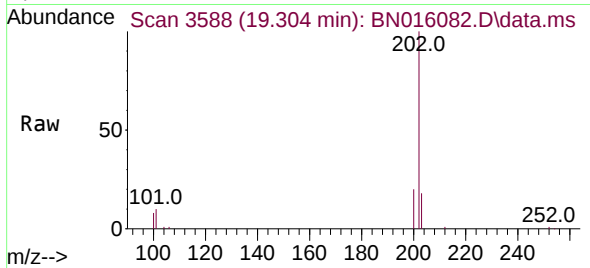
#19
Fluoranthene
Concen: 0.770 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. -0.000 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45

Tgt Ion:202 Resp: 17890
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 7.8 6.6 9.8

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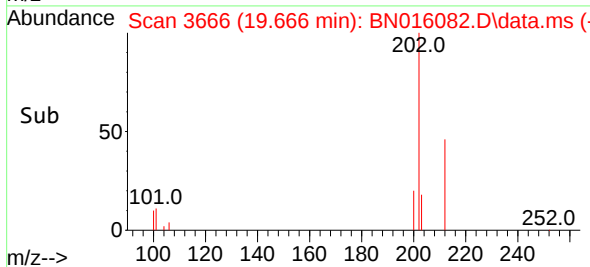
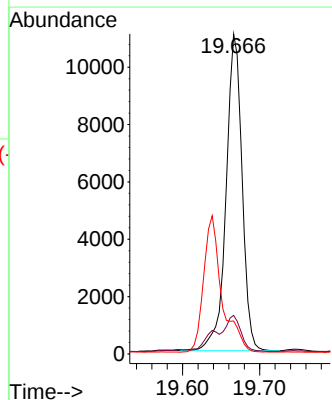
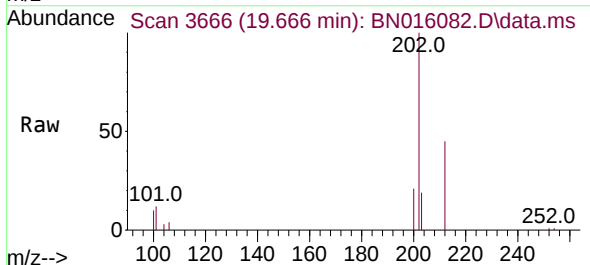
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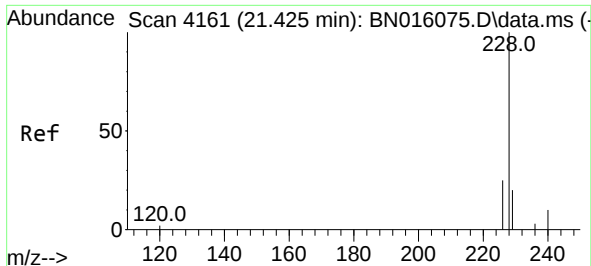
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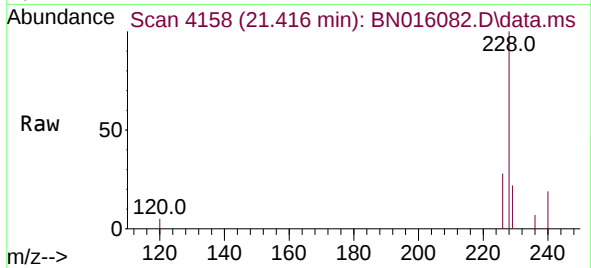
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Pyrene
Concen: 0.683 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45

Tgt Ion:202 Resp: 15975
Ion Ratio Lower Upper
202 100
101 12.1 10.0 15.0
100 10.3 8.4 12.6

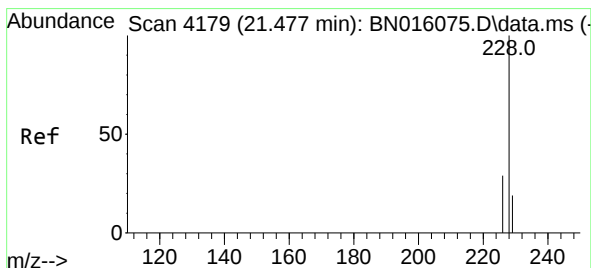
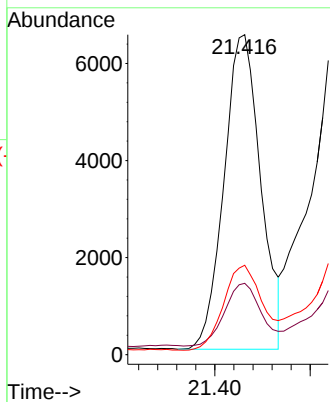
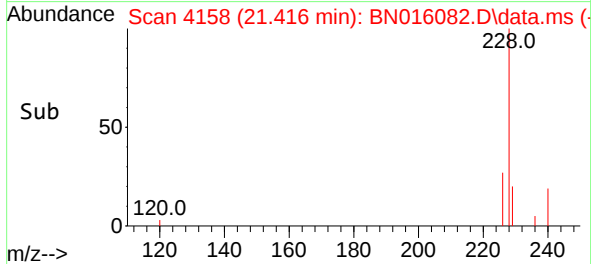




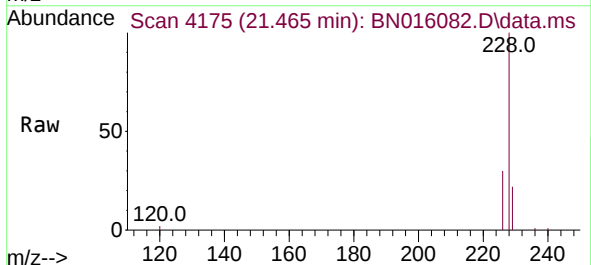
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Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.416 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



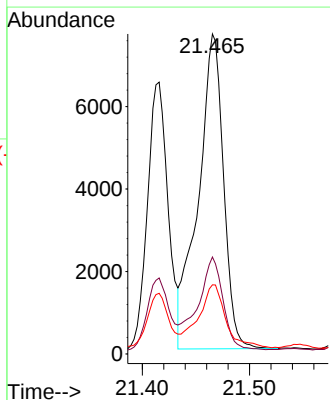
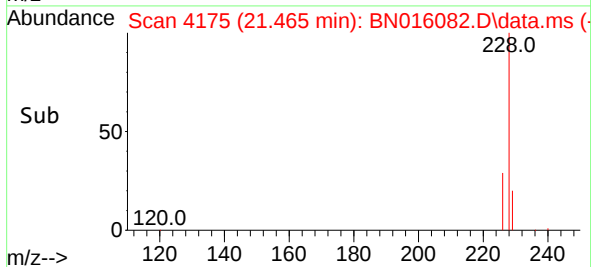
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Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 28.0 20.6 31.0



#22
Chrysene
Concen: 0.504 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



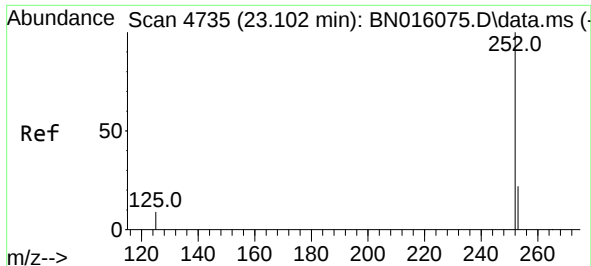
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Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 21.6 16.4 24.6



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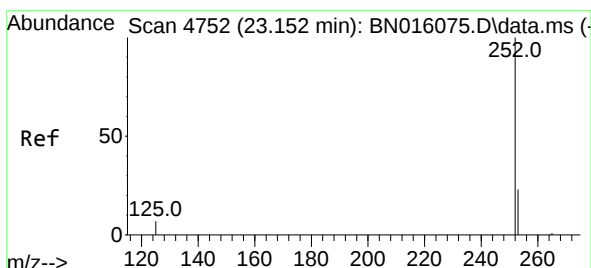
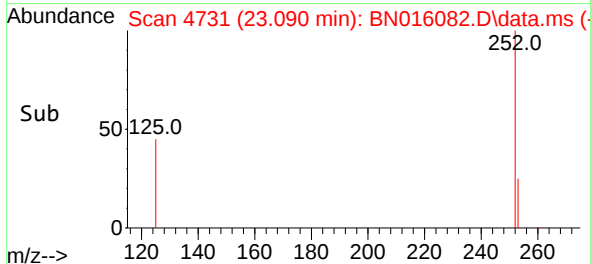
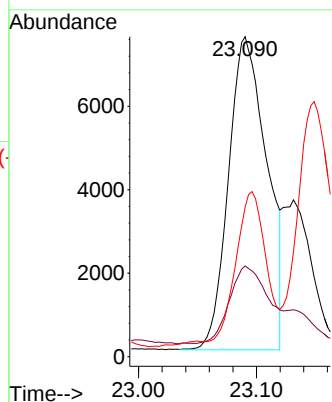
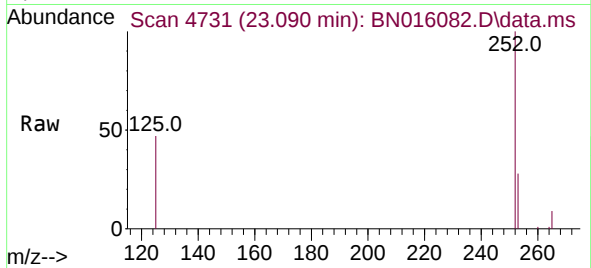
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Benzo(b)fluoranthene
Concen: 0.647 ng/ul m
RT: 23.090 min Scan# 4731
Delta R.T. -0.000 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45

Tgt Ion:252 Resp: 16903
Ion Ratio Lower Upper
252 100
253 28.4 0.0 50.6
125 46.7 0.0 21.6#

Instrument :
BNA_N
ClientSampled :
C0B06

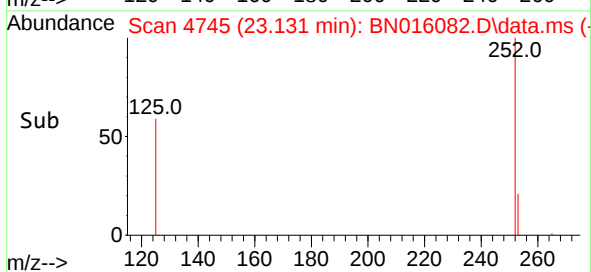
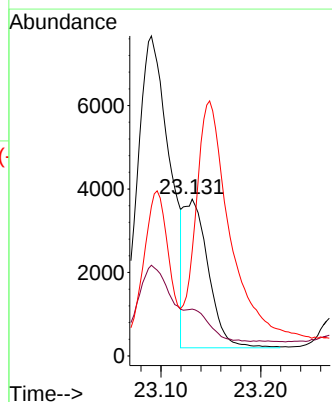
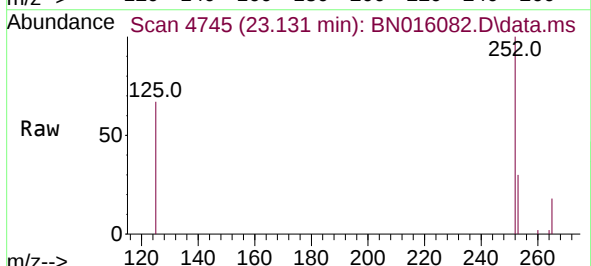
Manual Integrations
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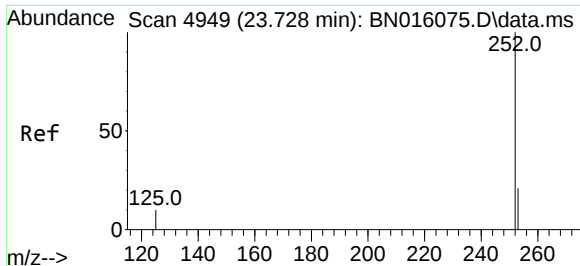
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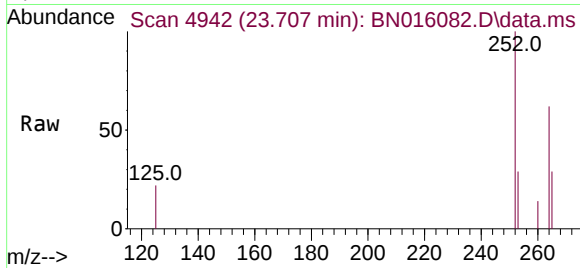
#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul m
RT: 23.131 min Scan# 4745
Delta R.T. -0.006 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45

Tgt Ion:252 Resp: 6146
Ion Ratio Lower Upper
252 100
253 29.9 20.7 31.1
125 67.1 8.2 12.4#

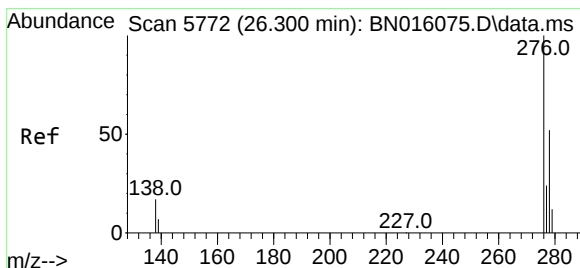
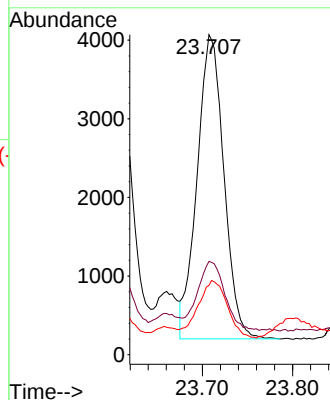
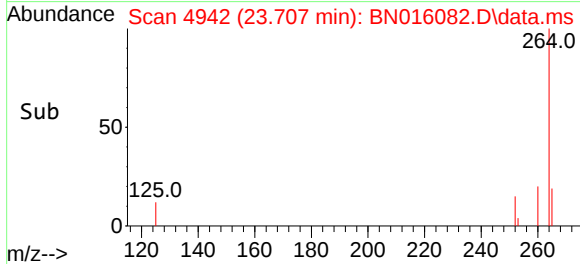




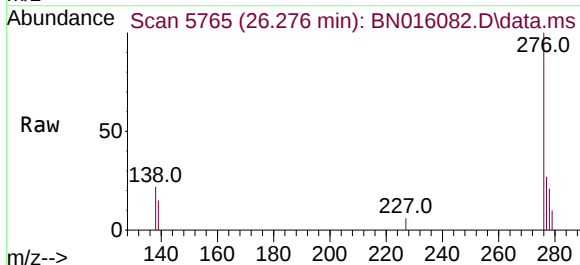
#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.707 min Scan# 4942
Delta R.T. -0.003 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



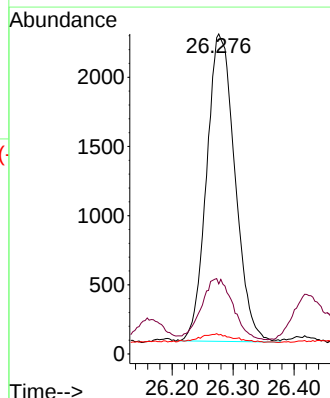
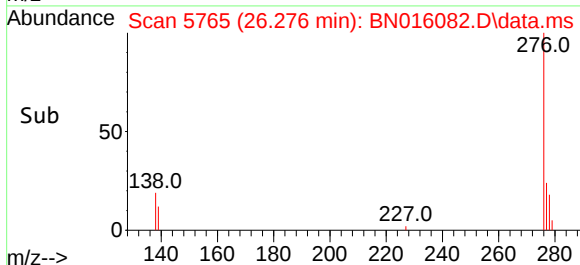
Tgt Ion:252 Resp: 7976
Ion Ratio Lower Upper
252 100
253 29.1 22.1 33.1
125 21.6 10.2 15.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng/ul
RT: 26.276 min Scan# 5765
Delta R.T. -0.013 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



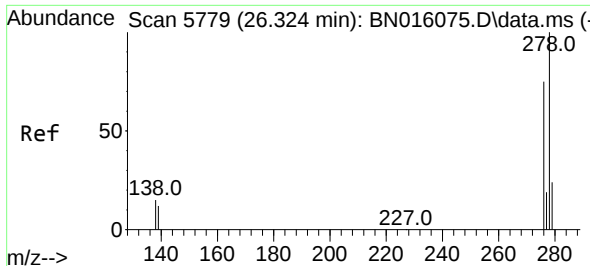
Tgt Ion:276 Resp: 7166
Ion Ratio Lower Upper
276 100
138 22.0 15.1 22.7
227 3.2 0.1 0.1#



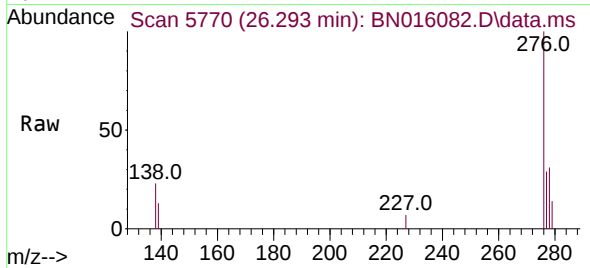
Instrument :
BNA_N
ClientSampled :
C0B06

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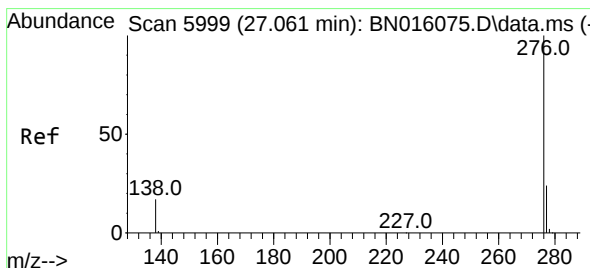
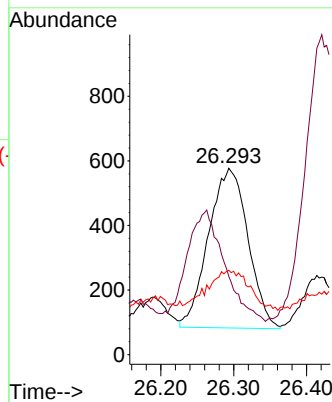
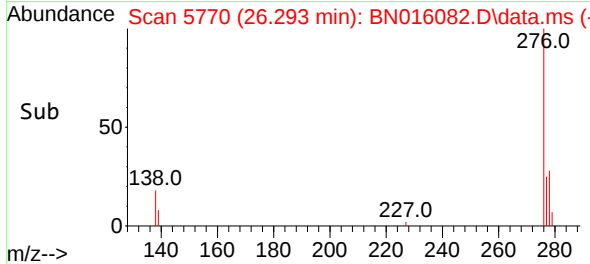
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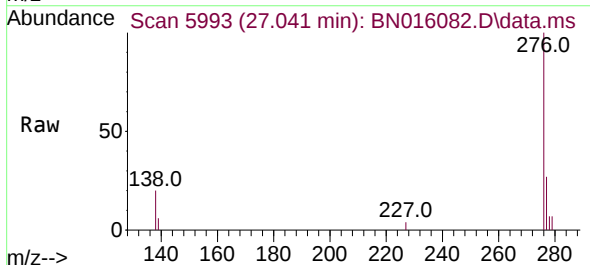
#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.293 min Scan# 5770
Delta R.T. -0.007 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



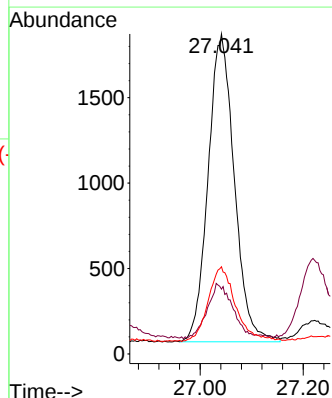
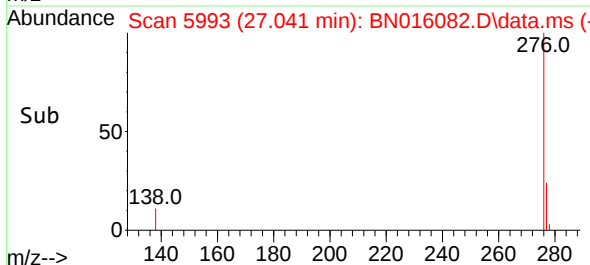
Tgt Ion: 278 Resp: 1864
Ion Ratio Lower Upper
278 100
139 41.9 12.0 18.0#
279 45.2 21.0 31.6#



#29
Benzo(g,h,i)perylene
Concen: 0.254 ng/ul
RT: 27.041 min Scan# 5993
Delta R.T. 0.003 min
Lab File: BN016082.D
Acq: 26 Aug 2021 22:45



Tgt Ion: 276 Resp: 6356
Ion Ratio Lower Upper
276 100
138 20.2 13.8 20.8
277 27.3 20.5 30.7



Instrument :
BNA_N
ClientSampleId :
C0B06

Manual Integrations
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