

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016096.D
 Acq On : 27 Aug 2021 07:58
 Operator : CG/JU
 Sample : M3458-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR4

Manual Integrations
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Quant Time: Aug 27 08:54:26 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	7.863	152	1732	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	7716	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4943	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	10376	0.400	ng/ul	0.00
17) Chrysene-d12	21.432	240	10051	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	9334	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5471	2.331	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	1975	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	5245	0.194	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.710	128	8302	0.417	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	6819	0.506	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	5626	0.426	ng/ul	99
10) Acenaphthylene	14.220	152	2510	0.144	ng/ul#	91
11) Acenaphthene	14.562	153	560	0.037	ng/ul	94
12) Fluorene	15.548	166	698	0.039	ng/ul#	81
15) Phenanthrene	17.289	178	16629	0.581	ng/ul	99
16) Anthracene	17.378	178	2600	0.105	ng/ul#	93
19) Fluoranthene	19.304	202	36330	1.157	ng/ul	99
20) Pyrene	19.667	202	31642	1.001	ng/ul	99
21) Benzo(a)anthracene	21.417	228	19844	0.634	ng/ul	96
22) Chrysene	21.470	228	21683	0.644	ng/ul	97
24) Benzo(b)fluoranthene	23.095	252	28684m	0.824	ng/ul	
25) Benzo(k)fluoranthene	23.136	252	10880m	0.310	ng/ul	
26) Benzo(a)pyrene	23.715	252	14645	0.500	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.285	276	12576	0.324	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.299	278	3602	0.110	ng/ul#	72
29) Benzo(g,h,i)perylene	27.047	276	1411	0.042	ng/ul#	60

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

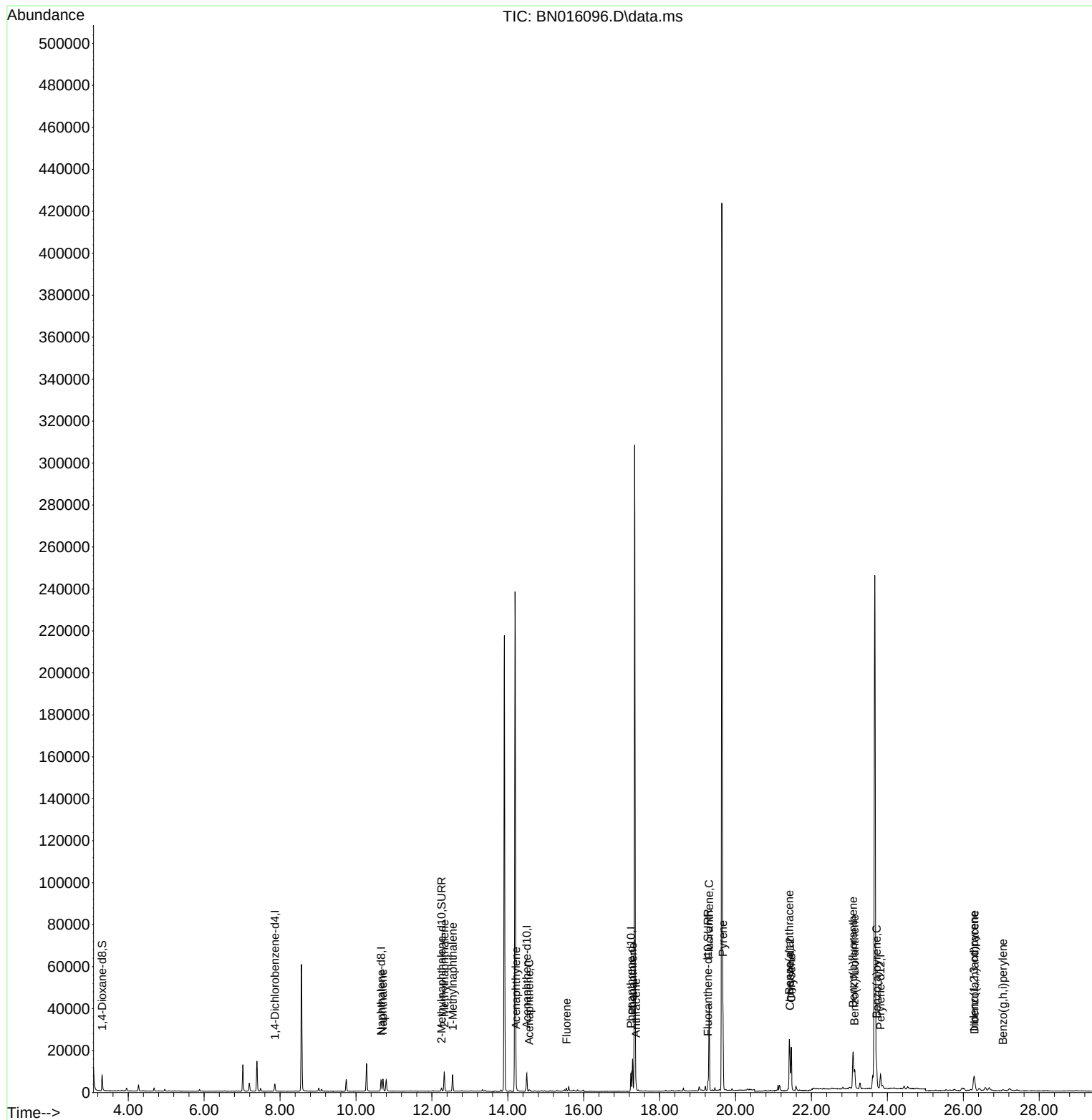
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016096.D
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Operator : CG/JU
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ALS Vial : 28 Sample Multiplier: 1

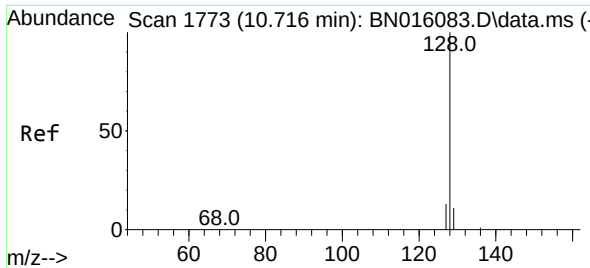
Instrument :
BNA_N
ClientSampled :
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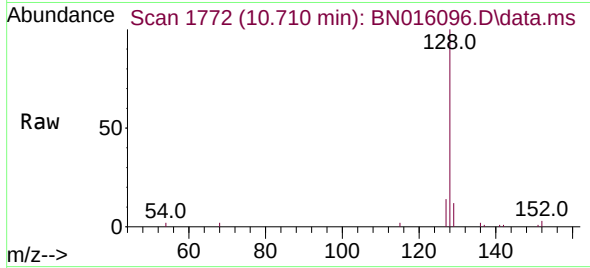
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
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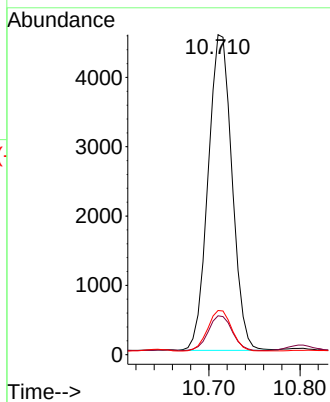
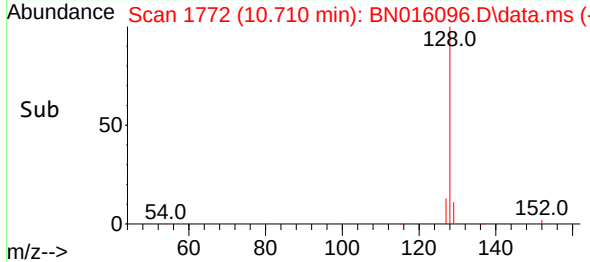




#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



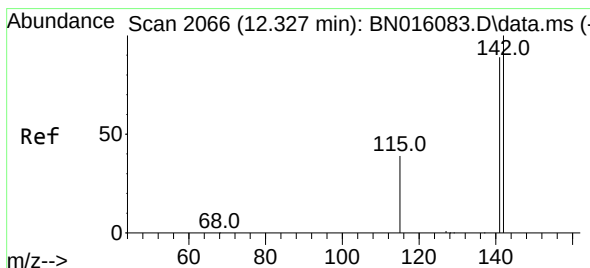
Tgt Ion:128 Resp: 8302
Ion Ratio Lower Upper
128 100
129 12.1 9.7 14.5
127 13.8 11.1 16.7



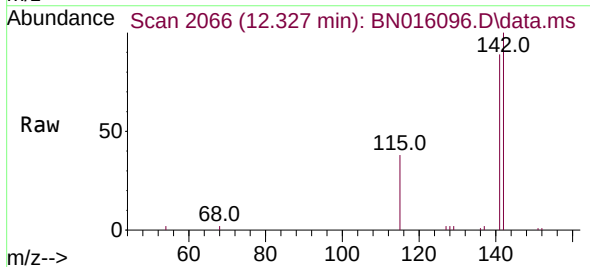
Instrument :
BNA_N
ClientSampled :
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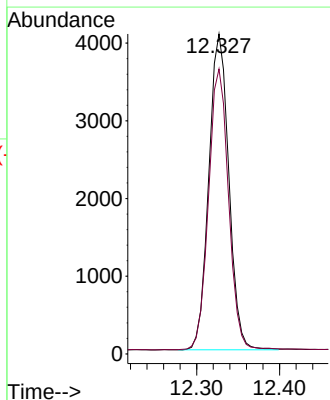
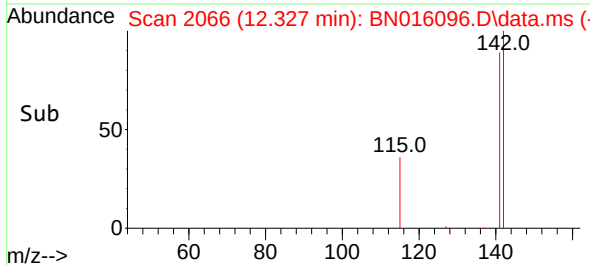
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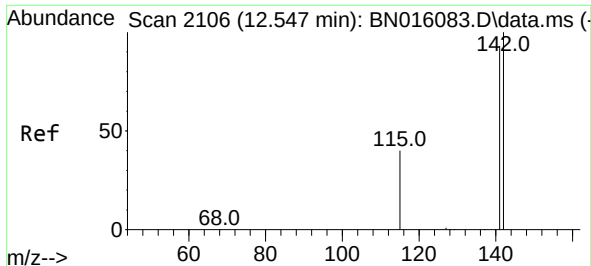


#7
2-Methylnaphthalene
Concen: 0.506 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58

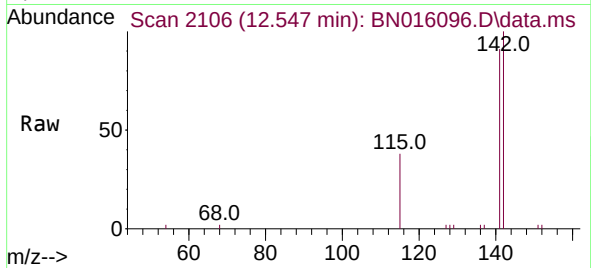


Tgt Ion:142 Resp: 6819
Ion Ratio Lower Upper
142 100
141 88.6 69.8 104.6

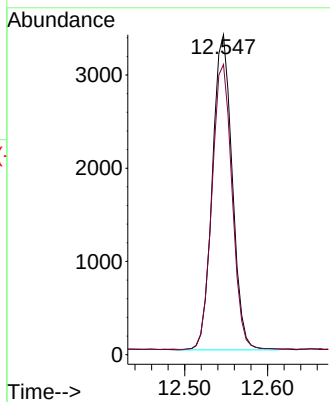
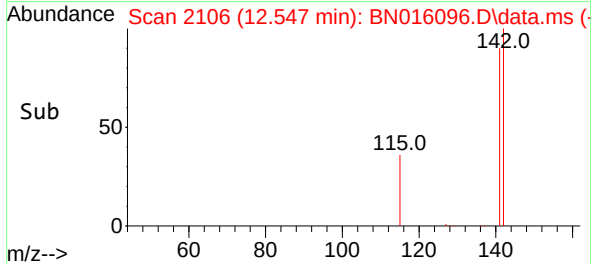




#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



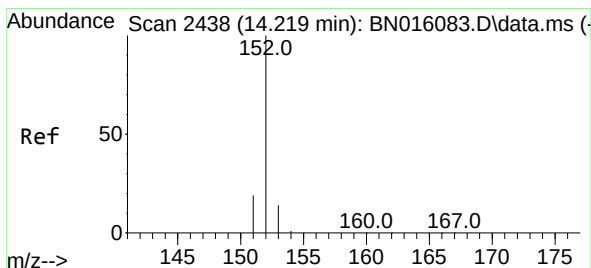
Tgt Ion:142 Resp: 5626
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2



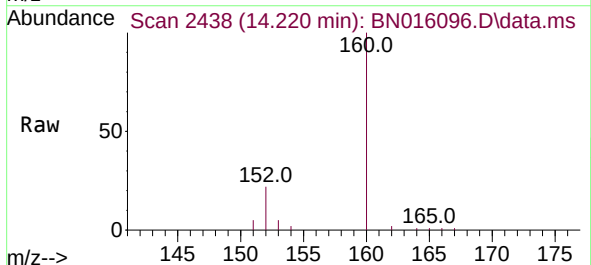
Instrument :
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ClientSampled :
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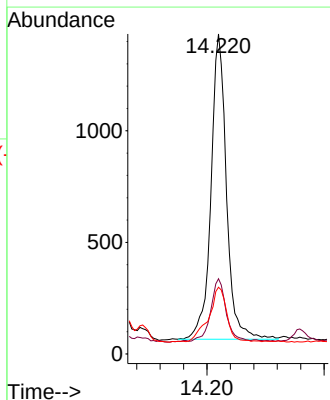
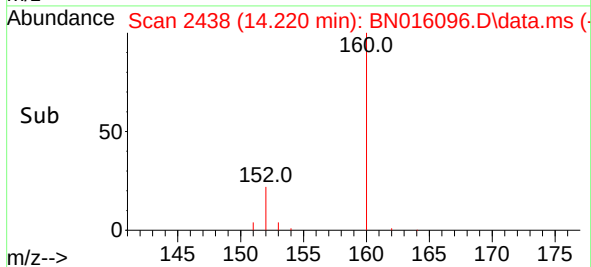
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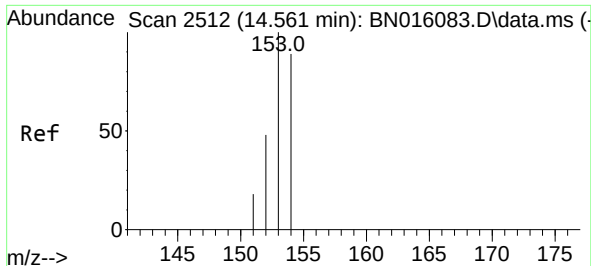


#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.220 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58

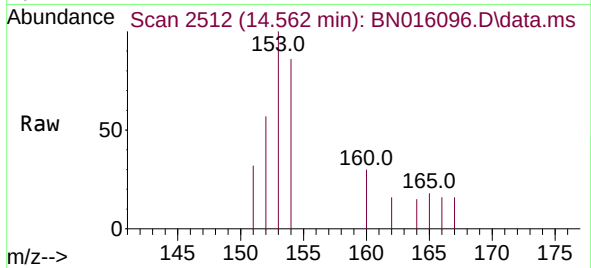


Tgt Ion:152 Resp: 2510
Ion Ratio Lower Upper
152 100
151 23.5 17.0 25.6
153 20.9 11.8 17.6#

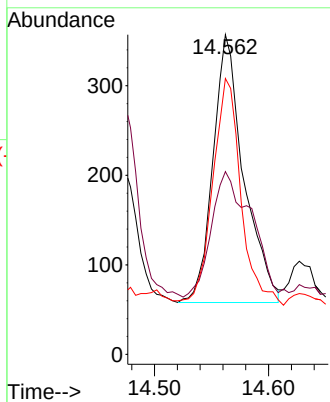
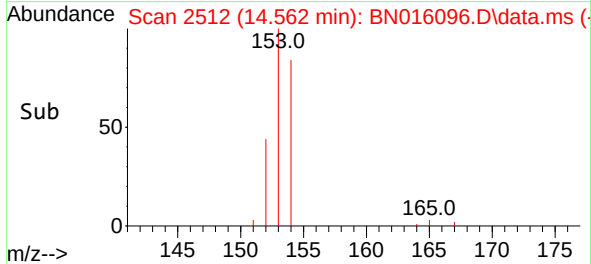




#11
Acenaphthene
Concen: 0.037 ng/u1
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



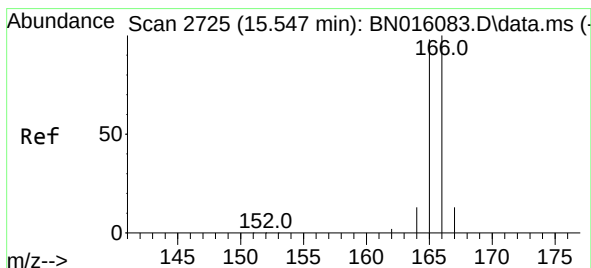
Tgt Ion:153 Resp: 560
Ion Ratio Lower Upper
153 100
152 57.1 38.3 57.5
154 86.3 70.2 105.2



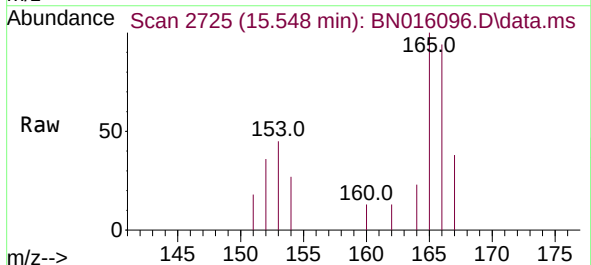
Instrument :
BNA_N
ClientSampleId :
C0AR4

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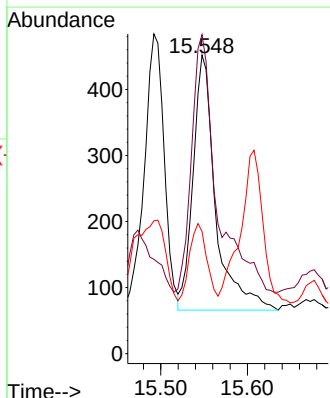
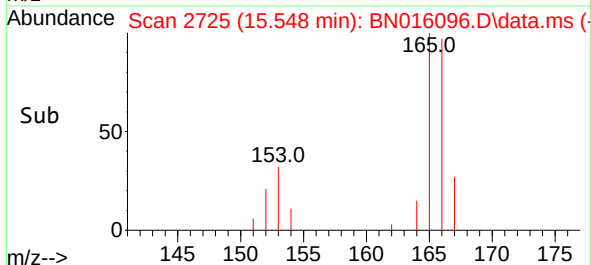
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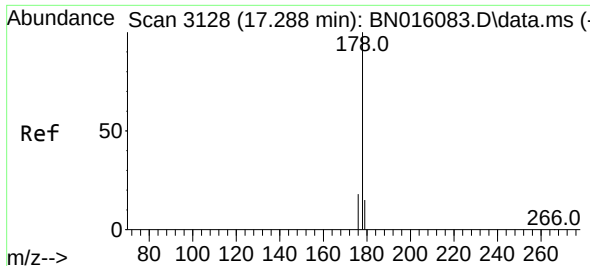


#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.548 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



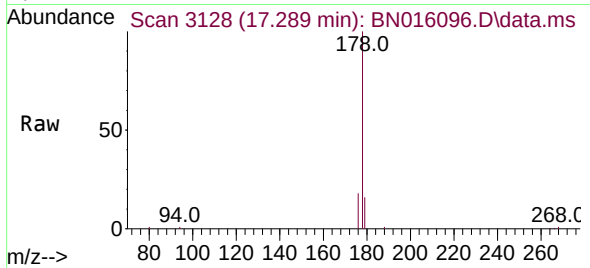
Tgt Ion:166 Resp: 698
Ion Ratio Lower Upper
166 100
165 106.9 76.2 114.2
167 40.9 11.5 17.3#





#15
Phenanthrene
Concen: 0.581 ng/ul
RT: 17.289 min Scan# 3128
Delta R.T. 0.005 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58

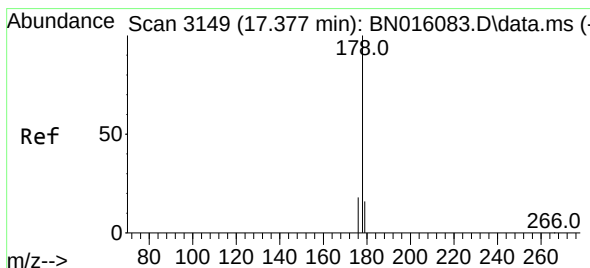
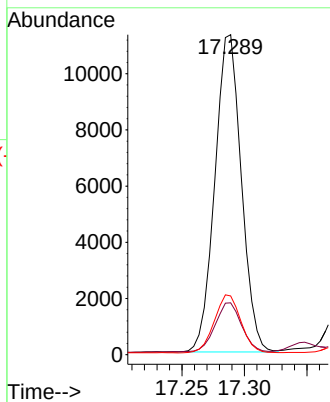
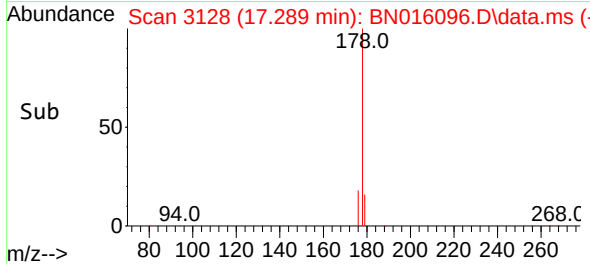
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BNA_N
ClientSampled :
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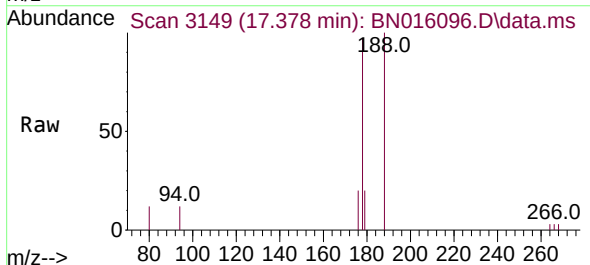
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.2
176	18.4	15.0	22.4

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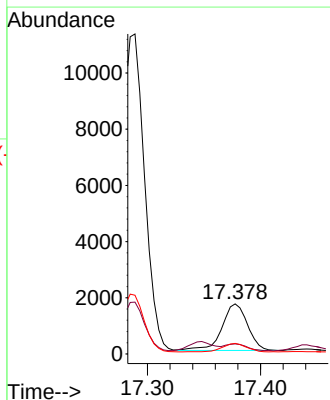
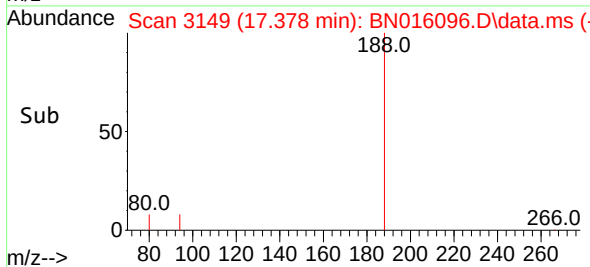
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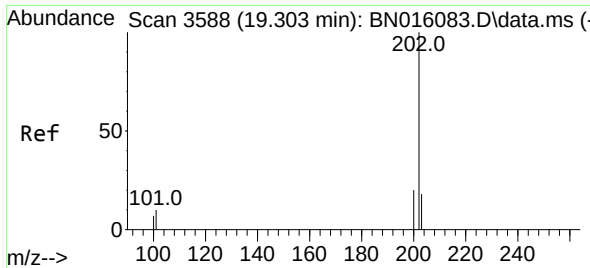


#16
Anthracene
Concen: 0.105 ng/ul
RT: 17.378 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.2	13.4	20.0
176	20.9	14.9	22.3





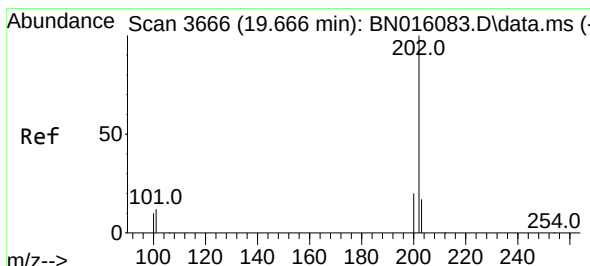
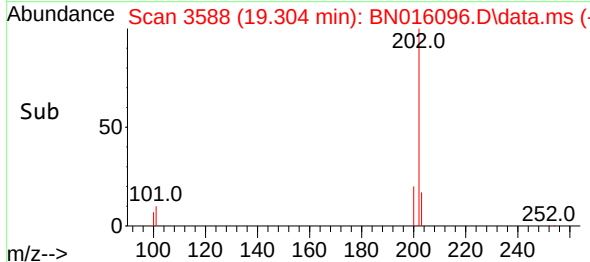
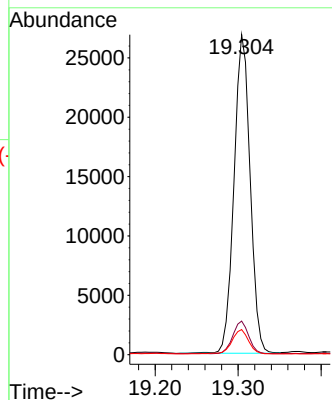
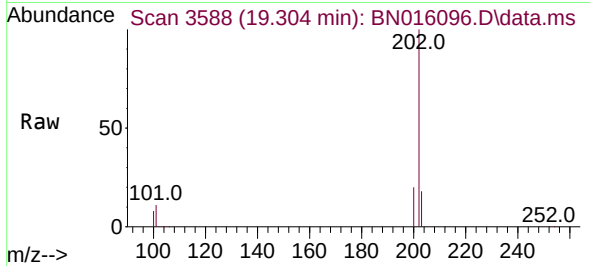
#19
Fluoranthene
Concen: 1.157 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. 0.000 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.3	12.5
100	7.8	6.6	9.8

Instrument :
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C0AR4

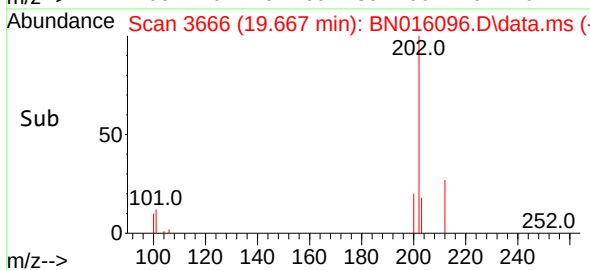
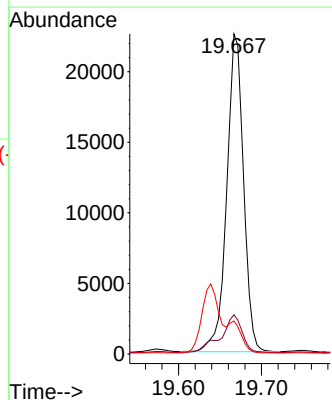
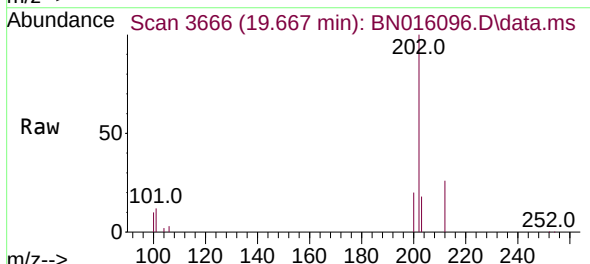
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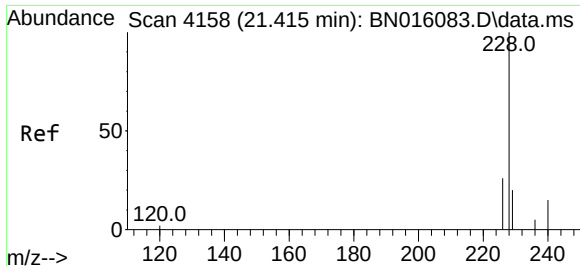
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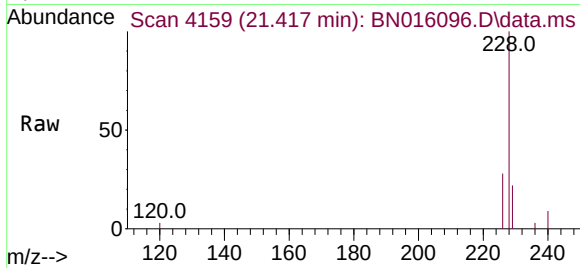
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Pyrene
Concen: 1.001 ng/ul
RT: 19.667 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.0	15.0
100	10.3	8.4	12.6

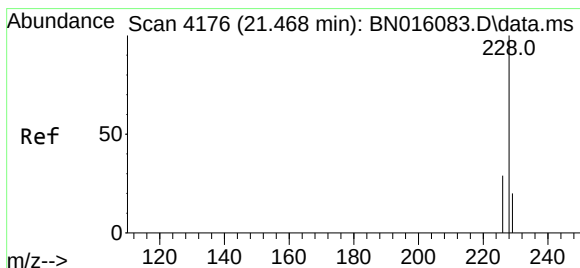
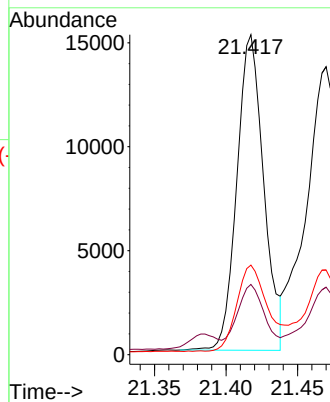
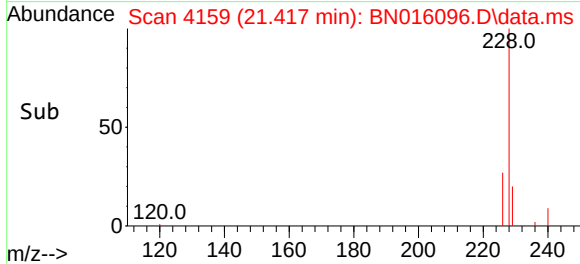




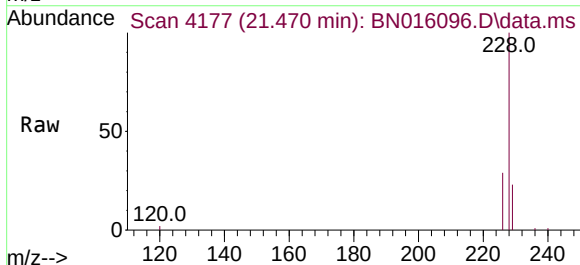
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Benzo(a)anthracene
Concen: 0.634 ng/ul
RT: 21.417 min Scan# 4159
Delta R.T. 0.002 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



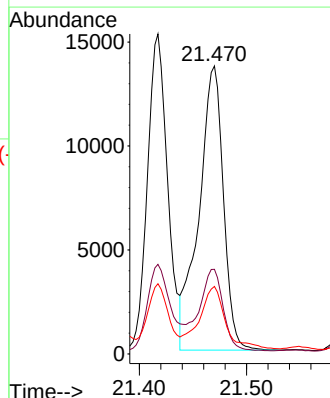
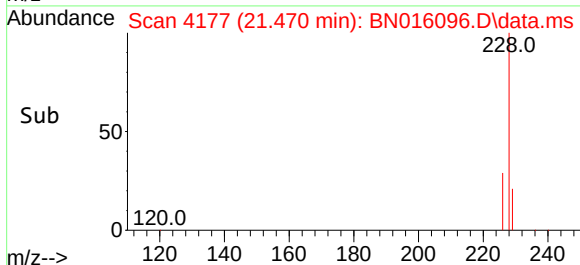
Tgt Ion:228 Resp: 19844
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 28.0 20.6 31.0



#22
Chrysene
Concen: 0.644 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. 0.002 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



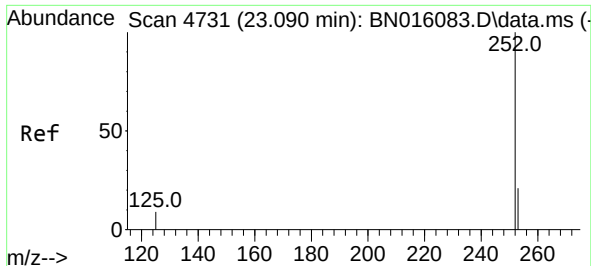
Tgt Ion:228 Resp: 21683
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.0
229 23.4 16.4 24.6



Instrument :
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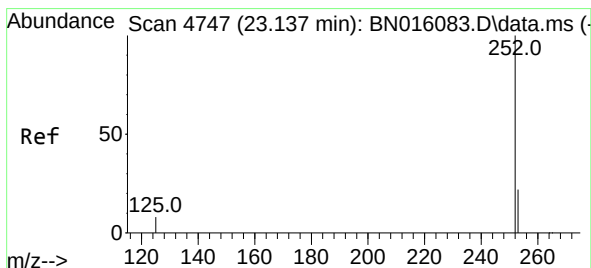
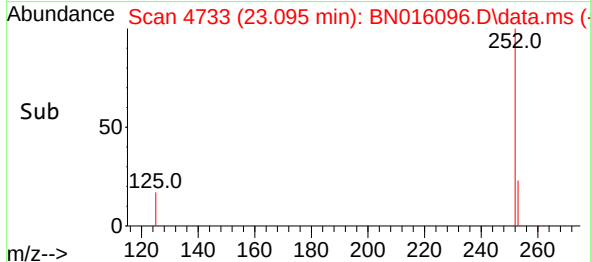
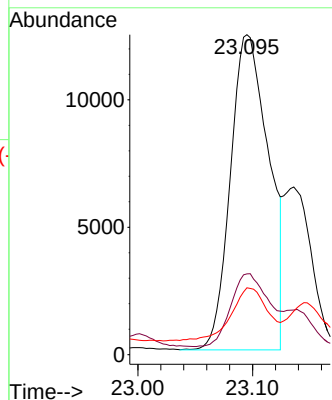
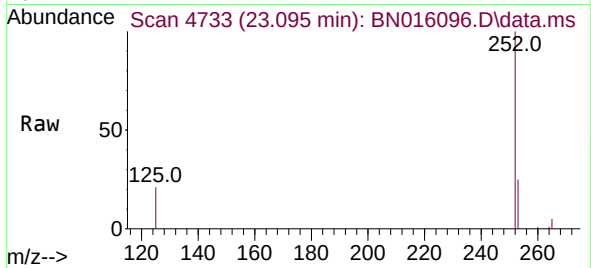
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Benzo(b)fluoranthene
Concen: 0.824 ng/ul m
RT: 23.095 min Scan# 4733
Delta R.T. 0.005 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58

Tgt Ion:	252	Resp:	28684
Ion Ratio	Lower	Upper	
252	100		
253	25.3	0.0	50.6
125	20.9	0.0	21.6

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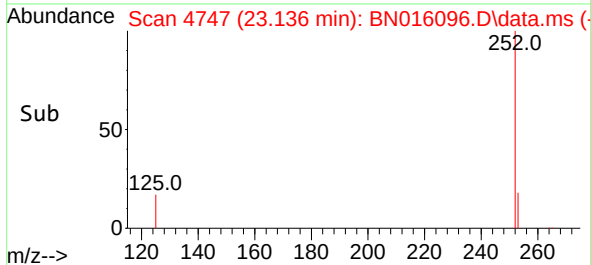
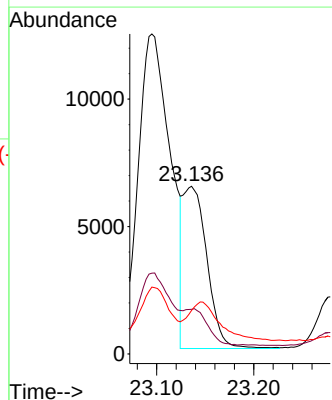
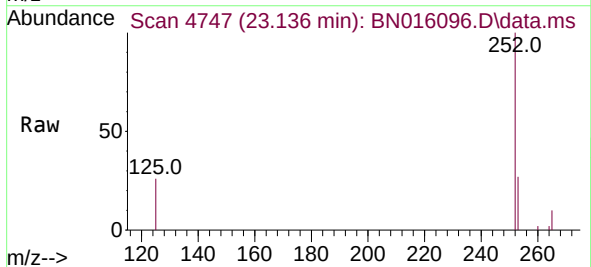
Manual Integrations
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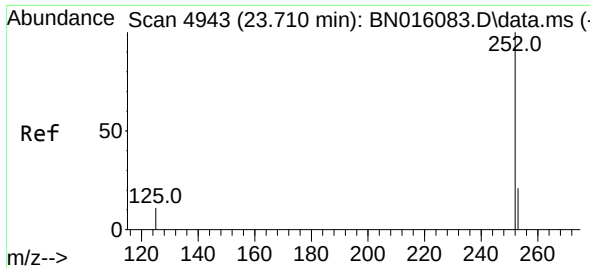
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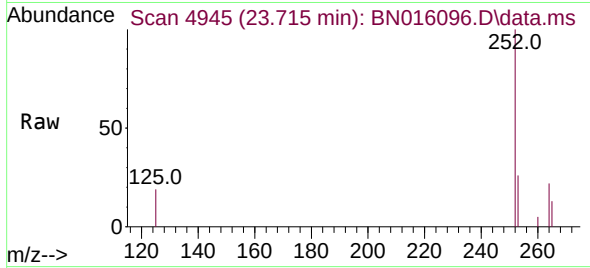
#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul m
RT: 23.136 min Scan# 4747
Delta R.T. -0.001 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58

Tgt Ion:	252	Resp:	10880
Ion Ratio	Lower	Upper	
252	100		
253	26.6	20.7	31.1
125	25.9	8.2	12.4#

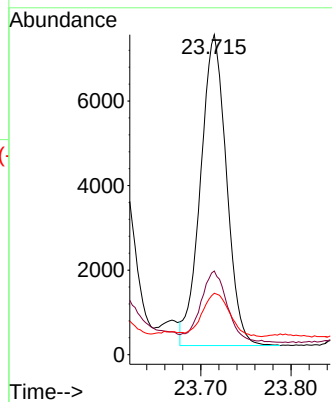
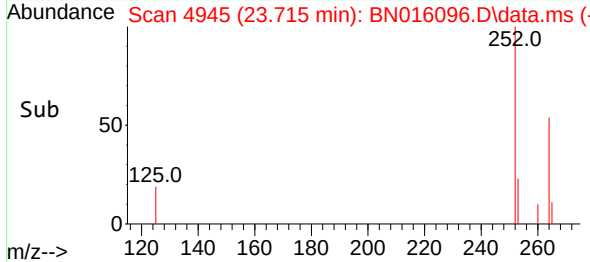




#26
Benzo(a)pyrene
Concen: 0.500 ng/ul
RT: 23.715 min Scan# 4945
Delta R.T. 0.005 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



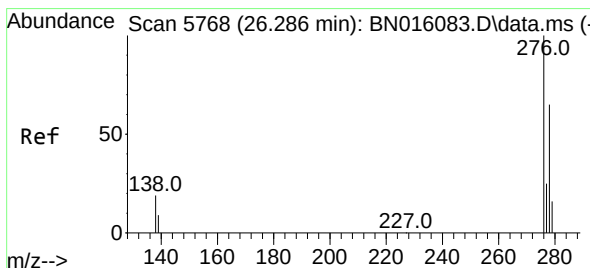
Tgt Ion:252 Resp: 14645
Ion Ratio Lower Upper
252 100
253 26.2 22.1 33.1
125 19.2 10.2 15.4#



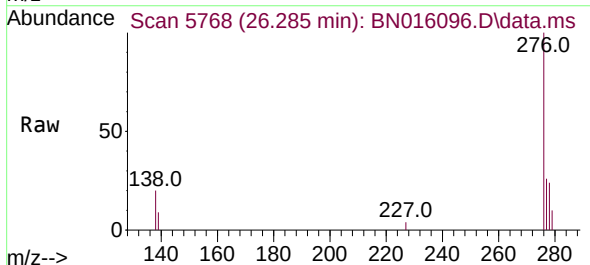
Instrument :
BNA_N
ClientSampled :
C0AR4

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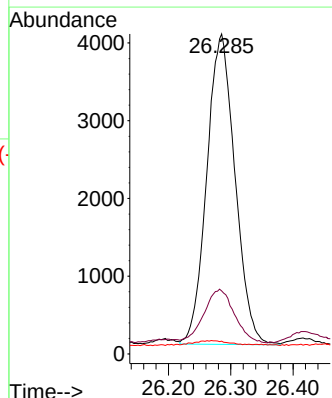
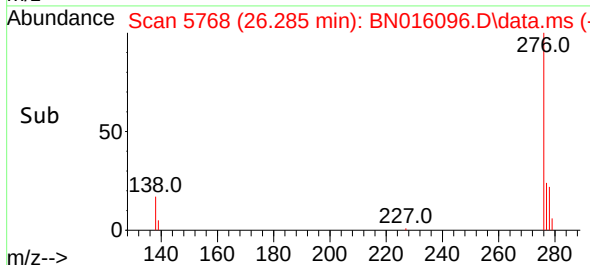
mohammad
8/27/2021 5:10:34 PM

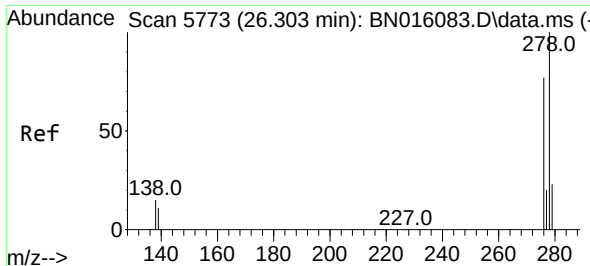


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 26.285 min Scan# 5768
Delta R.T. -0.005 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58

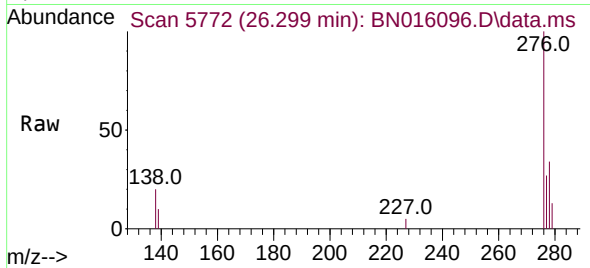


Tgt Ion:276 Resp: 12576
Ion Ratio Lower Upper
276 100
138 18.7 15.1 22.7
227 1.6 0.1 0.1#

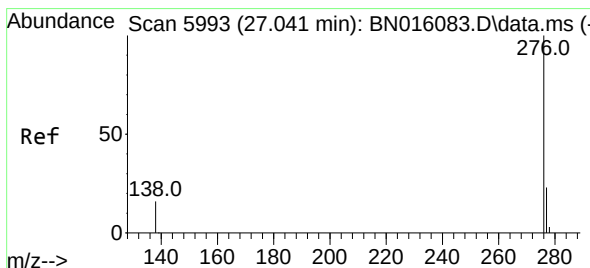
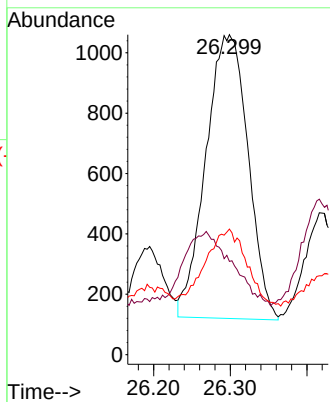
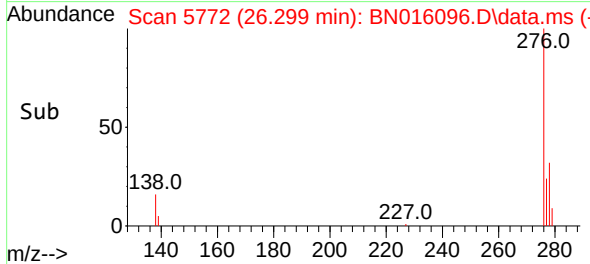




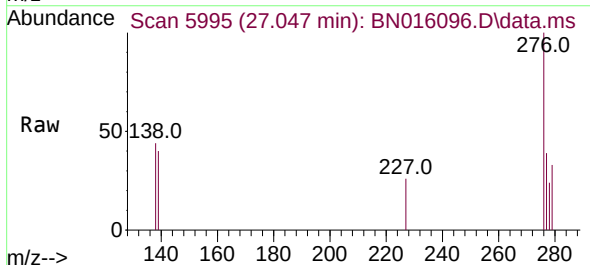
#28
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 26.299 min Scan# 5772
Delta R.T. -0.001 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



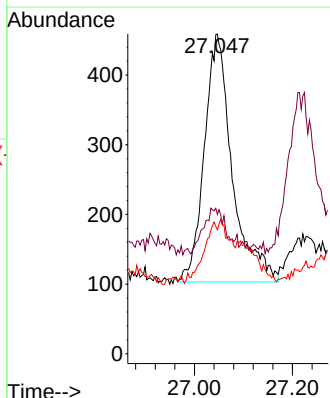
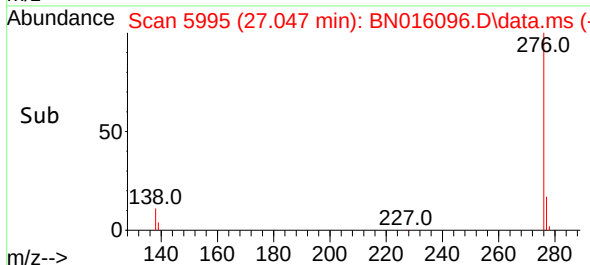
Tgt Ion:278 Resp: 3602
Ion Ratio Lower Upper
278 100
139 29.2 12.0 18.0#
279 39.2 21.0 31.6#



#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 27.047 min Scan# 5995
Delta R.T. 0.009 min
Lab File: BN016096.D
Acq: 27 Aug 2021 07:58



Tgt Ion:276 Resp: 1411
Ion Ratio Lower Upper
276 100
138 43.6 13.8 20.8#
277 38.8 20.5 30.7#



Instrument :
BNA_N
ClientSampled :
C0AR4

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mohammad
8/27/2021 5:10:34 PM