

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016143.D
 Acq On : 02 Sep 2021 18:44
 Operator : CG/JU
 Sample : M3458-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR7

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:59:25 AM

Quant Time: Sep 02 19:12:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	2504	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	10295	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	6317	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	12492	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	11738	0.400	ng/ul	# 0.00
23) Perylene-d12	23.847	264	15044	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	5485	1.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	2211	0.152	ng/ul	0.00
18) Fluoranthene-d10	19.289	212	5717	0.182	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.721	128	104673	3.819	ng/ul	98
7) 2-Methylnaphthalene	12.333	142	47101	2.634	ng/ul	99
8) 1-Methylnaphthalene	12.553	142	40976	2.296	ng/ul	100
10) Acenaphthylene	14.229	152	96513	4.039	ng/ul	99
11) Acenaphthene	14.571	153	31618	1.581	ng/ul	98
12) Fluorene	15.556	166	67937	2.968	ng/ul	99
14) Pentachlorophenol	16.913	266	42	0.021	ng/ul	95
15) Phenanthrene	17.297	178	1564861	43.468	ng/ul	98
16) Anthracene	17.390	178	356059	11.449	ng/ul	97
19) Fluoranthene	19.322	202	2446428	62.573	ng/ul	97
20) Pyrene	19.684	202	1804827	45.573	ng/ul#	93
21) Benzo(a)anthracene	21.433	228	1071657	29.854	ng/ul	97
22) Chrysene	21.482	228	1066521	26.298	ng/ul	97
24) Benzo(b)fluoranthene	23.122	252	1337256m	23.624	ng/ul	
25) Benzo(k)fluoranthene	23.163	252	480206m	8.433	ng/ul	
26) Benzo(a)pyrene	23.742	252	708220	14.750	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.333	276	552729	8.909	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.343	278	168182	3.290	ng/ul	97
29) Benzo(g,h,i)perylene	27.098	276	46282	0.859	ng/ul#	91

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

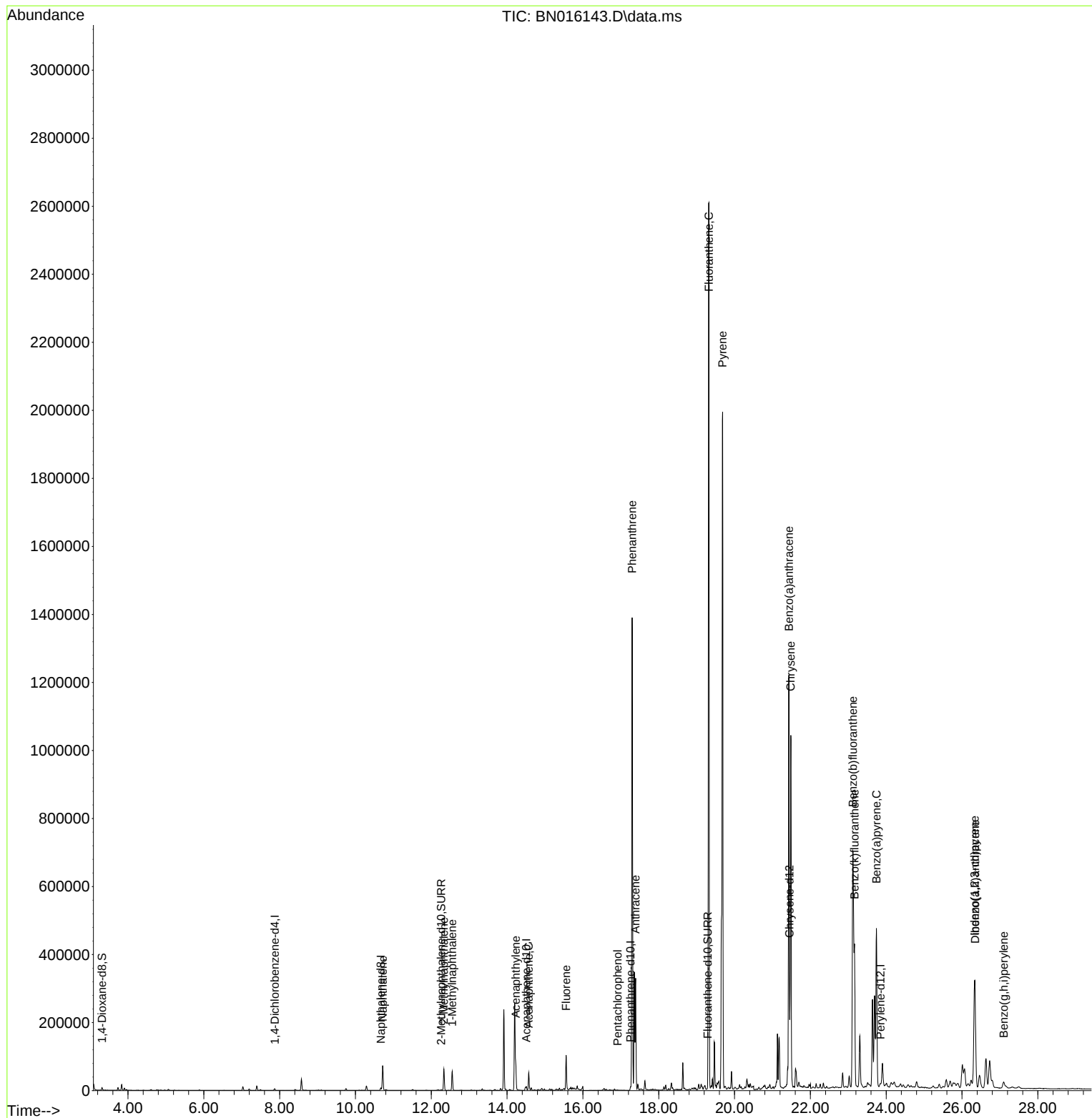
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016143.D
Acq On : 02 Sep 2021 18:44
Operator : CG/JU
Sample : M3458-06
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ALS Vial : 12 Sample Multiplier: 1

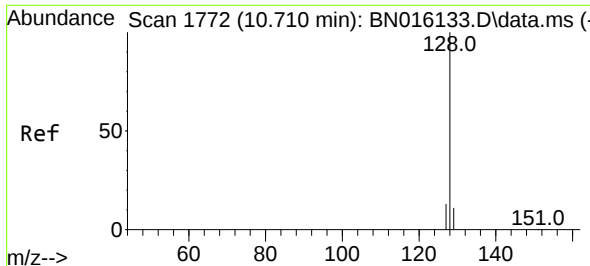
Instrument :
BNA_N
ClientSampleId :
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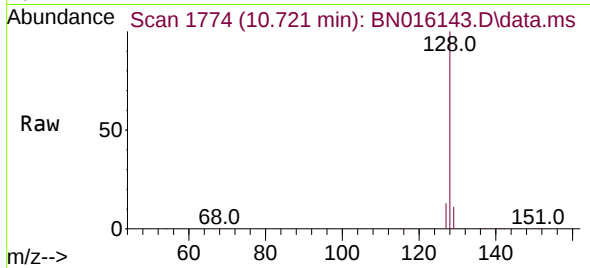
mohammad
9/3/2021 8:59:25 AM

Quant Time: Sep 02 19:12:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

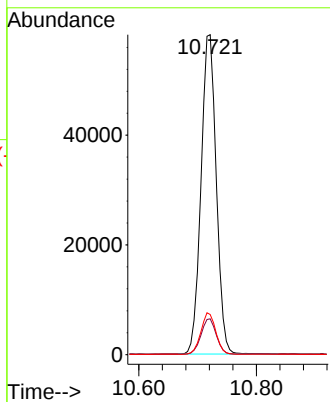
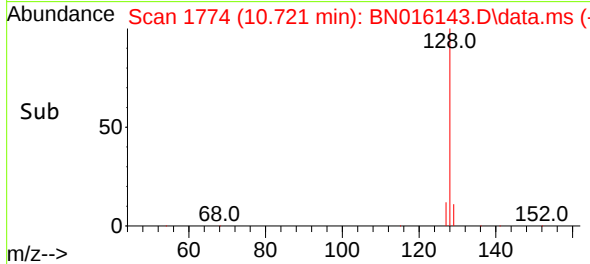




#5
Naphthalene
Concen: 3.819 ng/ul
RT: 10.721 min Scan# 1774
Delta R.T. 0.011 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



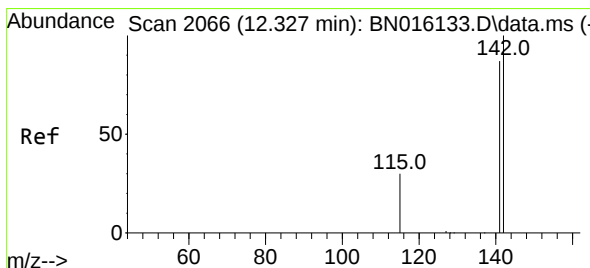
Tgt Ion:128 Resp: 104673
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 12.5 10.6 15.8



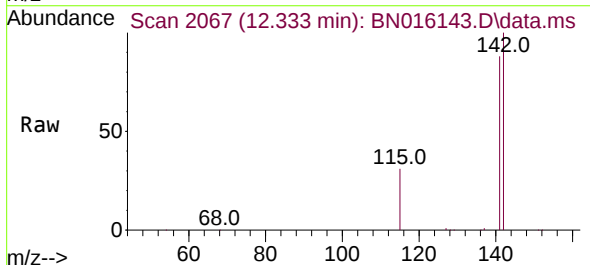
Instrument :
BNA_N
ClientSampleId :
C0AR7

Manual Integrations
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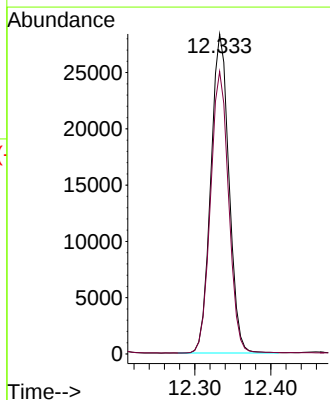
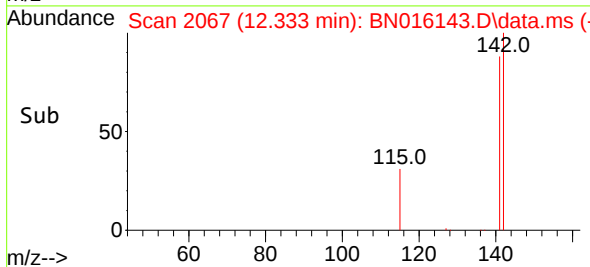
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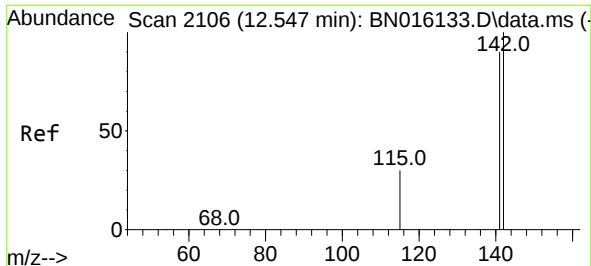


#7
2-Methylnaphthalene
Concen: 2.634 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.005 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



Tgt Ion:142 Resp: 47101
Ion Ratio Lower Upper
142 100
141 87.8 69.5 104.3





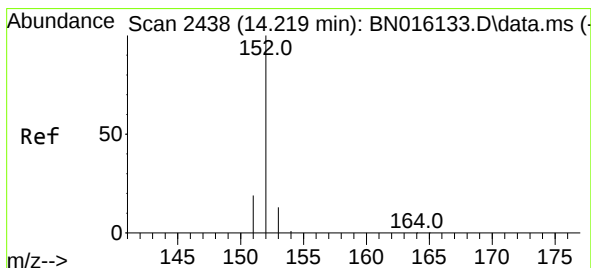
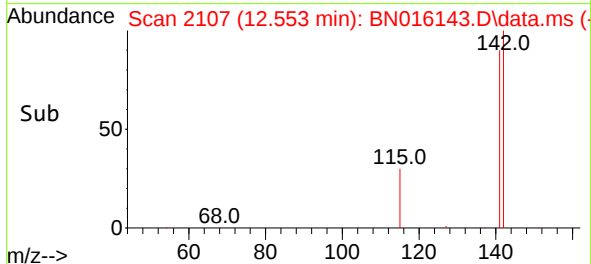
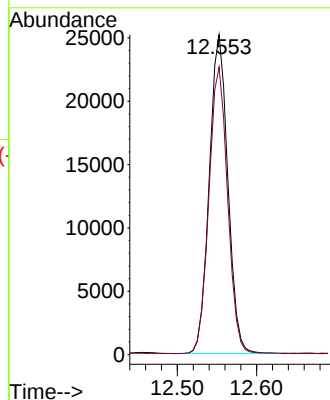
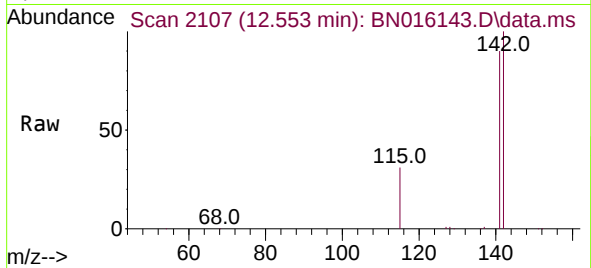
#8
1-Methylnaphthalene
Concen: 2.296 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44

Tgt Ion:142 Resp: 40976
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.4

Instrument :
BNA_N
ClientSampled :
C0AR7

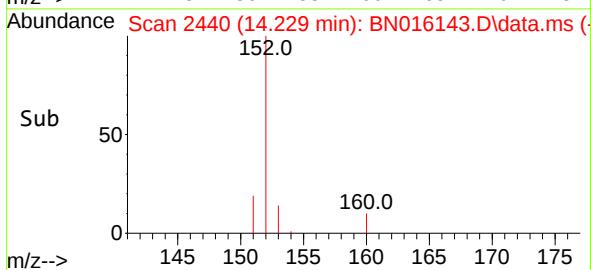
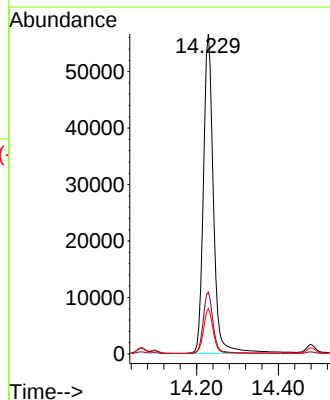
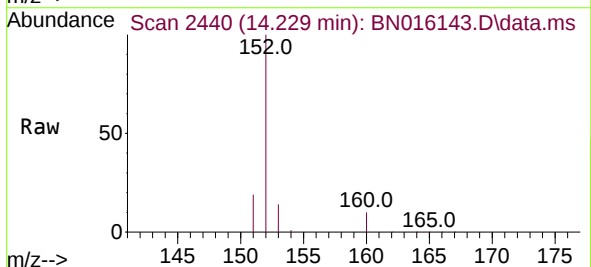
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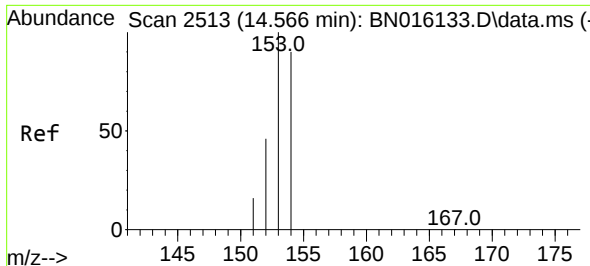
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#10
Acenaphthylene
Concen: 4.039 ng/ul
RT: 14.229 min Scan# 2440
Delta R.T. 0.009 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44

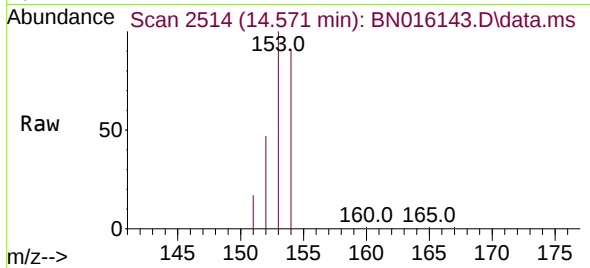
Tgt Ion:152 Resp: 96513
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 14.2 11.2 16.8





#11
Acenaphthene
Concen: 1.581 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.005 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44

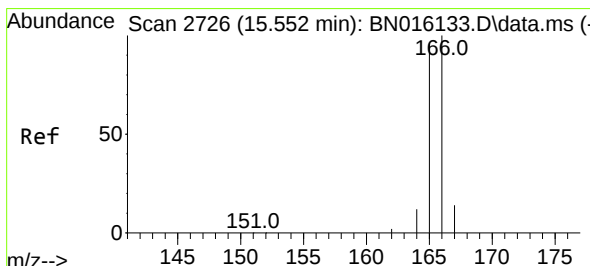
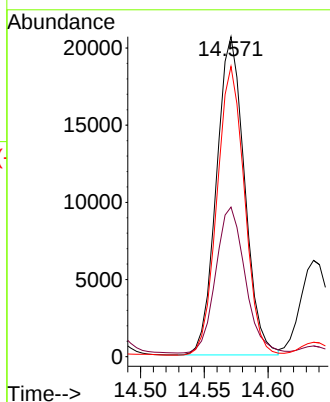
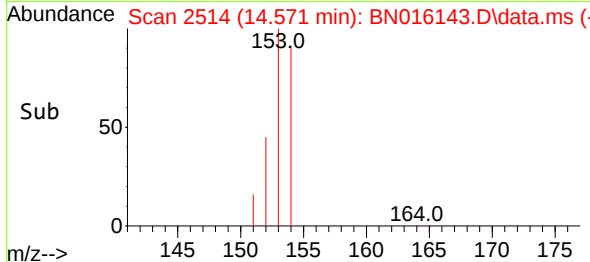
Instrument :
BNA_N
ClientSampleId :
C0AR7



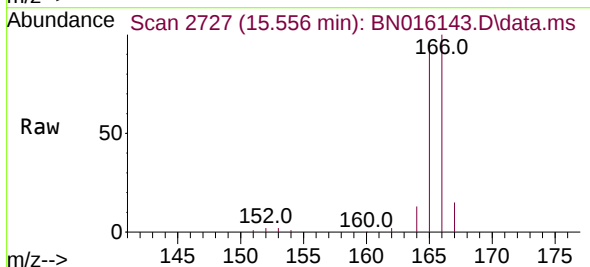
Tgt Ion:153 Resp: 31618
Ion Ratio Lower Upper
153 100
152 46.7 38.5 57.7
154 90.7 71.3 106.9

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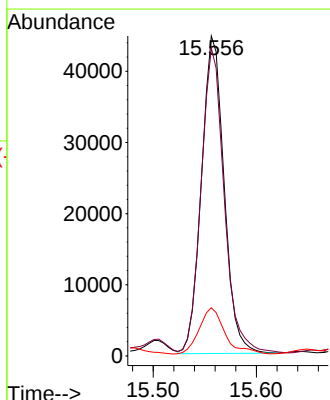
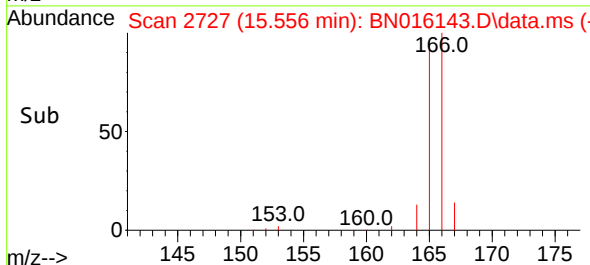
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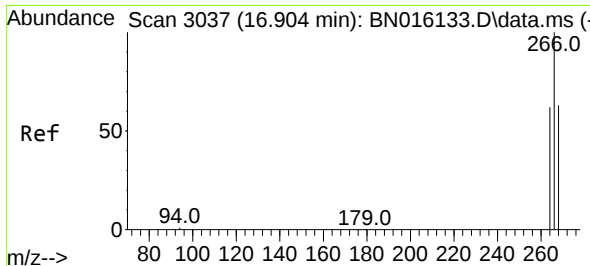


#12
Fluorene
Concen: 2.968 ng/ul
RT: 15.556 min Scan# 2727
Delta R.T. 0.005 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



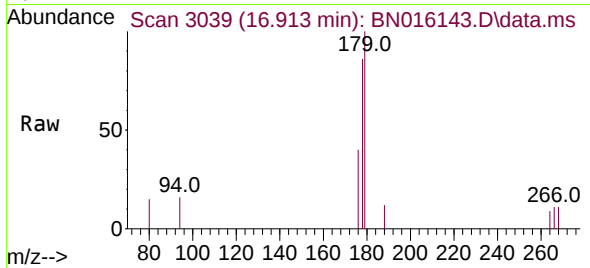
Tgt Ion:166 Resp: 67937
Ion Ratio Lower Upper
166 100
165 96.2 77.9 116.9
167 15.1 11.8 17.8





#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.913 min Scan# 3039
Delta R.T. 0.008 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44

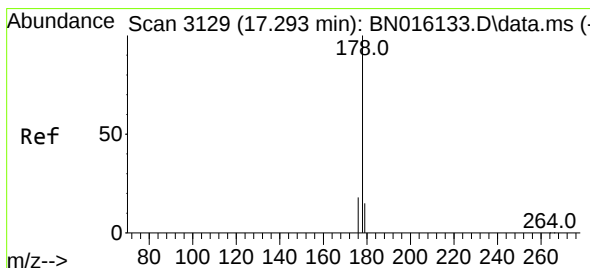
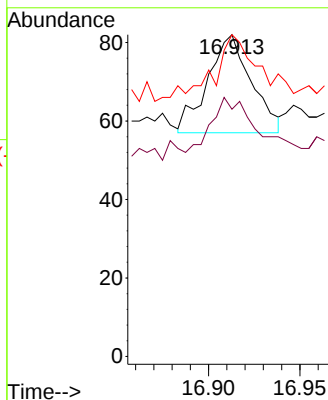
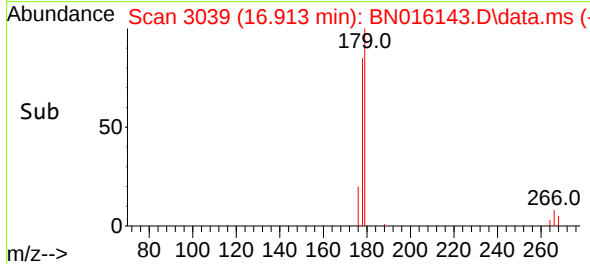
Instrument :
BNA_N
ClientSampled :
C0AR7



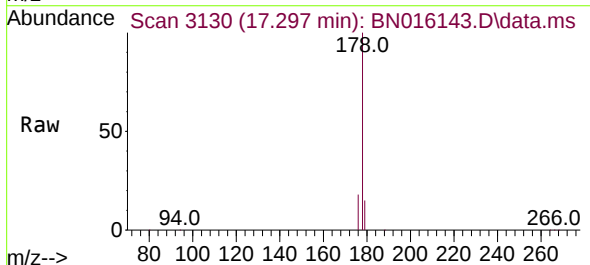
Tgt Ion:266 Resp: 42
Ion Ratio Lower Upper
266 100
264 64.3 50.3 75.5
268 71.4 51.4 77.2

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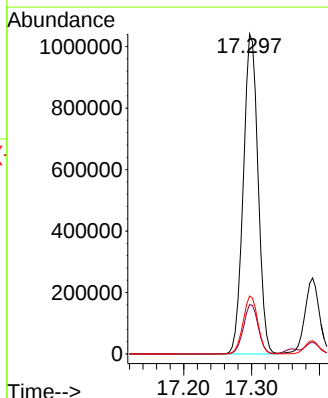
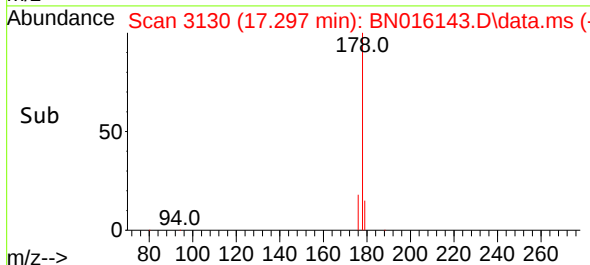
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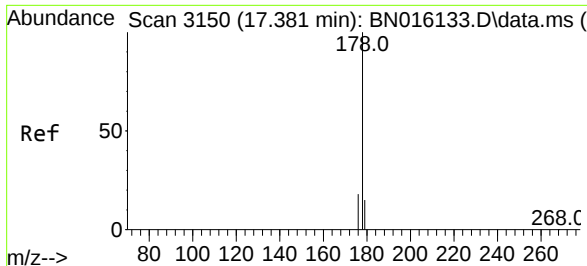


#15
Phenanthrene
Concen: 43.468 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



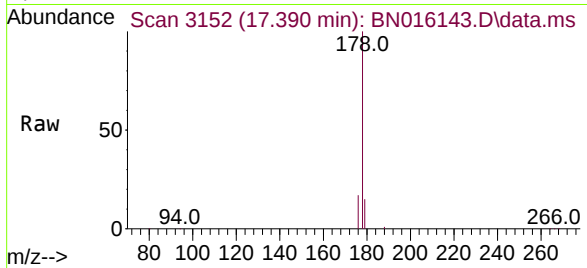
Tgt Ion:178 Resp: 1564861
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 18.1 15.2 22.8





#16
 Anthracene
 Concen: 11.449 ng/ul
 RT: 17.390 min Scan# 3152
 Delta R.T. 0.008 min
 Lab File: BN016143.D
 Acq: 02 Sep 2021 18:44

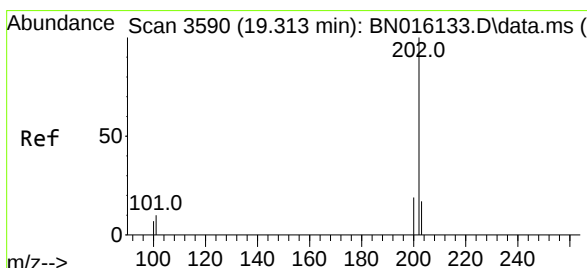
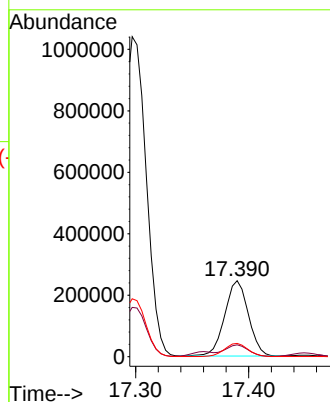
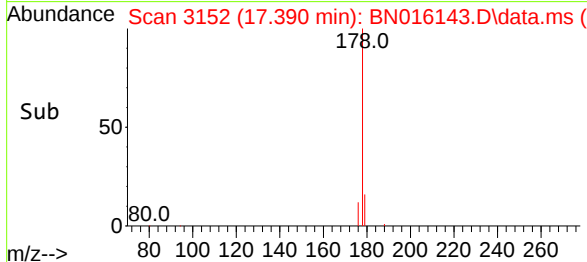
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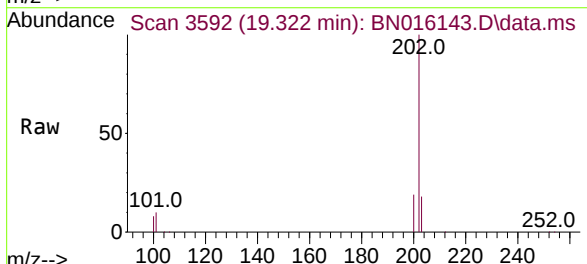
Tgt Ion:178 Resp: 356059
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.3 19.9
 176 17.4 14.9 22.3

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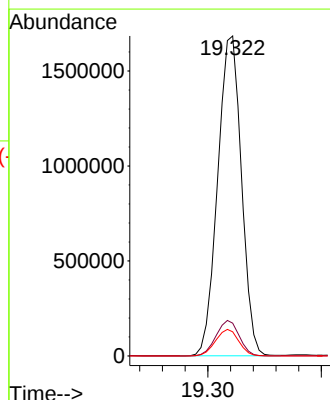
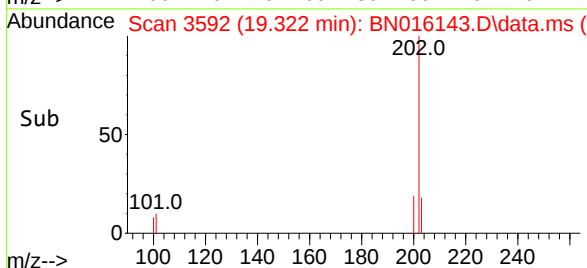
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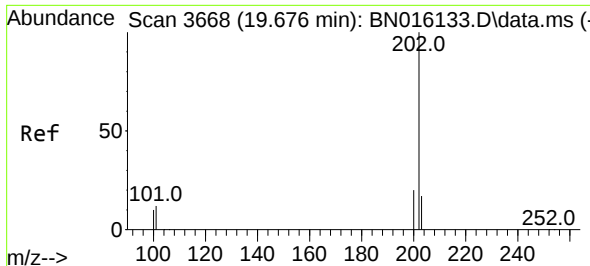


#19
 Fluoranthene
 Concen: 62.573 ng/ul
 RT: 19.322 min Scan# 3592
 Delta R.T. 0.009 min
 Lab File: BN016143.D
 Acq: 02 Sep 2021 18:44



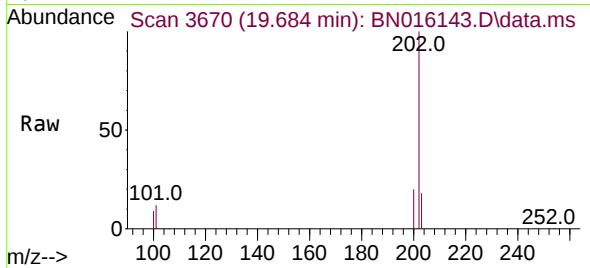
Tgt Ion:202 Resp: 2446428
 Ion Ratio Lower Upper
 202 100
 101 10.2 9.2 13.8
 100 7.6 6.7 10.1





#20
Pyrene
Concen: 45.573 ng/ul
RT: 19.684 min Scan# 3670
Delta R.T. 0.009 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44

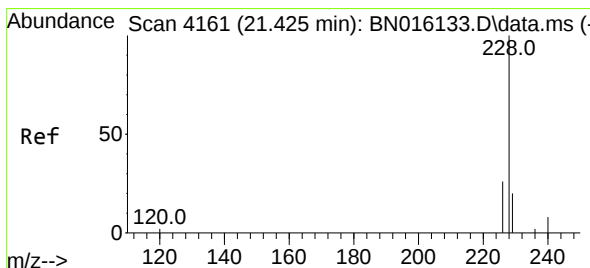
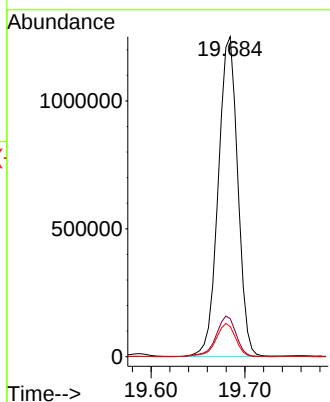
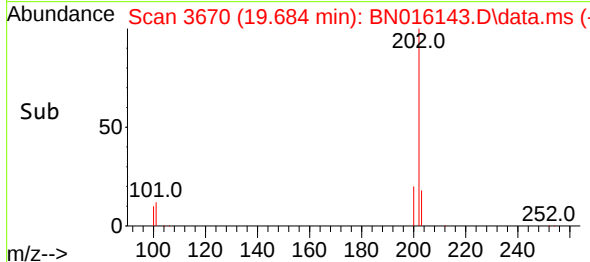
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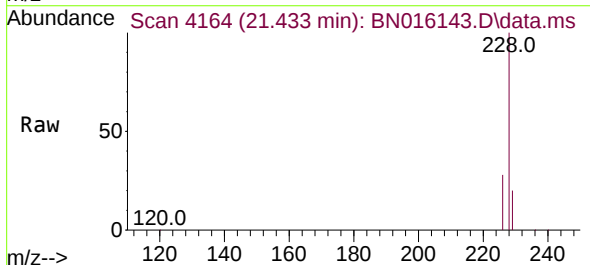
Tgt Ion:202 Resp: 1804827
Ion Ratio Lower Upper
202 100
101 11.9 11.5 17.3
100 9.4 9.8 14.8#

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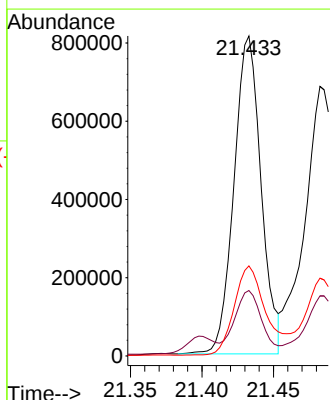
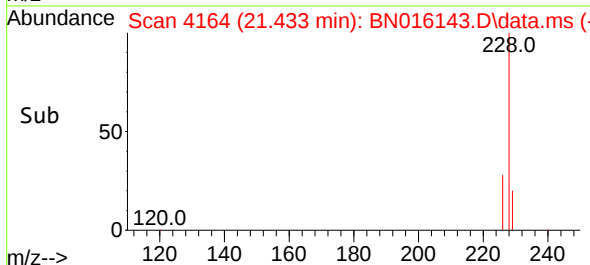
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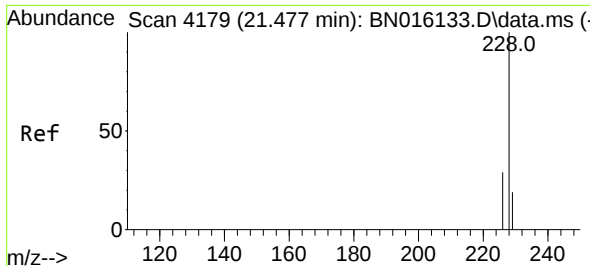


#21
Benzo(a)anthracene
Concen: 29.854 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. 0.008 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44

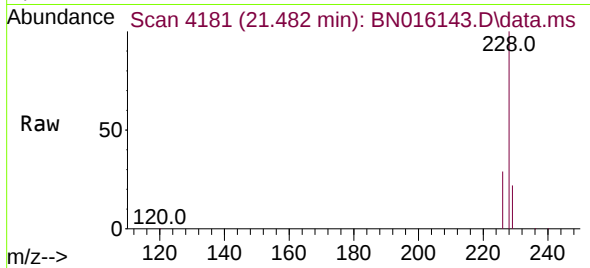


Tgt Ion:228 Resp: 1071657
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.2 20.8 31.2

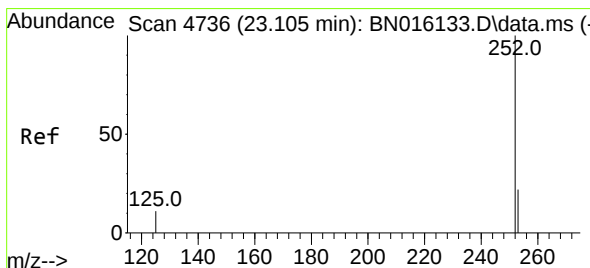
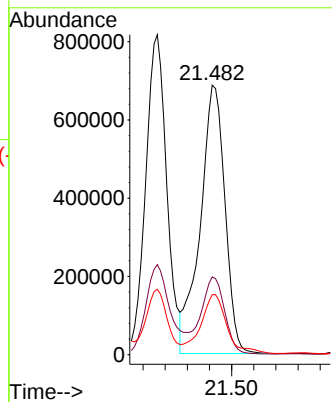
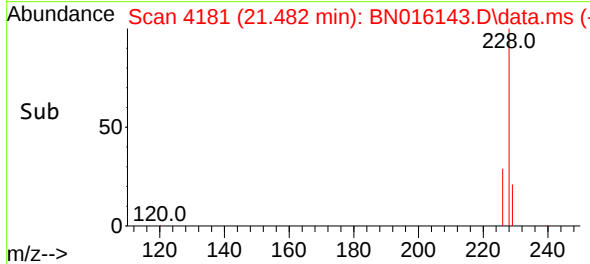




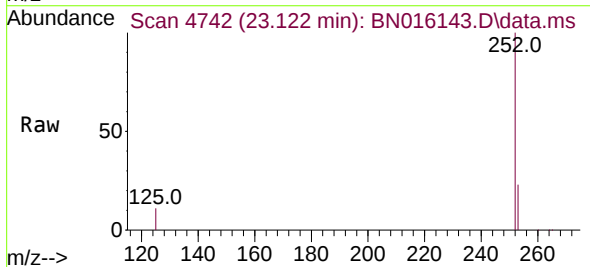
#22
Chrysene
Concen: 26.298 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. 0.005 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



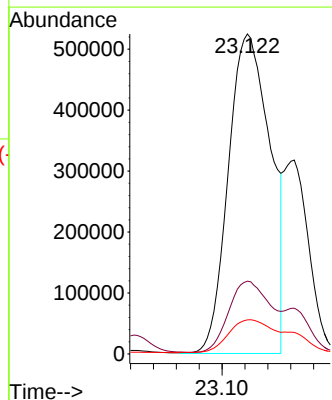
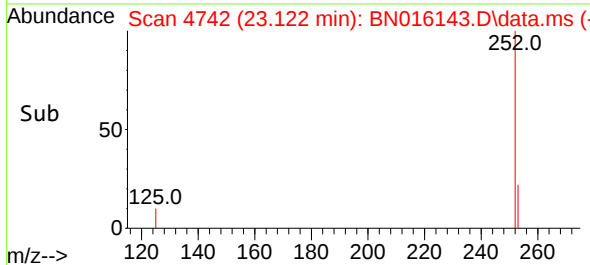
Tgt Ion:228 Resp: 1066521
Ion Ratio Lower Upper
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226 28.9 23.2 34.8
229 22.3 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 23.624 ng/ul m
RT: 23.122 min Scan# 4742
Delta R.T. 0.017 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



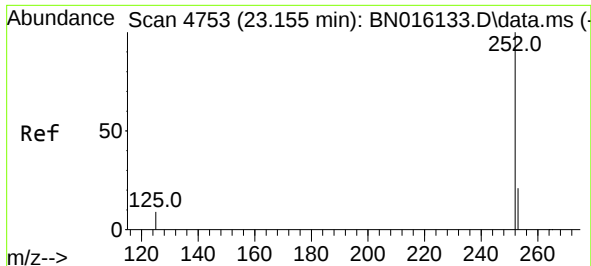
Tgt Ion:252 Resp: 1337256
Ion Ratio Lower Upper
252 100
253 22.8 0.0 49.4
125 10.6 0.0 27.0



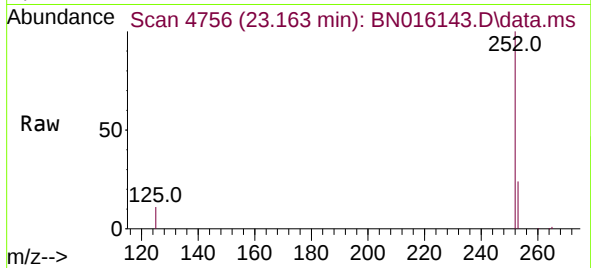
Instrument :
BNA_N
ClientSampleId :
C0AR7

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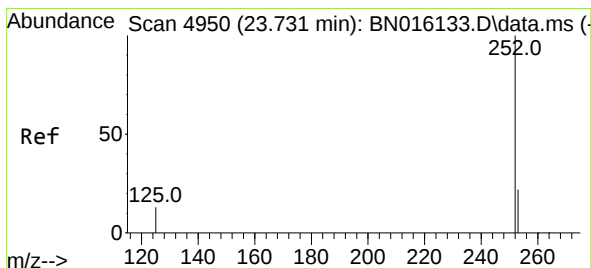
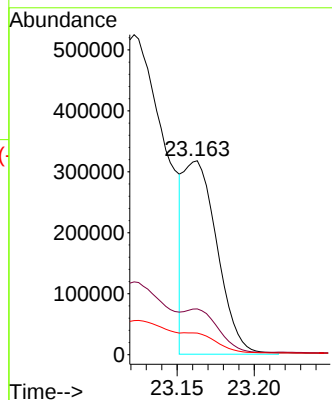
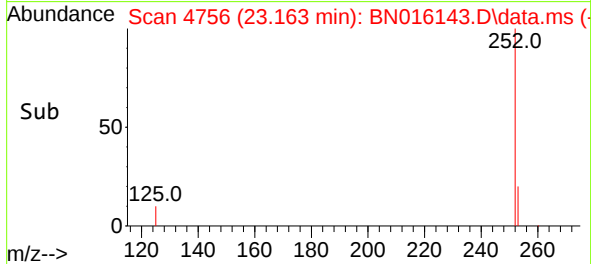
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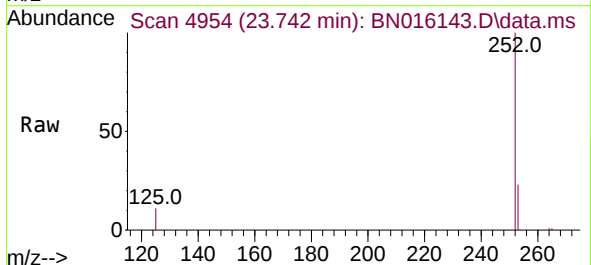
#25
Benzo(k)fluoranthene
Concen: 8.433 ng/ul m
RT: 23.163 min Scan# 4756
Delta R.T. 0.008 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



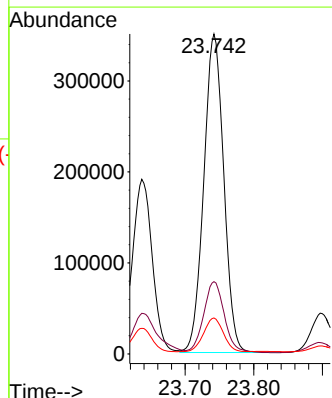
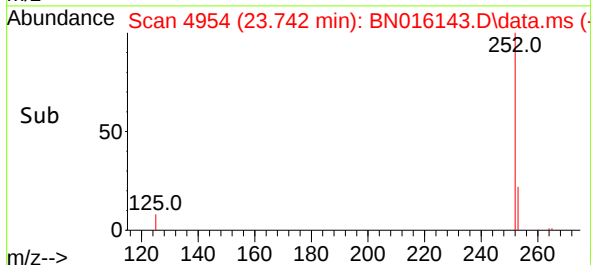
Tgt Ion:252 Resp: 480206
Ion Ratio Lower Upper
252 100
253 23.6 19.4 29.0
125 11.1 10.9 16.3



#26
Benzo(a)pyrene
Concen: 14.750 ng/ul
RT: 23.742 min Scan# 4954
Delta R.T. 0.011 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



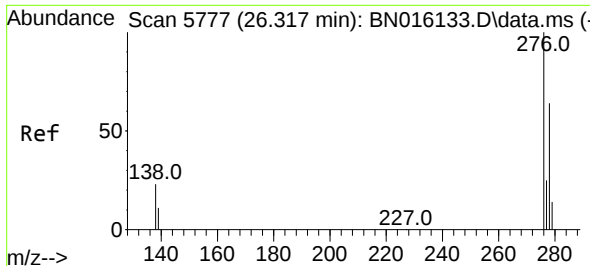
Tgt Ion:252 Resp: 708220
Ion Ratio Lower Upper
252 100
253 22.6 20.2 30.2
125 11.3 12.6 18.8#



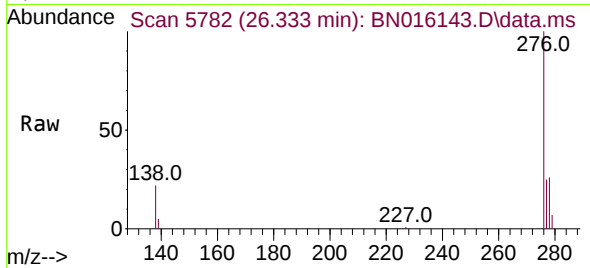
Instrument :
BNA_N
ClientSampleId :
C0AR7

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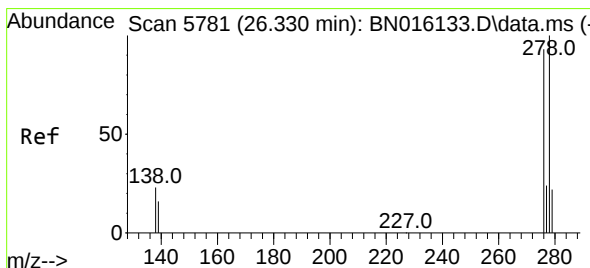
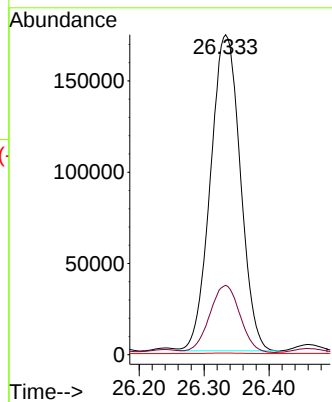
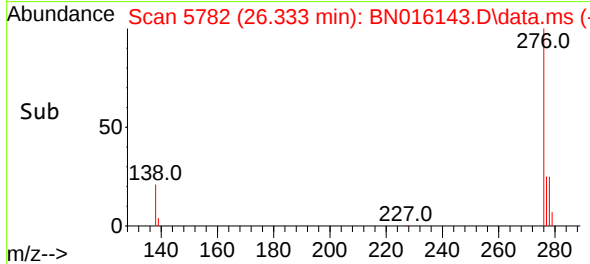
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9/3/2021 8:59:25 AM



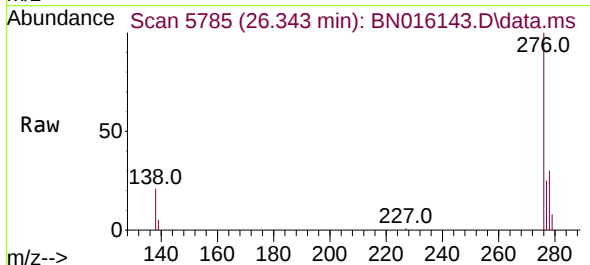
#27
Indeno(1,2,3-cd)pyrene
Concen: 8.909 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. 0.016 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



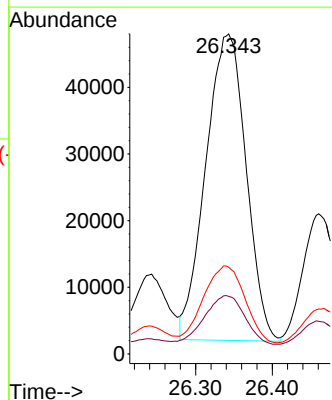
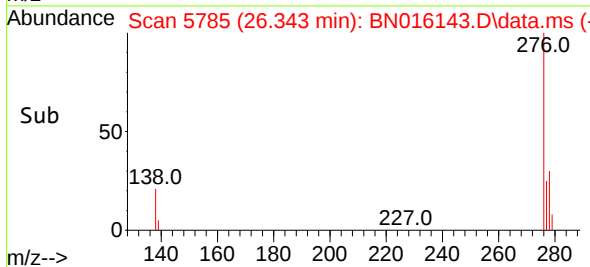
Tgt Ion: 276 Resp: 552729
Ion Ratio Lower Upper
276 100
138 21.6 22.7 34.1#
227 0.2 0.2 0.2



#28
Dibenzo(a,h)anthracene
Concen: 3.290 ng/ul
RT: 26.343 min Scan# 5785
Delta R.T. 0.013 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



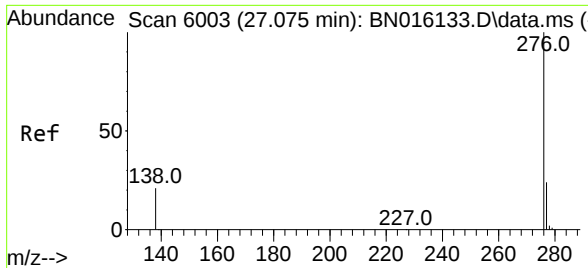
Tgt Ion: 278 Resp: 168182
Ion Ratio Lower Upper
278 100
139 18.0 15.1 22.7
279 27.1 20.5 30.7



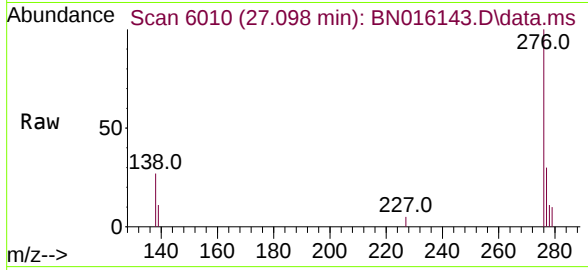
Instrument :
BNA_N
ClientSampleId :
C0AR7

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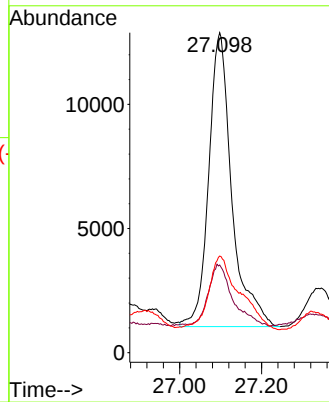
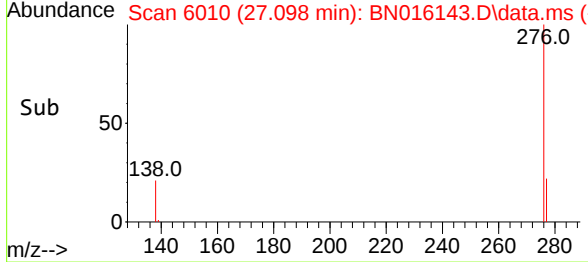
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#29
Benzo(g,h,i)perylene
Concen: 0.859 ng/ul
RT: 27.098 min Scan# 6010
Delta R.T. 0.023 min
Lab File: BN016143.D
Acq: 02 Sep 2021 18:44



Tgt Ion:	276	Resp:	46282
Ion Ratio	Lower	Upper	
276	100		
138	27.4	19.3	28.9
277	30.2	19.8	29.8#



Instrument :
BNA_N
ClientSampleId :
C0AR7

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