

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016101.D
 Acq On : 27 Aug 2021 11:36
 Operator : CG/JU
 Sample : M3458-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW3DL

Manual Integrations
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Quant Time: Aug 27 12:06:10 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	1545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	6787	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	4210	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	8773	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	8792	0.400	ng/ul	0.00
23) Perylene-d12	23.824	264	7854	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1241	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	393	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	1059	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	3335	0.190	ng/ul	97
7) 2-Methylnaphthalene	12.327	142	1462	0.123	ng/ul	100
8) 1-Methylnaphthalene	12.547	142	1269	0.109	ng/ul	98
10) Acenaphthylene	14.219	152	3588	0.241	ng/ul	99
11) Acenaphthene	14.562	153	1098	0.086	ng/ul	92
12) Fluorene	15.552	166	2664	0.175	ng/ul	98
15) Phenanthrene	17.288	178	69038	2.852	ng/ul	98
16) Anthracene	17.377	178	8910	0.426	ng/ul	99
19) Fluoranthene	19.304	202	95699	3.484	ng/ul	100
20) Pyrene	19.671	202	71687	2.592	ng/ul	96
21) Benzo(a)anthracene	21.422	228	36277	1.325	ng/ul	97
22) Chrysene	21.471	228	40787	1.385	ng/ul	99
24) Benzo(b)fluoranthene	23.099	252	49223m	1.679	ng/ul	
25) Benzo(k)fluoranthene	23.140	252	16925m	0.573	ng/ul	
26) Benzo(a)pyrene	23.716	252	24006	0.974	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.290	276	19203	0.589	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.303	278	5739	0.209	ng/ul#	93
29) Benzo(g,h,i)perylene	27.051	276	1444	0.051	ng/ul#	77

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

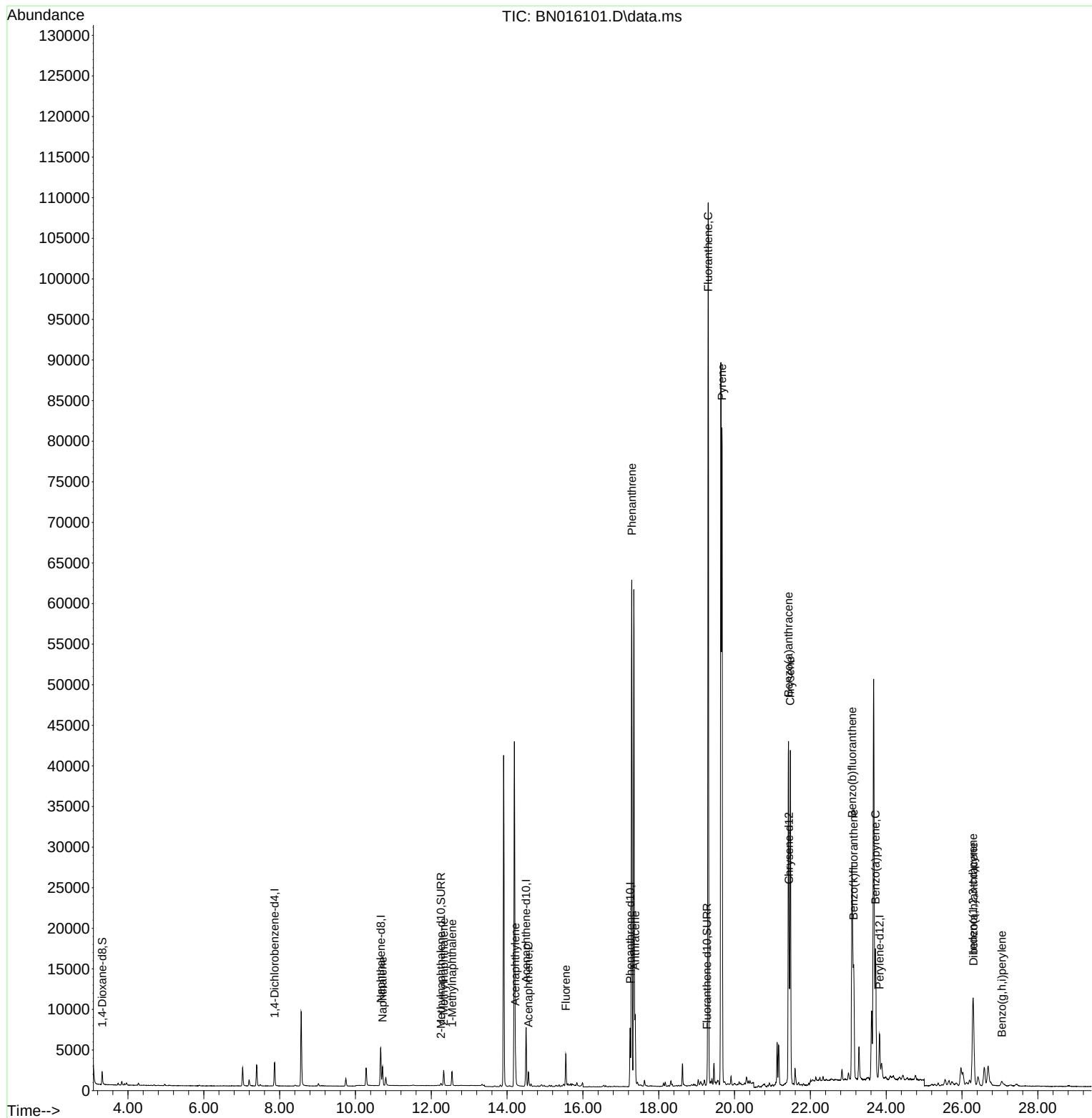
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Data File : BN016101.D
Acq On : 27 Aug 2021 11:36
Operator : CG/JU
Sample : M3458-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

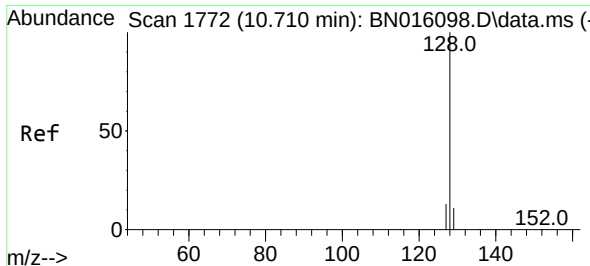
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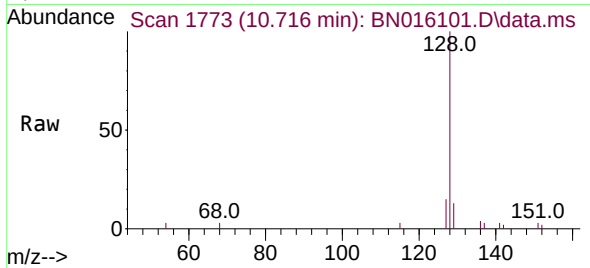
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Quant Time: Aug 27 12:06:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 27 10:53:37 2021
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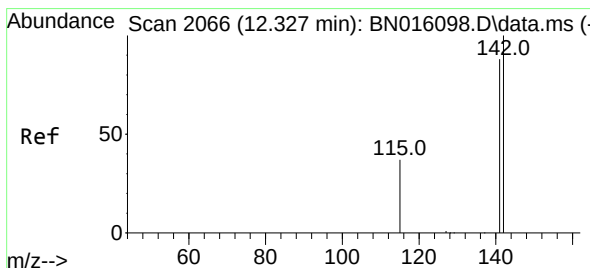
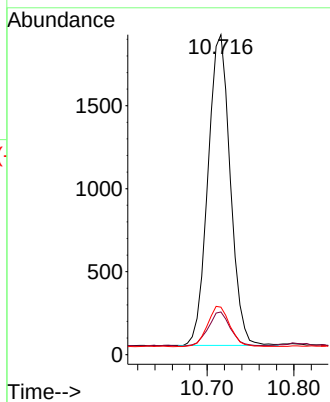
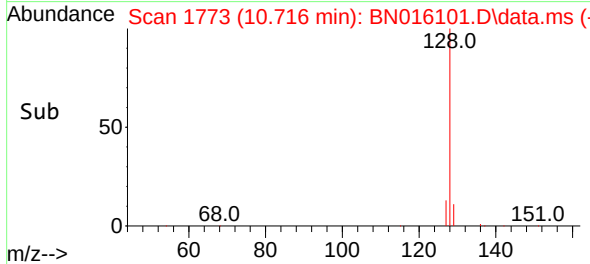




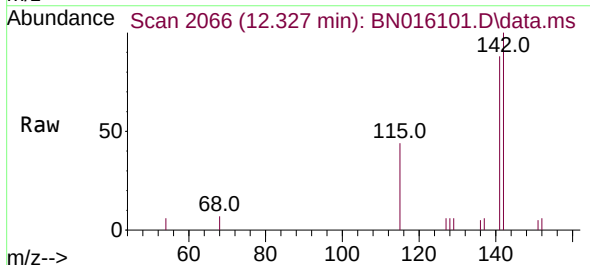
#5
Naphthalene
Concen: 0.190 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36



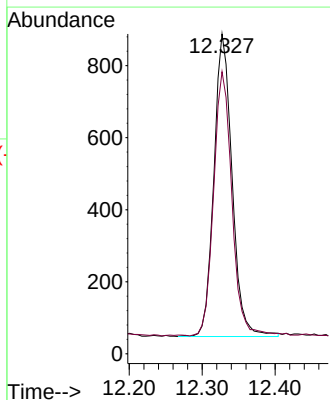
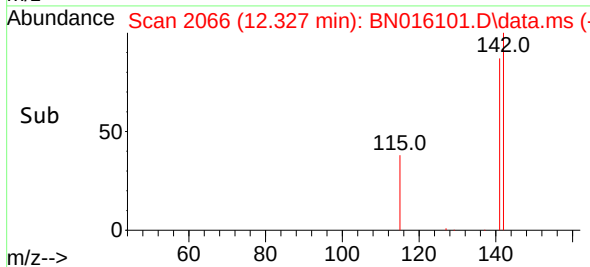
Tgt Ion:128 Resp: 3335
Ion Ratio Lower Upper
128 100
129 13.3 9.7 14.5
127 14.8 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36



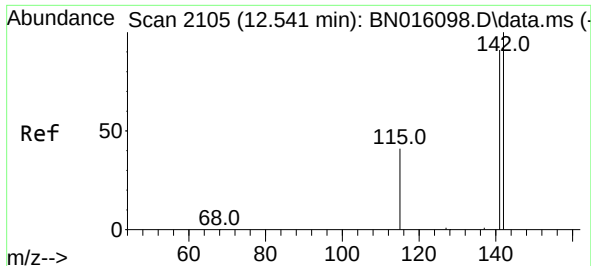
Tgt Ion:142 Resp: 1462
Ion Ratio Lower Upper
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141 87.3 69.8 104.6



Instrument :
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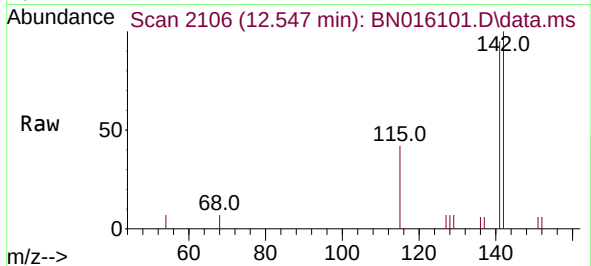
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#8
1-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

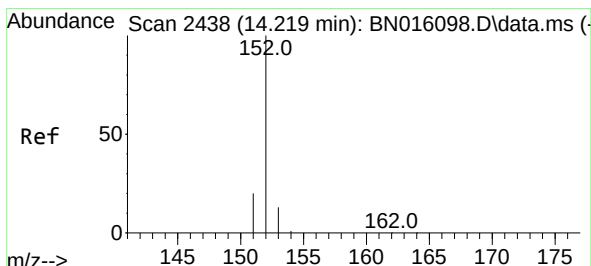
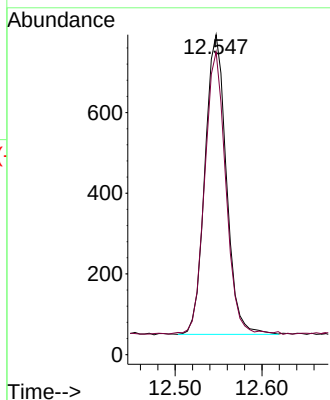
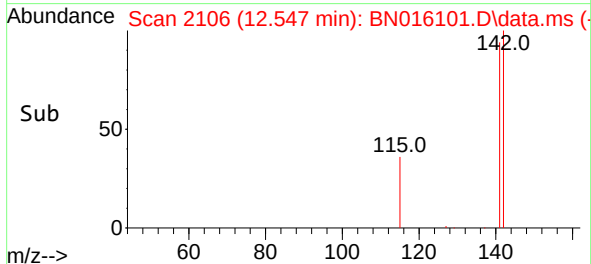
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BNA_N
ClientSampleID :
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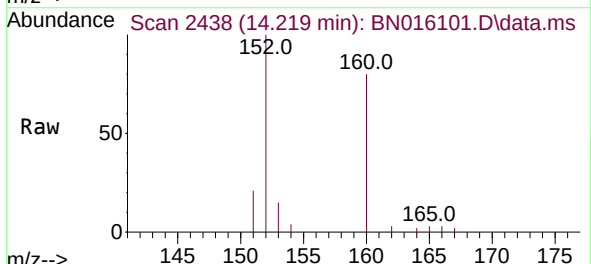
Tgt Ion:142 Resp: 1269
Ion Ratio Lower Upper
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141 92.8 72.8 109.2

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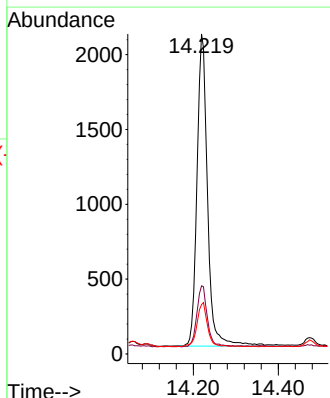
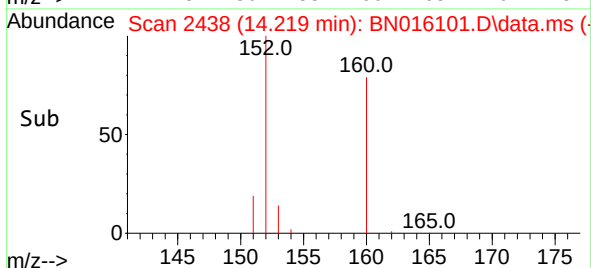
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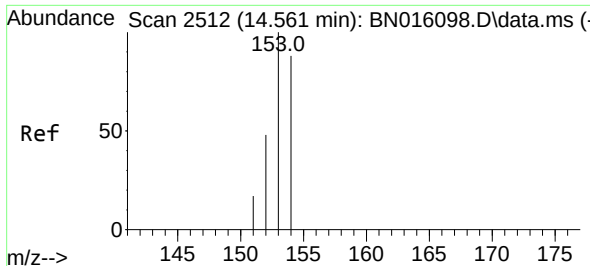


#10
Acenaphthylene
Concen: 0.241 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

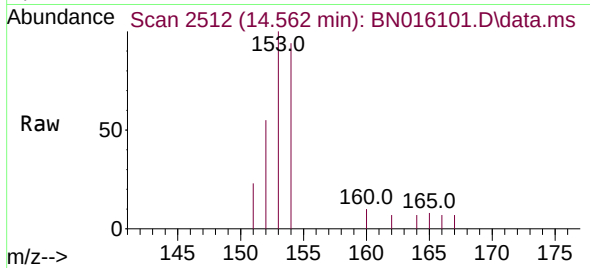


Tgt Ion:152 Resp: 3588
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6
153 15.5 11.8 17.6

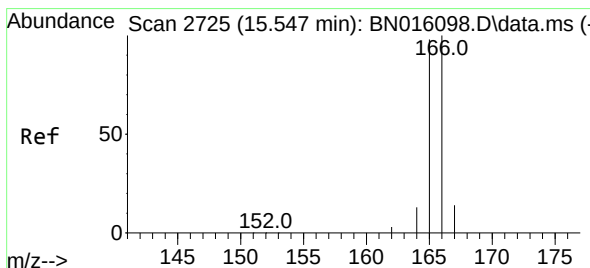
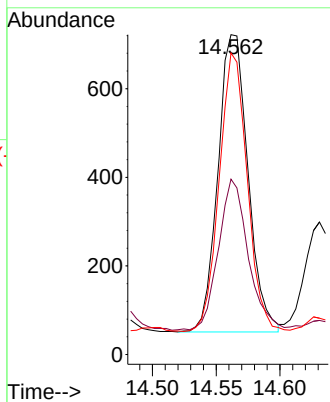
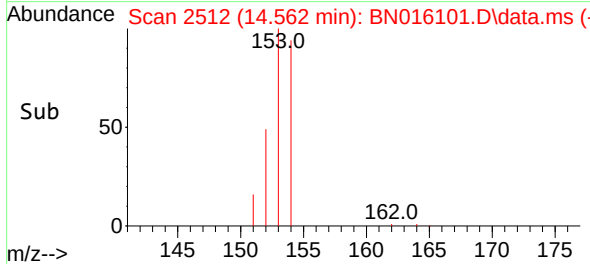




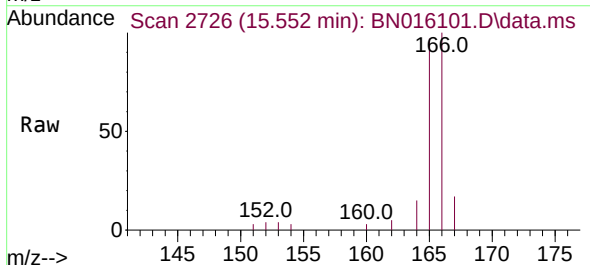
#11
Acenaphthene
Concen: 0.086 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36



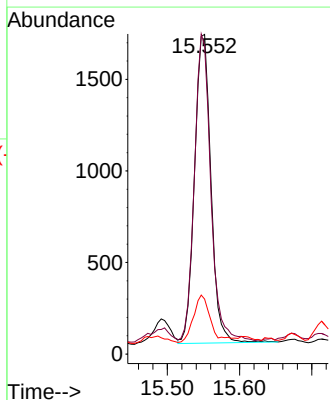
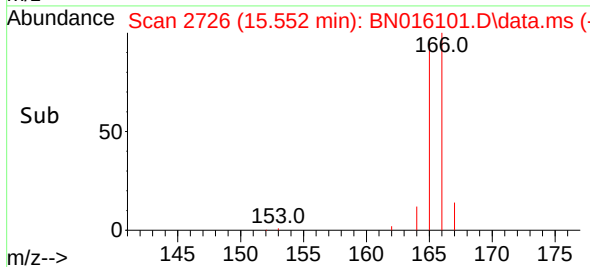
Tgt Ion:153 Resp: 1098
Ion Ratio Lower Upper
153 100
152 54.8 38.3 57.5
154 94.3 70.2 105.2



#12
Fluorene
Concen: 0.175 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. 0.005 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36



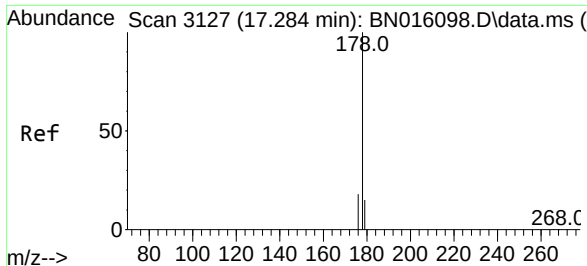
Tgt Ion:166 Resp: 2664
Ion Ratio Lower Upper
166 100
165 96.6 76.2 114.2
167 17.2 11.5 17.3



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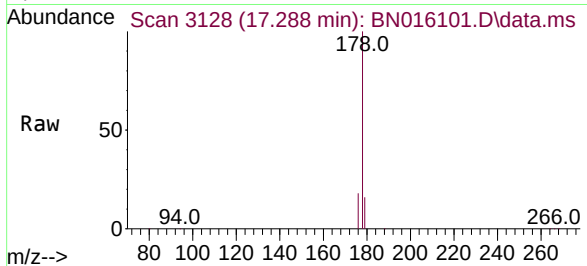
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#15
Phenanthrene
Concen: 2.852 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

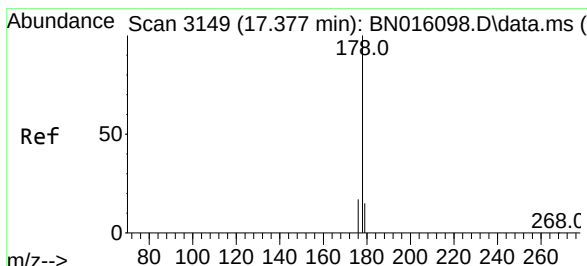
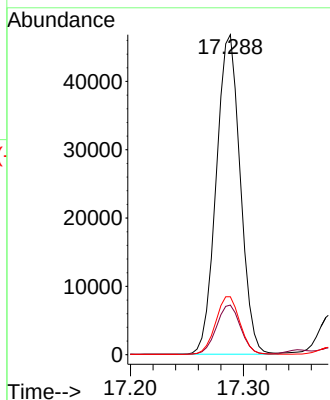
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ClientSampleId :
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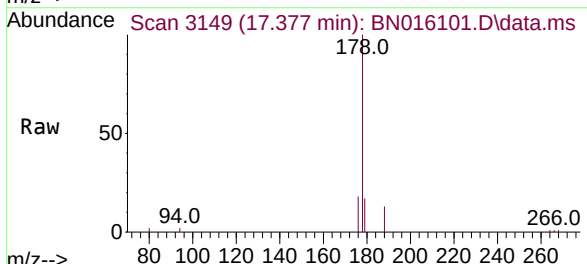
Tgt Ion:178 Resp: 69038
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 18.1 15.0 22.4

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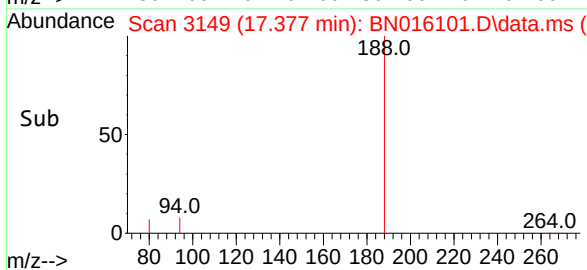
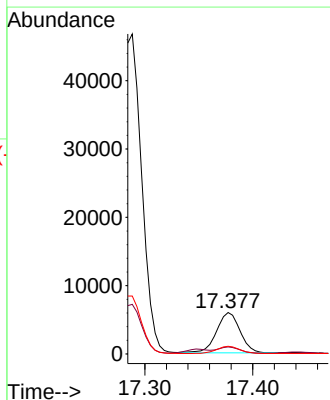
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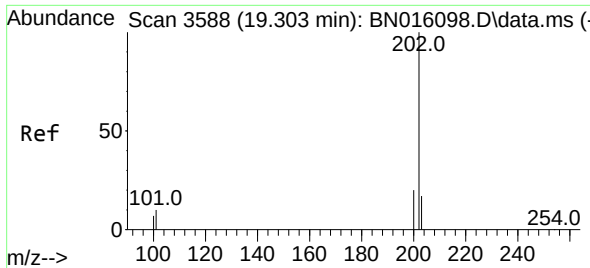


#16
Anthracene
Concen: 0.426 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36



Tgt Ion:178 Resp: 8910
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.0
176 18.4 14.9 22.3





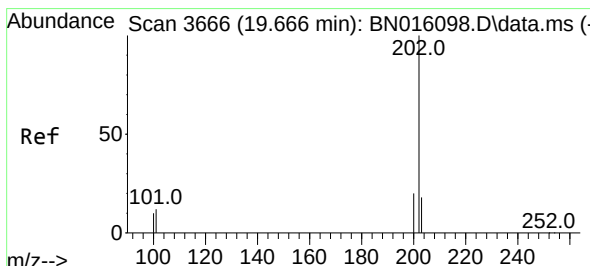
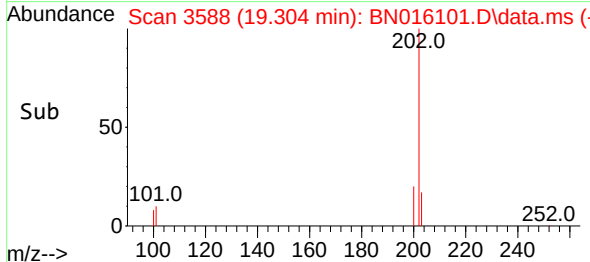
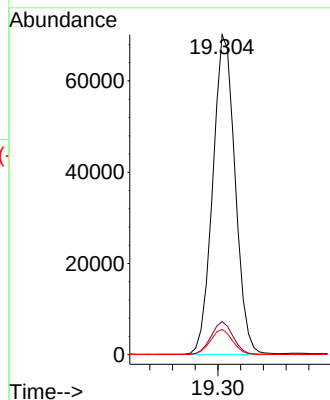
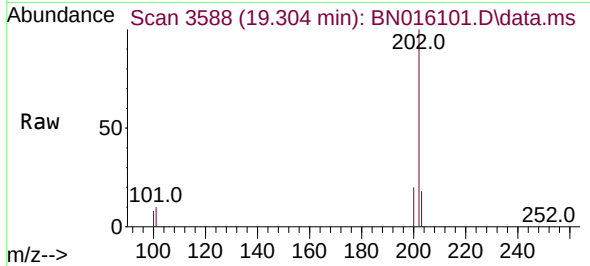
#19
Fluoranthene
Concen: 3.484 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. 0.000 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

Tgt Ion:	202	Resp:	95699
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.3	12.5
100	7.9	6.6	9.8

Instrument :
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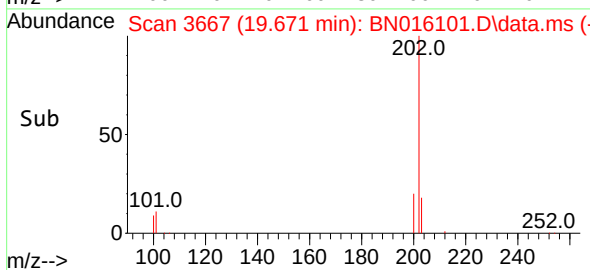
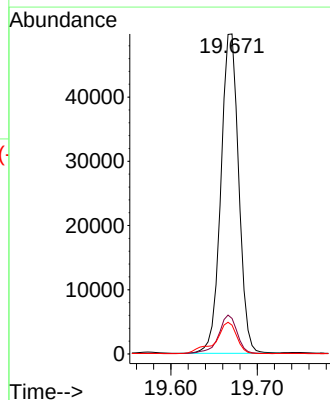
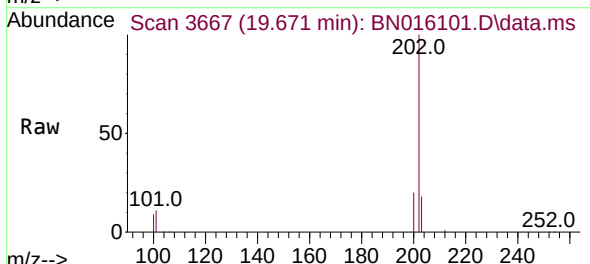
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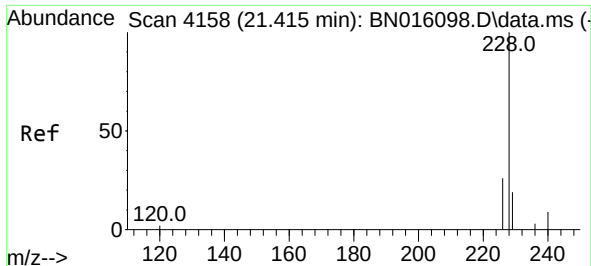
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#20
Pyrene
Concen: 2.592 ng/ul
RT: 19.671 min Scan# 3667
Delta R.T. 0.005 min
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Tgt Ion:	202	Resp:	71687
Ion Ratio	Lower	Upper	
202	100		
101	11.1	10.0	15.0
100	9.0	8.4	12.6





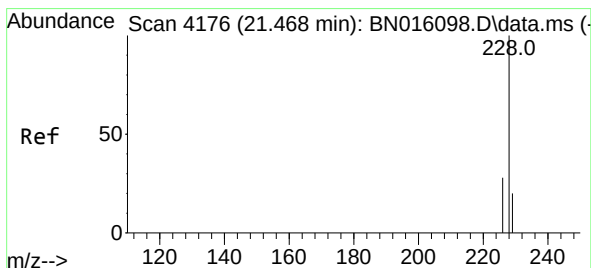
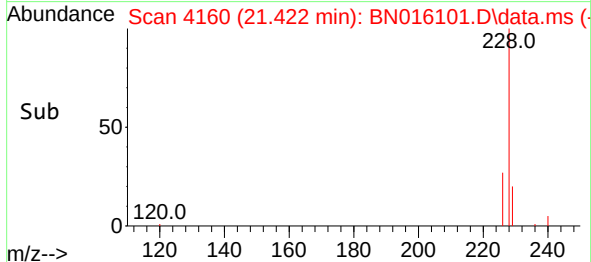
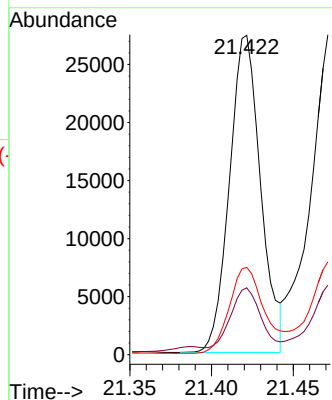
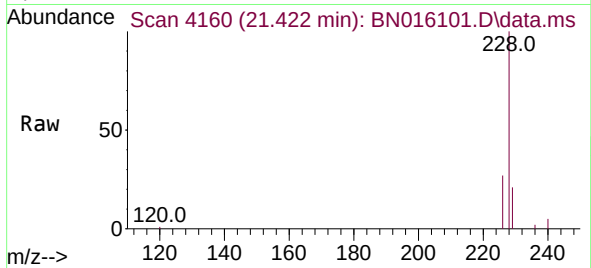
#21
Benzo(a)anthracene
Concen: 1.325 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. 0.006 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

Tgt Ion:228 Resp: 36277
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 27.3 20.6 31.0

Instrument :
BNA_N
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C0AW3DL

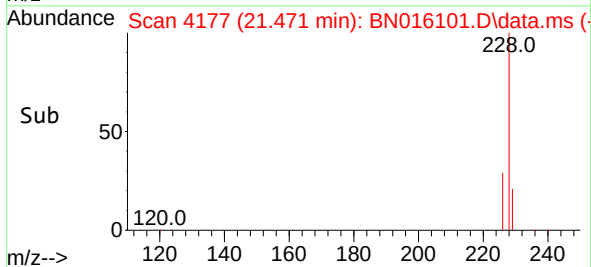
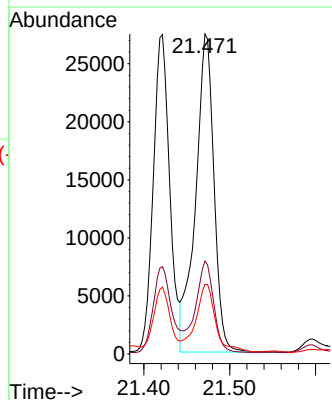
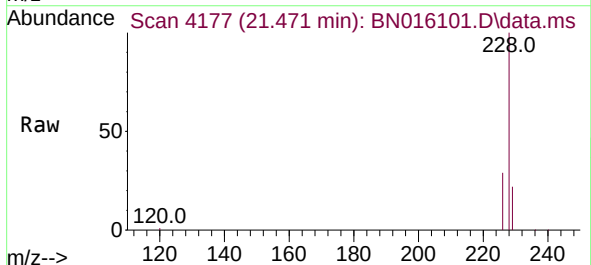
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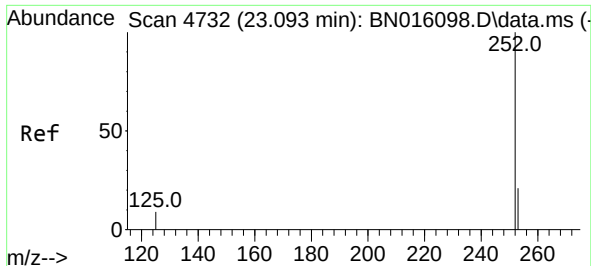
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#22
Chrysene
Concen: 1.385 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

Tgt Ion:228 Resp: 40787
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.0
229 21.7 16.4 24.6





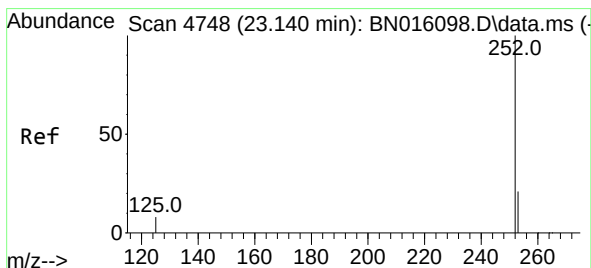
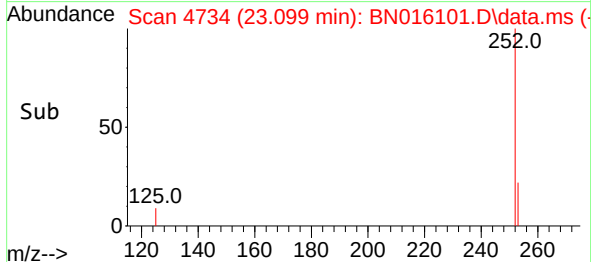
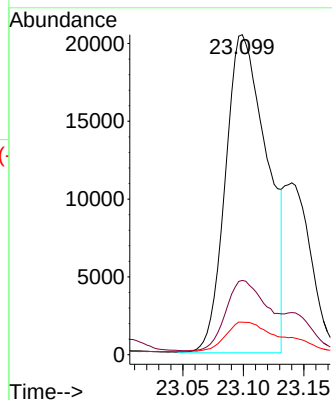
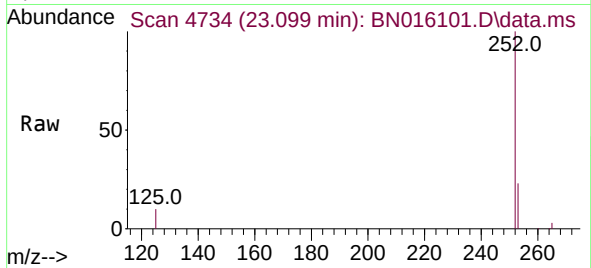
#24
Benzo(b)fluoranthene
Concen: 1.679 ng/ul m
RT: 23.099 min Scan# 4734
Delta R.T. 0.006 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	50.6
125	10.2	0.0	21.6

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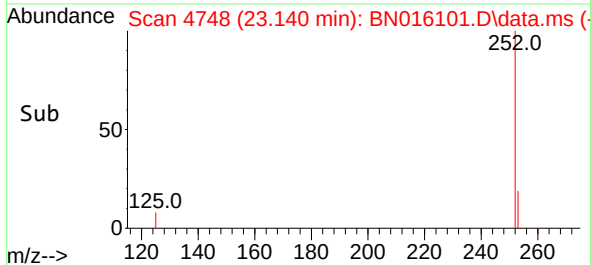
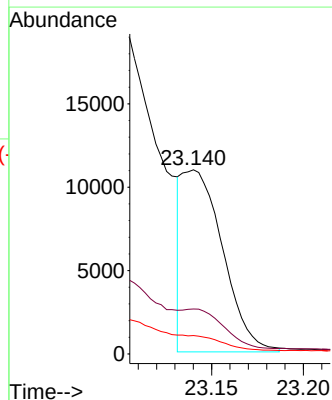
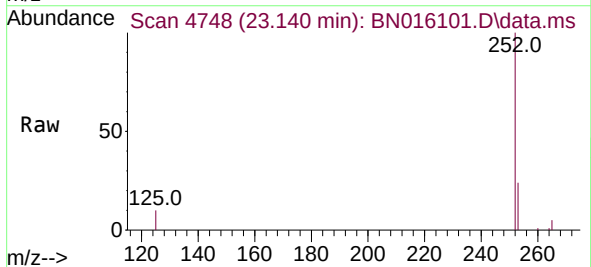
Manual Integrations
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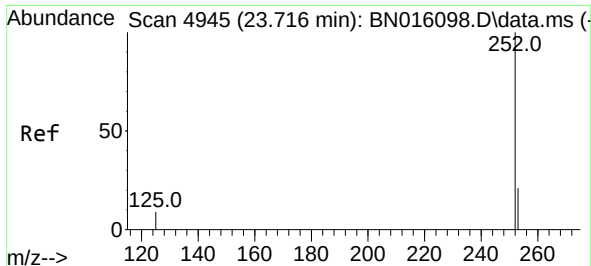
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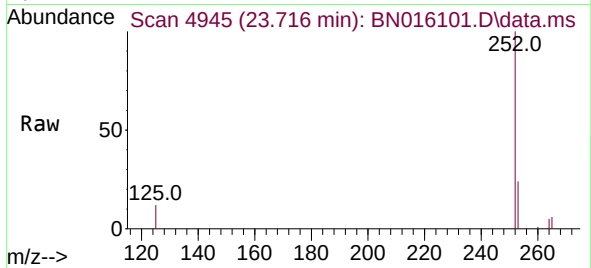
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Benzo(k)fluoranthene
Concen: 0.573 ng/ul m
RT: 23.140 min Scan# 4748
Delta R.T. 0.000 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.7	31.1
125	10.0	8.2	12.4

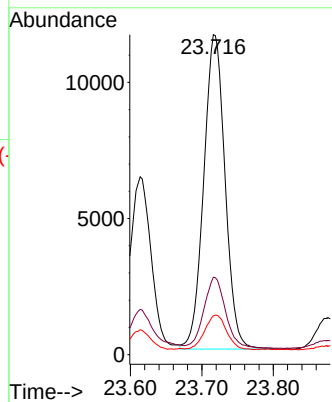
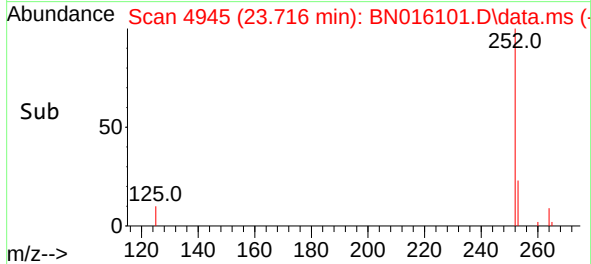




#26
Benzo(a)pyrene
Concen: 0.974 ng/ul
RT: 23.716 min Scan# 4945
Delta R.T. 0.000 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36



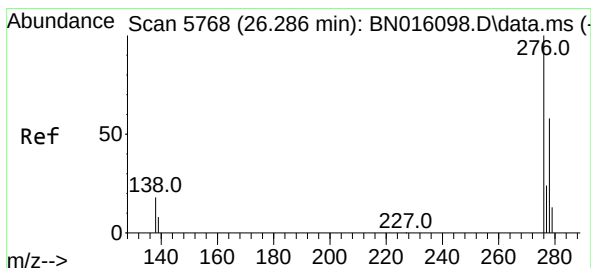
Tgt Ion:252 Resp: 24006
Ion Ratio Lower Upper
252 100
253 24.2 22.1 33.1
125 12.2 10.2 15.4



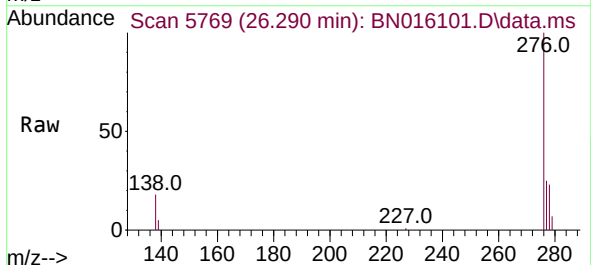
Instrument :
BNA_N
ClientSampleId :
C0AW3DL

Manual Integrations
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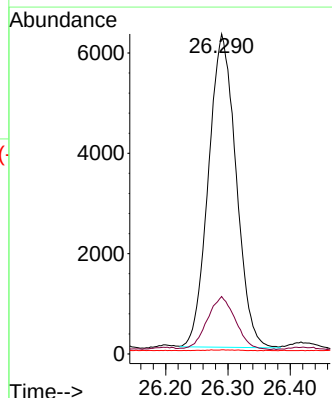
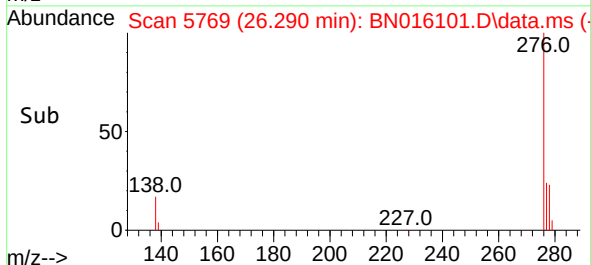
mohammad
8/27/2021 5:10:41 PM

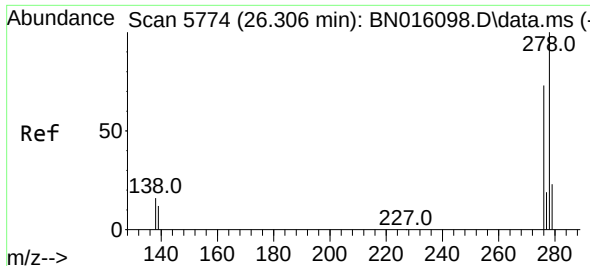


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.589 ng/ul
RT: 26.290 min Scan# 5769
Delta R.T. 0.004 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36



Tgt Ion:276 Resp: 19203
Ion Ratio Lower Upper
276 100
138 17.3 15.1 22.7
227 0.1 0.1 0.1#





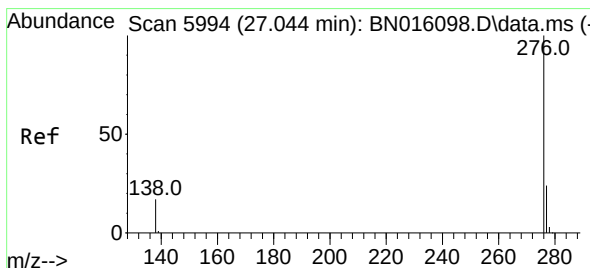
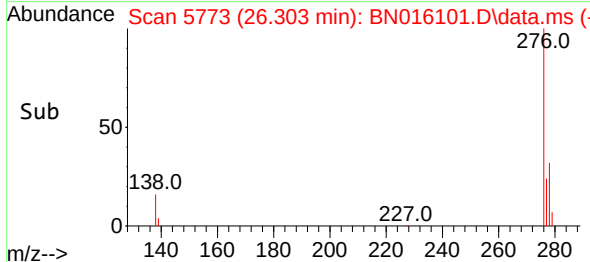
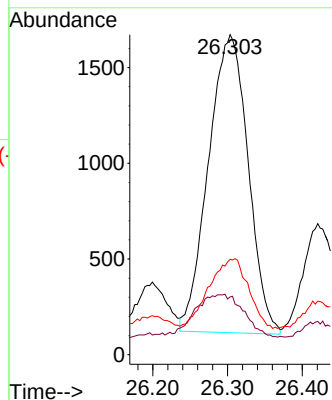
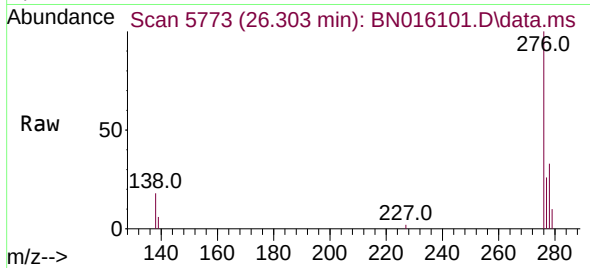
#28
Dibenzo(a,h)anthracene
Concen: 0.209 ng/ul
RT: 26.303 min Scan# 5773
Delta R.T. -0.003 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 278 Resp: 5739
Ion Ratio Lower Upper
278 100
139 18.1 12.0 18.0#
279 29.8 21.0 31.6

Instrument :
BNA_N
ClientSampleID :
C0AW3DL

Manual Integrations
APPROVED

mohammad
8/27/2021 5:10:41 PM



#29
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 27.051 min Scan# 5996
Delta R.T. 0.007 min
Lab File: BN016101.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 276 Resp: 1444
Ion Ratio Lower Upper
276 100
138 28.3 13.8 20.8#
277 36.2 20.5 30.7#

