

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016097.D
 Acq On : 27 Aug 2021 08:34
 Operator : CG/JU
 Sample : M3458-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

Manual Integrations
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Quant Time: Aug 27 09:30:12 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	1681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	7708	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4888	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	10247	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	9850	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	9008	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	4140	1.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	1520	0.131	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	3876	0.146	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.710	128	4347	0.218	ng/ul	97
7) 2-Methylnaphthalene	12.327	142	3204	0.238	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	2656	0.202	ng/ul	98
10) Acenaphthylene	14.219	152	2705	0.157	ng/ul	95
11) Acenaphthene	14.562	153	442	0.030	ng/ul#	92
12) Fluorene	15.547	166	633	0.036	ng/ul#	90
15) Phenanthrene	17.284	178	27486	0.972	ng/ul	98
16) Anthracene	17.377	178	3715	0.152	ng/ul	97
19) Fluoranthene	19.304	202	50181	1.630	ng/ul	99
20) Pyrene	19.666	202	40202	1.298	ng/ul	98
21) Benzo(a)anthracene	21.416	228	21137	0.689	ng/ul	97
22) Chrysene	21.468	228	26578	0.805	ng/ul	99
24) Benzo(b)fluoranthene	23.096	252	36735m	1.093	ng/ul	
25) Benzo(k)fluoranthene	23.137	252	11575m	0.342	ng/ul	
26) Benzo(a)pyrene	23.713	252	15994	0.566	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.280	276	14657	0.392	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.297	278	4395	0.140	ng/ul#	87
29) Benzo(g,h,i)perylene	27.045	276	1946	0.060	ng/ul#	75

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

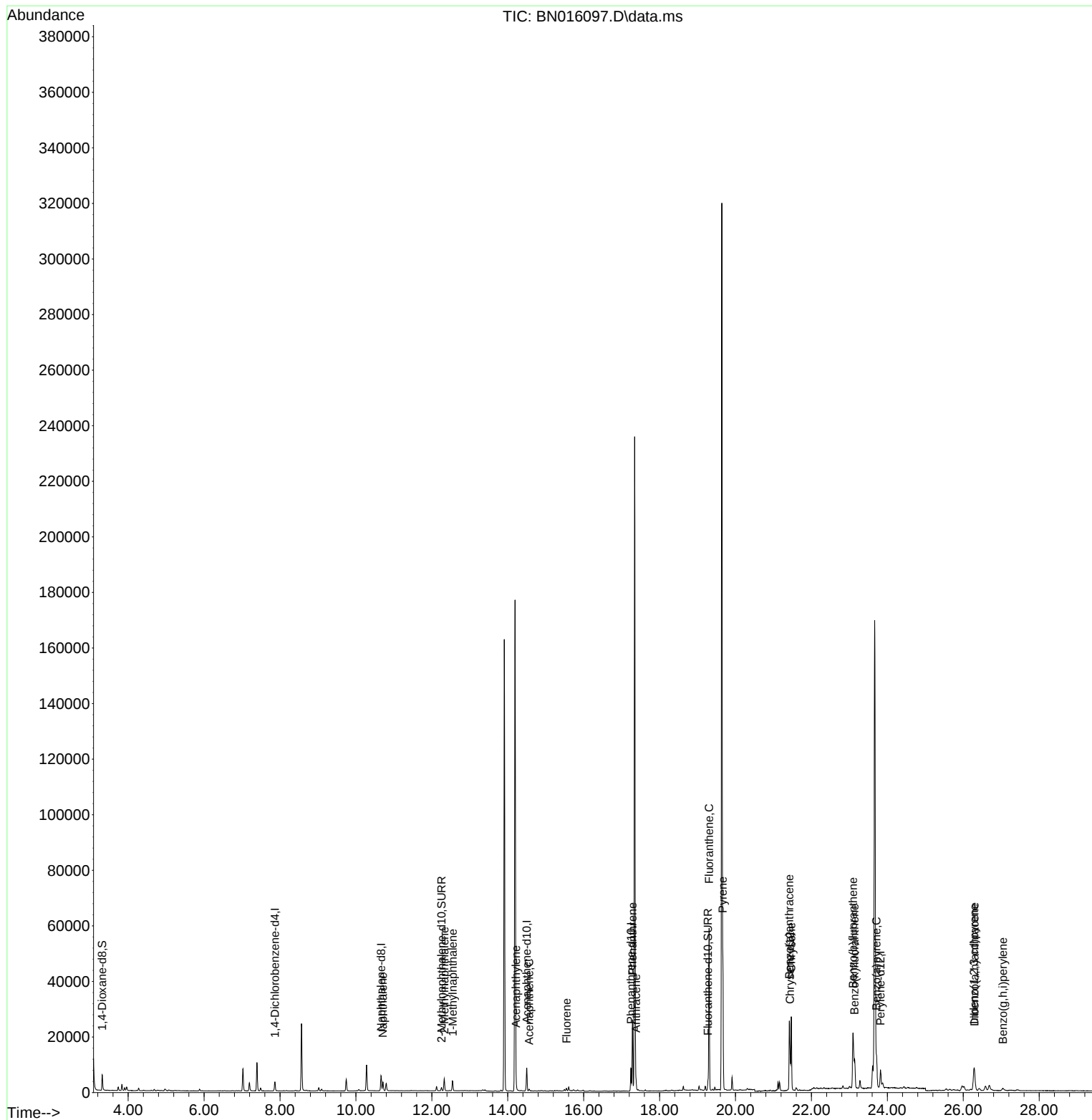
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016097.D
Acq On : 27 Aug 2021 08:34
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ALS Vial : 29 Sample Multiplier: 1

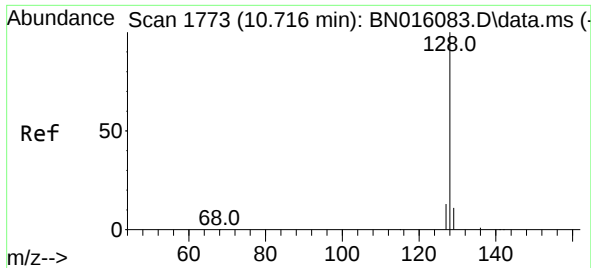
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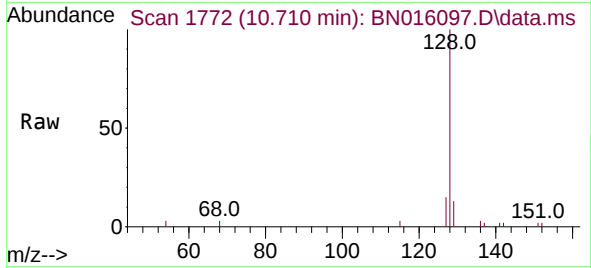
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Response via : Initial Calibration

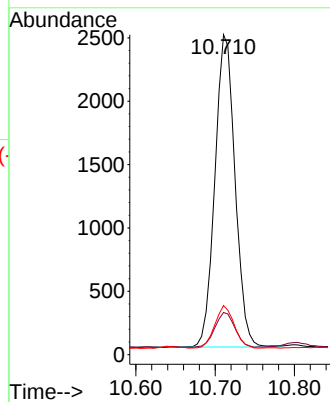
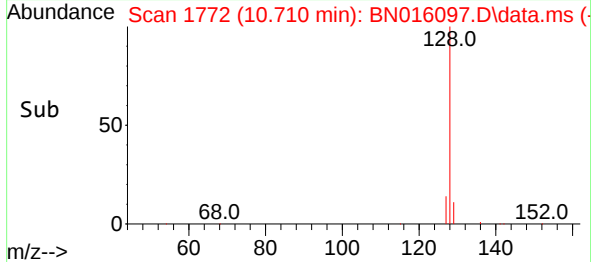




#5
Naphthalene
Concen: 0.218 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34



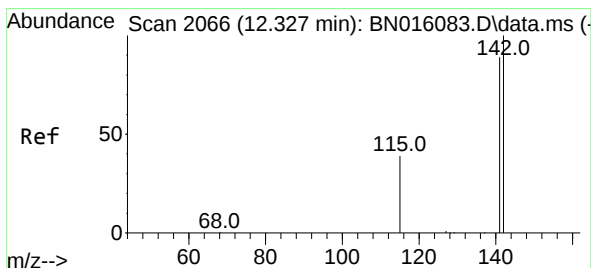
Tgt Ion:128 Resp: 4347
Ion Ratio Lower Upper
128 100
129 13.2 9.7 14.5
127 15.4 11.1 16.7



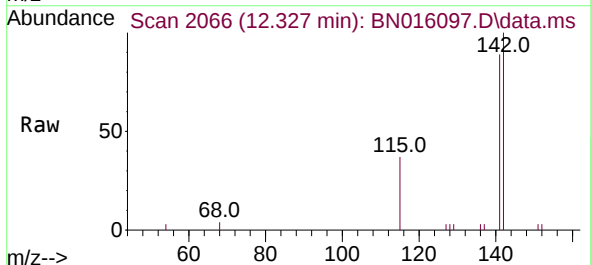
Instrument :
BNA_N
ClientSampleId :
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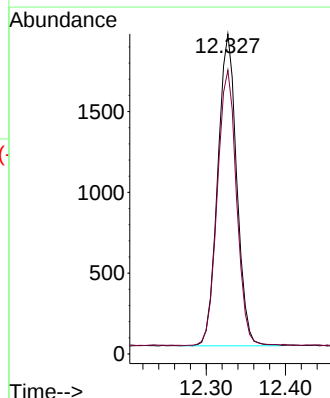
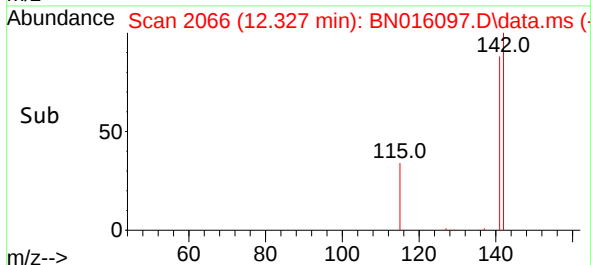
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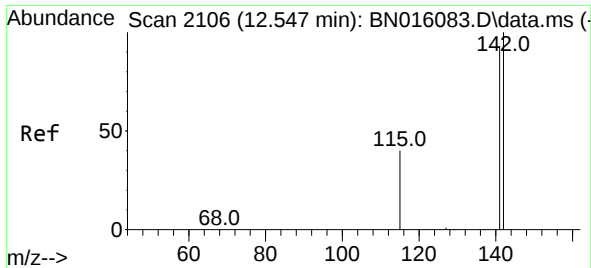


#7
2-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34

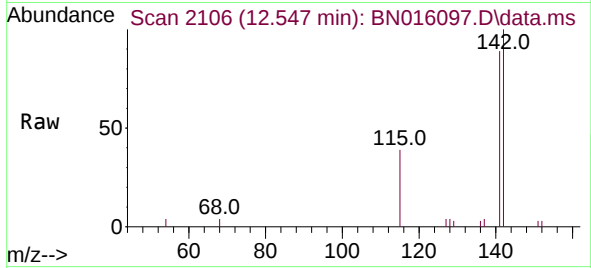


Tgt Ion:142 Resp: 3204
Ion Ratio Lower Upper
142 100
141 89.4 69.8 104.6

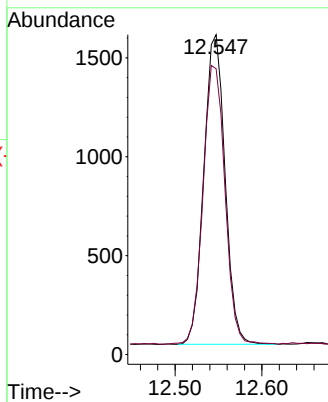
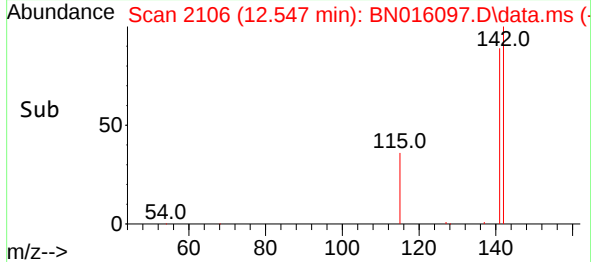




#8
1-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34



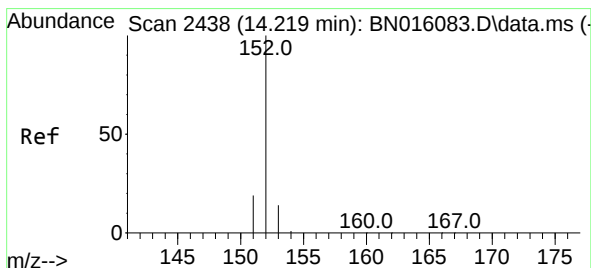
Tgt Ion:142 Resp: 2656
Ion Ratio Lower Upper
142 100
141 92.7 72.8 109.2



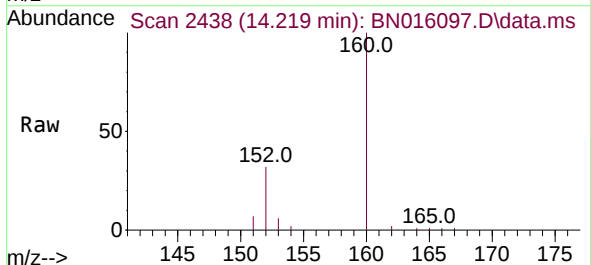
Instrument :
BNA_N
ClientSampled :
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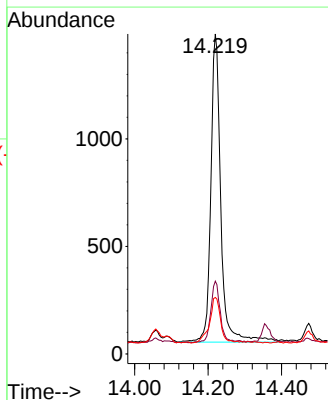
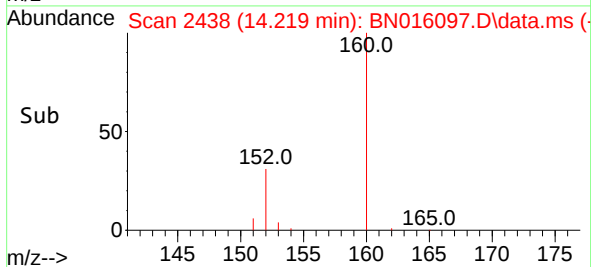
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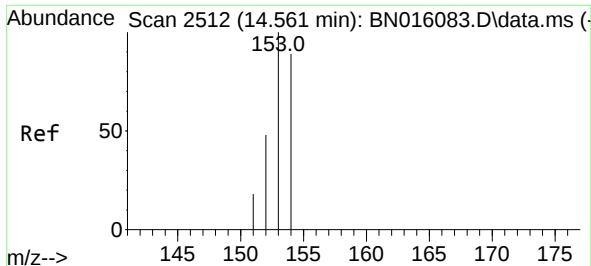


#10
Acenaphthylene
Concen: 0.157 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34



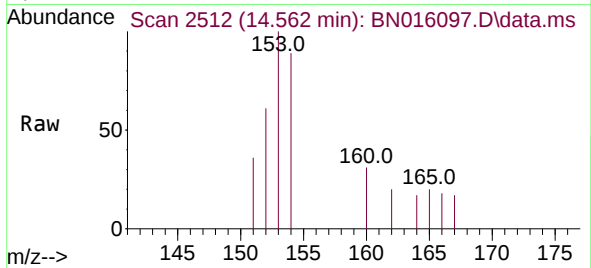
Tgt Ion:152 Resp: 2705
Ion Ratio Lower Upper
152 100
151 22.7 17.0 25.6
153 17.6 11.8 17.6



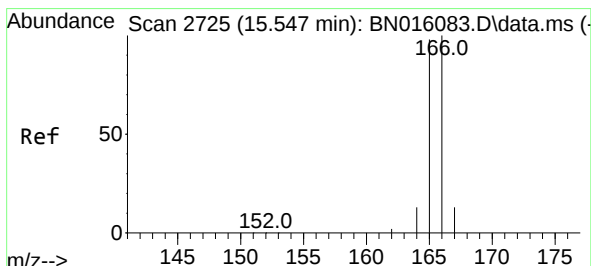
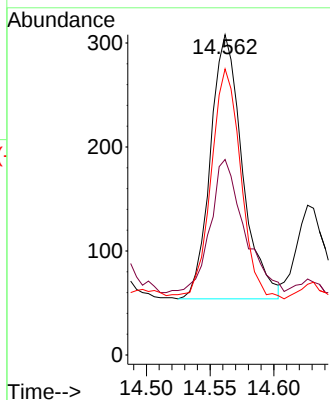
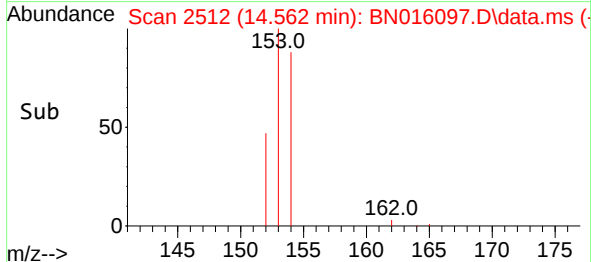


#11
Acenaphthene
Concen: 0.030 ng/u1
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34

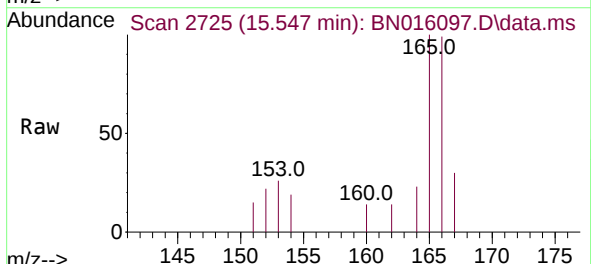
Instrument :
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ClientSampled :
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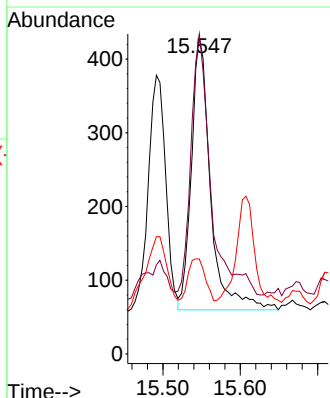
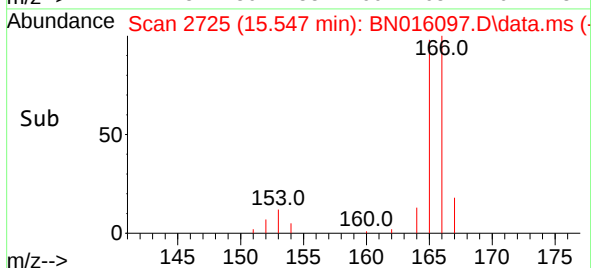
Tgt Ion:153 Resp: 442
Ion Ratio Lower Upper
153 100
152 61.0 38.3 57.5#
154 89.3 70.2 105.2

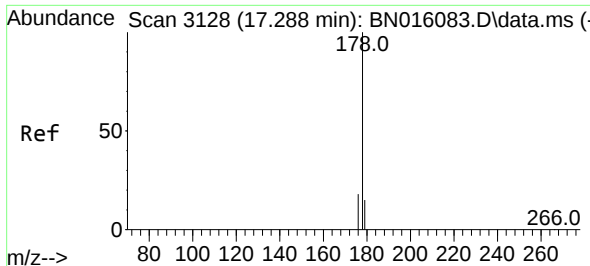


#12
Fluorene
Concen: 0.036 ng/u1
RT: 15.547 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34



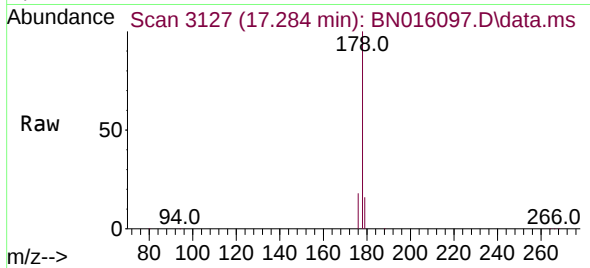
Tgt Ion:166 Resp: 633
Ion Ratio Lower Upper
166 100
165 100.9 76.2 114.2
167 30.0 11.5 17.3#





#15
Phenanthrene
Concen: 0.972 ng/ul
RT: 17.284 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34

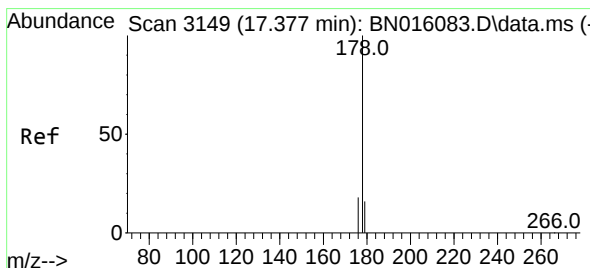
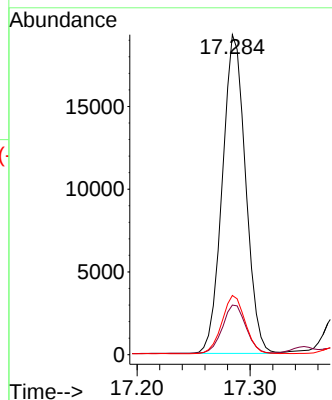
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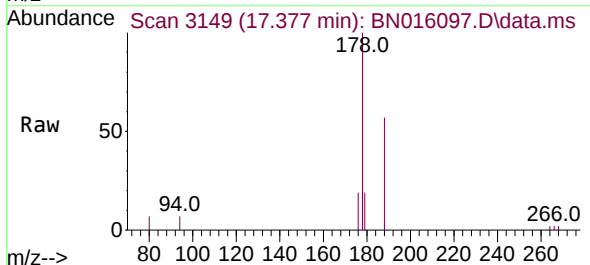
Tgt Ion:178 Resp: 27486
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 18.5 15.0 22.4

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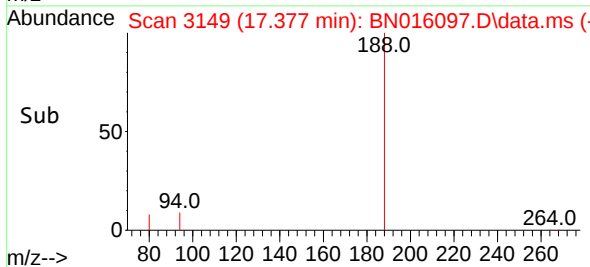
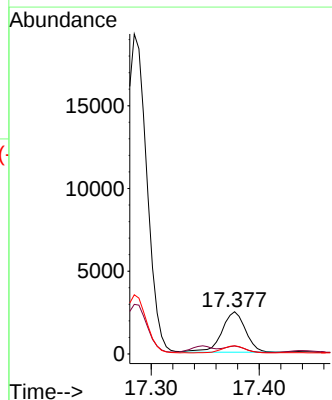
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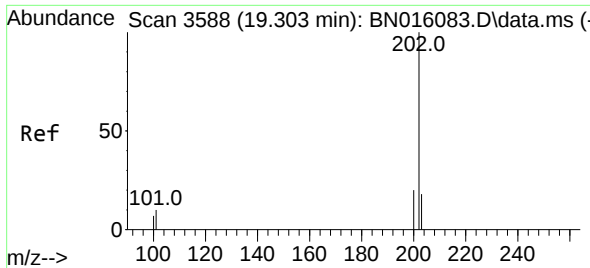


#16
Anthracene
Concen: 0.152 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34



Tgt Ion:178 Resp: 3715
Ion Ratio Lower Upper
178 100
179 18.8 13.4 20.0
176 19.3 14.9 22.3





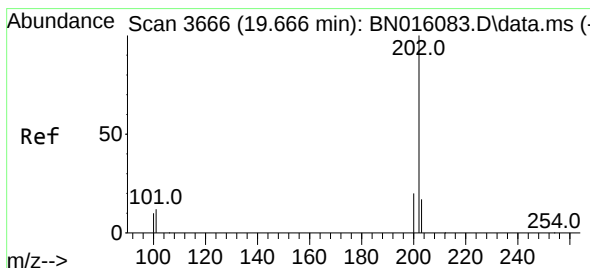
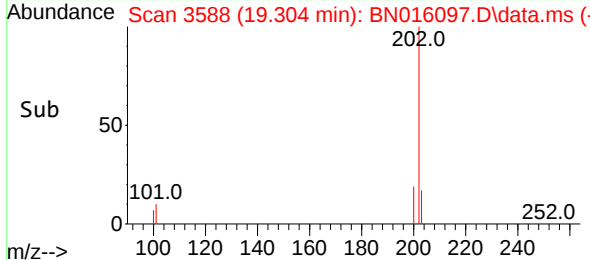
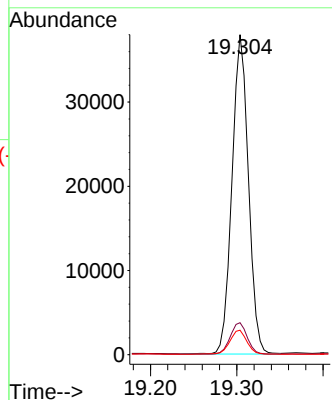
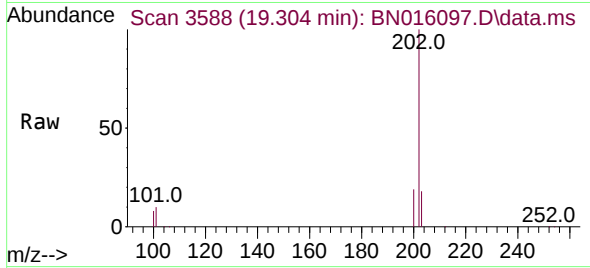
#19
Fluoranthene
Concen: 1.630 ng/u1
RT: 19.304 min Scan# 3588
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34

Tgt Ion:	202	Resp:	50181
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.3	12.5
100	7.6	6.6	9.8

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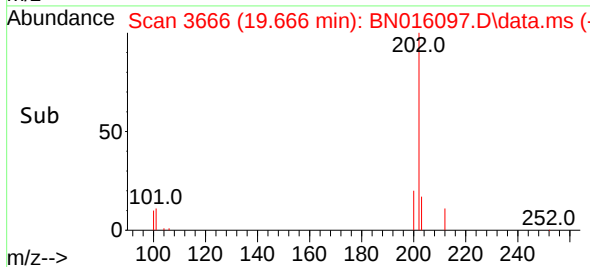
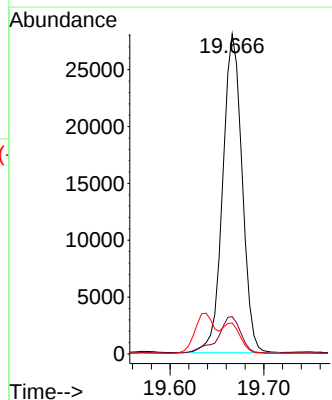
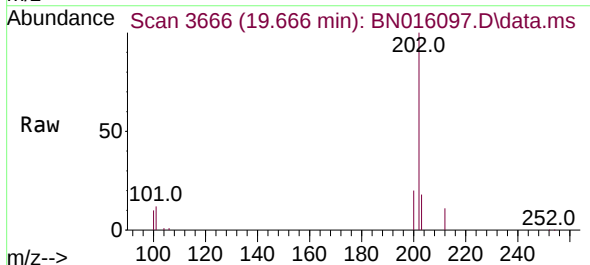
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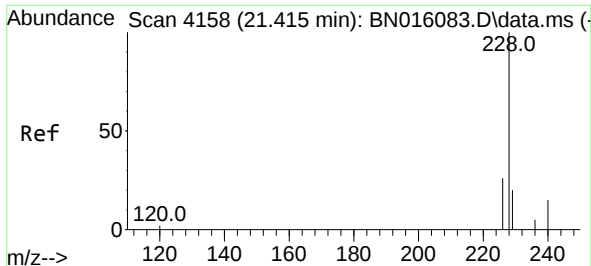
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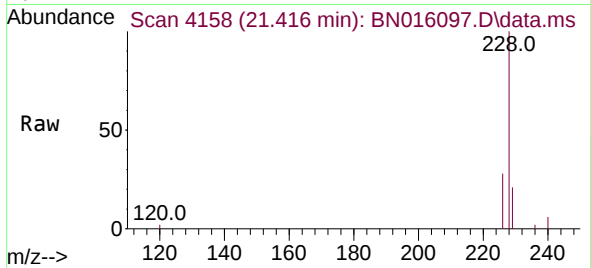
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Pyrene
Concen: 1.298 ng/u1
RT: 19.666 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34

Tgt Ion:	202	Resp:	40202
Ion Ratio	Lower	Upper	
202	100		
101	11.7	10.0	15.0
100	9.7	8.4	12.6

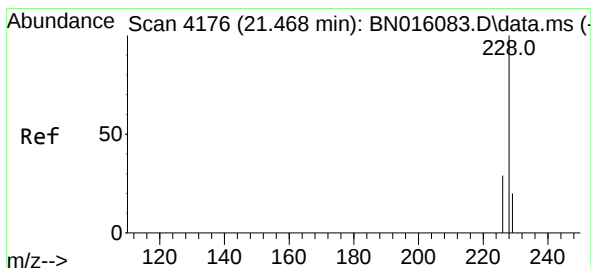
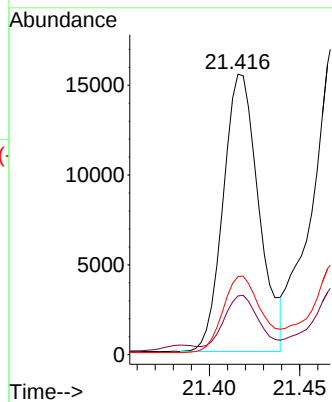
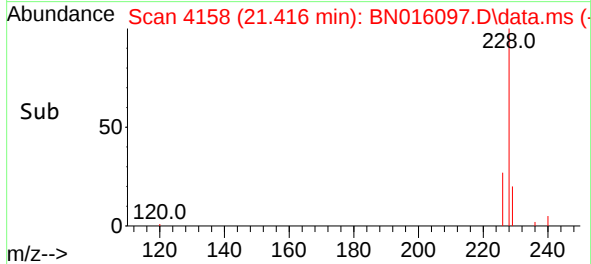




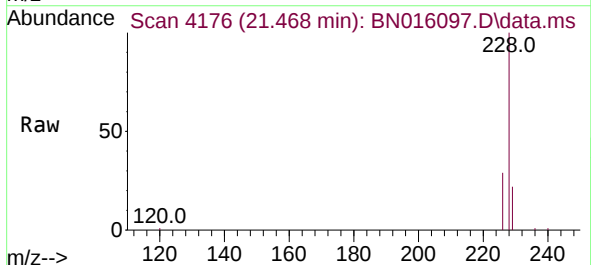
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Benzo(a)anthracene
Concen: 0.689 ng/ul
RT: 21.416 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN016097.D
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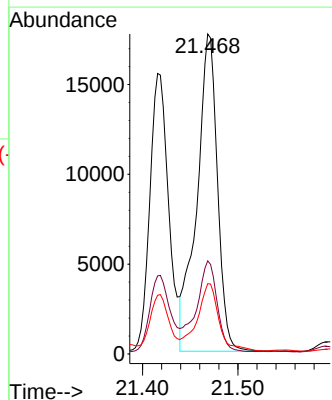
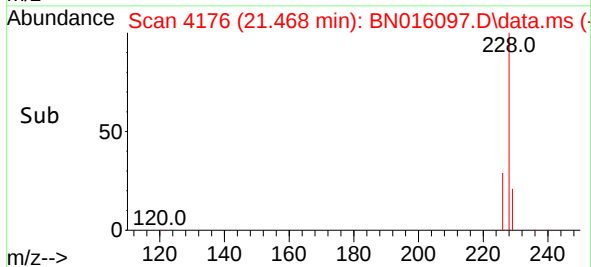
Tgt Ion:228 Resp: 21137
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 27.9 20.6 31.0



#22
Chrysene
Concen: 0.805 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.000 min
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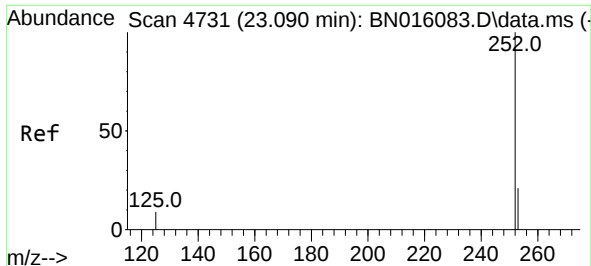
Tgt Ion:228 Resp: 26578
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.0
229 21.9 16.4 24.6



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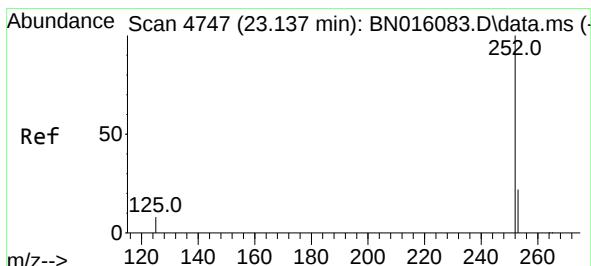
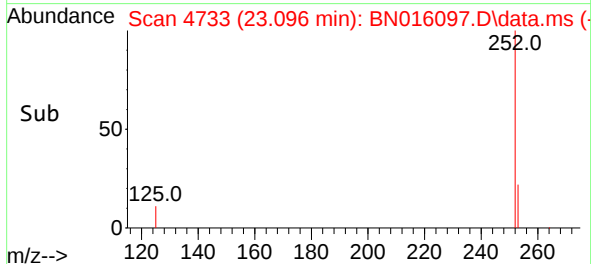
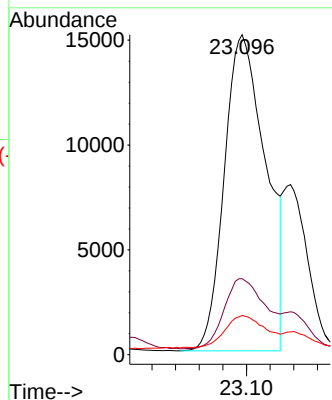
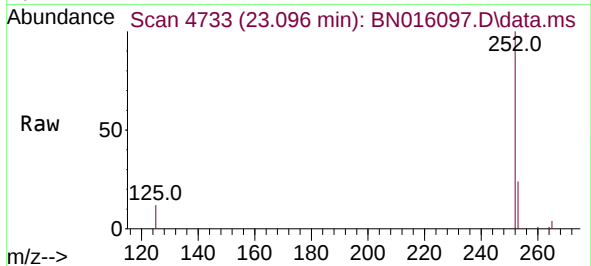
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Benzo(b)fluoranthene
Concen: 1.093 ng/ul m
RT: 23.096 min Scan# 4733
Delta R.T. 0.006 min
Lab File: BN016097.D
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Tgt Ion:252 Resp: 36735
Ion Ratio Lower Upper
252 100
253 23.8 0.0 50.6
125 12.3 0.0 21.6

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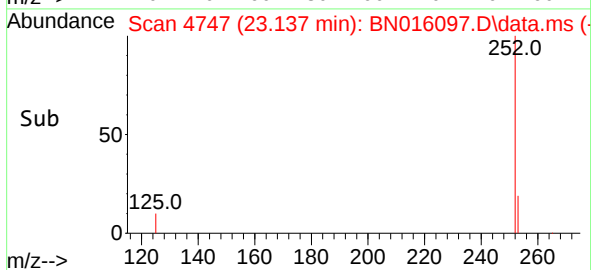
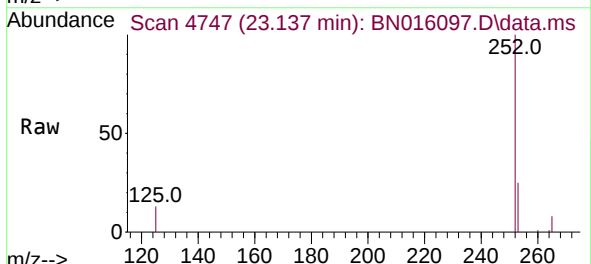
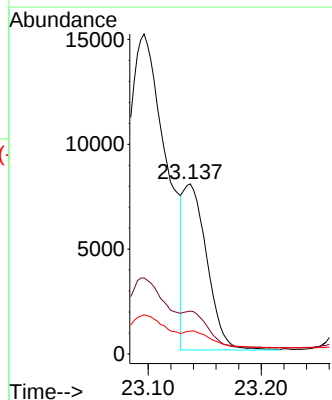
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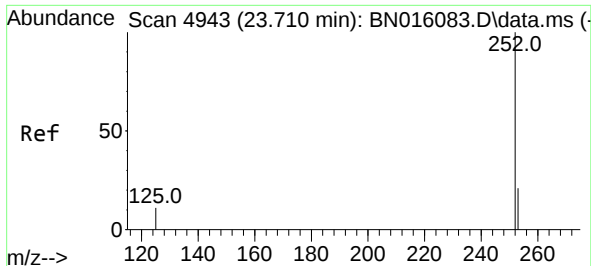
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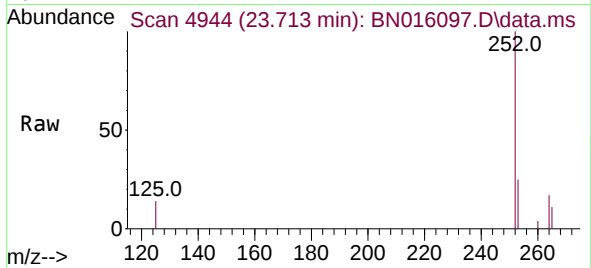
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Benzo(k)fluoranthene
Concen: 0.342 ng/ul m
RT: 23.137 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34

Tgt Ion:252 Resp: 11575
Ion Ratio Lower Upper
252 100
253 25.2 20.7 31.1
125 13.4 8.2 12.4#

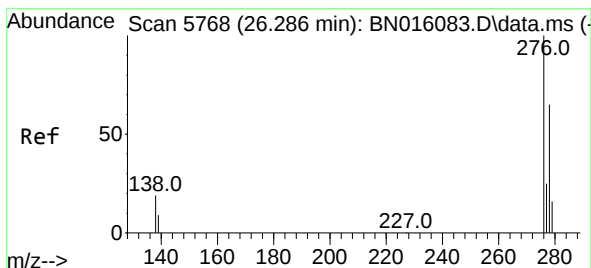
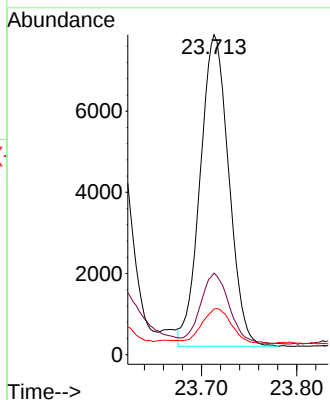
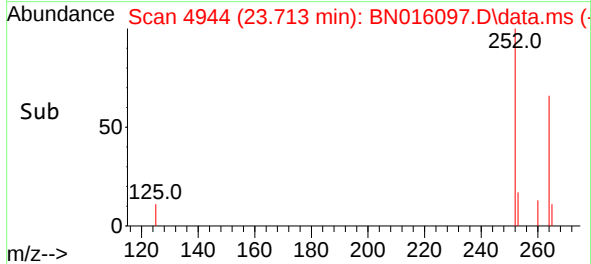




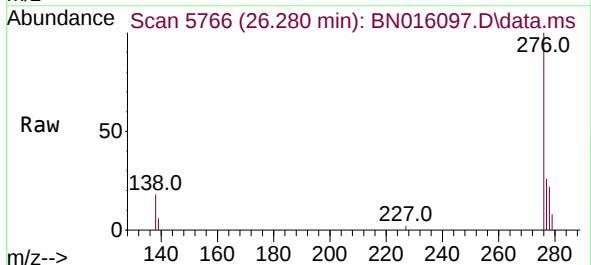
#26
Benzo(a)pyrene
Concen: 0.566 ng/ul
RT: 23.713 min Scan# 4944
Delta R.T. 0.003 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34



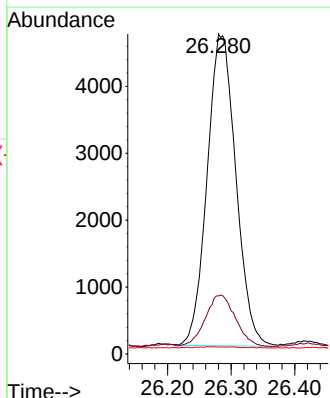
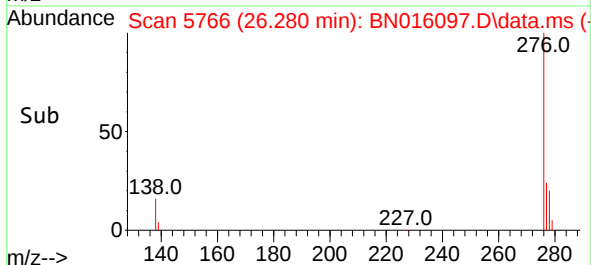
Tgt Ion: 252 Resp: 15994
Ion Ratio Lower Upper
252 100
253 25.5 22.1 33.1
125 14.3 10.2 15.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.280 min Scan# 5766
Delta R.T. -0.010 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34



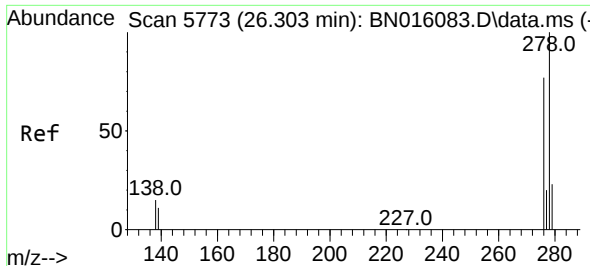
Tgt Ion: 276 Resp: 14657
Ion Ratio Lower Upper
276 100
138 17.3 15.1 22.7
227 0.5 0.1 0.1#



Instrument :
BNA_N
ClientSampled :
C0AB3

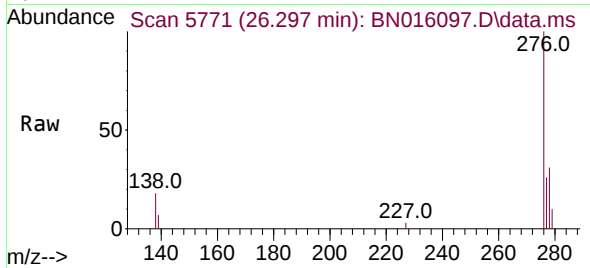
Manual Integrations
APPROVED

mohammad
8/27/2021 5:10:36 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 26.297 min Scan# 5771
Delta R.T. -0.003 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34

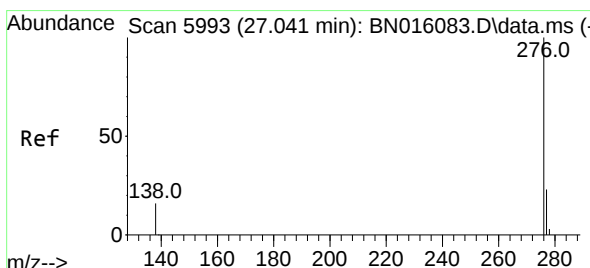
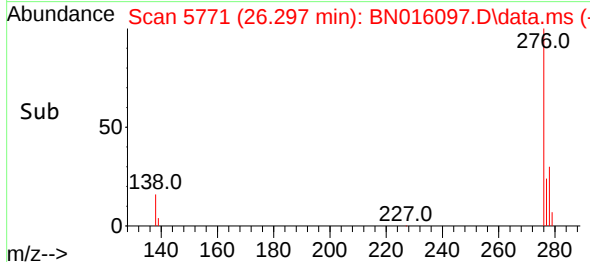
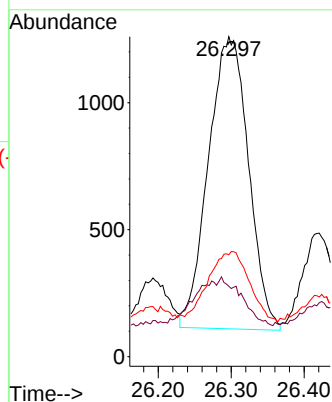
Instrument :
BNA_N
ClientSampled :
C0AB3



Tgt Ion:278 Resp: 4395
Ion Ratio Lower Upper
278 100
139 22.0 12.0 18.0#
279 31.8 21.0 31.6#

Manual Integrations
APPROVED

mohammad
8/27/2021 5:10:36 PM



#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 27.045 min Scan# 5994
Delta R.T. 0.007 min
Lab File: BN016097.D
Acq: 27 Aug 2021 08:34

Tgt Ion:276 Resp: 1946
Ion Ratio Lower Upper
276 100
138 30.9 13.8 20.8#
277 35.8 20.5 30.7#

