

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016107.D
 Acq On : 27 Aug 2021 15:17
 Operator : CG/JU
 Sample : M3458-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3DL

Manual Integrations
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Quant Time: Aug 27 15:53:10 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 : Fri Aug 27 10:53:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1572	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	6920	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4388	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	9130	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	8971	0.400	ng/ul	0.00
23) Perylene-d12	23.824	264	8242	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2012	0.945	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	747	0.072	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	1870	0.077	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	2123	0.119	ng/ul#	92
7) 2-Methylnaphthalene	12.327	142	1552	0.128	ng/ul	97
8) 1-Methylnaphthalene	12.547	142	1273	0.108	ng/ul	98
10) Acenaphthylene	14.219	152	1352	0.087	ng/ul#	91
15) Phenanthrene	17.289	178	13429	0.533	ng/ul	99
16) Anthracene	17.377	178	1849	0.085	ng/ul#	92
19) Fluoranthene	19.304	202	24321	0.868	ng/ul	100
20) Pyrene	19.666	202	20384	0.722	ng/ul	99
21) Benzo(a)anthracene	21.422	228	10325	0.370	ng/ul	97
22) Chrysene	21.474	228	13460	0.448	ng/ul	98
24) Benzo(b)fluoranthene	23.099	252	17518m	0.570	ng/ul	
25) Benzo(k)fluoranthene	23.140	252	7075m	0.228	ng/ul	
26) Benzo(a)pyrene	23.722	252	8275	0.320	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.293	276	7407	0.216	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.300	278	2224	0.077	ng/ul#	71
29) Benzo(g,h,i)perylene	27.055	276	995	0.034	ng/ul#	65

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

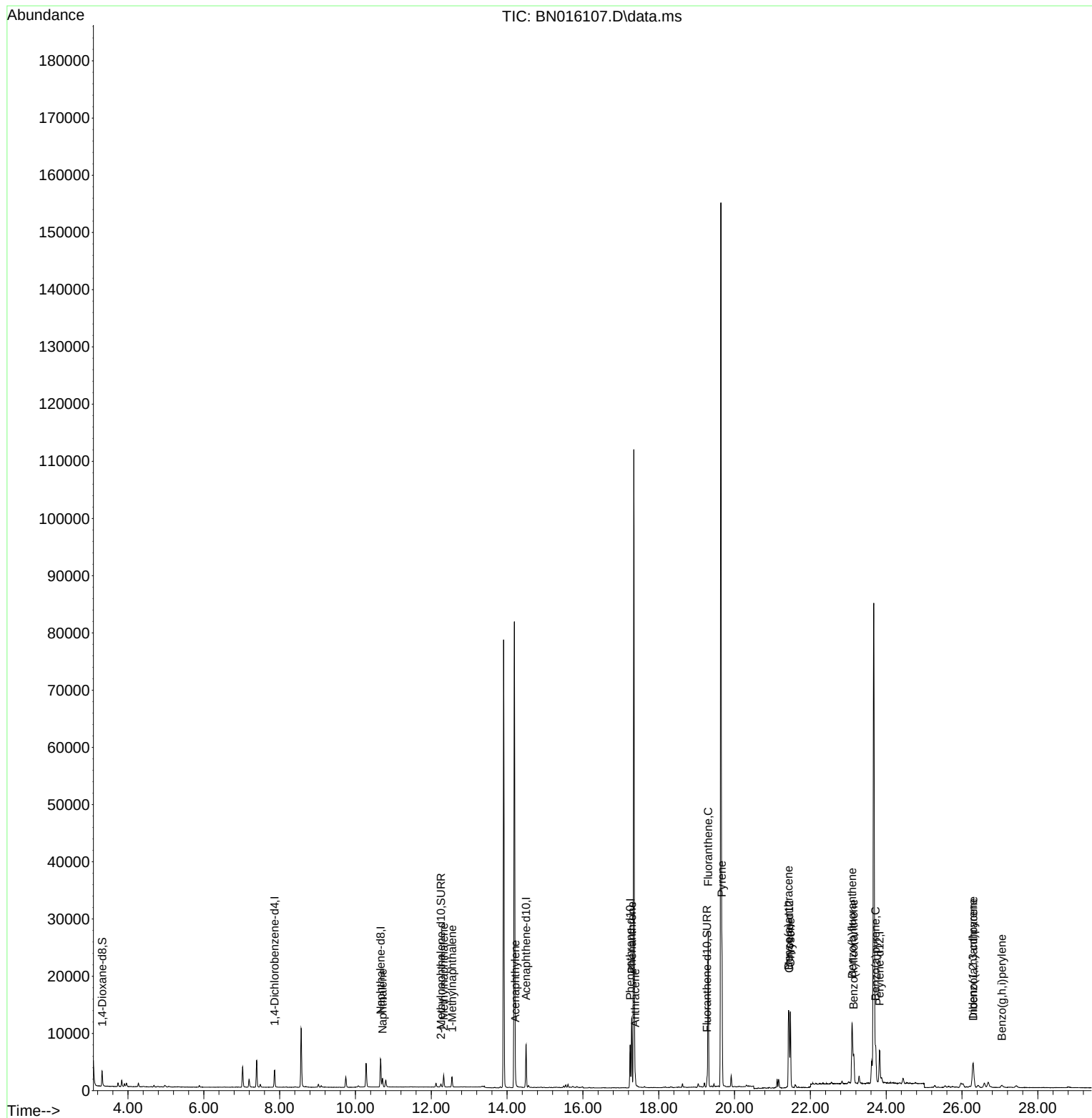
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
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ALS Vial : 11 Sample Multiplier: 1

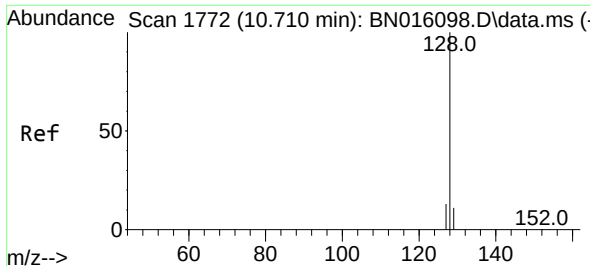
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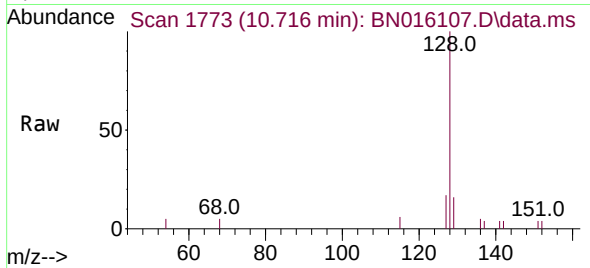
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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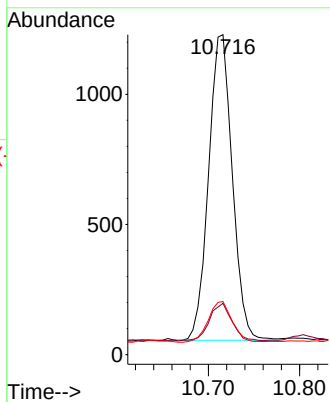
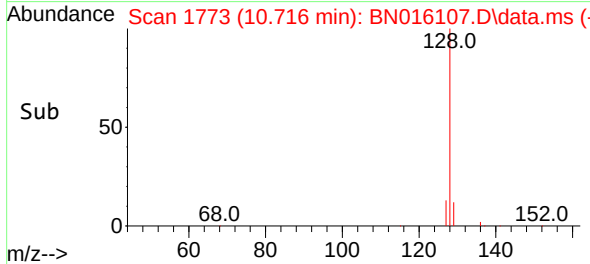




#5
Naphthalene
Concen: 0.119 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17



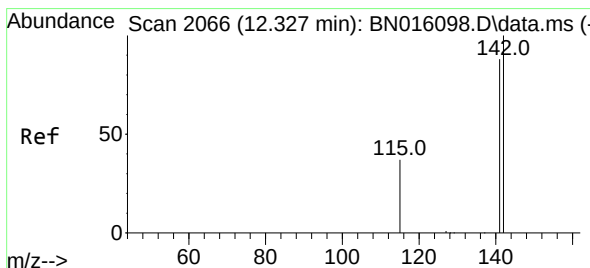
Tgt Ion:128 Resp: 2123
Ion Ratio Lower Upper
128 100
129 16.0 9.7 14.5#
127 16.6 11.1 16.7



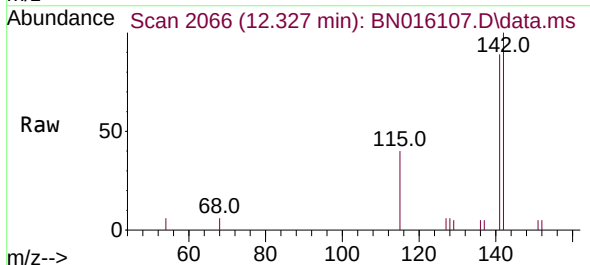
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BNA_N
ClientSampleId :
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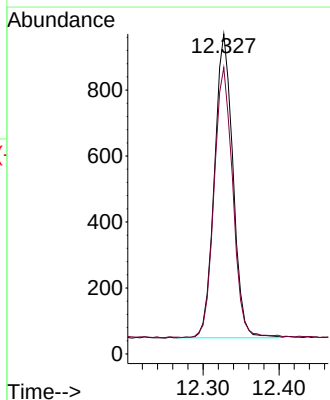
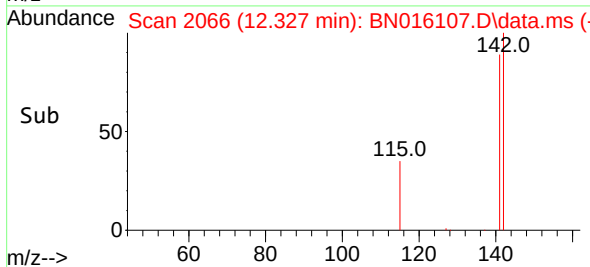
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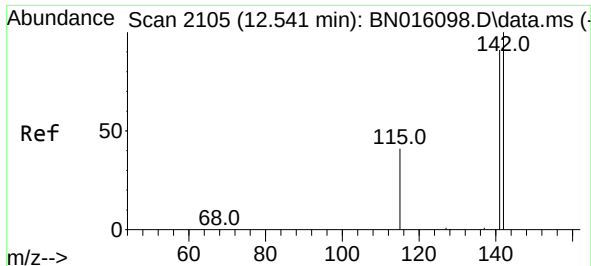


#7
2-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

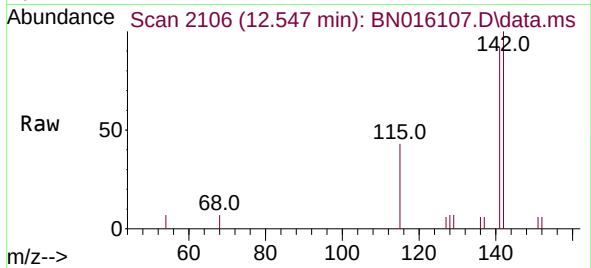


Tgt Ion:142 Resp: 1552
Ion Ratio Lower Upper
142 100
141 89.8 69.8 104.6

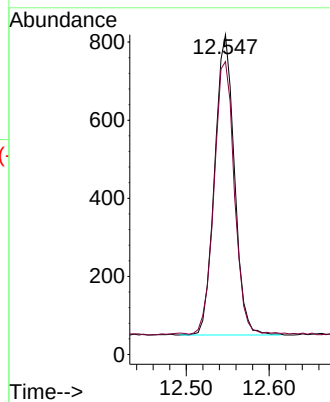
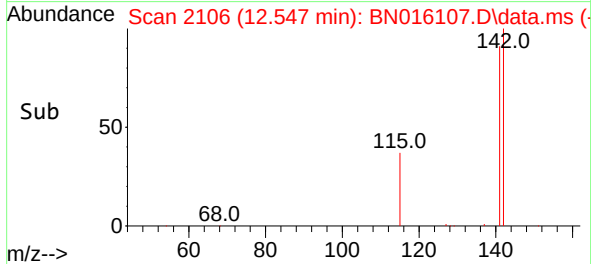




#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17



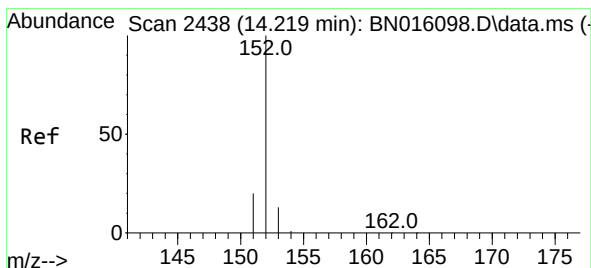
Tgt Ion:142 Resp: 1273
Ion Ratio Lower Upper
142 100
141 93.2 72.8 109.2



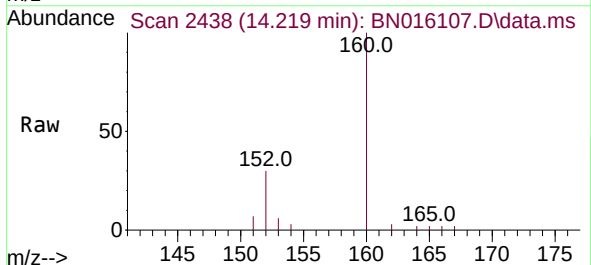
Instrument :
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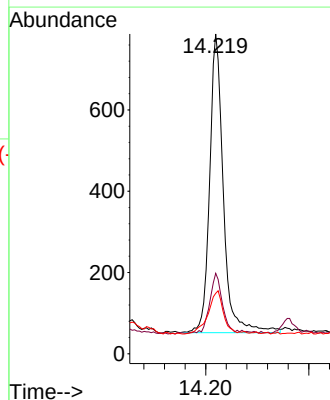
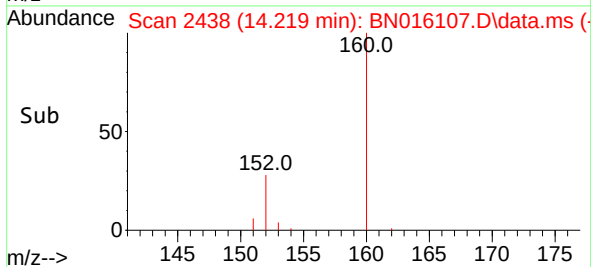
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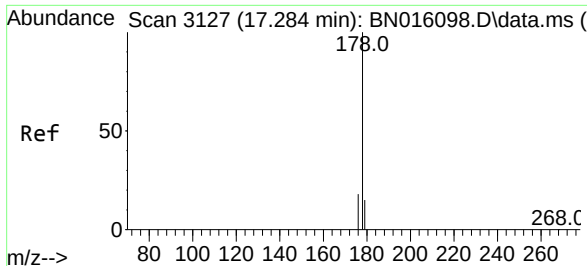


#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17



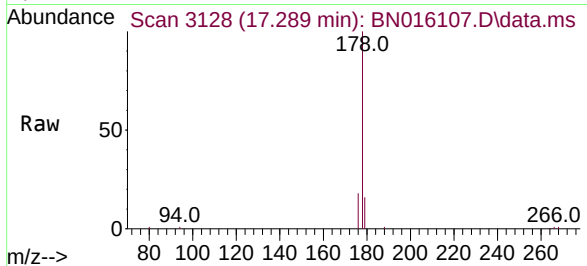
Tgt Ion:152 Resp: 1352
Ion Ratio Lower Upper
152 100
151 25.2 17.0 25.6
153 18.9 11.8 17.6#





#15
Phenanthrene
Concen: 0.533 ng/ul
RT: 17.289 min Scan# 3128
Delta R.T. 0.005 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

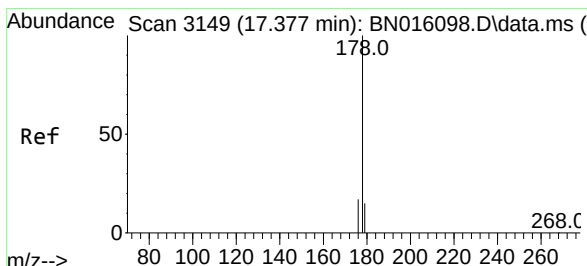
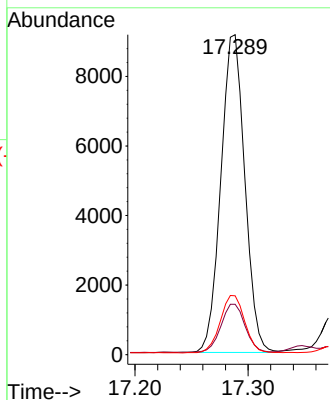
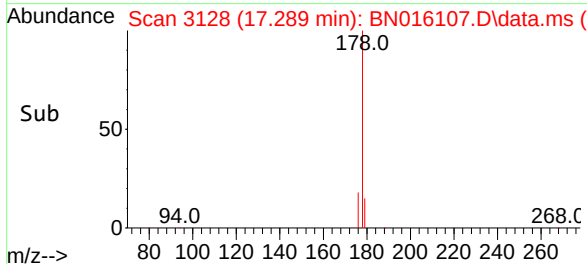
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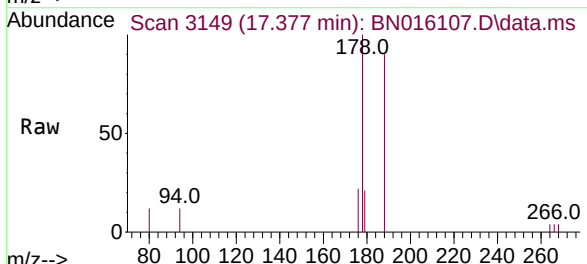
Tgt Ion:178 Resp: 13429
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.2
176 18.4 15.0 22.4

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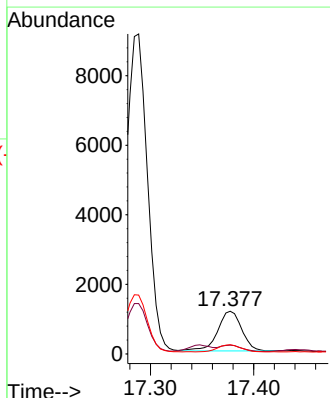
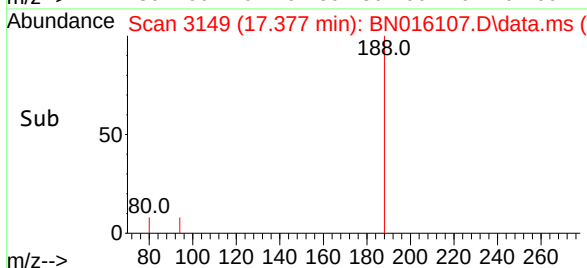
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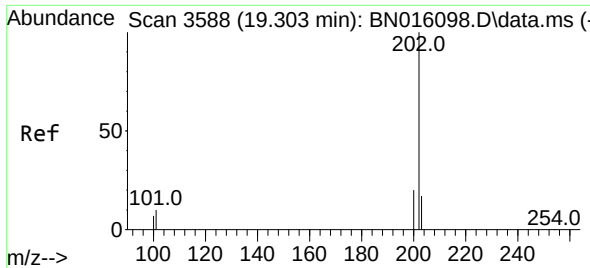


#16
Anthracene
Concen: 0.085 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17



Tgt Ion:178 Resp: 1849
Ion Ratio Lower Upper
178 100
179 20.6 13.4 20.0#
176 21.6 14.9 22.3





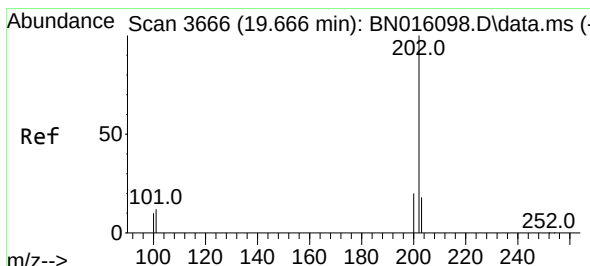
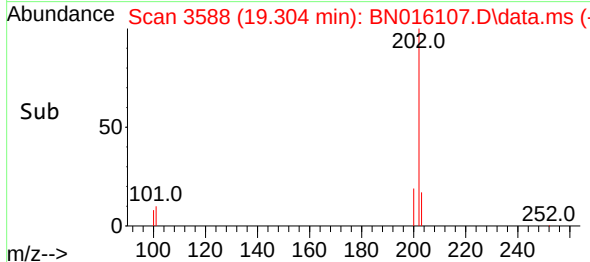
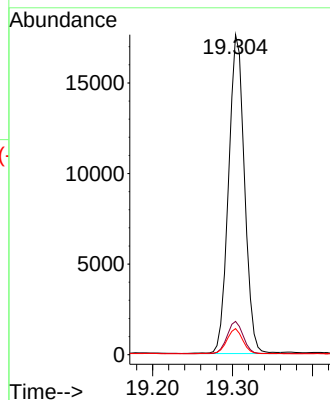
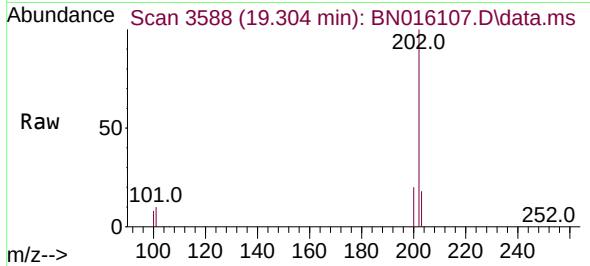
#19
Fluoranthene
Concen: 0.868 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. 0.000 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

Tgt Ion:	202	Resp:	24321
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.3	12.5
100	8.2	6.6	9.8

Instrument :
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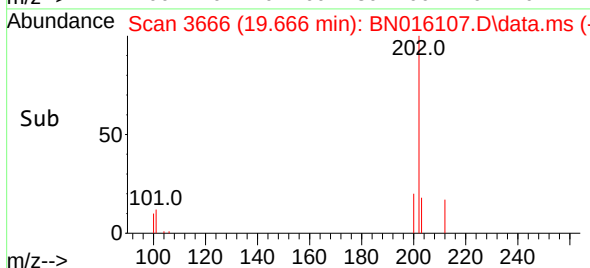
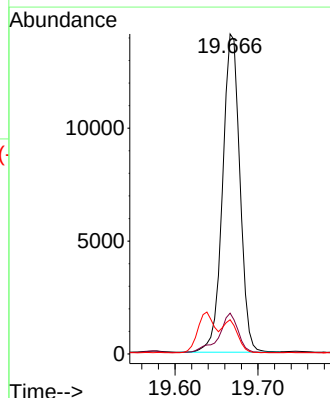
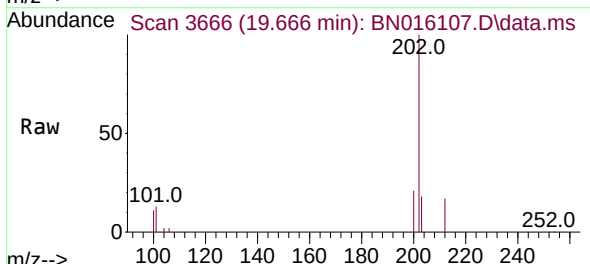
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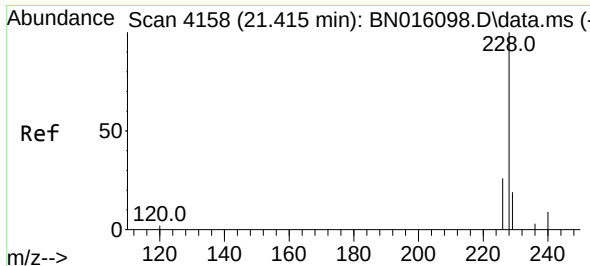
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#20
Pyrene
Concen: 0.722 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

Tgt Ion:	202	Resp:	20384
Ion Ratio	Lower	Upper	
202	100		
101	12.7	10.0	15.0
100	10.7	8.4	12.6





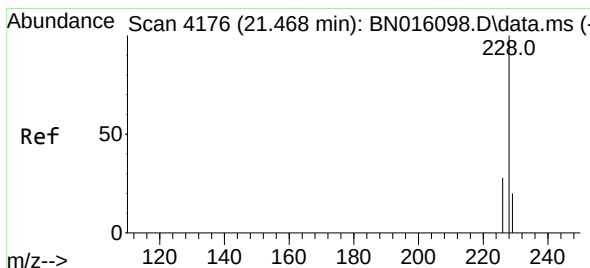
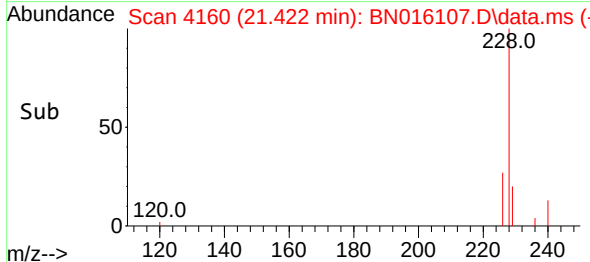
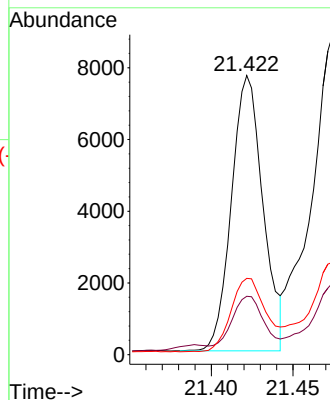
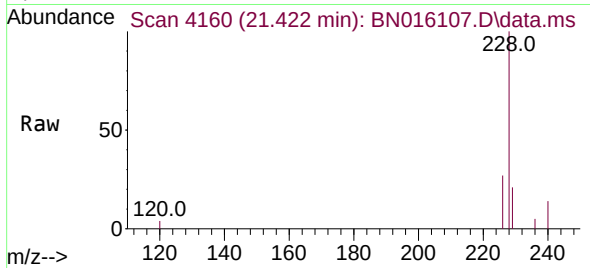
#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. 0.006 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	27.3	20.6	31.0

Instrument :
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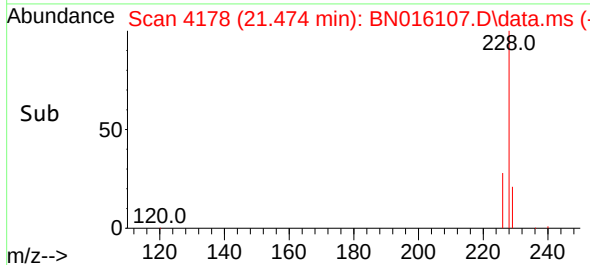
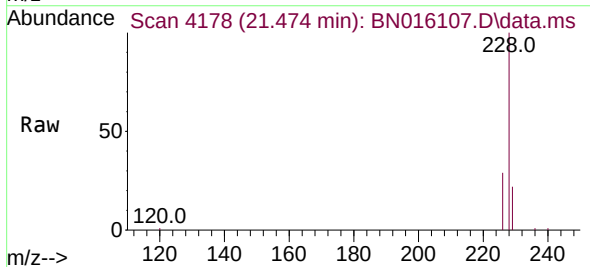
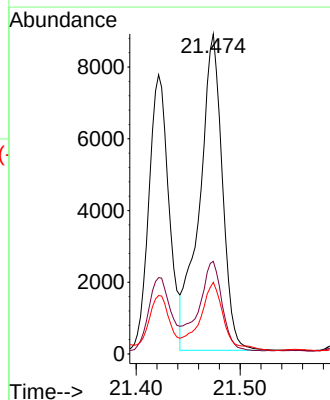
Manual Integrations
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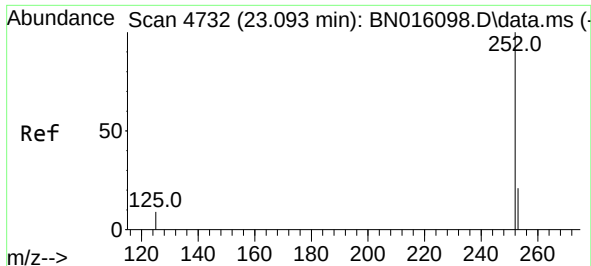
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#22
Chrysene
Concen: 0.448 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. 0.006 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.0
229	22.4	16.4	24.6





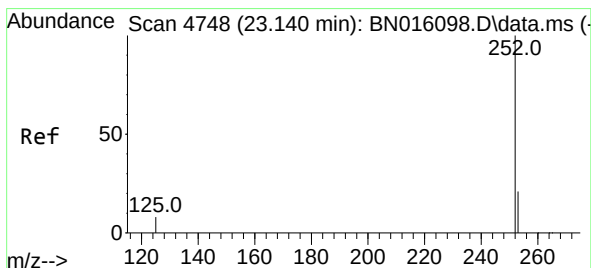
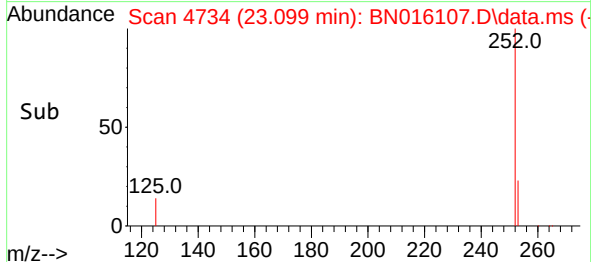
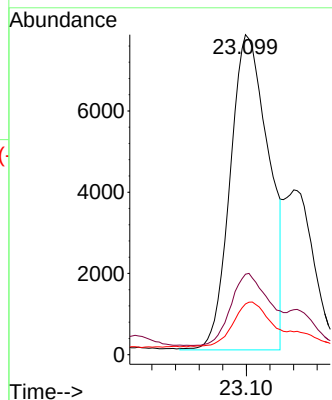
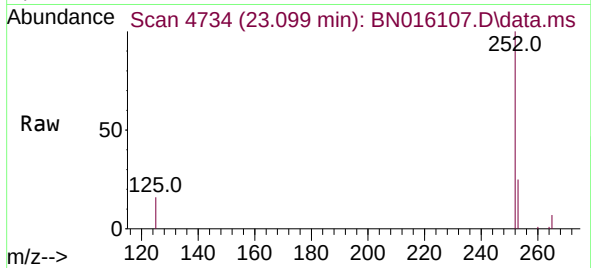
#24
Benzo(b)fluoranthene
Concen: 0.570 ng/ul m
RT: 23.099 min Scan# 4734
Delta R.T. 0.006 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	50.6
125	15.8	0.0	21.6

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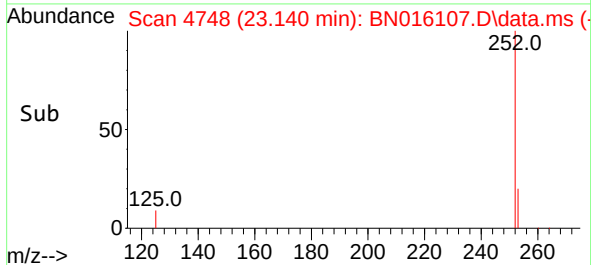
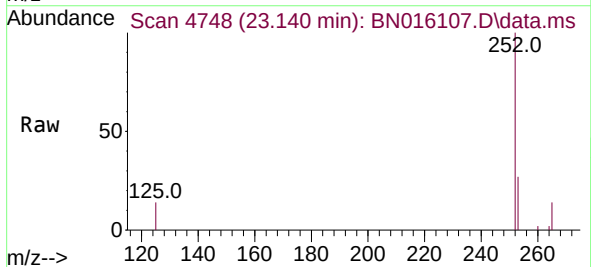
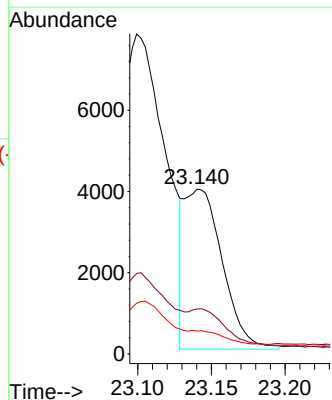
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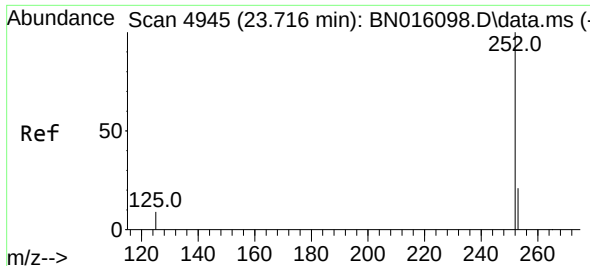
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#25
Benzo(k)fluoranthene
Concen: 0.228 ng/ul m
RT: 23.140 min Scan# 4748
Delta R.T. 0.000 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.7	31.1
125	13.9	8.2	12.4





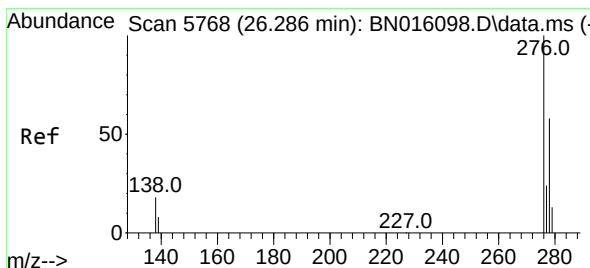
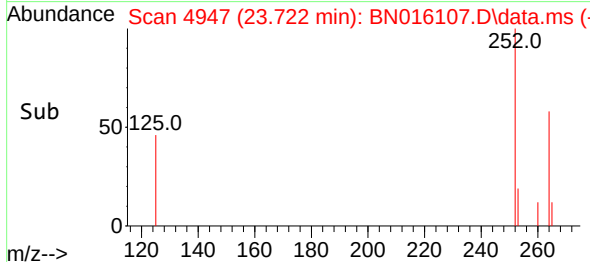
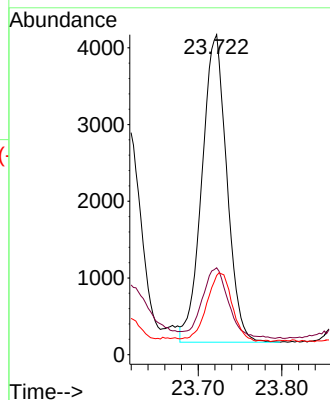
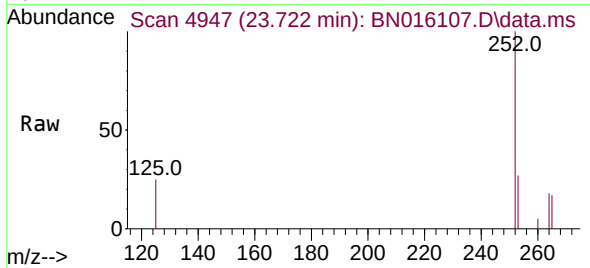
#26
Benzo(a)pyrene
Concen: 0.320 ng/ul
RT: 23.722 min Scan# 4947
Delta R.T. 0.006 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	22.1	33.1
125	24.7	10.2	15.4#

Instrument :
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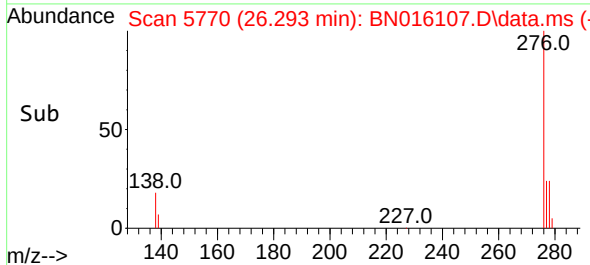
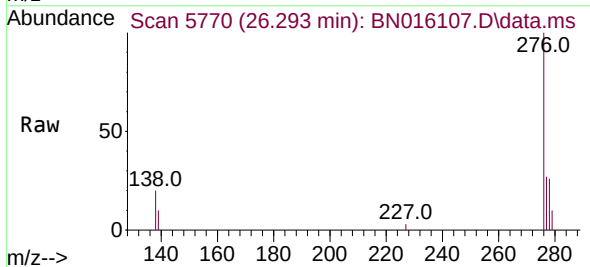
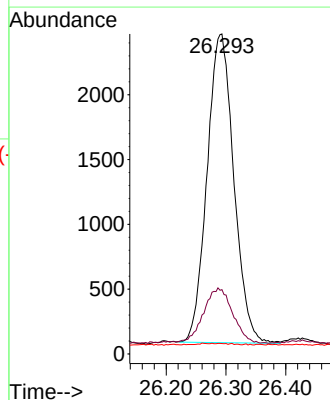
Manual Integrations
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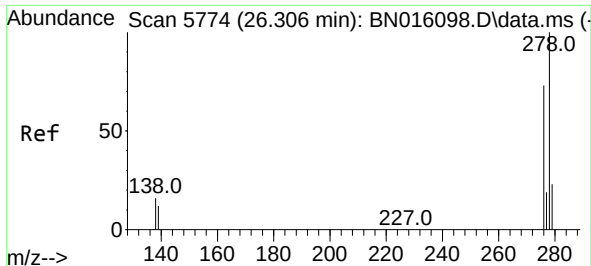
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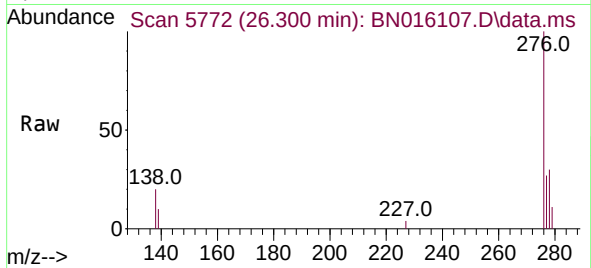
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.216 ng/ul
RT: 26.293 min Scan# 5770
Delta R.T. 0.007 min
Lab File: BN016107.D
Acq: 27 Aug 2021 15:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.1	22.7
227	0.0	0.1	0.1#

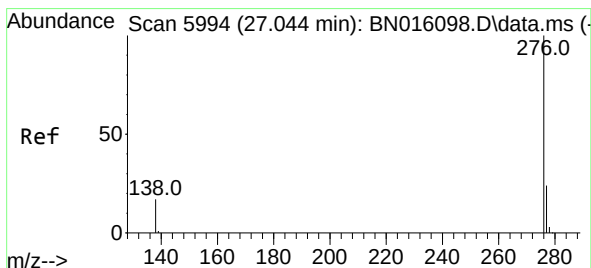
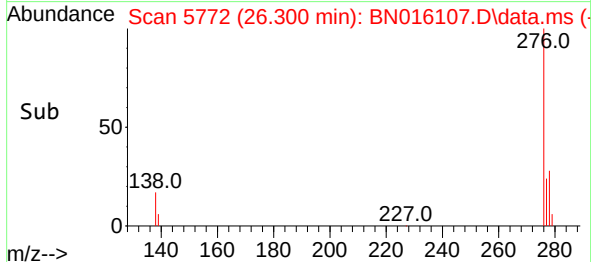
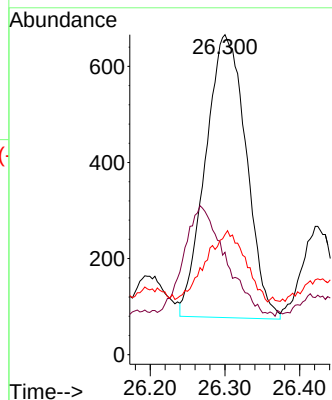




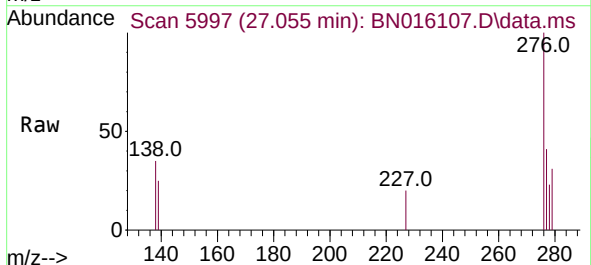
#28
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul
 RT: 26.300 min Scan# 5772
 Delta R.T. -0.006 min
 Lab File: BN016107.D
 Acq: 27 Aug 2021 15:17



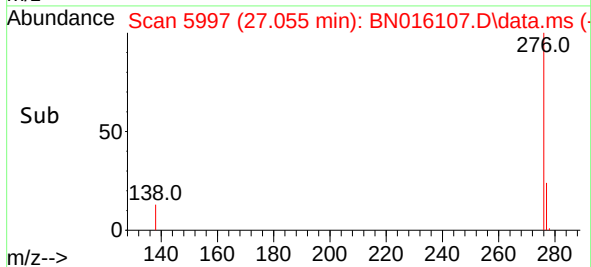
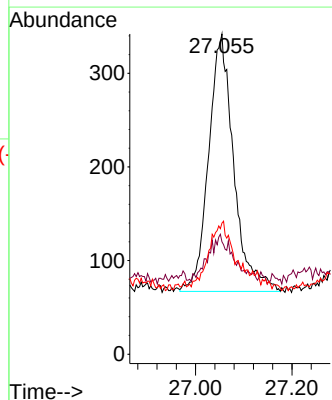
Tgt Ion: 278 Resp: 2224
 Ion Ratio Lower Upper
 278 100
 139 32.0 12.0 18.0#
 279 37.5 21.0 31.6#



#29
 Benzo(g,h,i)perylene
 Concen: 0.034 ng/ul
 RT: 27.055 min Scan# 5997
 Delta R.T. 0.010 min
 Lab File: BN016107.D
 Acq: 27 Aug 2021 15:17



Tgt Ion: 276 Resp: 995
 Ion Ratio Lower Upper
 276 100
 138 35.1 13.8 20.8#
 277 40.9 20.5 30.7#



Instrument :
 BNA_N
 ClientSampleId :
 C0AB3DL

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:57 PM