

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016089.D
 Acq On : 27 Aug 2021 03:38
 Operator : CG/JU
 Sample : M3458-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56

Manual Integrations
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mohammad
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Quant Time: Aug 27 04:19:48 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	1670	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	7417	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4691	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	9590	0.400	ng/ul	0.00
17) Chrysene-d12	21.427	240	9190	0.400	ng/ul	0.00
23) Perylene-d12	23.813	264	8203	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	6040	2.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	2100	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.271	212	5283	0.213	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.710	128	20744	1.083	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	16205	1.252	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	14786	1.166	ng/ul	100
10) Acenaphthylene	14.219	152	23905	1.443	ng/ul	98
11) Acenaphthene	14.562	153	4958	0.347	ng/ul	98
12) Fluorene	15.547	166	8311	0.491	ng/ul#	95
14) Pentachlorophenol	16.896	266	59	0.029	ng/ul	92
15) Phenanthrene	17.288	178	195206	7.378	ng/ul	98
16) Anthracene	17.377	178	28575	1.251	ng/ul	99
19) Fluoranthene	19.304	202	310472	10.812	ng/ul	98
20) Pyrene	19.666	202	245821	8.504	ng/ul	97
21) Benzo(a)anthracene	21.413	228	128879	4.504	ng/ul	97
22) Chrysene	21.462	228	140156	4.552	ng/ul	99
24) Benzo(b)fluoranthene	23.087	252	180885m	5.909	ng/ul	
25) Benzo(k)fluoranthene	23.131	252	64142m	2.079	ng/ul	
26) Benzo(a)pyrene	23.707	252	101646	3.949	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.280	276	83463	2.450	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.290	278	21899	0.764	ng/ul	97
29) Benzo(g,h,i)perylene	27.034	276	12112	0.413	ng/ul#	92

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

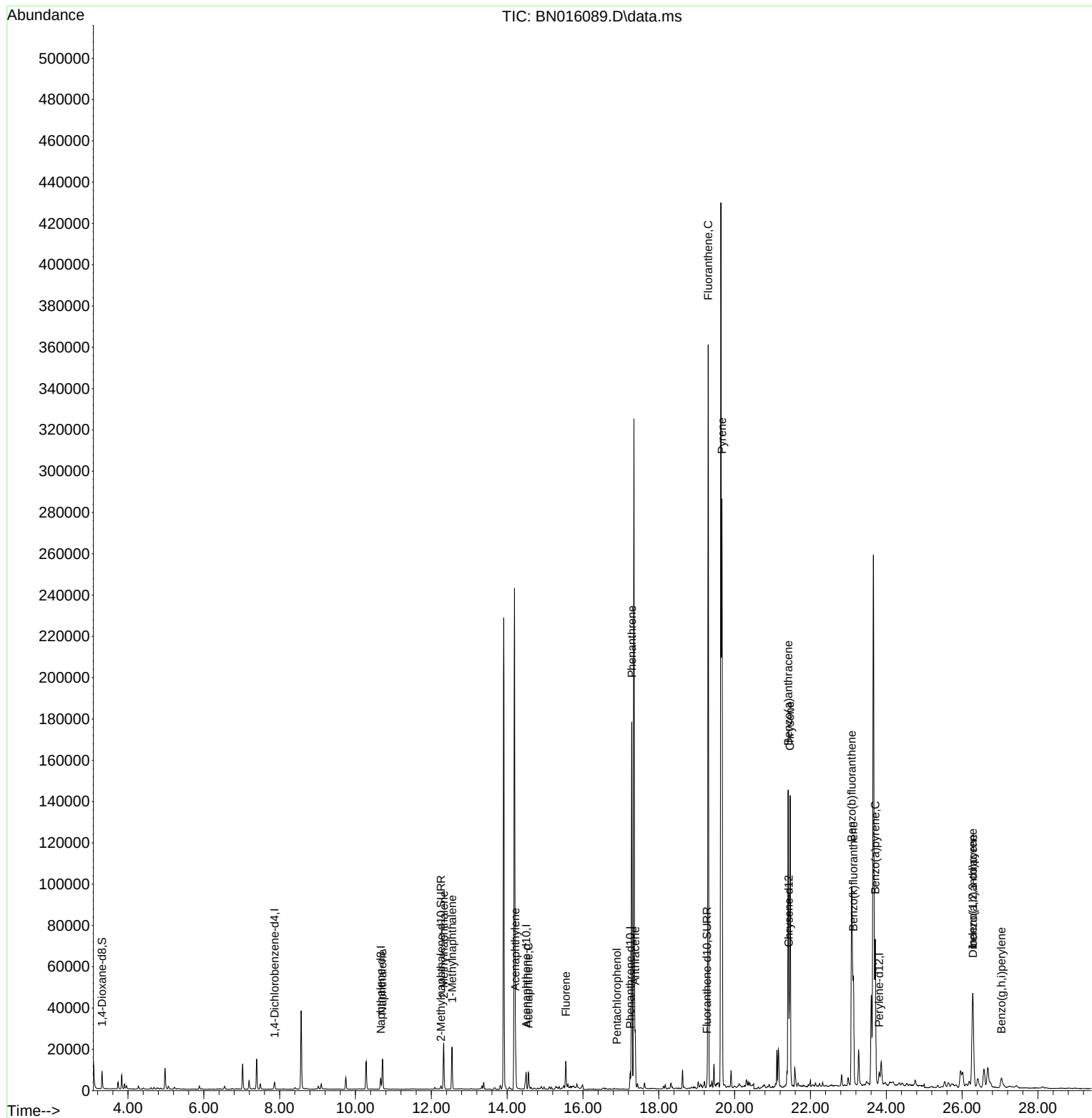
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Data File : BN016089.D
Acq On : 27 Aug 2021 03:38
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

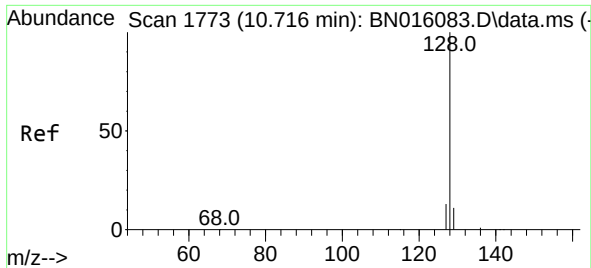
Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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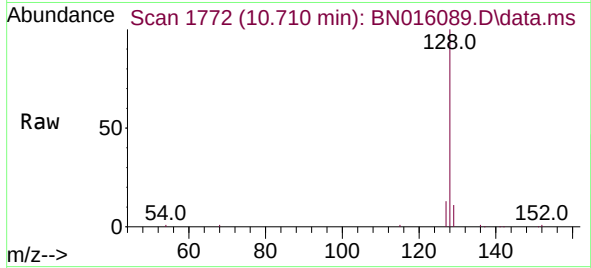
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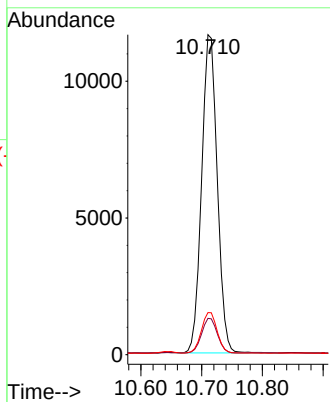
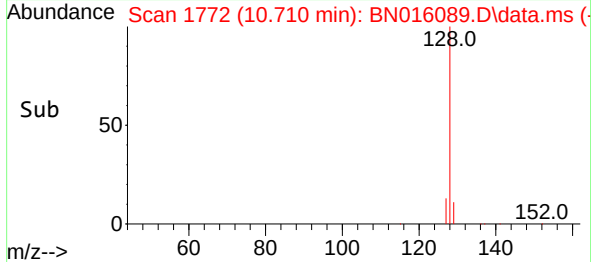




#5
Naphthalene
Concen: 1.083 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38



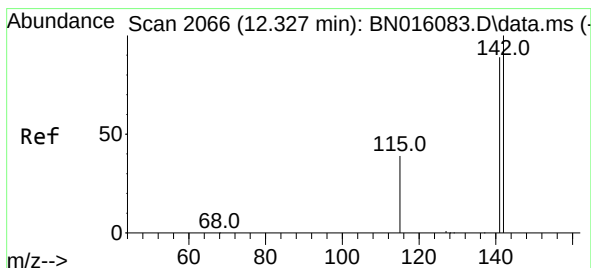
Tgt Ion:128 Resp: 20744
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.2 11.1 16.7



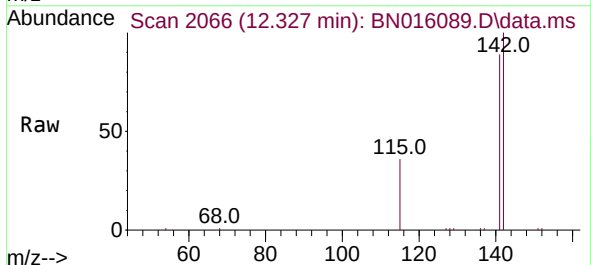
Instrument :
BNA_N
ClientSampled :
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Manual Integrations
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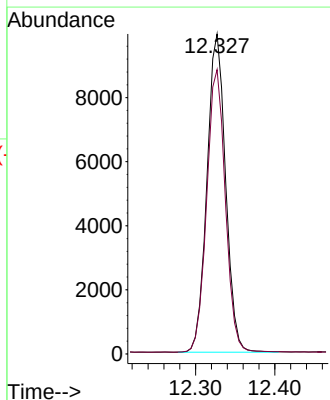
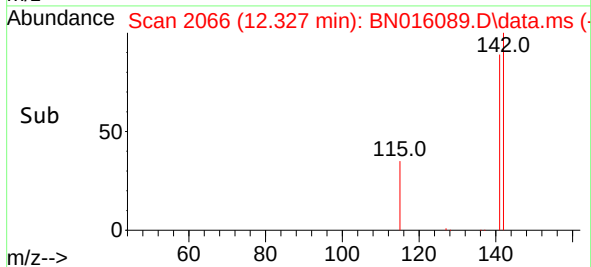
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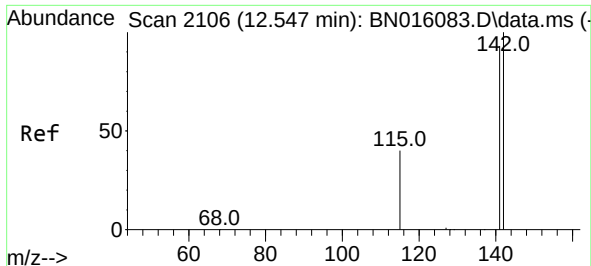


#7
2-Methylnaphthalene
Concen: 1.252 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

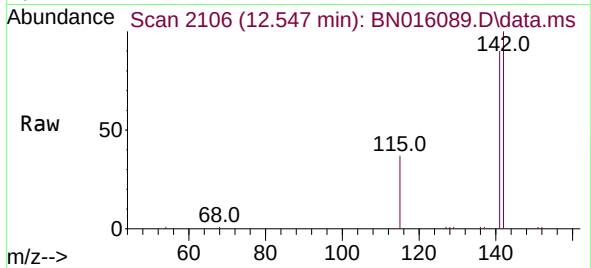


Tgt Ion:142 Resp: 16205
Ion Ratio Lower Upper
142 100
141 88.8 69.8 104.6

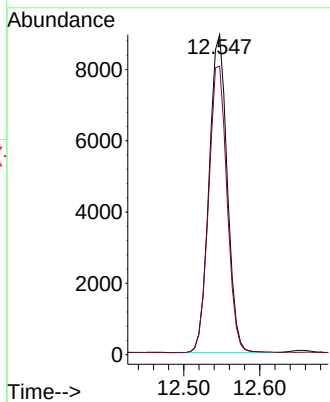
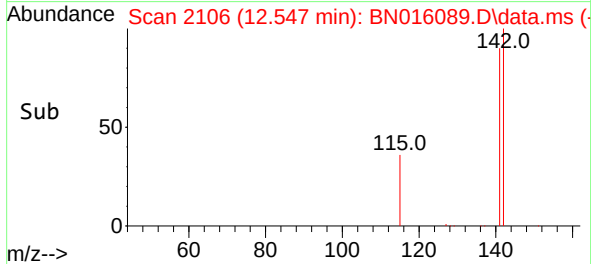




#8
1-Methylnaphthalene
Concen: 1.166 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38



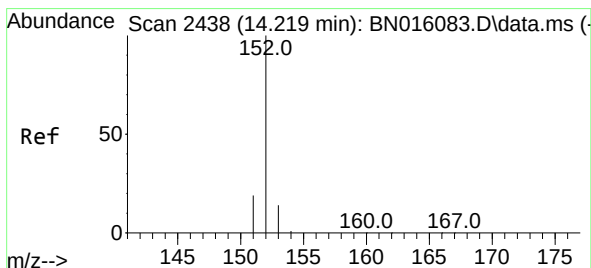
Tgt Ion:142 Resp: 14786
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2



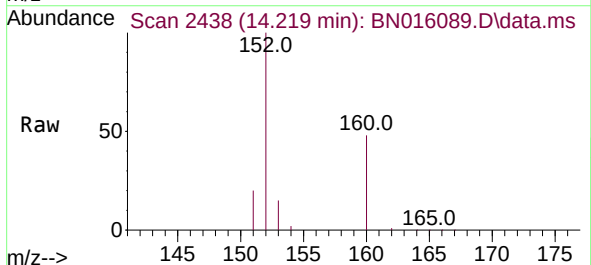
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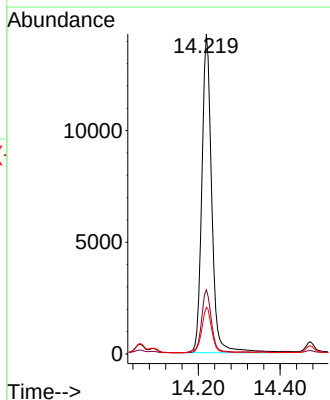
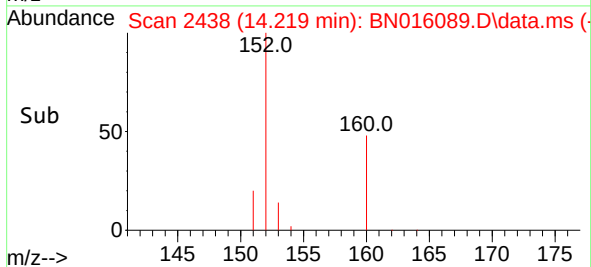
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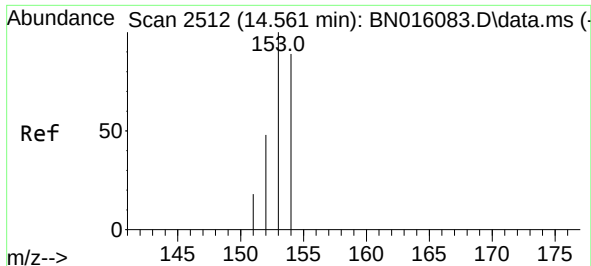


#10
Acenaphthylene
Concen: 1.443 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38



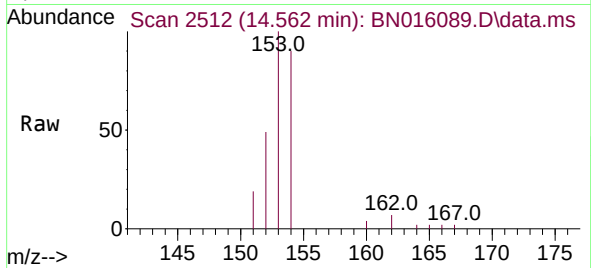
Tgt Ion:152 Resp: 23905
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6
153 14.6 11.8 17.6





#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

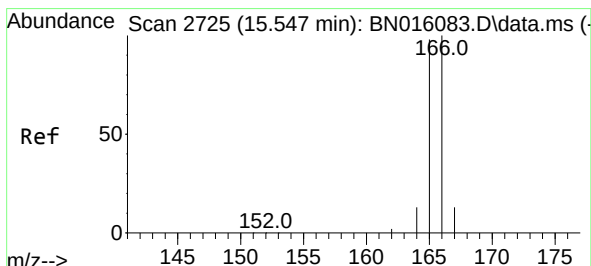
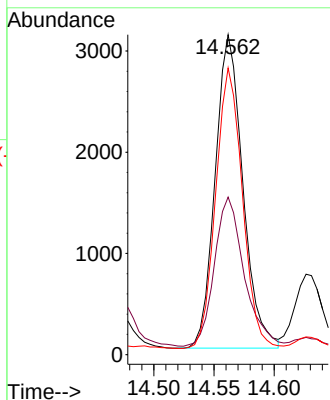
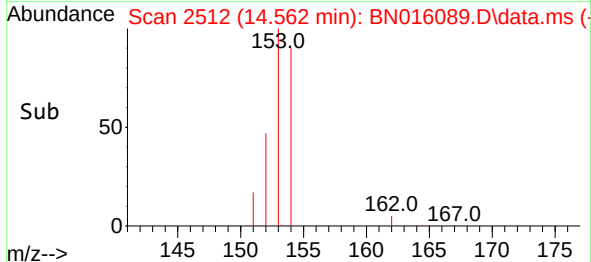
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ClientSampled :
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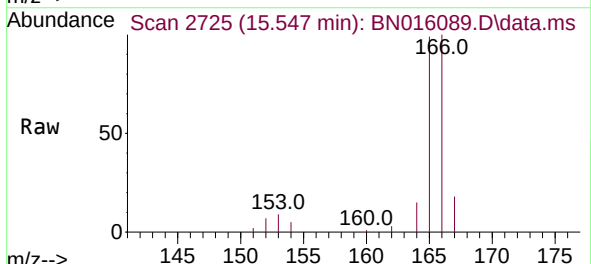
Tgt Ion:153 Resp: 4958
Ion Ratio Lower Upper
153 100
152 49.3 38.3 57.5
154 89.6 70.2 105.2

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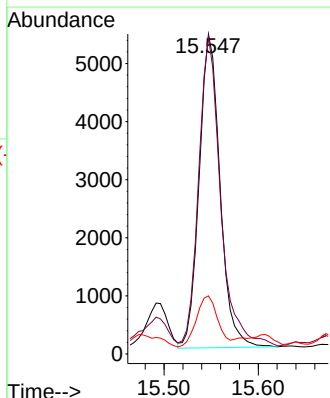
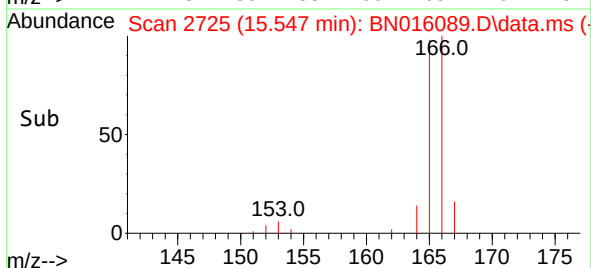
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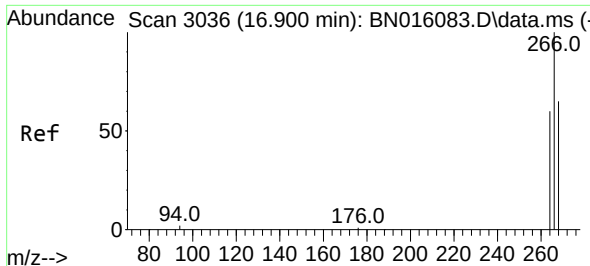


#12
Fluorene
Concen: 0.491 ng/ul
RT: 15.547 min Scan# 2725
Delta R.T. -0.000 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38



Tgt Ion:166 Resp: 8311
Ion Ratio Lower Upper
166 100
165 99.2 76.2 114.2
167 18.2 11.5 17.3#





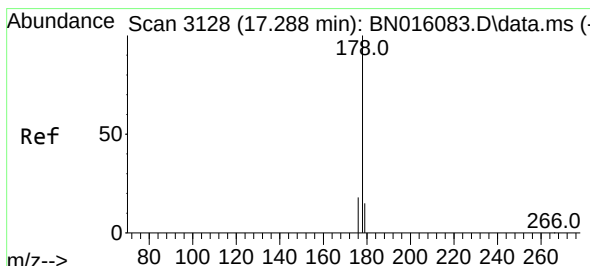
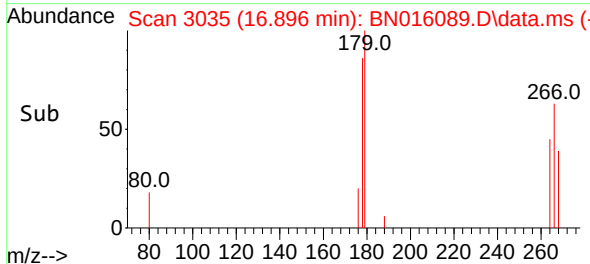
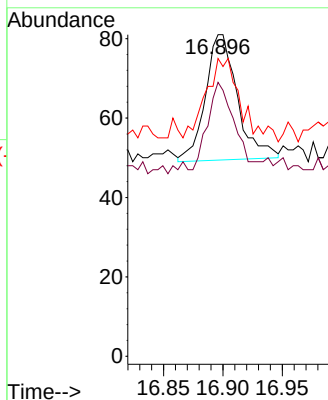
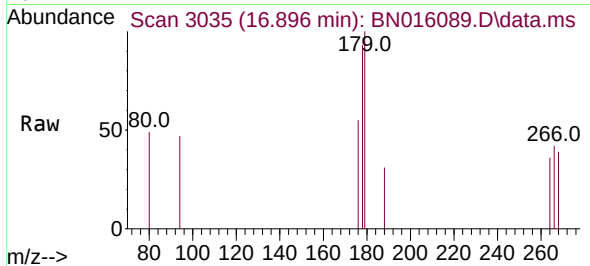
#14
Pentachlorophenol
Concen: 0.029 ng/ul
RT: 16.896 min Scan# 3035
Delta R.T. -0.000 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

Instrument :
BNA_N
ClientSampled :
C0B56

Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
264 67.8 50.2 75.2
268 72.9 52.6 79.0

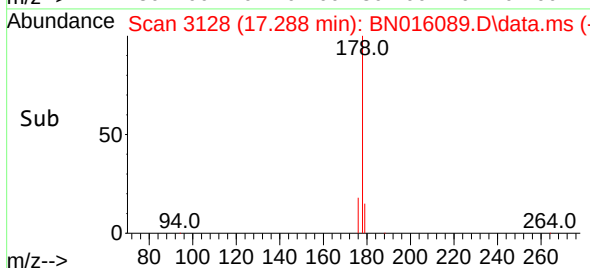
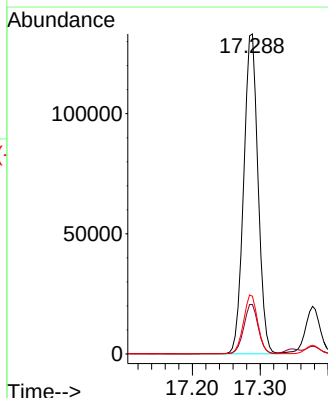
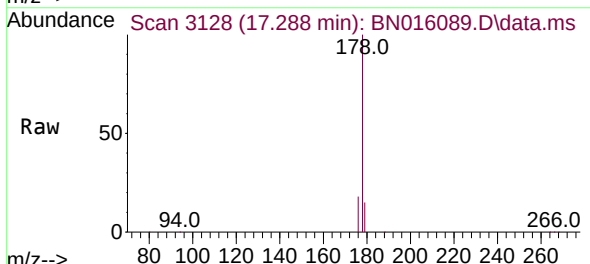
Manual Integrations
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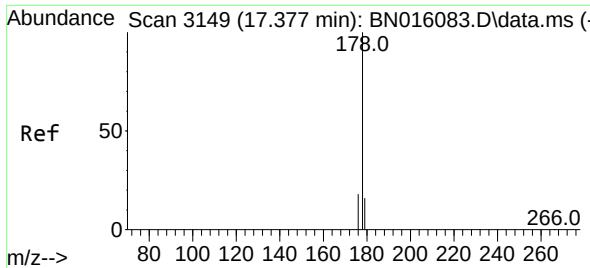
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#15
Phenanthrene
Concen: 7.378 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

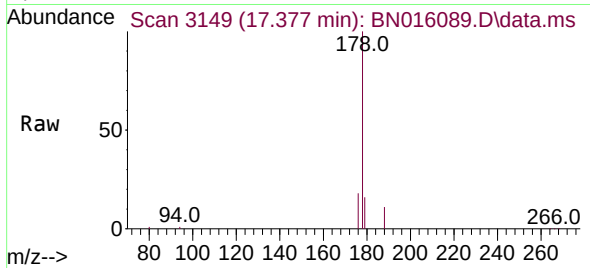
Tgt Ion:178 Resp: 195206
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 18.1 15.0 22.4





#16
 Anthracene
 Concen: 1.251 ng/ul
 RT: 17.377 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: BN016089.D
 Acq: 27 Aug 2021 03:38

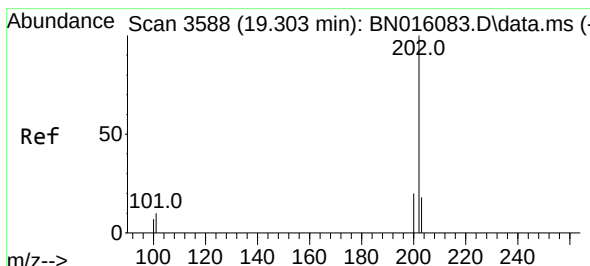
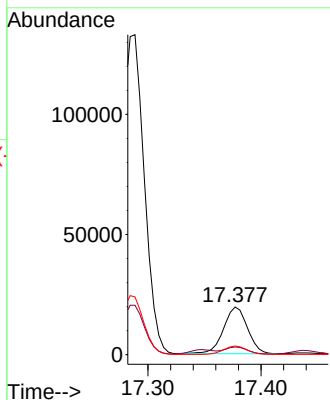
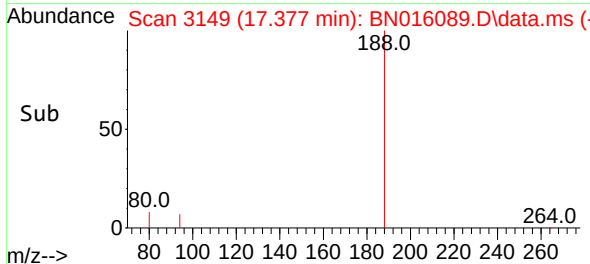
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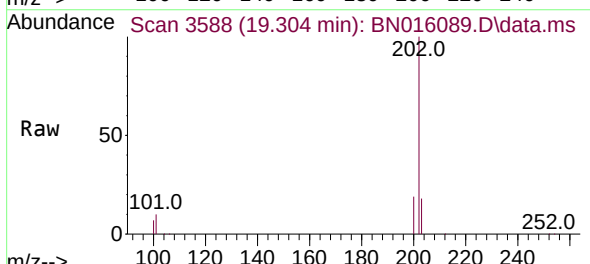
Tgt Ion:178 Resp: 28575
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.4 20.0
 176 18.1 14.9 22.3

Manual Integrations
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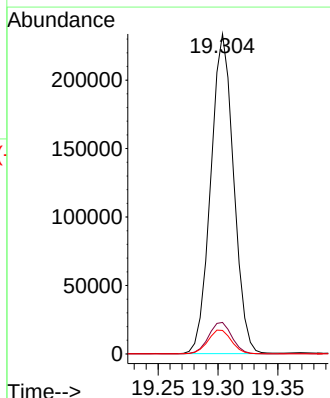
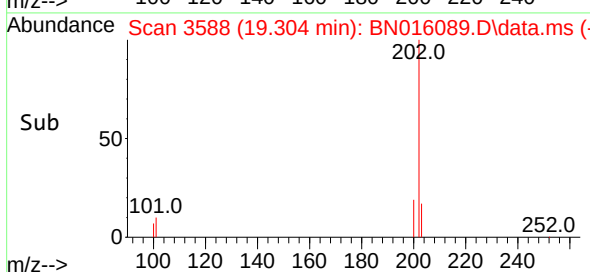
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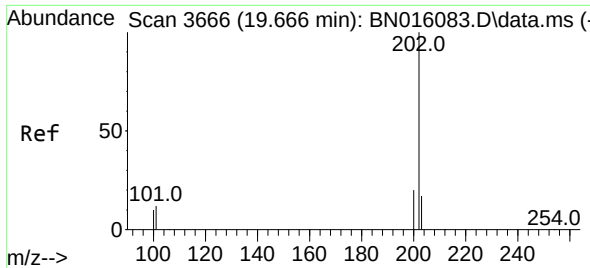


#19
 Fluoranthene
 Concen: 10.812 ng/ul
 RT: 19.304 min Scan# 3588
 Delta R.T. -0.000 min
 Lab File: BN016089.D
 Acq: 27 Aug 2021 03:38



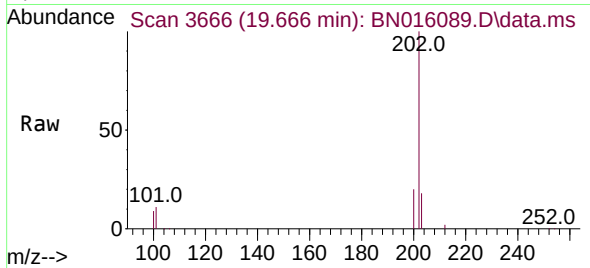
Tgt Ion:202 Resp: 310472
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.3 12.5
 100 7.4 6.6 9.8





#20
Pyrene
Concen: 8.504 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

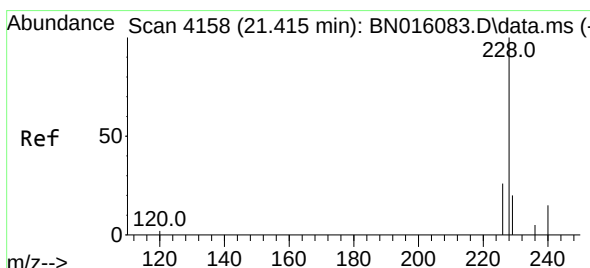
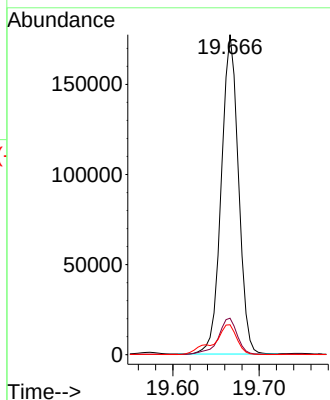
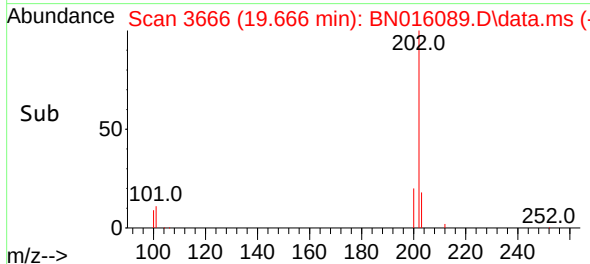
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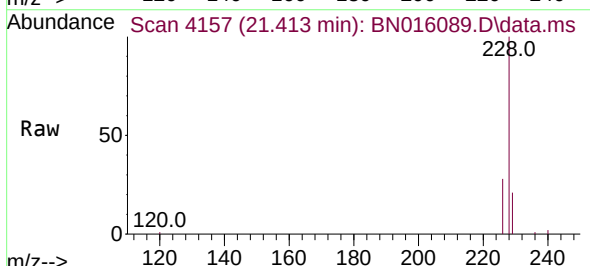
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Ion Ratio Lower Upper
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101 11.4 10.0 15.0
100 9.3 8.4 12.6

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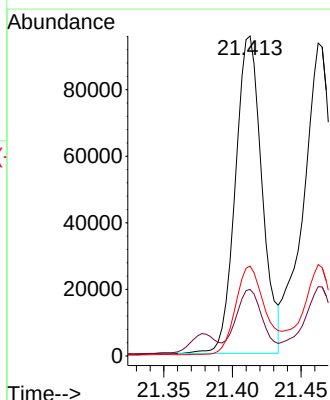
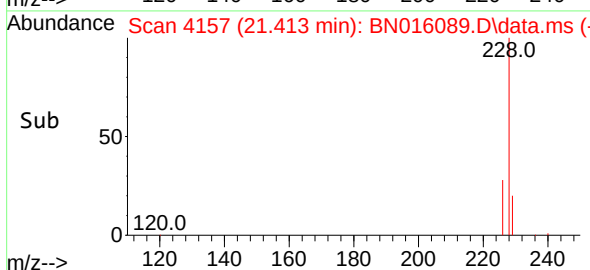
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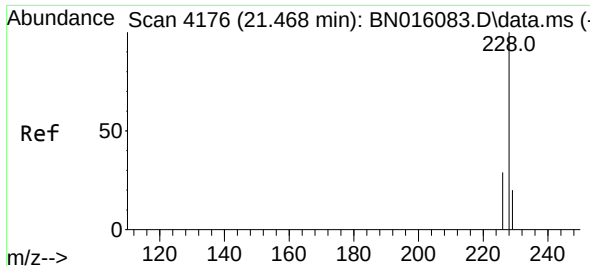


#21
Benzo(a)anthracene
Concen: 4.504 ng/ul
RT: 21.413 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

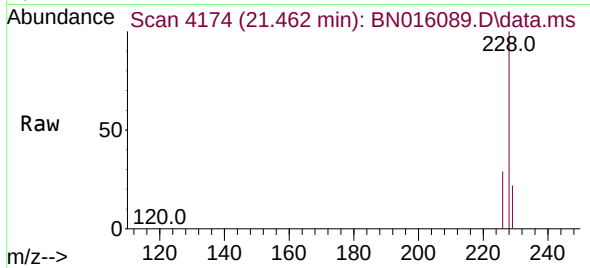


Tgt Ion:228 Resp: 128879
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.1 20.6 31.0

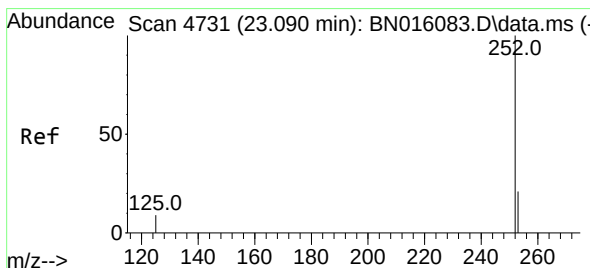
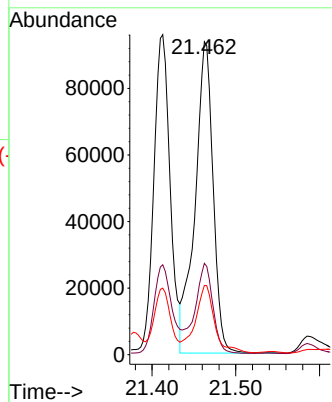
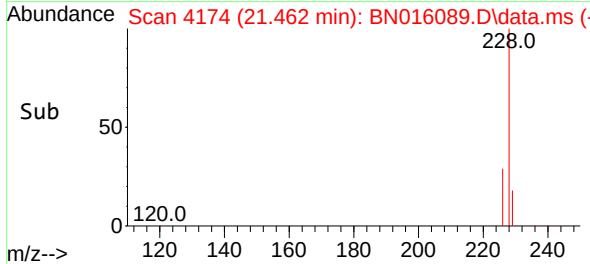




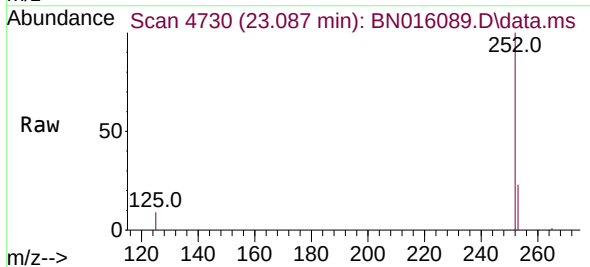
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Chrysene
Concen: 4.552 ng/ul
RT: 21.462 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38



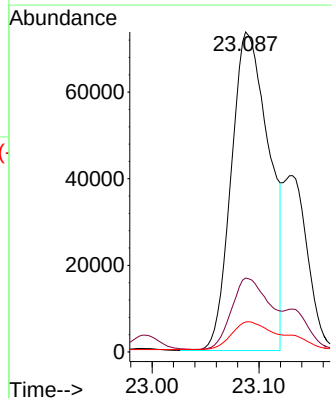
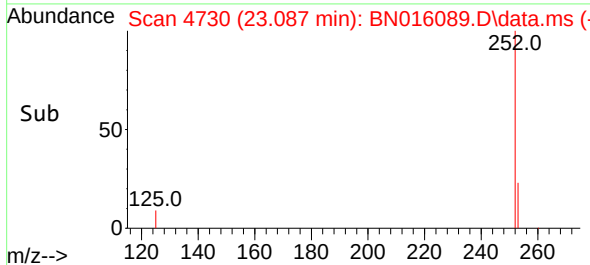
Tgt Ion:228 Resp: 140156
Ion Ratio Lower Upper
228 100
226 29.2 23.4 35.0
229 22.2 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 5.909 ng/ul m
RT: 23.087 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38



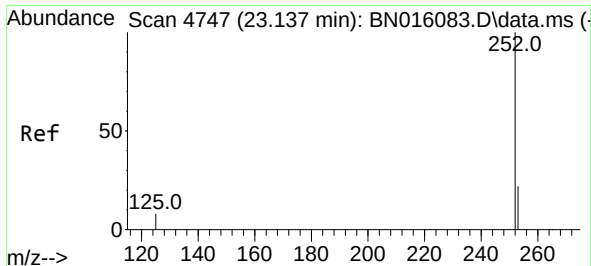
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Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.6
125 9.3 0.0 21.6



Instrument :
BNA_N
ClientSampled :
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Manual Integrations
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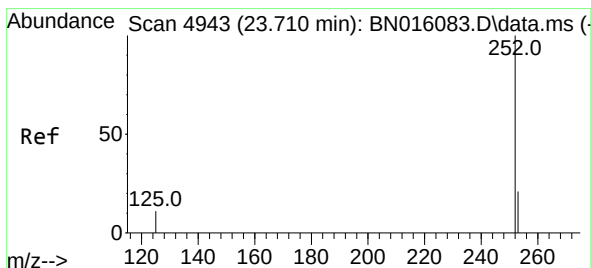
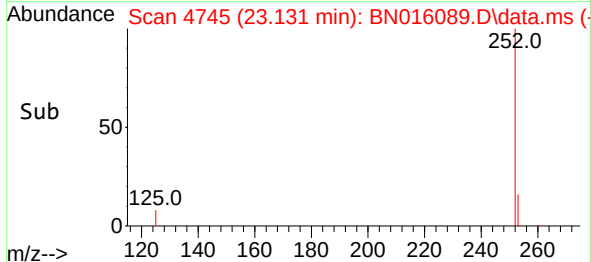
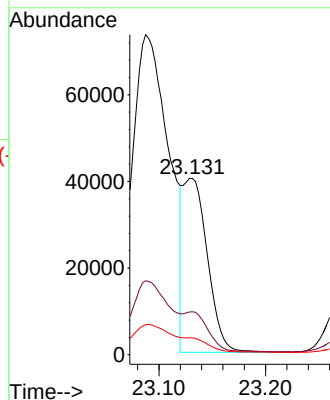
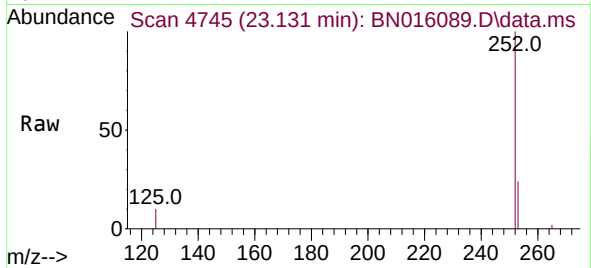
#25
Benzo(k)fluoranthene
Concen: 2.079 ng/ul m
RT: 23.131 min Scan# 4745
Delta R.T. -0.006 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

Tgt Ion:252 Resp: 64142
Ion Ratio Lower Upper
252 100
253 24.3 20.7 31.1
125 9.5 8.2 12.4

Instrument :
BNA_N
ClientSampled :
C0B56

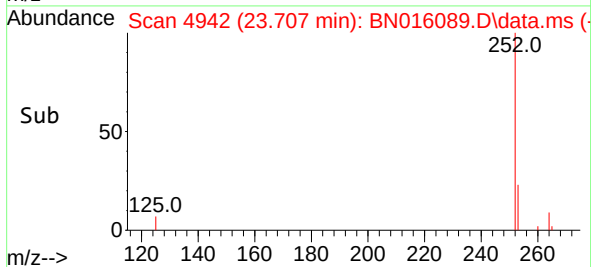
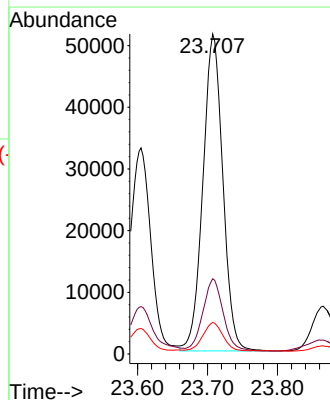
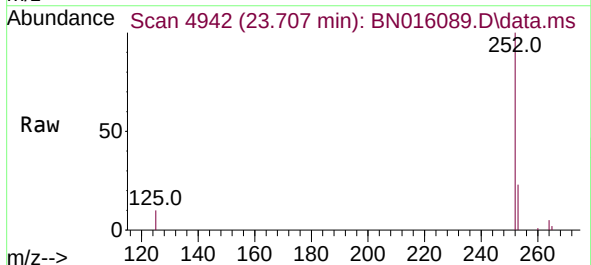
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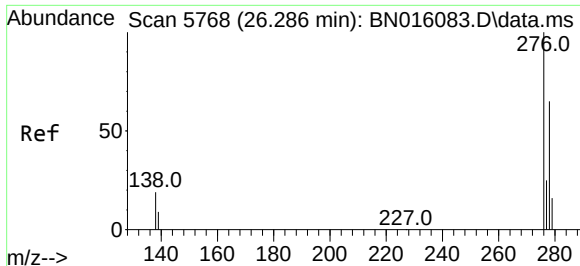
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#26
Benzo(a)pyrene
Concen: 3.949 ng/ul
RT: 23.707 min Scan# 4942
Delta R.T. -0.003 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

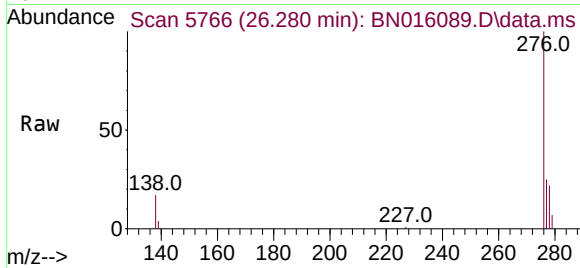
Tgt Ion:252 Resp: 101646
Ion Ratio Lower Upper
252 100
253 23.5 22.1 33.1
125 9.9 10.2 15.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.450 ng/ul
RT: 26.280 min Scan# 5766
Delta R.T. -0.010 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

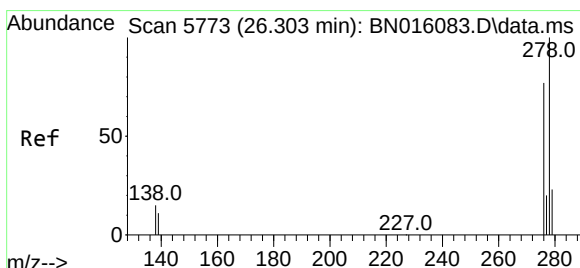
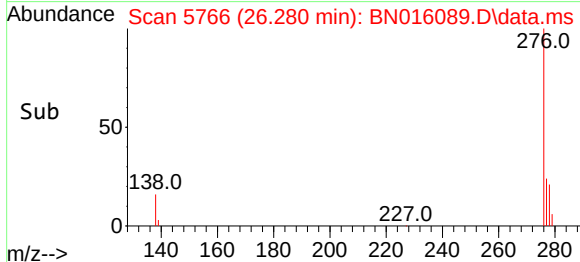
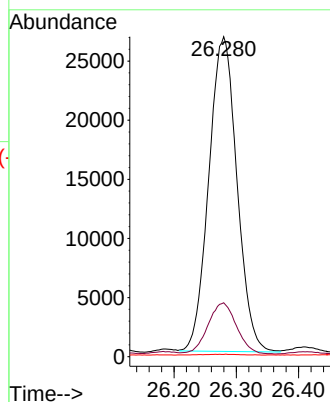
Instrument :
BNA_N
ClientSampled :
C0B56



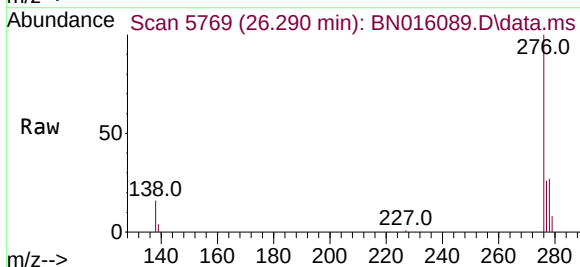
Tgt Ion:276 Resp: 83463
Ion Ratio Lower Upper
276 100
138 16.5 15.1 22.7
227 0.3 0.1 0.1#

Manual Integrations
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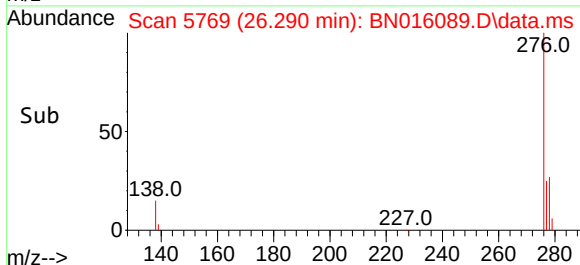
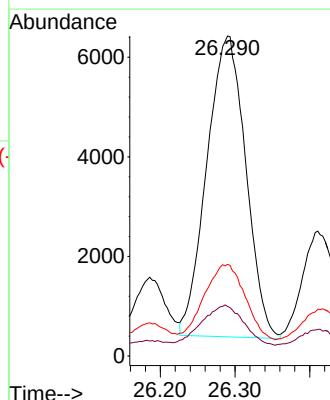
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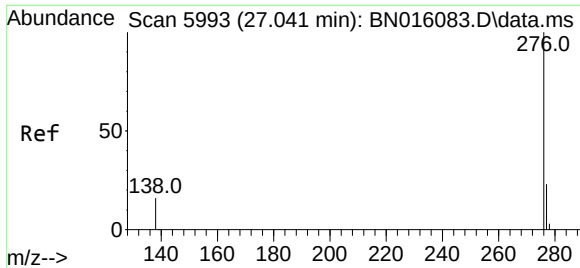


#28
Dibenzo(a,h)anthracene
Concen: 0.764 ng/ul
RT: 26.290 min Scan# 5769
Delta R.T. -0.010 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38

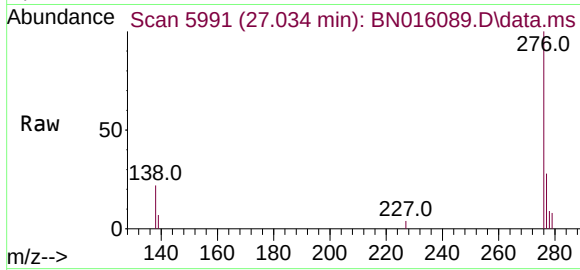


Tgt Ion:278 Resp: 21899
Ion Ratio Lower Upper
278 100
139 15.5 12.0 18.0
279 28.6 21.0 31.6

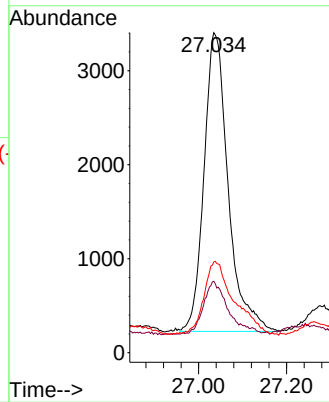
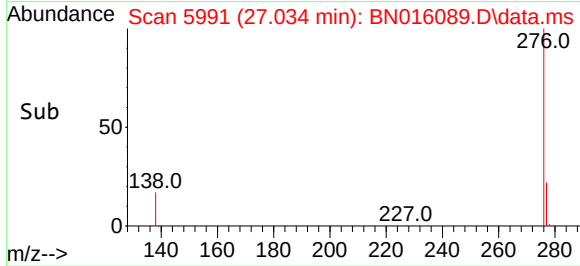




#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 27.034 min Scan# 5991
Delta R.T. -0.003 min
Lab File: BN016089.D
Acq: 27 Aug 2021 03:38



Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	13.8	20.8
277	28.3	20.5	30.7



Instrument :
BNA_N
ClientSampleId :
C0B56

Manual Integrations
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