

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015446.D
 Acq On : 09 Jul 2021 15:10
 Operator : CG/JU
 Sample : M2854-12
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD6

Manual Integrations
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mohammad
 7/12/2021 9:31:59 AM

Quant Time: Jul 09 15:44:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	2670	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	9548	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.336	164	5249	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.087	188	10571	0.400	ng/ul	0.00
17) Chrysene-d12	21.286	240	8651	0.400	ng/ul	0.00
23) Perylene-d12	23.528	264	7976	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	9079	3.017	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3252	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.119	212	7660	0.269	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.529	128	13099	0.430	ng/ul	100
7) 2-Methylnaphthalene	12.146	142	1838	0.092	ng/ul	99
8) 1-Methylnaphthalene	12.366	142	716	0.037	ng/ul	98
10) Acenaphthylene	14.054	152	13606	0.501	ng/ul	99
11) Acenaphthene	14.401	153	2593	0.125	ng/ul	98
12) Fluorene	15.391	166	5463	0.238	ng/ul	98
15) Phenanthrene	17.125	178	97640	2.545	ng/ul	100
16) Anthracene	17.218	178	48396	1.431	ng/ul	99
19) Fluoranthene	19.151	202	459173	11.486	ng/ul	100
20) Pyrene	19.514	202	228250	5.693	ng/ul	99
21) Benzo(a)anthracene	21.272	228	293312	9.153	ng/ul	96
22) Chrysene	21.324	228	238192	6.209	ng/ul	98
24) Benzo(b)fluoranthene	22.859	252	290827m	7.805	ng/ul	
25) Benzo(k)fluoranthene	22.900	252	122291m	2.908	ng/ul	
26) Benzo(a)pyrene	23.432	252	71981	2.300	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.776	276	60920	1.612	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.779	278	33632	1.135	ng/ul	97
29) Benzo(g,h,i)perylene	26.457	276	1032	0.029	ng/ul#	48

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

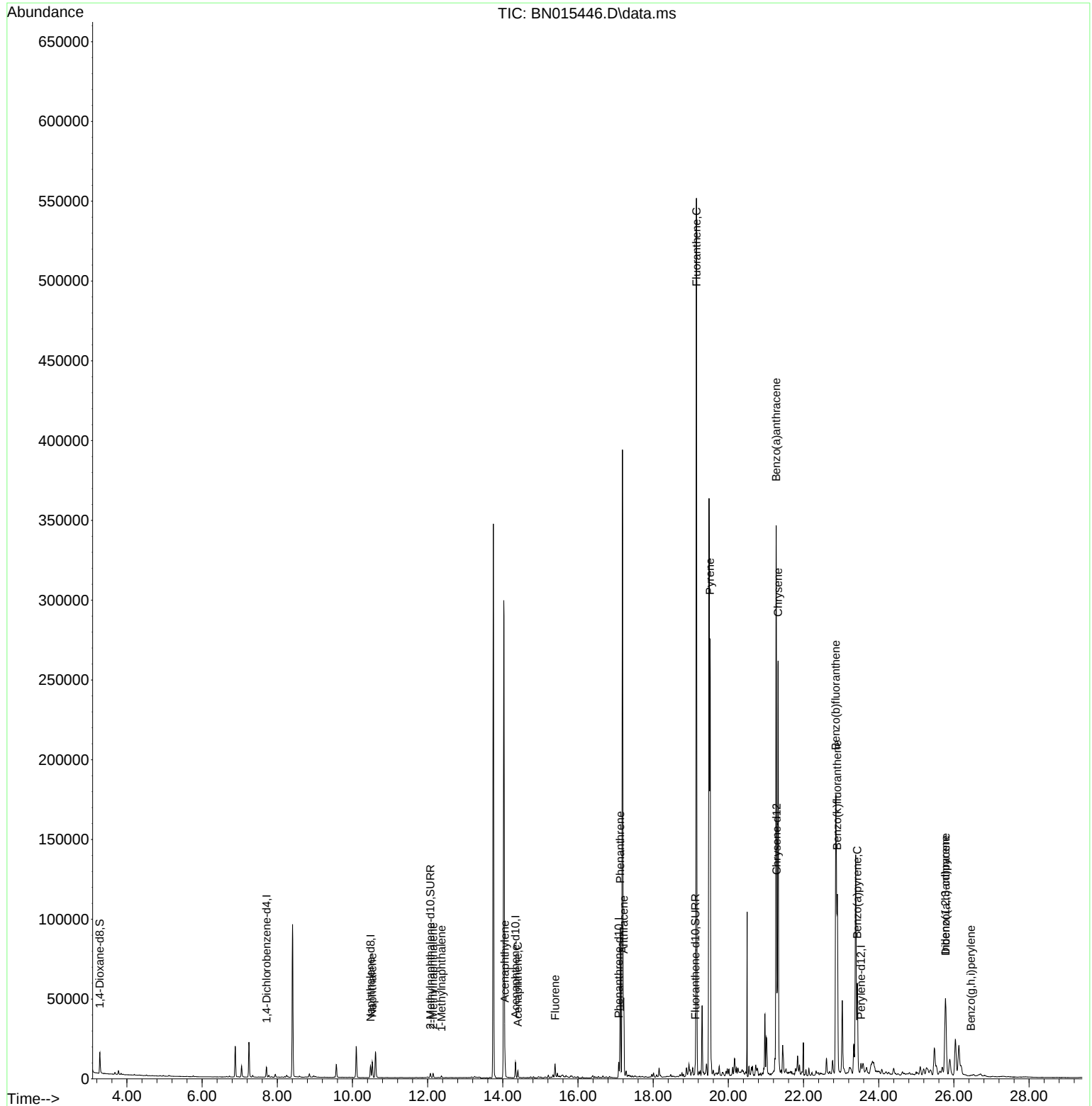
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015446.D
Acq On : 09 Jul 2021 15:10
Operator : CG/JU
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ALS Vial : 47 Sample Multiplier: 1

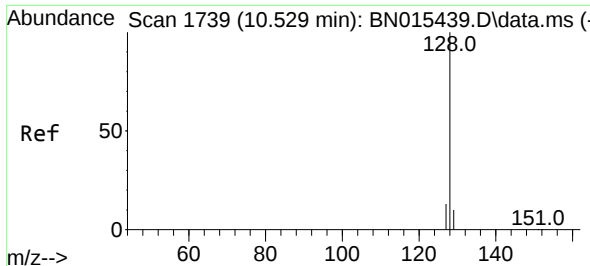
Instrument :
BNA_N
ClientSampleId :
BGDT6

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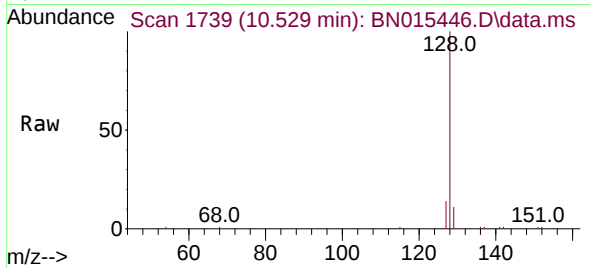
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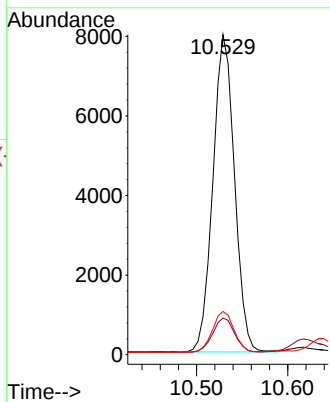
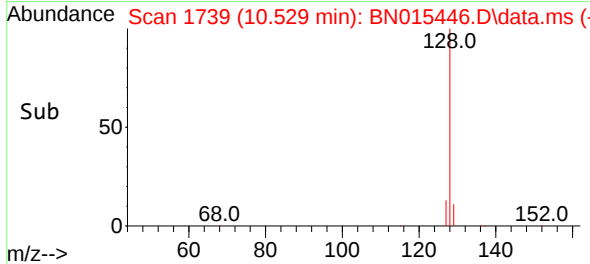




#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



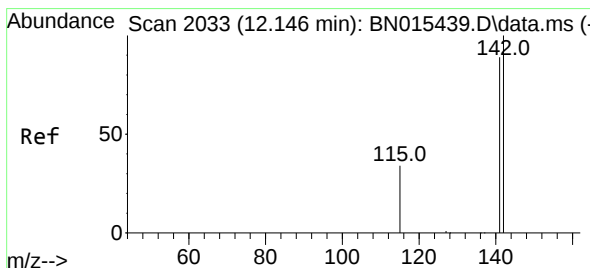
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Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.5 10.8 16.2



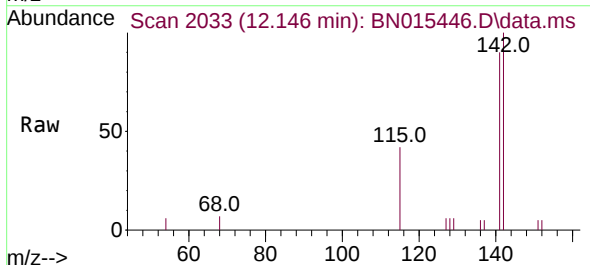
Instrument :
BNA_N
ClientSampleId :
BGDT6

Manual Integrations
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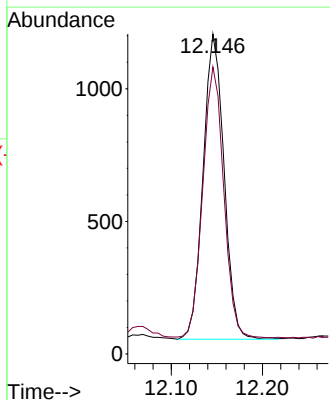
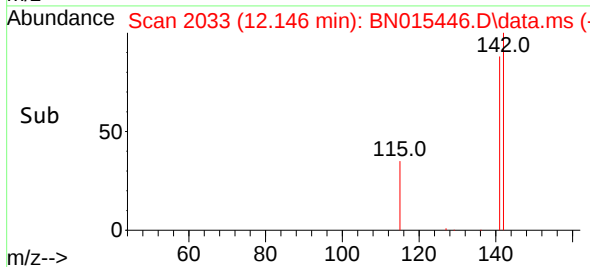
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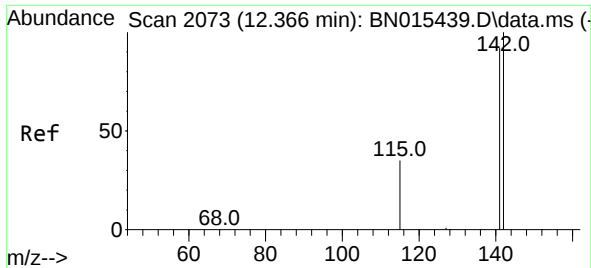


#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



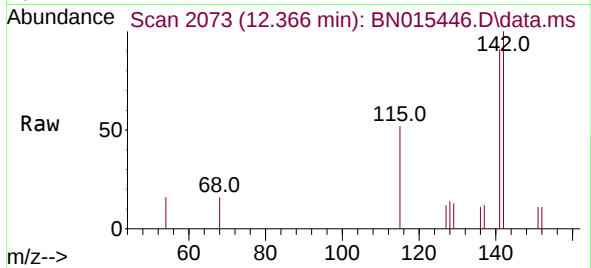
Tgt Ion:142 Resp: 1838
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10

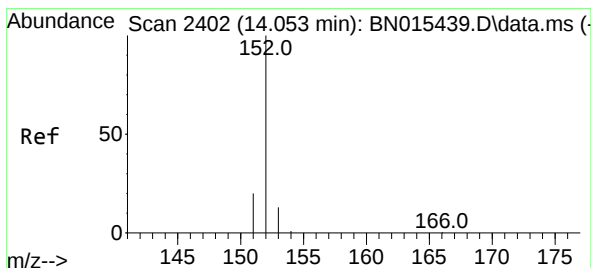
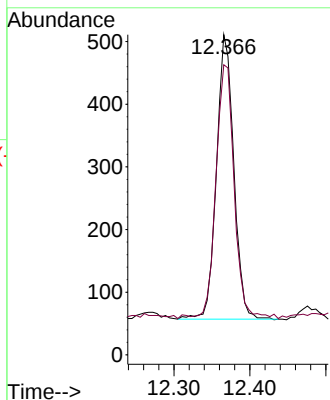
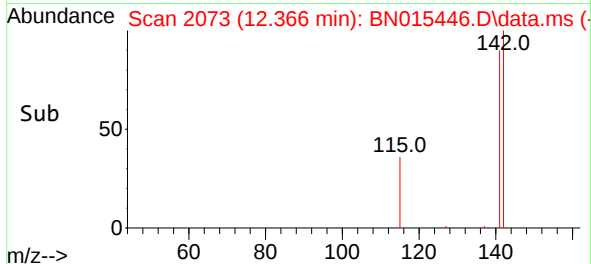
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ClientSampleId :
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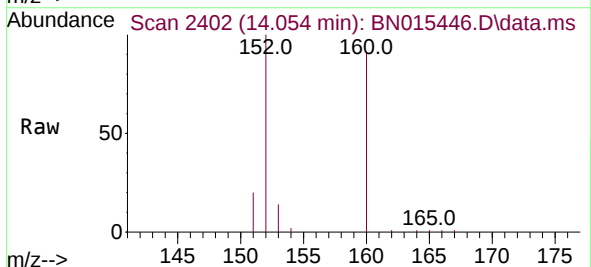
Tgt Ion:142 Resp: 716
Ion Ratio Lower Upper
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141 94.3 74.2 111.4

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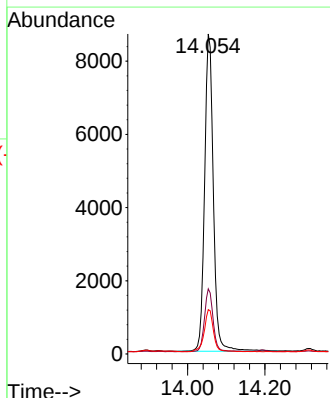
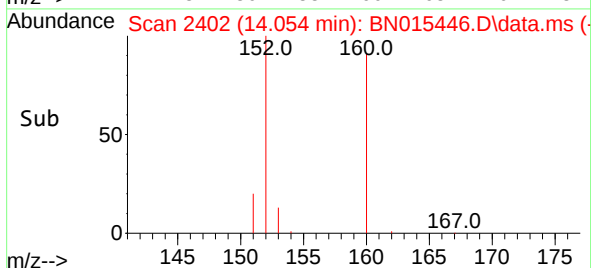
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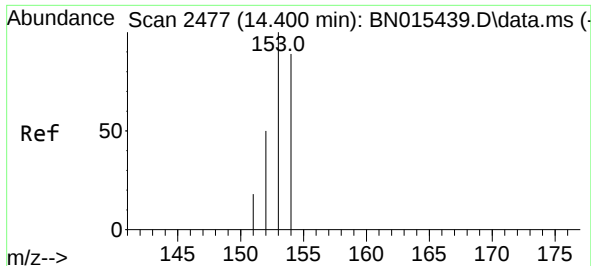


#10
Acenaphthylene
Concen: 0.501 ng/ul
RT: 14.054 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10

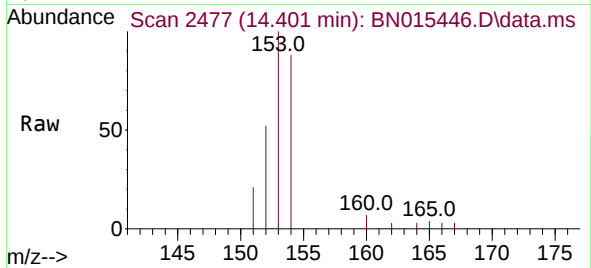


Tgt Ion:152 Resp: 13606
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.9 10.9 16.3

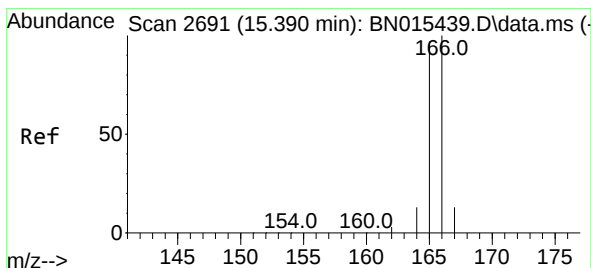
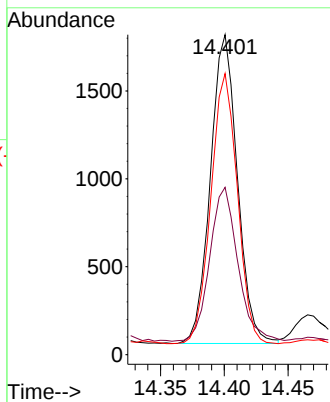
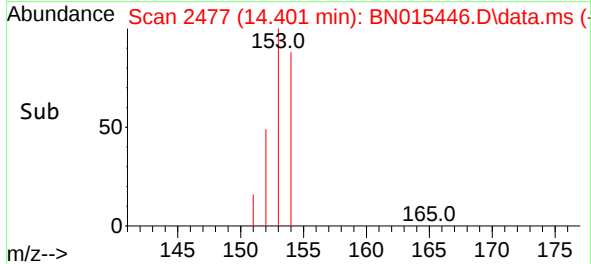




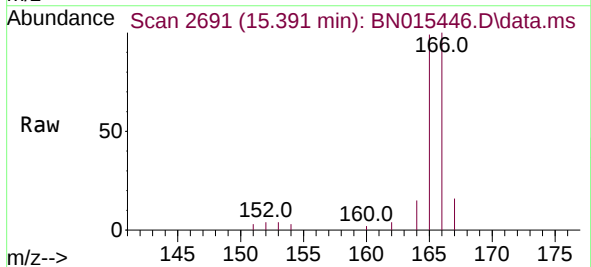
#11
Acenaphthene
Concen: 0.125 ng/ul
RT: 14.401 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



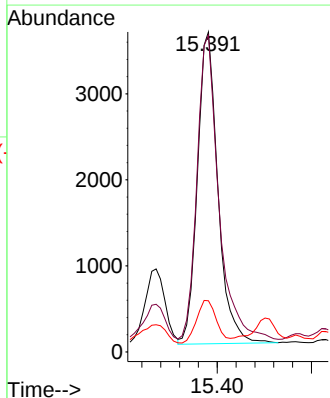
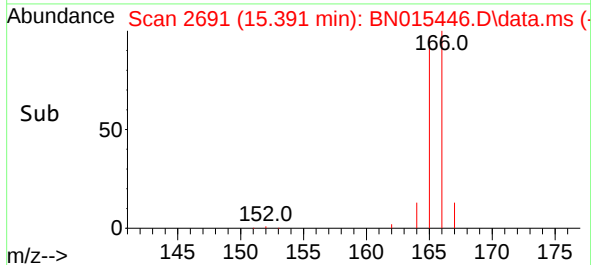
Tgt Ion:153 Resp: 2593
Ion Ratio Lower Upper
153 100
152 52.3 39.8 59.6
154 87.9 69.8 104.8



#12
Fluorene
Concen: 0.238 ng/ul
RT: 15.391 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



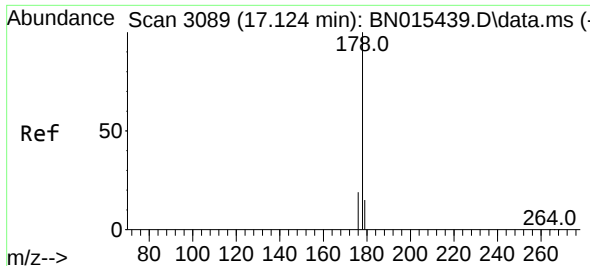
Tgt Ion:166 Resp: 5463
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.8
167 16.0 11.2 16.8



Instrument :
BNA_N
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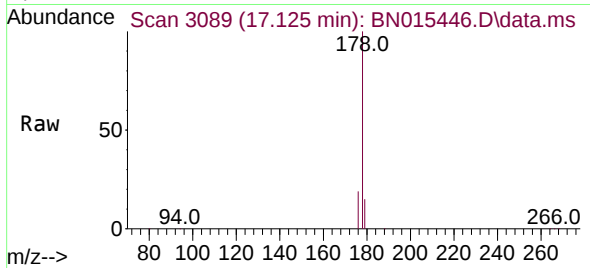
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#15
Phenanthrene
Concen: 2.545 ng/ul
RT: 17.125 min Scan# 3089
Delta R.T. -0.003 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10

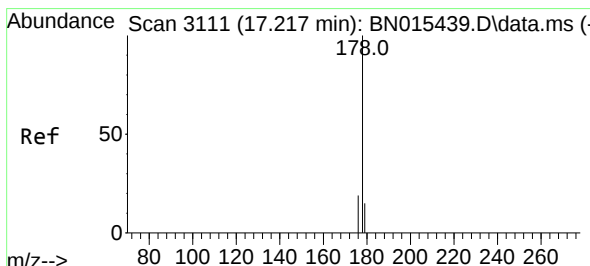
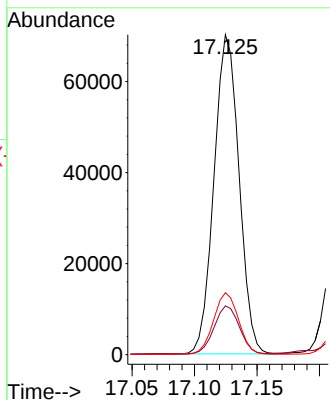
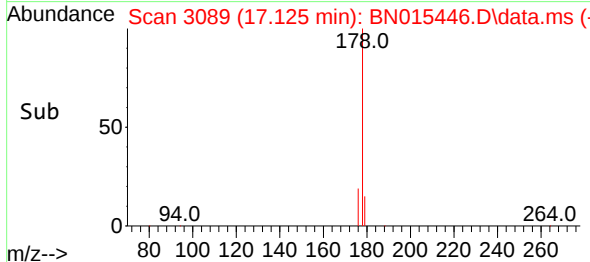
Instrument :
BNA_N
ClientSampled :
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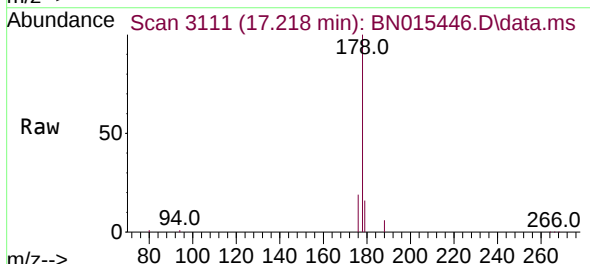
Tgt Ion:178 Resp: 97640
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.3 15.5 23.3

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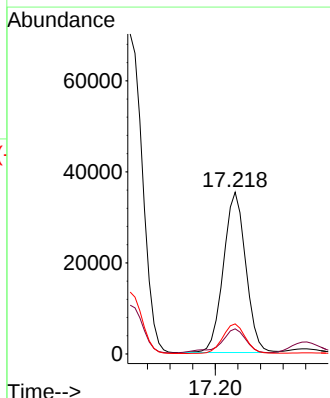
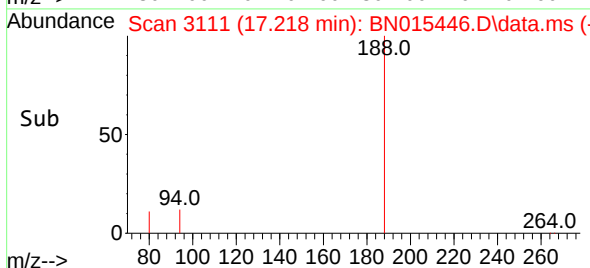
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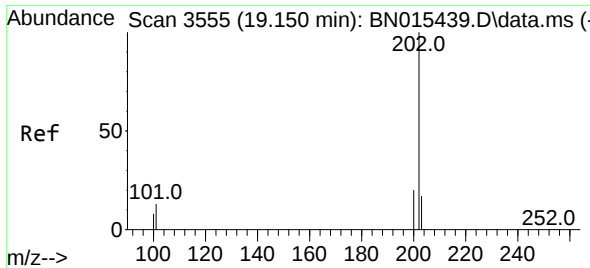


#16
Anthracene
Concen: 1.431 ng/ul
RT: 17.218 min Scan# 3111
Delta R.T. 0.001 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



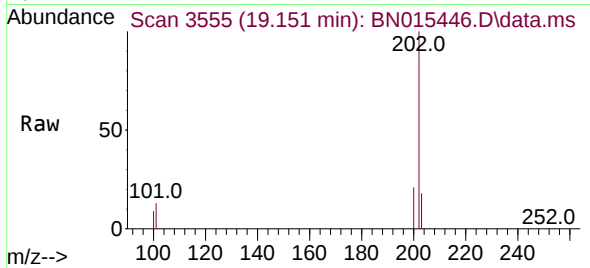
Tgt Ion:178 Resp: 48396
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.6 15.2 22.8





#19
Fluoranthene
Concen: 11.486 ng/ul
RT: 19.151 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10

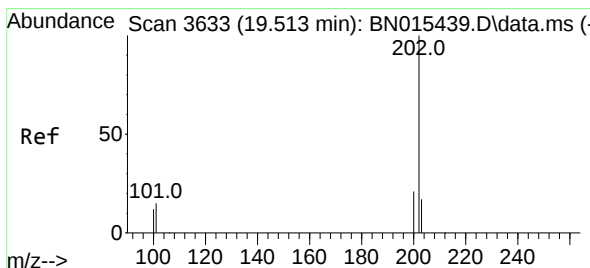
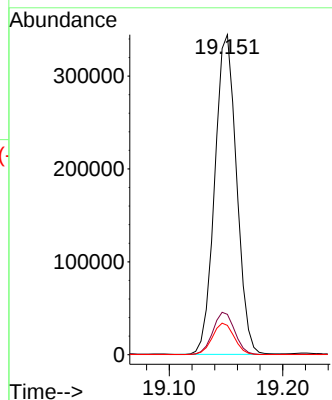
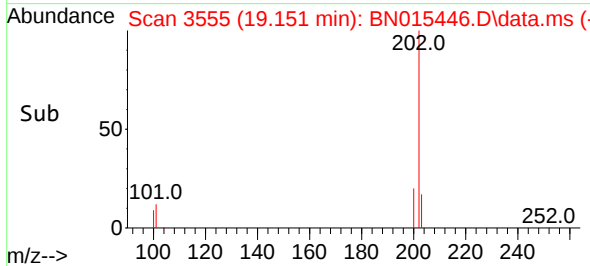
Instrument :
BNA_N
ClientSampled :
BGDT6



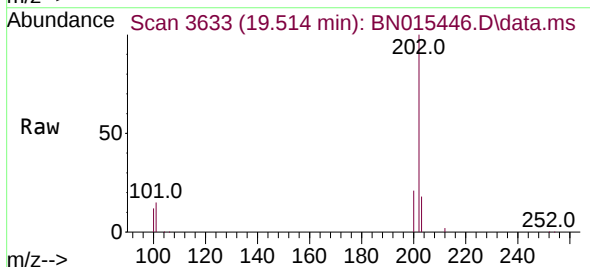
Tgt Ion:202 Resp: 459173
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.2 7.4 11.0

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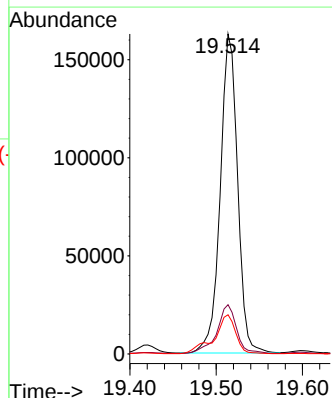
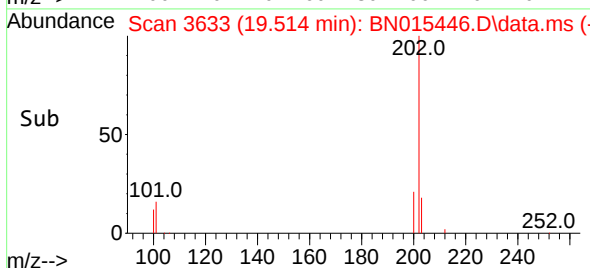
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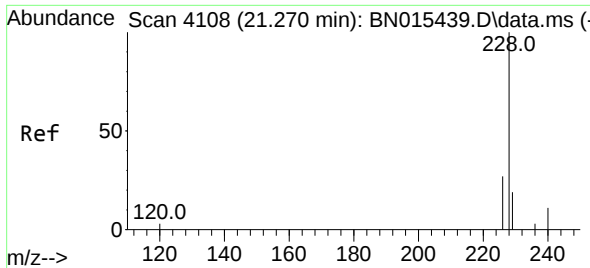


#20
Pyrene
Concen: 5.693 ng/ul
RT: 19.514 min Scan# 3633
Delta R.T. -0.003 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



Tgt Ion:202 Resp: 228250
Ion Ratio Lower Upper
202 100
101 15.4 12.0 18.0
100 12.3 9.6 14.4





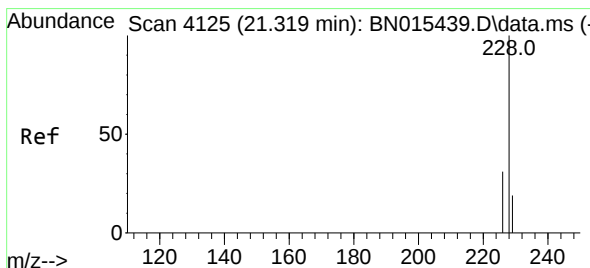
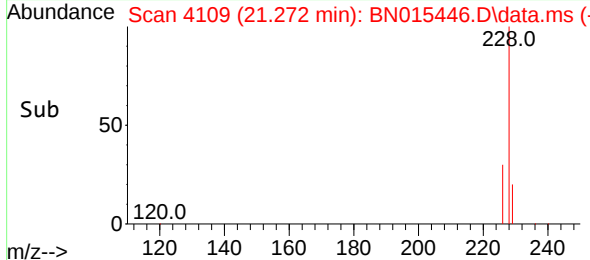
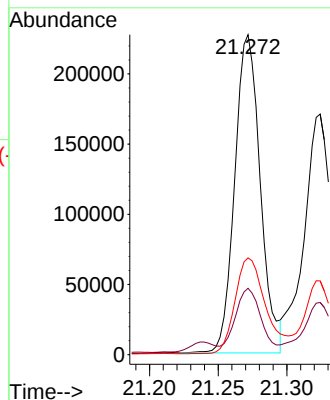
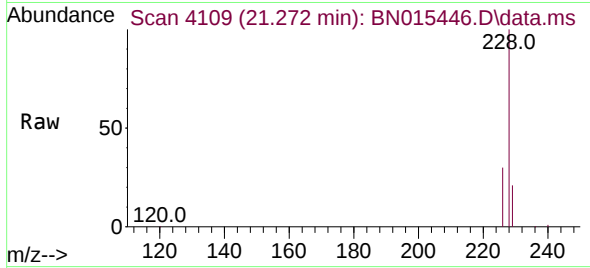
#21
Benzo(a)anthracene
Concen: 9.153 ng/ul
RT: 21.272 min Scan# 4109
Delta R.T. -0.000 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10

Tgt Ion:228 Resp: 293312
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 30.2 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDT6

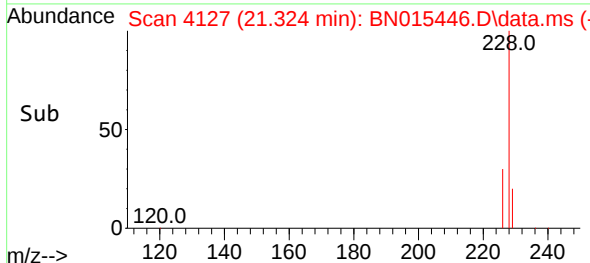
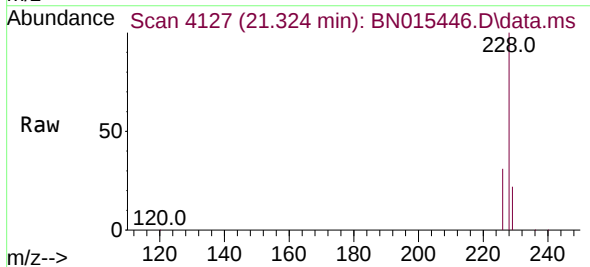
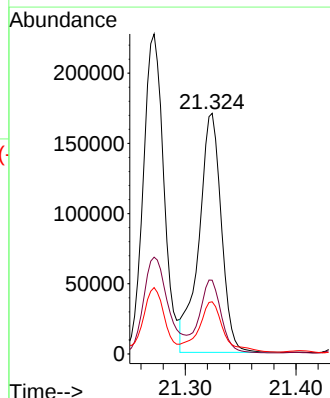
Manual Integrations
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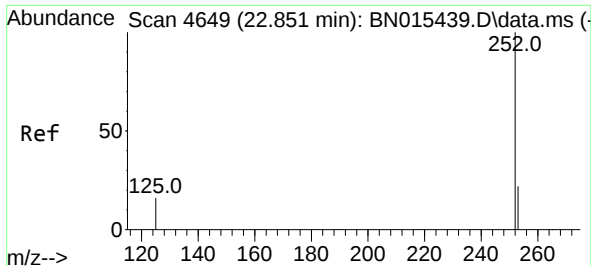
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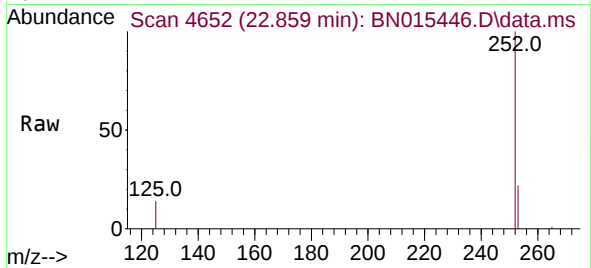
#22
Chrysene
Concen: 6.209 ng/ul
RT: 21.324 min Scan# 4127
Delta R.T. 0.003 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10

Tgt Ion:228 Resp: 238192
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.7 15.7 23.5

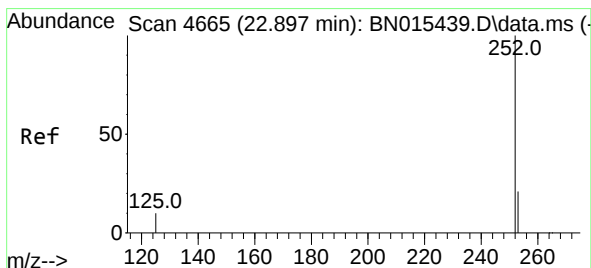
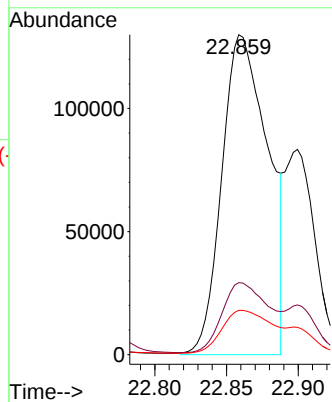
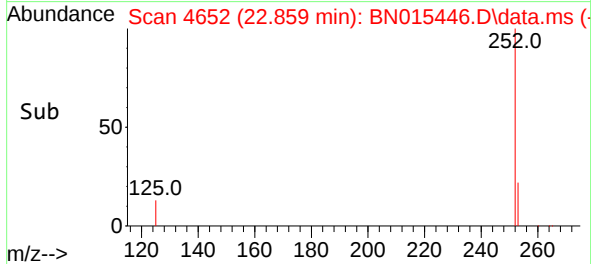




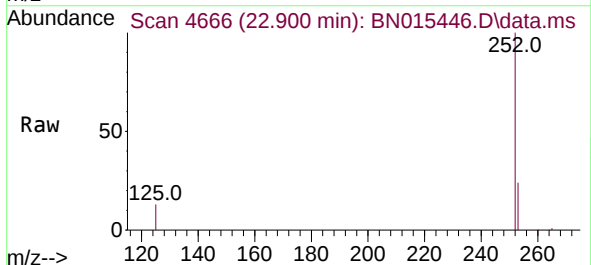
#24
Benzo(b)fluoranthene
Concen: 7.805 ng/ul m
RT: 22.859 min Scan# 4652
Delta R.T. 0.003 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



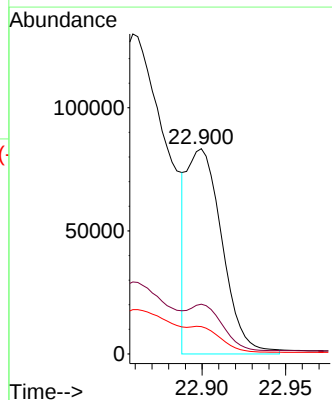
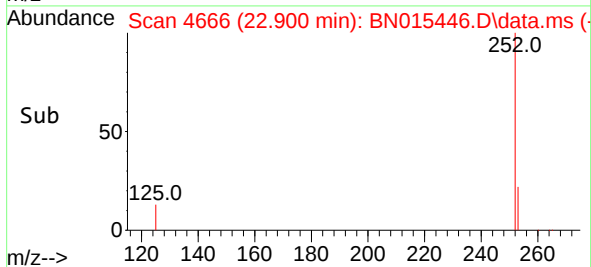
Tgt Ion:252 Resp: 290827
Ion Ratio Lower Upper
252 100
253 22.5 0.0 45.6
125 13.8 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 2.908 ng/ul m
RT: 22.900 min Scan# 4666
Delta R.T. -0.000 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



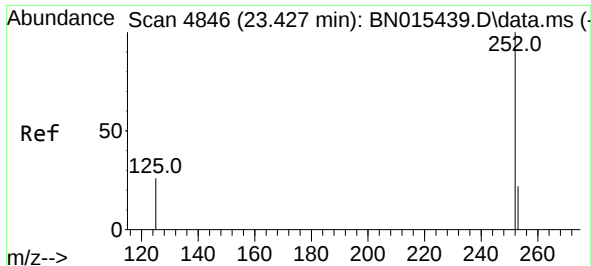
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Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 13.4 11.5 17.3



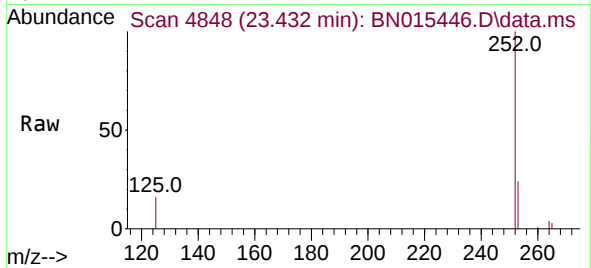
Instrument :
BNA_N
ClientSampled :
BGDT6

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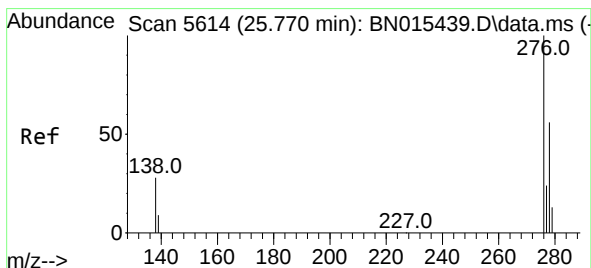
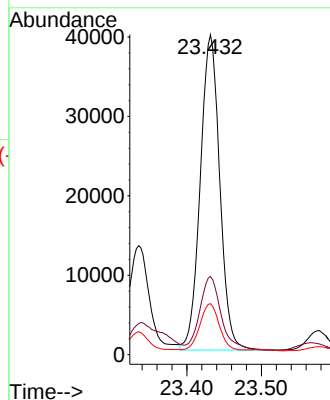
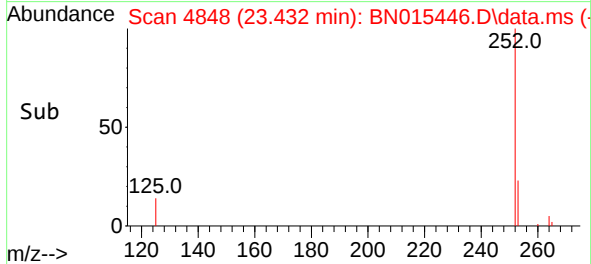
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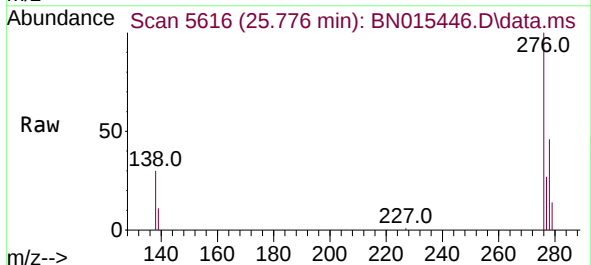
#26
Benzo(a)pyrene
Concen: 2.300 ng/ul
RT: 23.432 min Scan# 4848
Delta R.T. 0.003 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



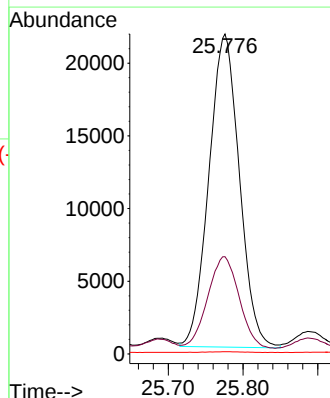
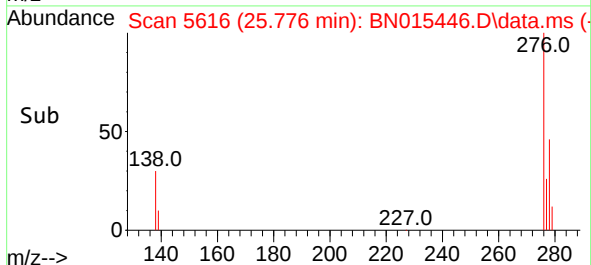
Tgt Ion:252 Resp: 71981
Ion Ratio Lower Upper
252 100
253 24.5 18.9 28.3
125 15.9 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.612 ng/ul
RT: 25.776 min Scan# 5616
Delta R.T. -0.000 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10



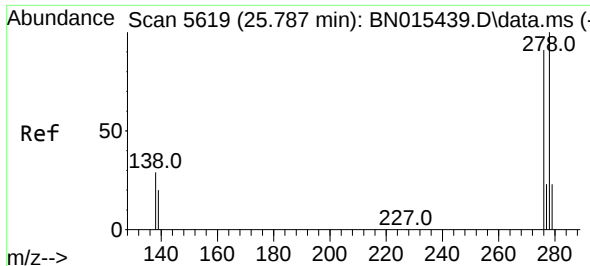
Tgt Ion:276 Resp: 60920
Ion Ratio Lower Upper
276 100
138 30.6 26.3 39.5
227 0.3 0.1 0.1#



Instrument :
BNA_N
ClientSampled :
BGDT6

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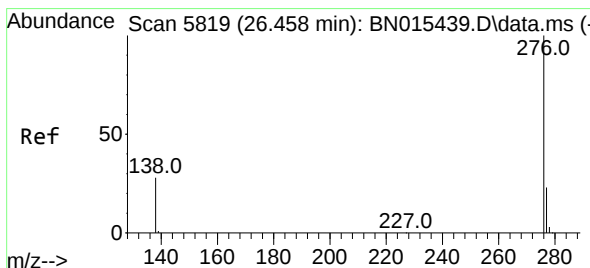
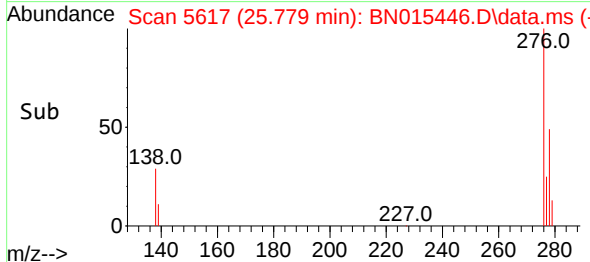
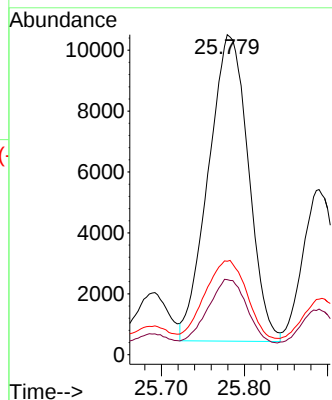
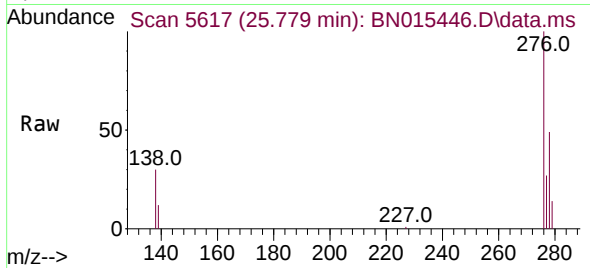
#28
Dibenzo(a,h)anthracene
Concen: 1.135 ng/ul
RT: 25.779 min Scan# 5617
Delta R.T. -0.010 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10

Tgt Ion: 278 Resp: 33632
Ion Ratio Lower Upper
278 100
139 23.5 18.9 28.3
279 29.2 20.8 31.2

Instrument :
BNA_N
ClientSampled :
BGDT6

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.457 min Scan# 5819
Delta R.T. -0.007 min
Lab File: BN015446.D
Acq: 09 Jul 2021 15:10

Tgt Ion: 276 Resp: 1032
Ion Ratio Lower Upper
276 100
138 54.3 23.0 34.4#
277 52.0 19.3 28.9#

