

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015445.D
 Acq On : 09 Jul 2021 14:34
 Operator : CG/JU
 Sample : M2854-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD2

Manual Integrations
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 7/12/2021 9:31:57 AM

Quant Time: Jul 09 15:04:23 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	2334	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	8243	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.336	164	4496	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.087	188	8958	0.400	ng/ul	0.00
17) Chrysene-d12	21.289	240	7257	0.400	ng/ul	0.00
23) Perylene-d12	23.525	264	6751	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	7074	2.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3091	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.119	212	6966	0.292	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.529	128	21392	0.813	ng/ul	99
7) 2-Methylnaphthalene	12.146	142	2894	0.168	ng/ul	99
8) 1-Methylnaphthalene	12.366	142	1118	0.067	ng/ul	99
10) Acenaphthylene	14.054	152	25990	1.118	ng/ul	100
11) Acenaphthene	14.401	153	8569	0.481	ng/ul	99
12) Fluorene	15.391	166	15052	0.765	ng/ul	98
15) Phenanthrene	17.125	178	179375	5.517	ng/ul	100
16) Anthracene	17.218	178	93721	3.270	ng/ul	99
19) Fluoranthene	19.151	202	656710	19.584	ng/ul	100
20) Pyrene	19.514	202	313411	9.319	ng/ul	99
21) Benzo(a)anthracene	21.272	228	331278	12.323	ng/ul	96
22) Chrysene	21.321	228	246605	7.663	ng/ul	98
24) Benzo(b)fluoranthene	22.858	252	296206m	9.392	ng/ul	
25) Benzo(k)fluoranthene	22.897	252	116296m	3.267	ng/ul	
26) Benzo(a)pyrene	23.429	252	75520	2.851	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.776	276	60526	1.892	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.779	278	32930	1.313	ng/ul	96
29) Benzo(g,h,i)perylene	26.460	276	1196	0.040	ng/ul#	46

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

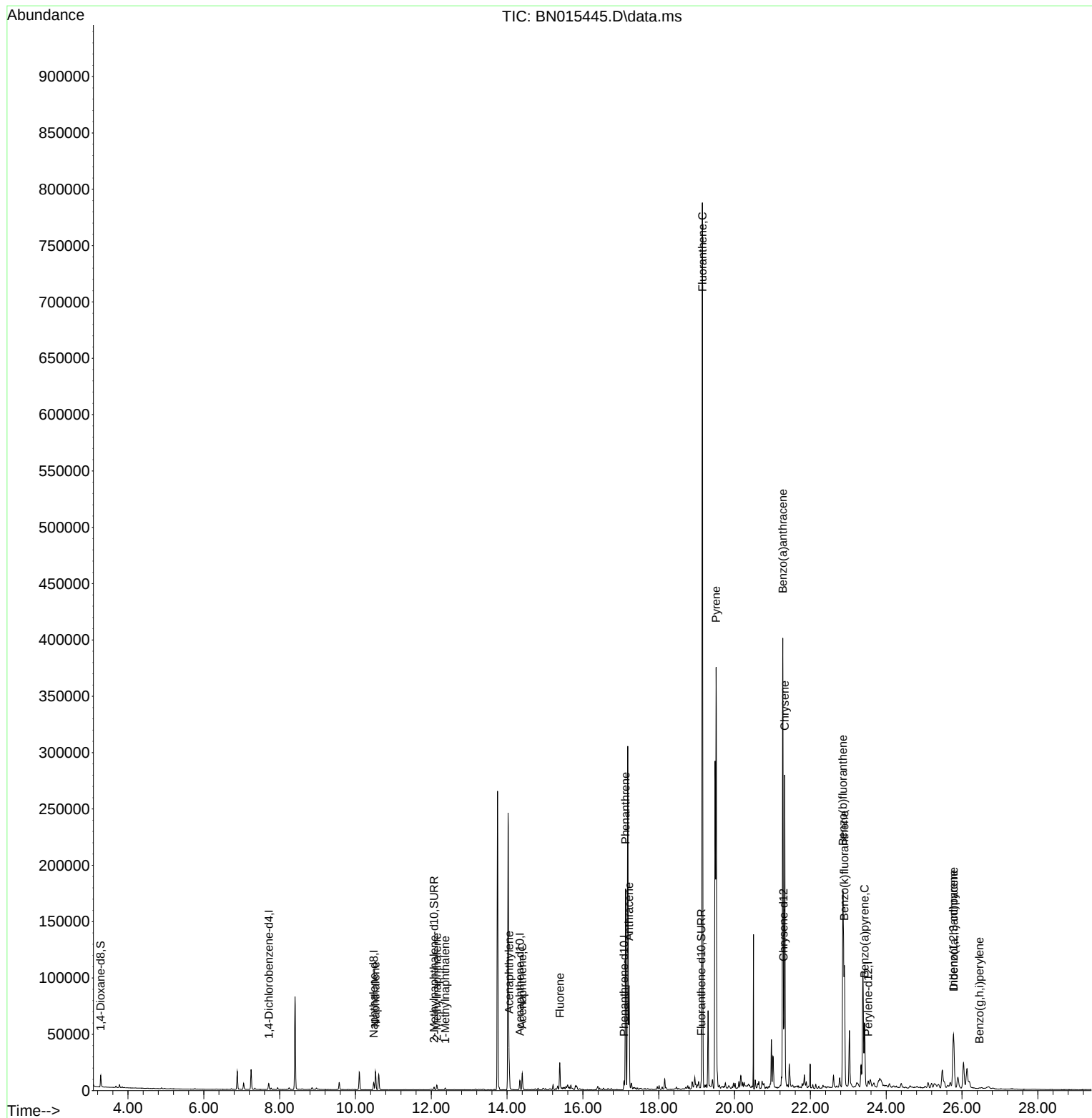
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Data File : BN015445.D
Acq On : 09 Jul 2021 14:34
Operator : CG/JU
Sample : M2854-09
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ALS Vial : 46 Sample Multiplier: 1

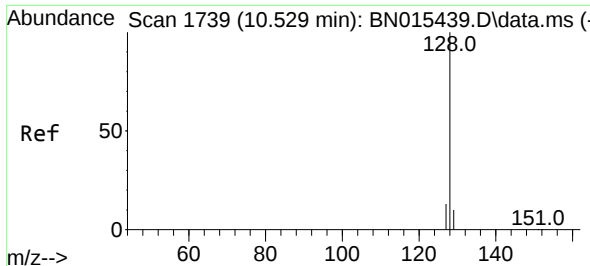
Instrument :
BNA_N
ClientSampleId :
BGDT2

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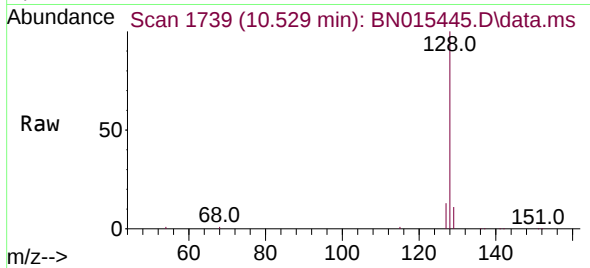
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7/12/2021 9:31:57 AM

Quant Time: Jul 09 15:04:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
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Response via : Initial Calibration

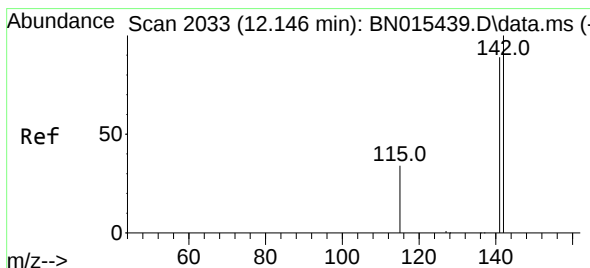
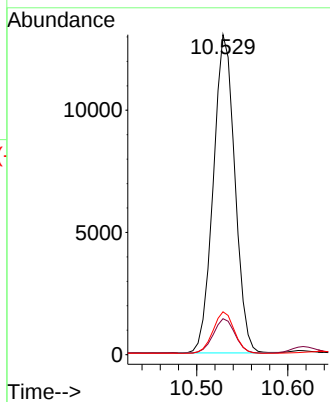
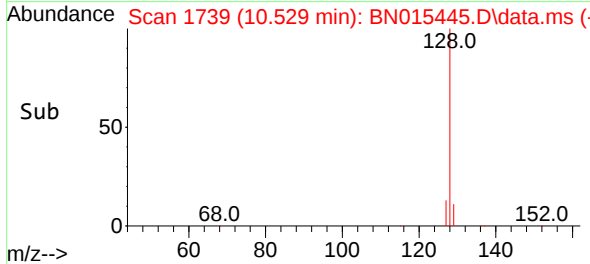




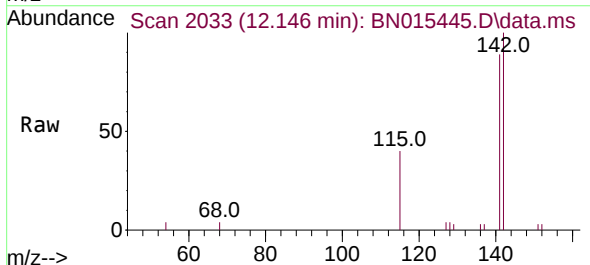
#5
Naphthalene
Concen: 0.813 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



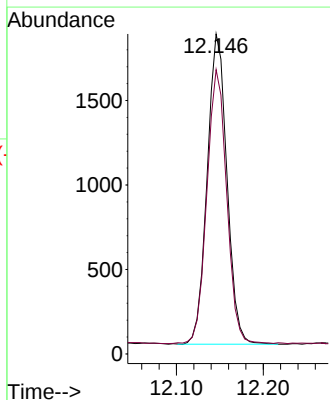
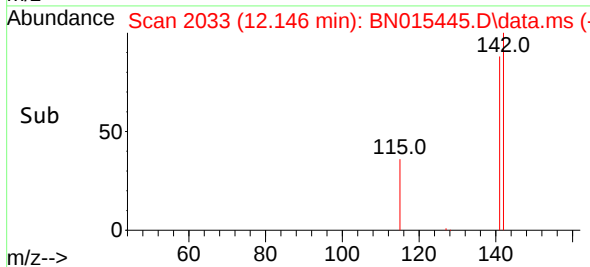
Tgt Ion:128 Resp: 21392
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.4 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



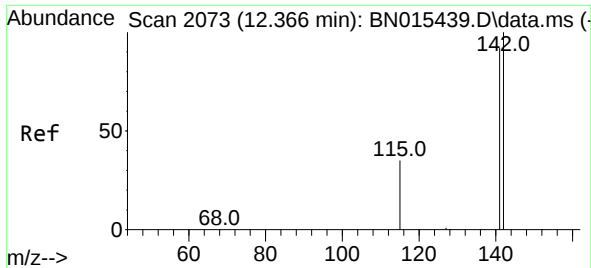
Tgt Ion:142 Resp: 2894
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5



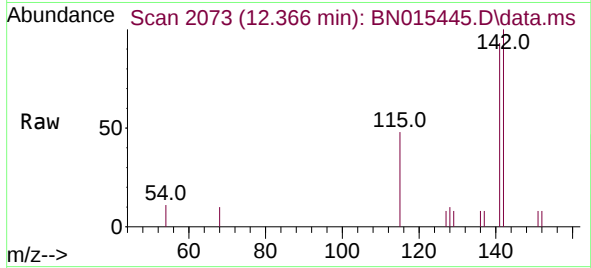
Instrument :
BNA_N
ClientSampleId :
BGDT2

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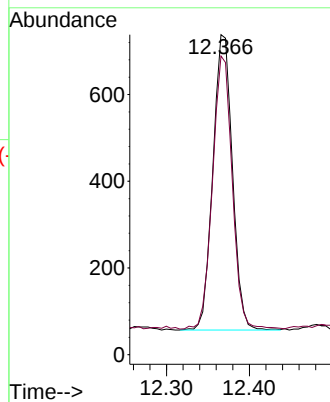
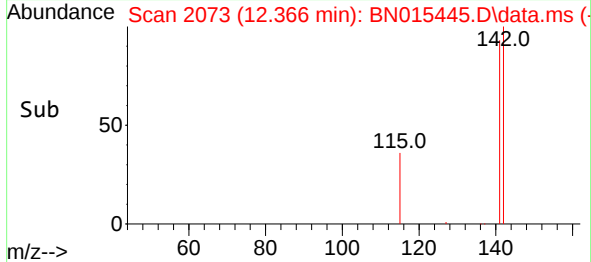
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#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



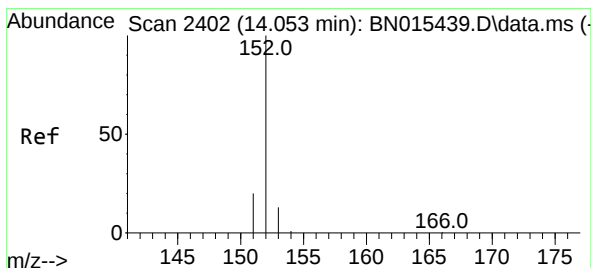
Tgt Ion:142 Resp: 1118
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4



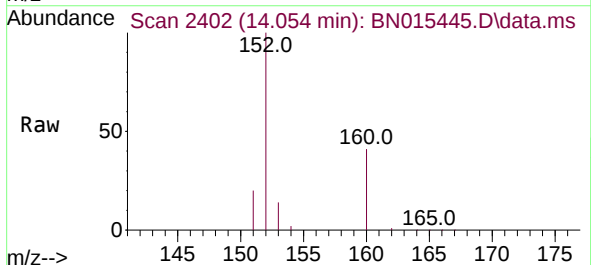
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BNA_N
ClientSampleId :
BGDT2

Manual Integrations
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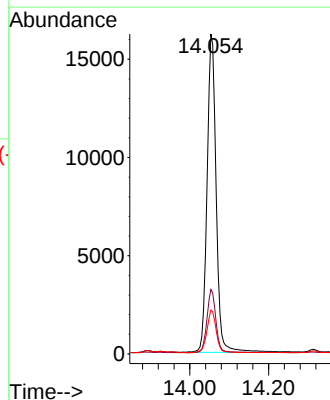
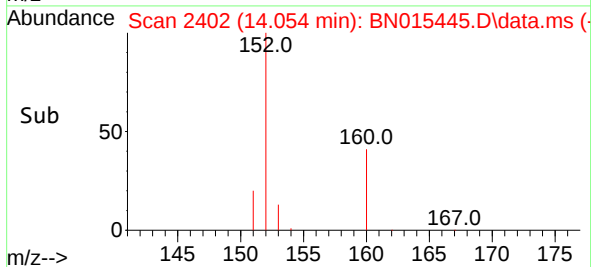
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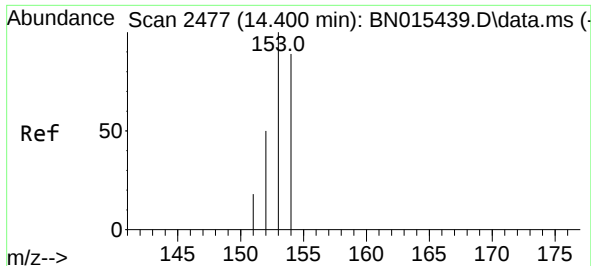


#10
Acenaphthylene
Concen: 1.118 ng/ul
RT: 14.054 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



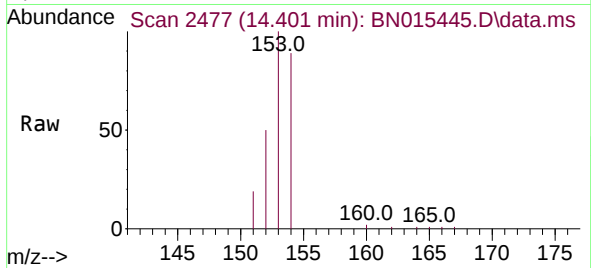
Tgt Ion:152 Resp: 25990
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.7 10.9 16.3



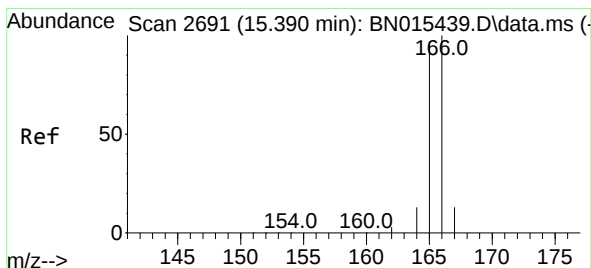
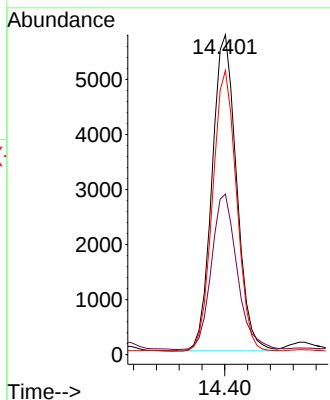
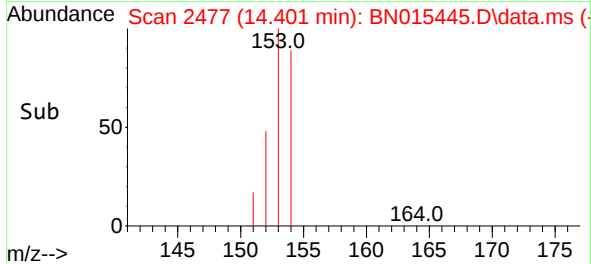


#11
Acenaphthene
Concen: 0.481 ng/ul
RT: 14.401 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34

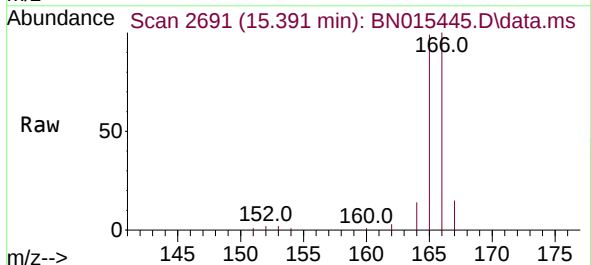
Instrument :
BNA_N
ClientSampleId :
BGDT2



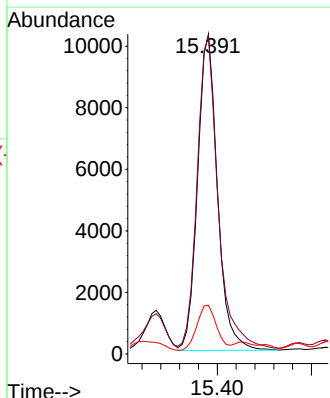
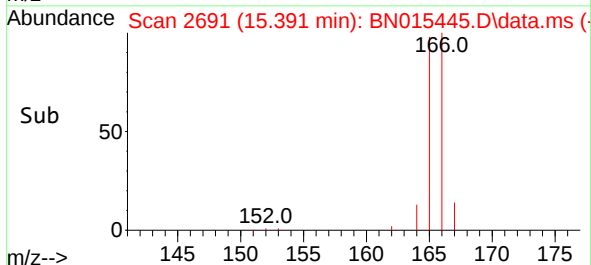
Tgt Ion:153 Resp: 8569
Ion Ratio Lower Upper
153 100
152 50.2 39.8 59.6
154 88.8 69.8 104.8

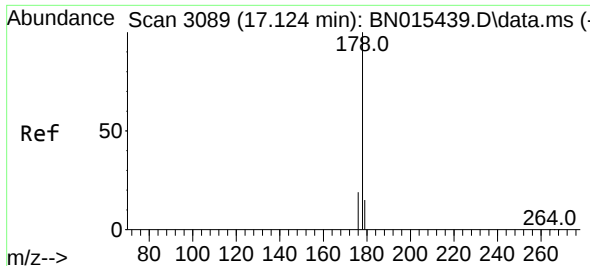


#12
Fluorene
Concen: 0.765 ng/ul
RT: 15.391 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



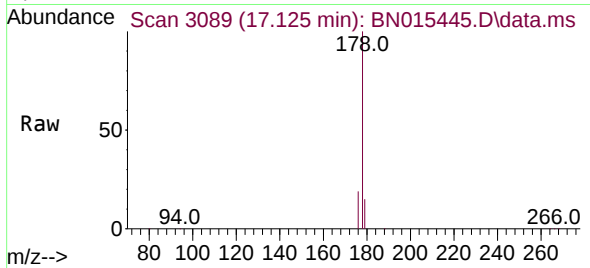
Tgt Ion:166 Resp: 15052
Ion Ratio Lower Upper
166 100
165 99.2 77.8 116.8
167 15.2 11.2 16.8





#15
Phenanthrene
Concen: 5.517 ng/ul
RT: 17.125 min Scan# 3089
Delta R.T. -0.003 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34

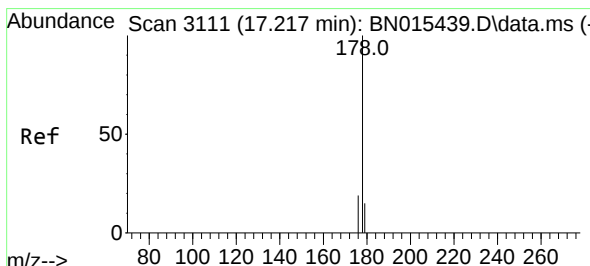
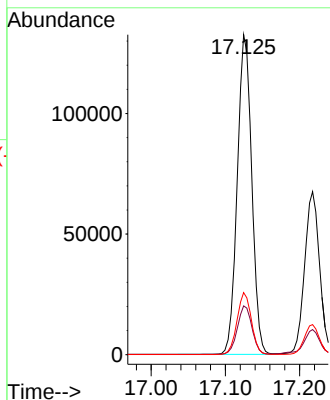
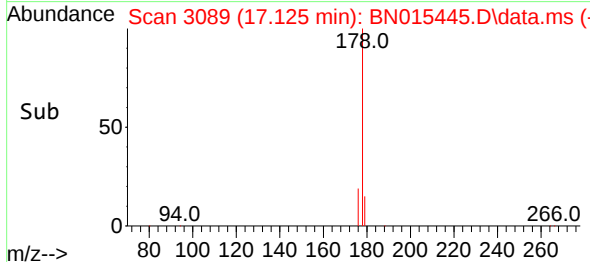
Instrument :
BNA_N
ClientSampled :
BGDT2



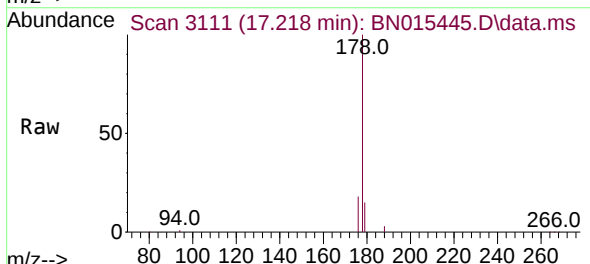
Tgt Ion:178 Resp: 179375
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.4 15.5 23.3

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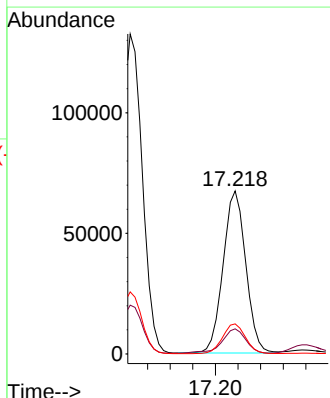
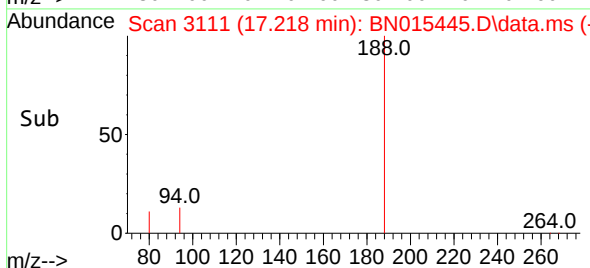
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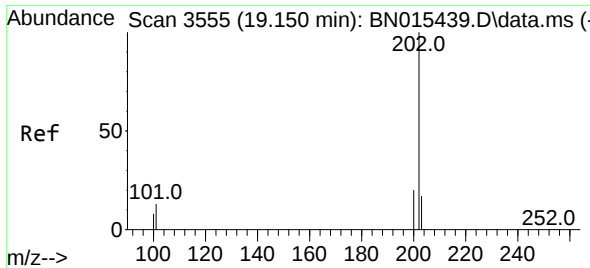


#16
Anthracene
Concen: 3.270 ng/ul
RT: 17.218 min Scan# 3111
Delta R.T. 0.001 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



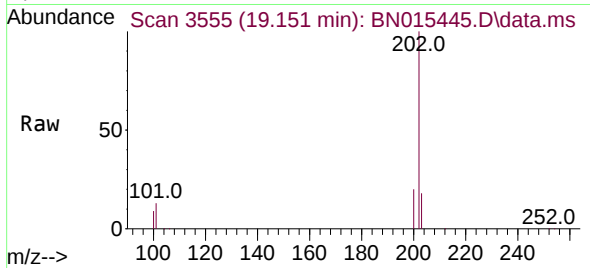
Tgt Ion:178 Resp: 93721
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 18.5 15.2 22.8





#19
Fluoranthene
Concen: 19.584 ng/u1
RT: 19.151 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34

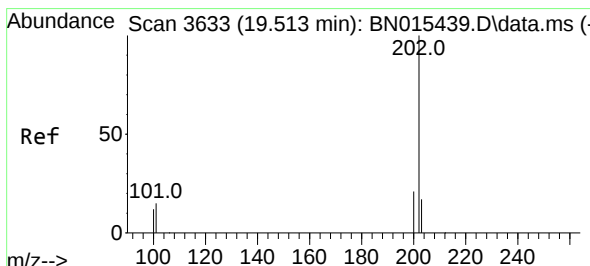
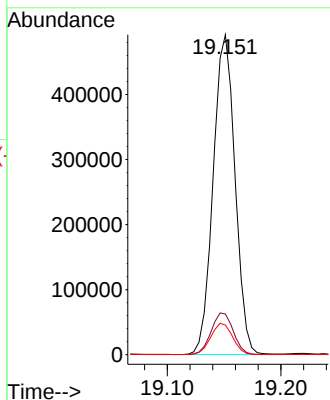
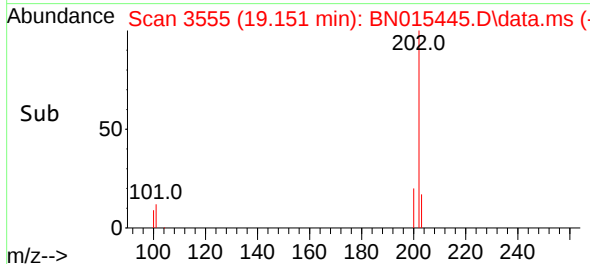
Instrument :
BNA_N
ClientSampleId :
BGDT2



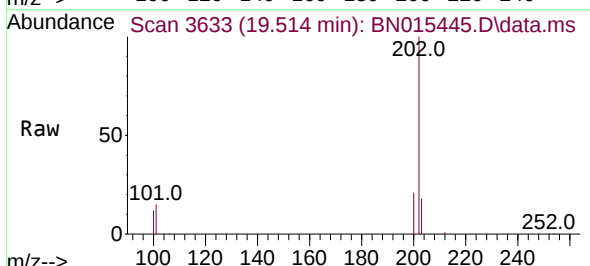
Tgt Ion:202 Resp: 656710
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.3 7.4 11.0

Manual Integrations
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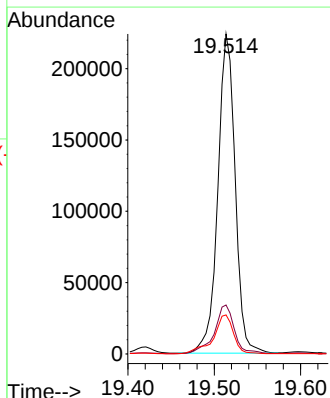
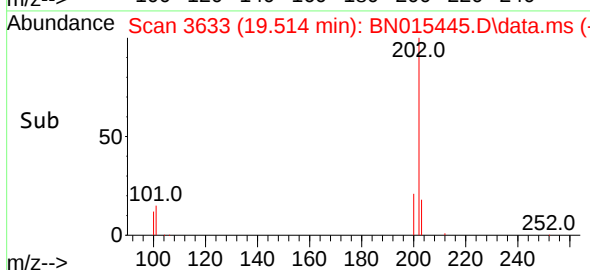
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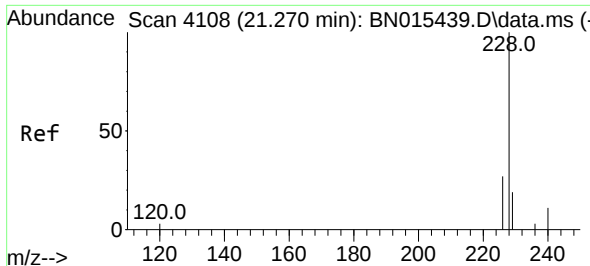


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Pyrene
Concen: 9.319 ng/u1
RT: 19.514 min Scan# 3633
Delta R.T. -0.003 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



Tgt Ion:202 Resp: 313411
Ion Ratio Lower Upper
202 100
101 15.3 12.0 18.0
100 12.2 9.6 14.4





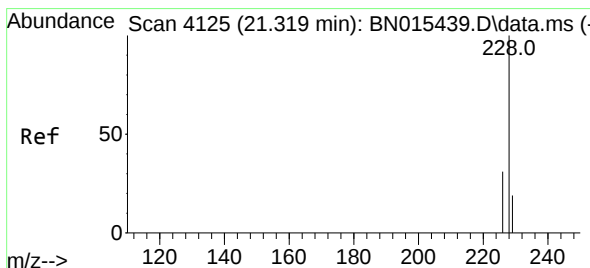
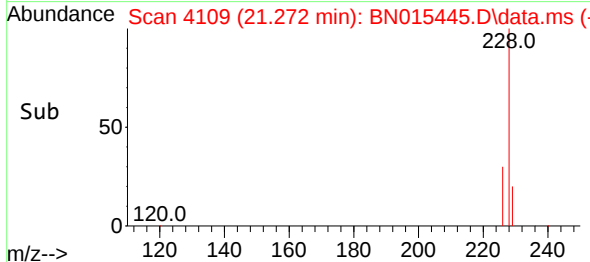
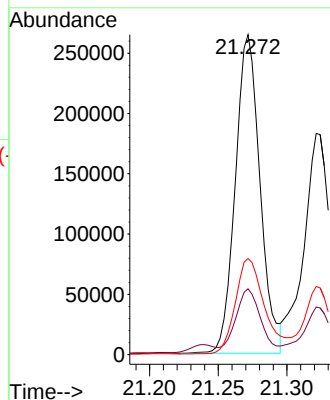
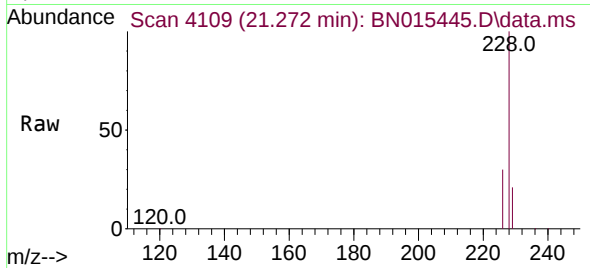
#21
Benzo(a)anthracene
Concen: 12.323 ng/ul
RT: 21.272 min Scan# 4109
Delta R.T. -0.000 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34

Tgt Ion:228 Resp: 331278
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 30.1 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDT2

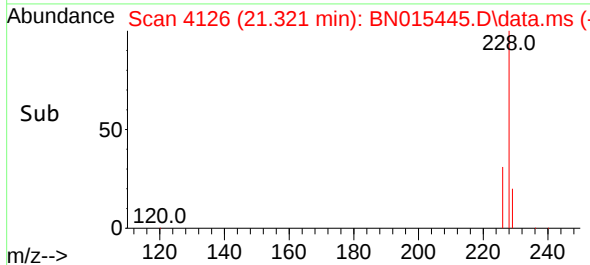
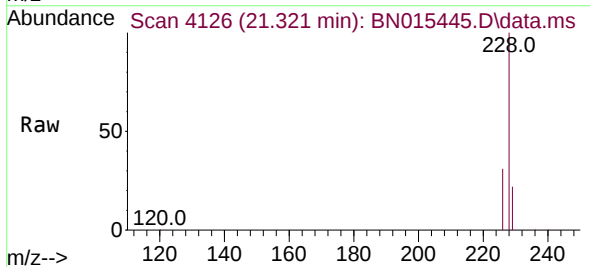
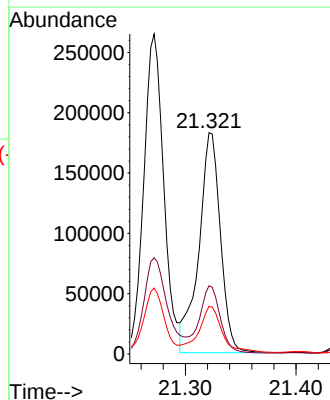
Manual Integrations
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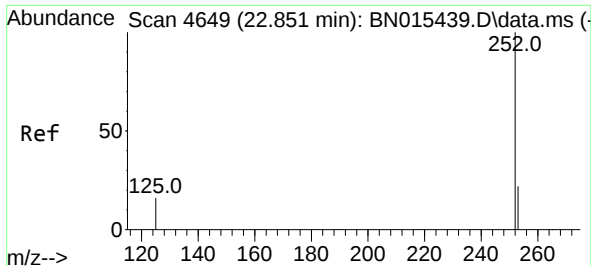
mohammad
7/12/2021 9:31:57 AM



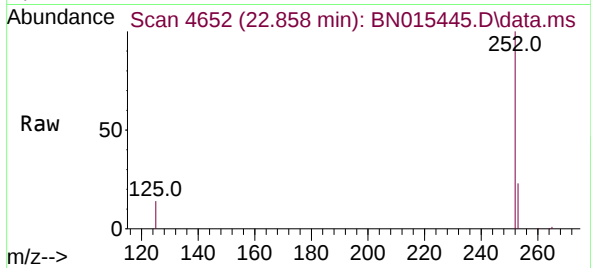
#22
Chrysene
Concen: 7.663 ng/ul
RT: 21.321 min Scan# 4126
Delta R.T. -0.000 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34

Tgt Ion:228 Resp: 246605
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.5 15.7 23.5

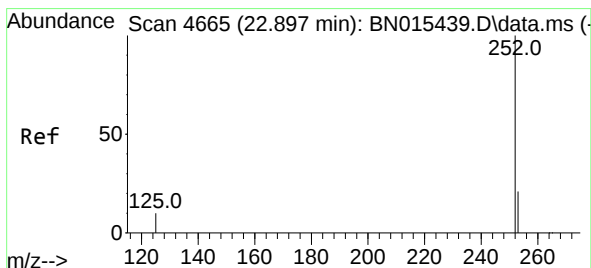
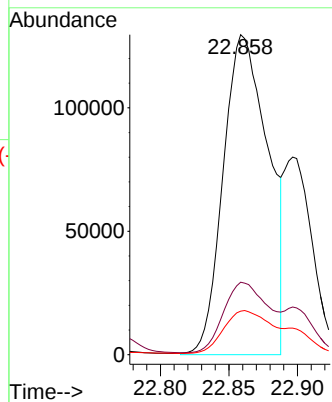
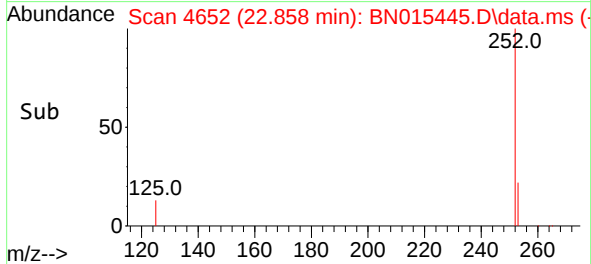




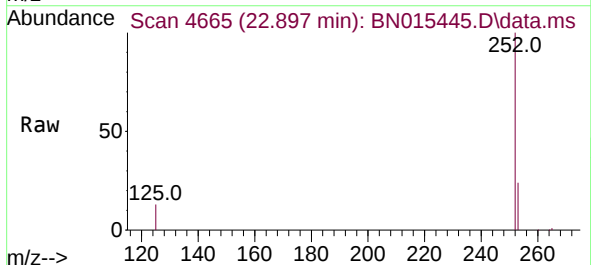
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Benzo(b)fluoranthene
Concen: 9.392 ng/ul m
RT: 22.858 min Scan# 4652
Delta R.T. 0.003 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



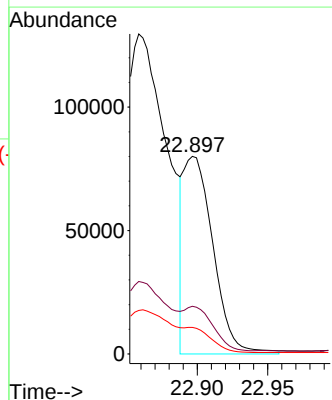
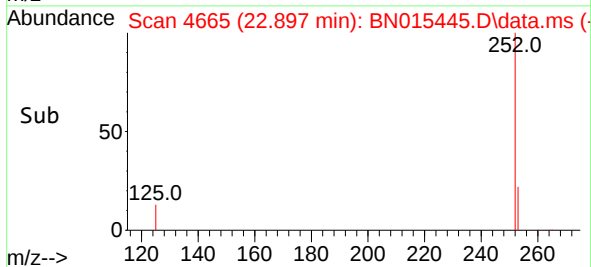
Tgt Ion:252 Resp: 296206
Ion Ratio Lower Upper
252 100
253 22.6 0.0 45.6
125 13.6 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 3.267 ng/ul m
RT: 22.897 min Scan# 4665
Delta R.T. -0.003 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



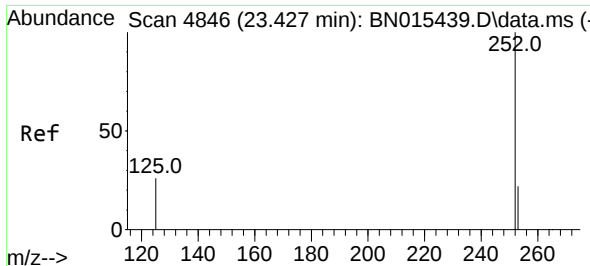
Tgt Ion:252 Resp: 116296
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 13.4 11.5 17.3



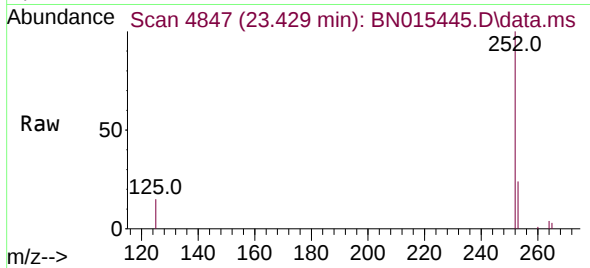
Instrument :
BNA_N
ClientSampled :
BGDT2

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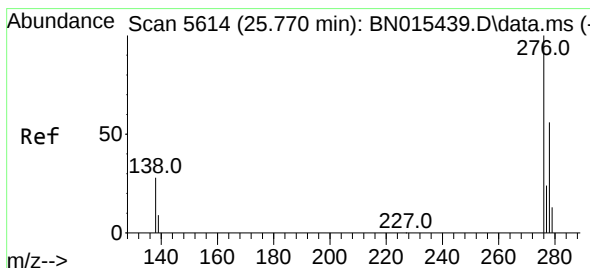
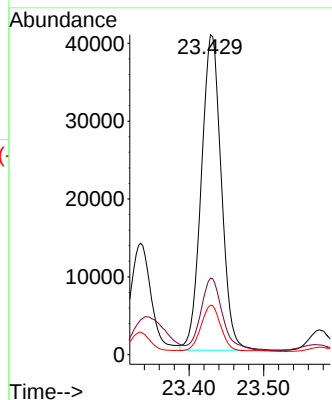
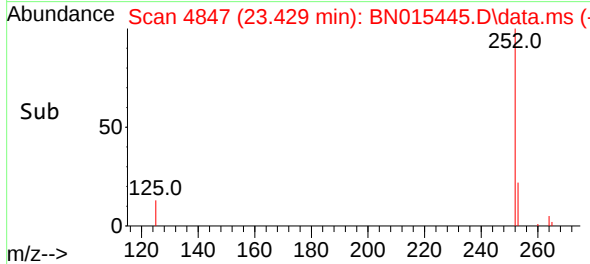
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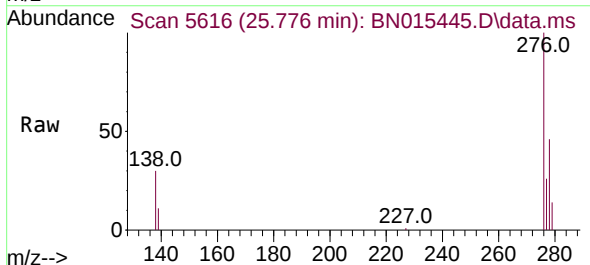
#26
Benzo(a)pyrene
Concen: 2.851 ng/ul
RT: 23.429 min Scan# 4847
Delta R.T. -0.000 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



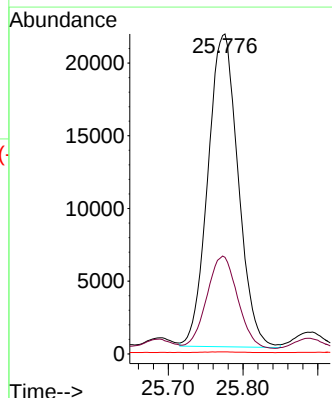
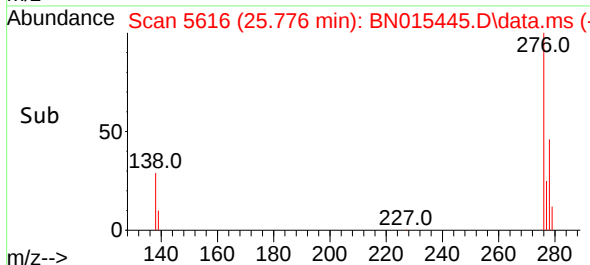
Tgt Ion:252 Resp: 75520
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 15.5 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.892 ng/ul
RT: 25.776 min Scan# 5616
Delta R.T. -0.000 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



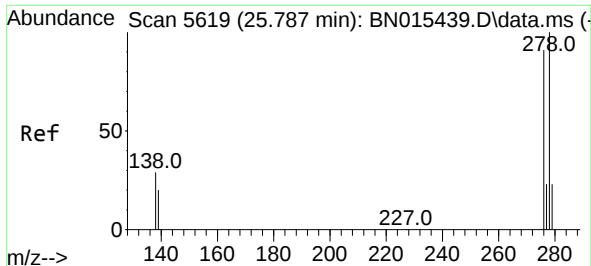
Tgt Ion:276 Resp: 60526
Ion Ratio Lower Upper
276 100
138 30.3 26.3 39.5
227 0.3 0.1 0.1#



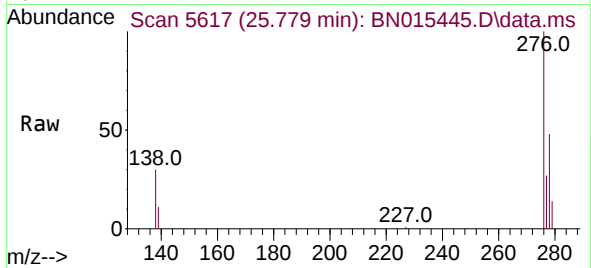
Instrument :
BNA_N
ClientSampled :
BGDT2

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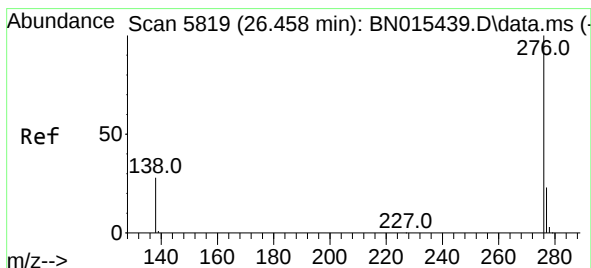
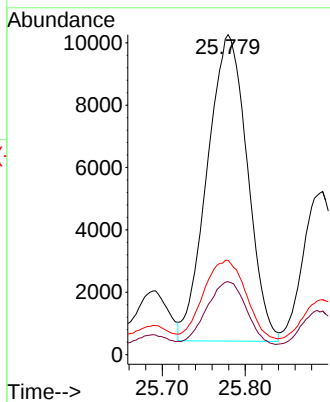
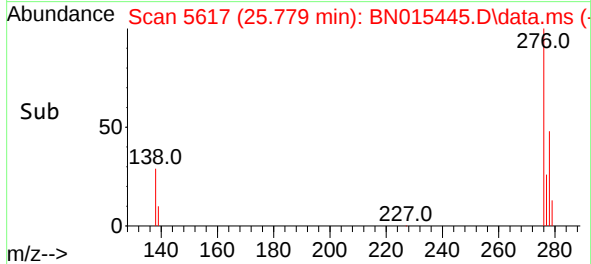
mohammad
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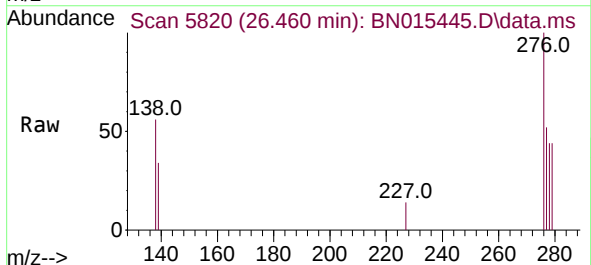
#28
Dibenzo(a,h)anthracene
Concen: 1.313 ng/ul
RT: 25.779 min Scan# 5617
Delta R.T. -0.010 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



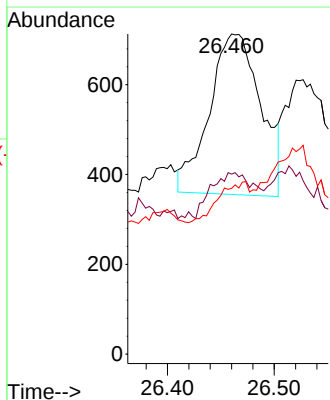
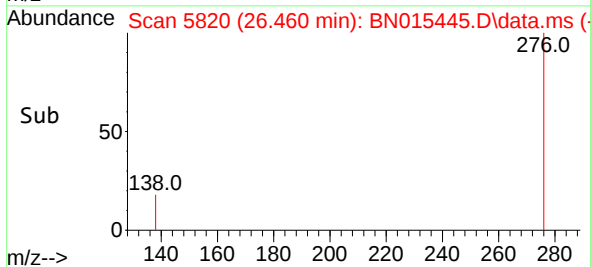
Tgt Ion: 278 Resp: 32930
Ion Ratio Lower Upper
278 100
139 22.8 18.9 28.3
279 29.5 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 26.460 min Scan# 5820
Delta R.T. -0.004 min
Lab File: BN015445.D
Acq: 09 Jul 2021 14:34



Tgt Ion: 276 Resp: 1196
Ion Ratio Lower Upper
276 100
138 56.2 23.0 34.4#
277 51.8 19.3 28.9#



Instrument :
BNA_N
ClientSampled :
BGDT2

Manual Integrations
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