

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015442.D
 Acq On : 09 Jul 2021 12:45
 Operator : CG/JU
 Sample : M2854-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS3

Manual Integrations
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Quant Time: Jul 09 13:15:23 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	7.715	152	2691	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	9428	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.339	164	5107	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	10053	0.400	ng/ul	0.00
17) Chrysene-d12	21.286	240	8138	0.400	ng/ul	0.00
23) Perylene-d12	23.531	264	6843	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	8174	2.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3101	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	7082	0.265	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	35582	1.183	ng/ul	99
7) 2-Methylnaphthalene	12.145	142	4377	0.222	ng/ul	99
8) 1-Methylnaphthalene	12.365	142	2413	0.127	ng/ul	100
10) Acenaphthylene	14.052	152	53368	2.021	ng/ul	100
11) Acenaphthene	14.399	153	22176	1.096	ng/ul	99
12) Fluorene	15.389	166	32177	1.439	ng/ul	99
14) Pentachlorophenol	16.739	266	149	0.067	ng/ul	96
15) Phenanthrene	17.124	178	498308	13.657	ng/ul	100
16) Anthracene	17.216	178	122876	3.820	ng/ul	99
19) Fluoranthene	19.150	202	802625	21.344	ng/ul	98
20) Pyrene	19.517	202	567044	15.035	ng/ul	99
21) Benzo(a)anthracene	21.269	228	355719	11.800	ng/ul	97
22) Chrysene	21.322	228	262185	7.265	ng/ul	98
24) Benzo(b)fluoranthene	22.859	252	322897m	10.100	ng/ul	
25) Benzo(k)fluoranthene	22.897	252	127452m	3.532	ng/ul	
26) Benzo(a)pyrene	23.432	252	203839	7.592	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.773	276	118035	3.640	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.779	278	35602	1.400	ng/ul	98
29) Benzo(g,h,i)perylene	26.464	276	10428	0.347	ng/ul#	91

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

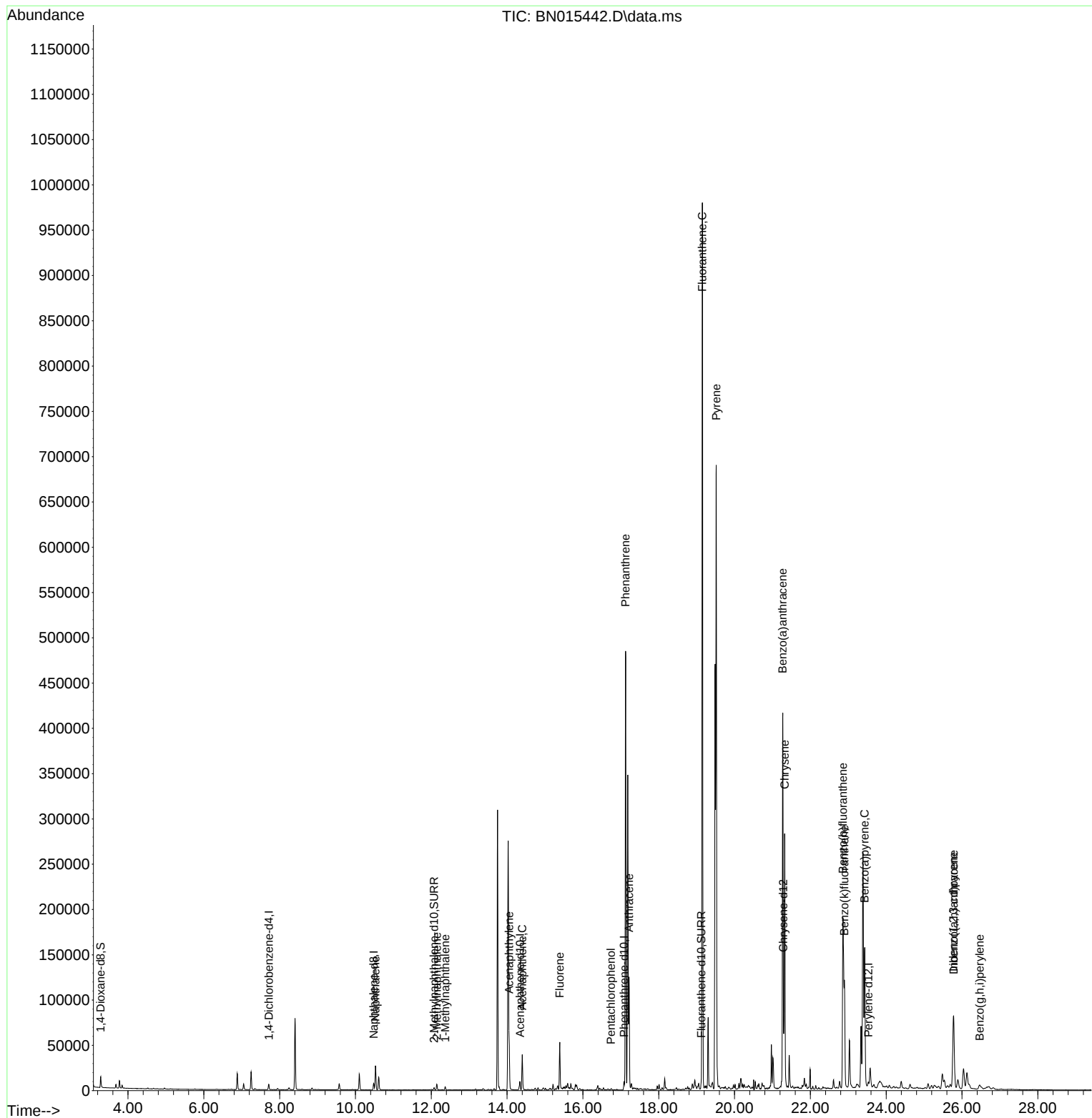
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015442.D
Acq On : 09 Jul 2021 12:45
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ALS Vial : 43 Sample Multiplier: 1

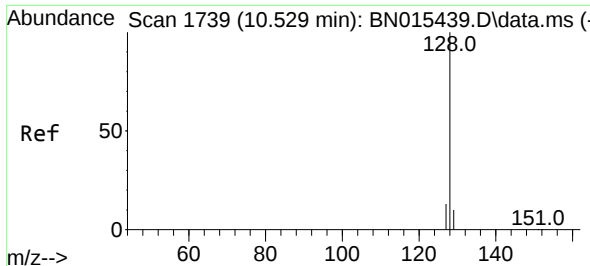
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ClientSampleId :
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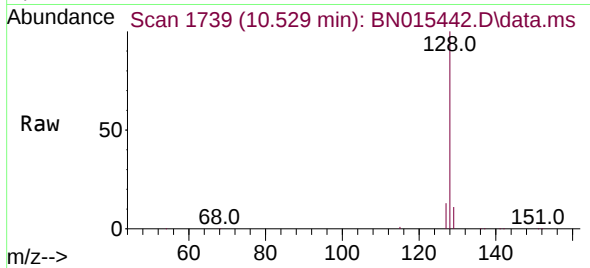
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

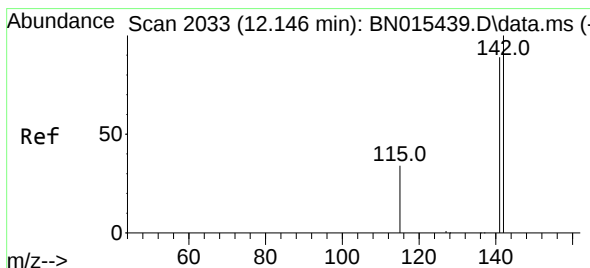
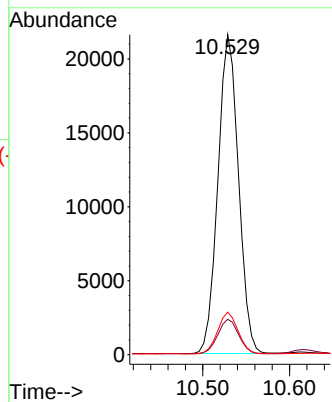
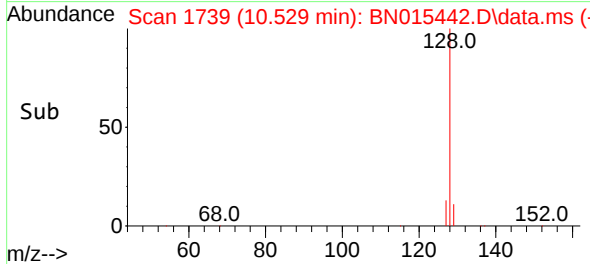




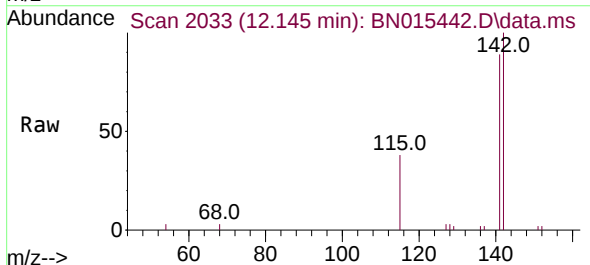
#5
Naphthalene
Concen: 1.183 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



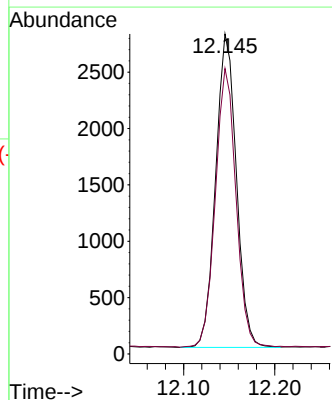
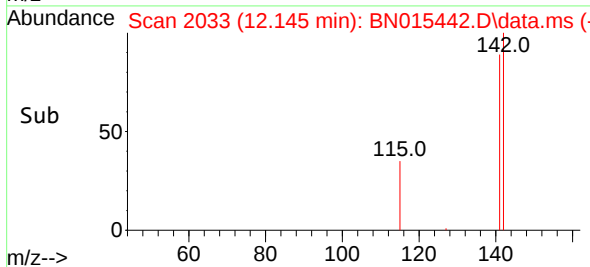
Tgt Ion:128 Resp: 35582
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.3 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 12.145 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



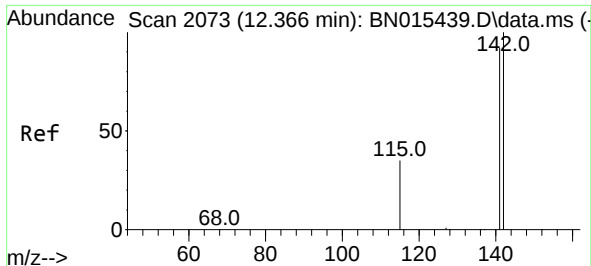
Tgt Ion:142 Resp: 4377
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5



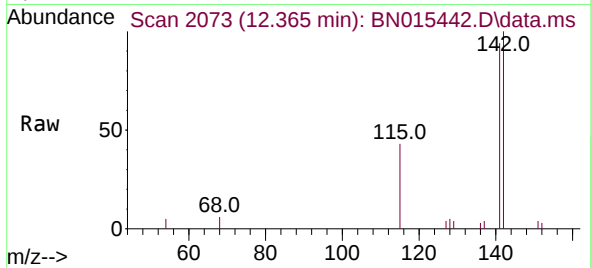
Instrument :
BNA_N
ClientSampled :
BGDS3

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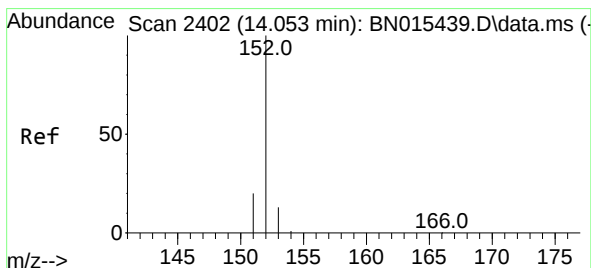
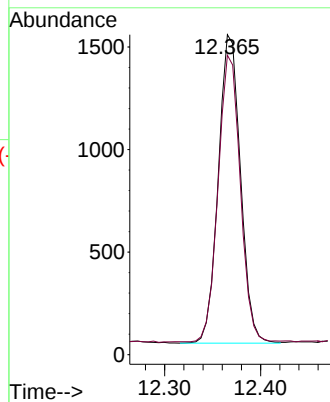
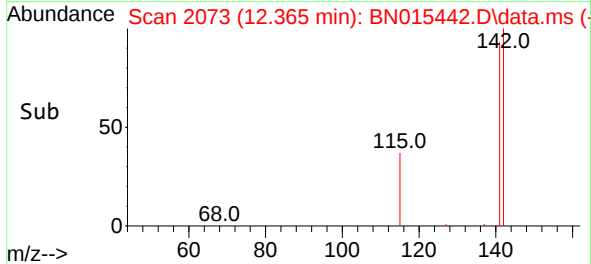
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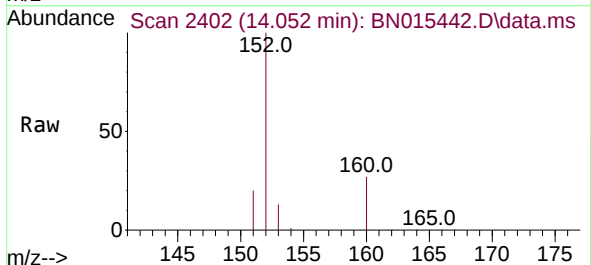
#8
1-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



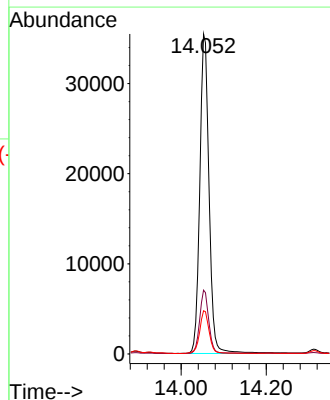
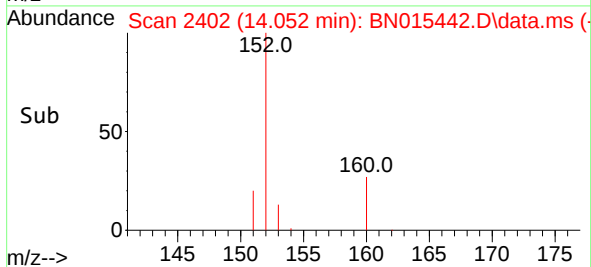
Tgt Ion:142 Resp: 2413
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4



#10
Acenaphthylene
Concen: 2.021 ng/ul
RT: 14.052 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



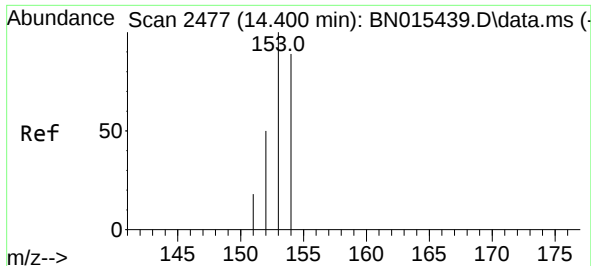
Tgt Ion:152 Resp: 53368
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.5 10.9 16.3



Instrument :
BNA_N
ClientSampled :
BGDS3

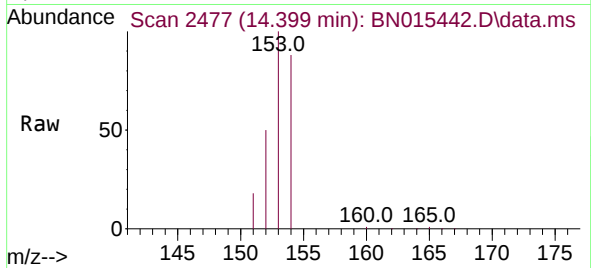
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#11
Acenaphthene
Concen: 1.096 ng/ul
RT: 14.399 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45

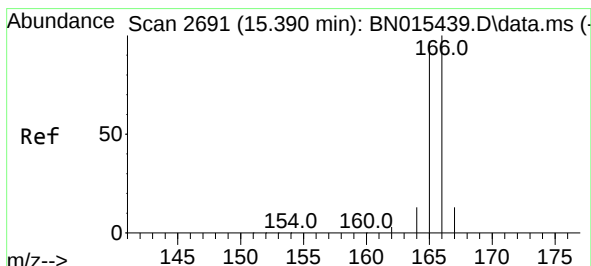
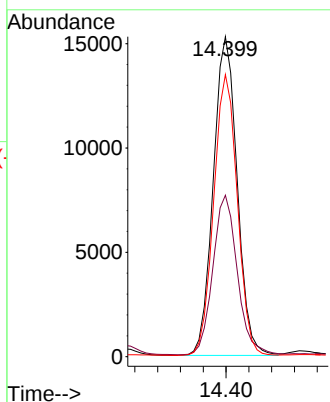
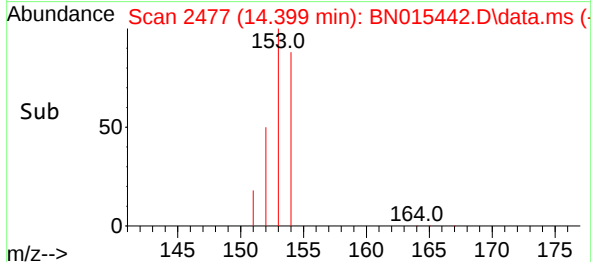
Instrument :
BNA_N
ClientSampled :
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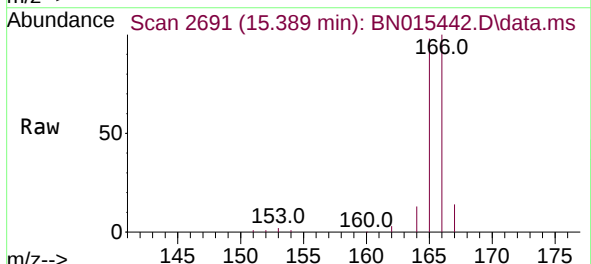
Tgt Ion:	153	Resp:	22176
Ion Ratio	Lower	Upper	
153	100		
152	50.4	39.8	59.6
154	88.2	69.8	104.8

Manual Integrations
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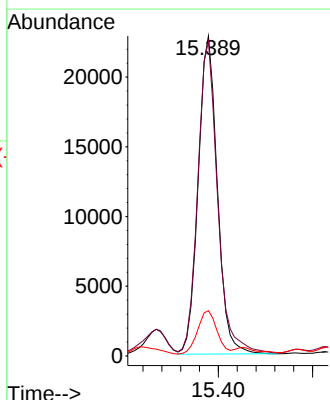
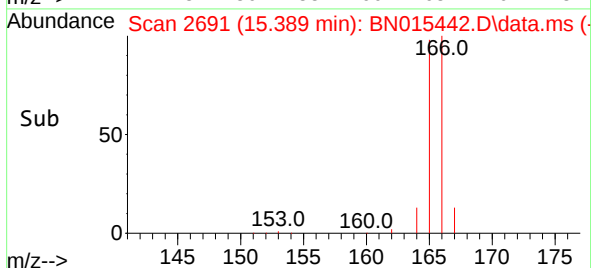
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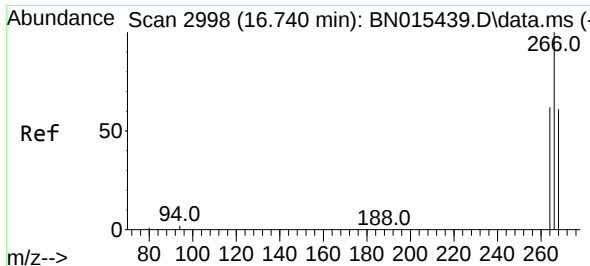


#12
Fluorene
Concen: 1.439 ng/ul
RT: 15.389 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



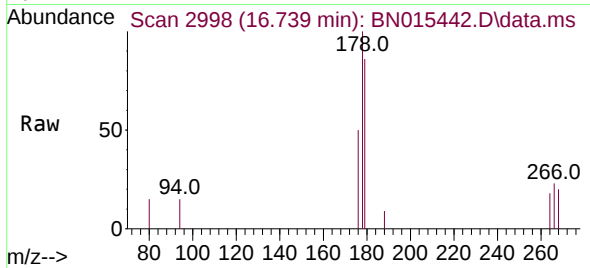
Tgt Ion:	166	Resp:	32177
Ion Ratio	Lower	Upper	
166	100		
165	98.3	77.8	116.8
167	14.1	11.2	16.8





#14
 Pentachlorophenol
 Concen: 0.067 ng/ul
 RT: 16.739 min Scan# 2998
 Delta R.T. -0.000 min
 Lab File: BN015442.D
 Acq: 09 Jul 2021 12:45

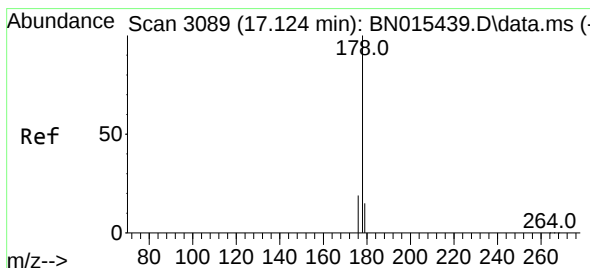
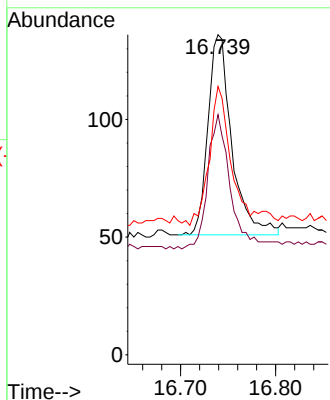
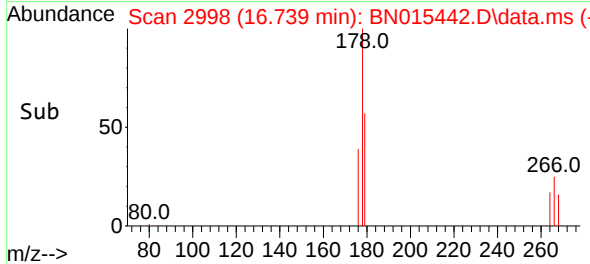
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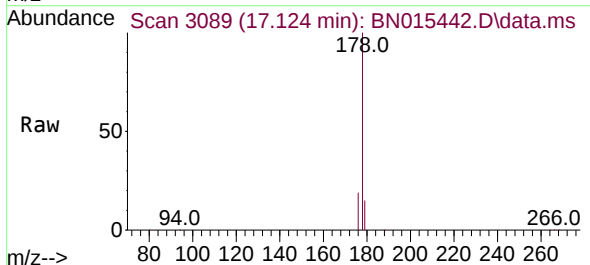
Tgt Ion:266 Resp: 149
 Ion Ratio Lower Upper
 266 100
 264 66.4 50.2 75.2
 268 62.4 51.8 77.6

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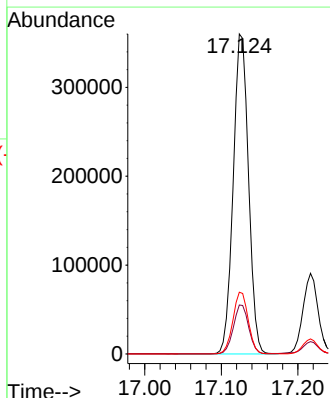
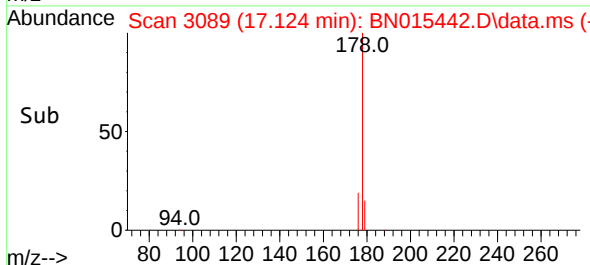
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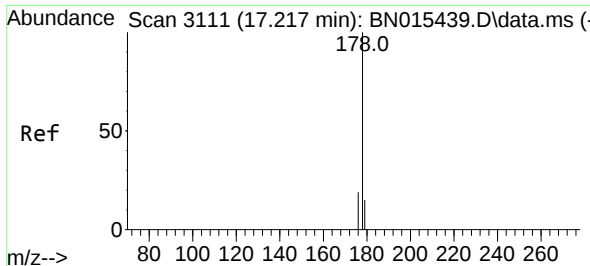


#15
 Phenanthrene
 Concen: 13.657 ng/ul
 RT: 17.124 min Scan# 3089
 Delta R.T. -0.004 min
 Lab File: BN015442.D
 Acq: 09 Jul 2021 12:45



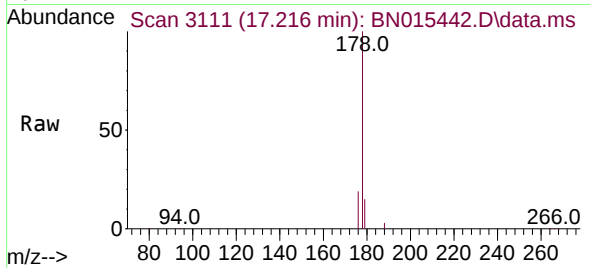
Tgt Ion:178 Resp: 498308
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.3 15.5 23.3



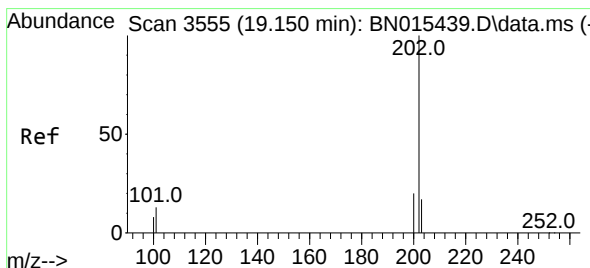
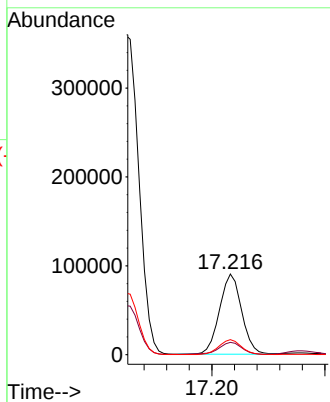
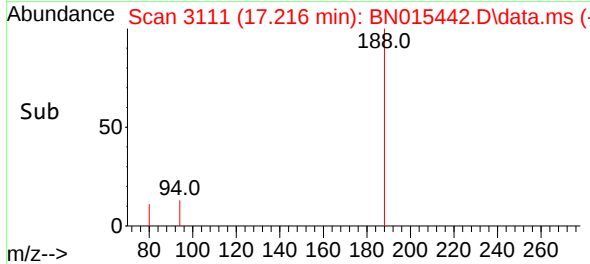


#16
 Anthracene
 Concen: 3.820 ng/ul
 RT: 17.216 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BN015442.D
 Acq: 09 Jul 2021 12:45

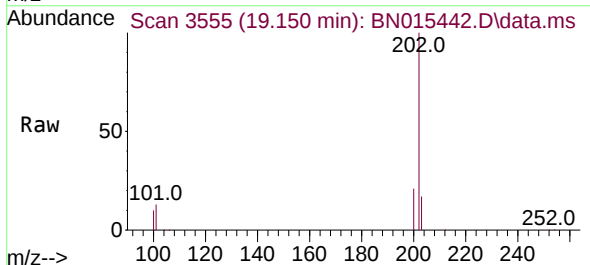
Instrument :
 BNA_N
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 BGDS3



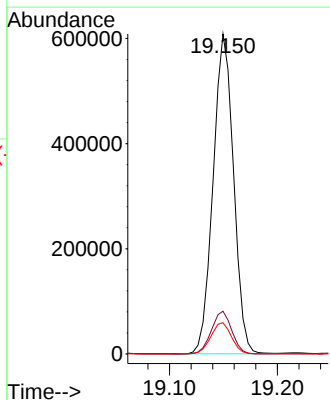
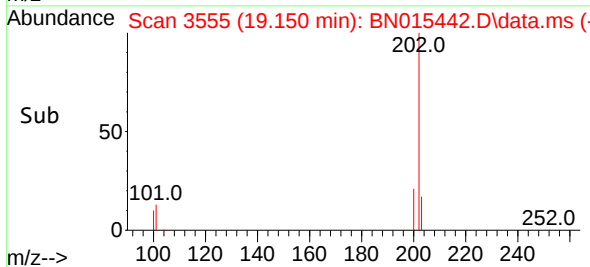
Tgt Ion:178 Resp: 122876
 Ion Ratio Lower Upper
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 179 15.4 12.8 19.2
 176 18.6 15.2 22.8

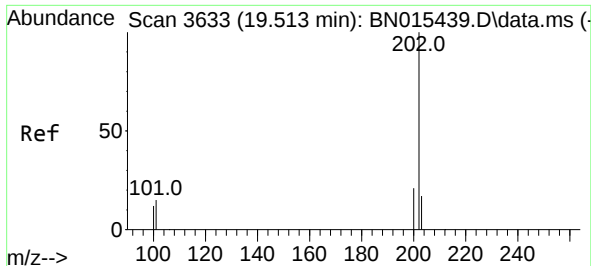


#19
 Fluoranthene
 Concen: 21.344 ng/ul
 RT: 19.150 min Scan# 3555
 Delta R.T. -0.000 min
 Lab File: BN015442.D
 Acq: 09 Jul 2021 12:45

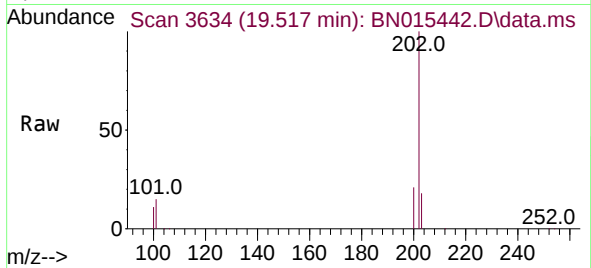


Tgt Ion:202 Resp: 802625
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.1 15.1
 100 9.8 7.4 11.0

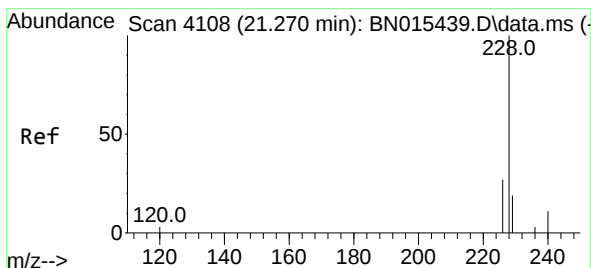
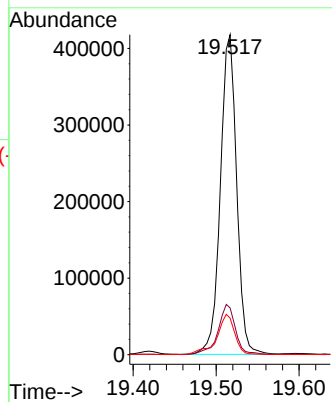
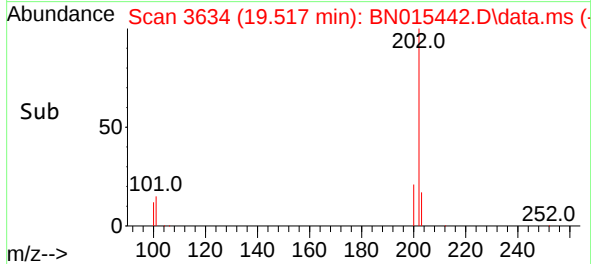




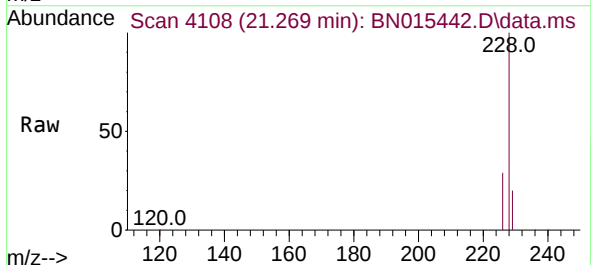
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Pyrene
Concen: 15.035 ng/ul
RT: 19.517 min Scan# 3634
Delta R.T. -0.000 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



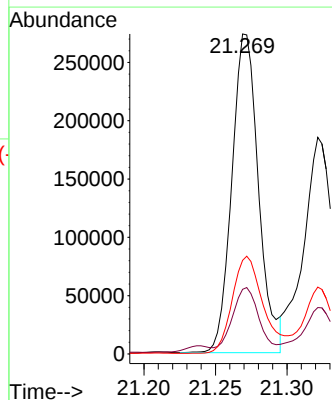
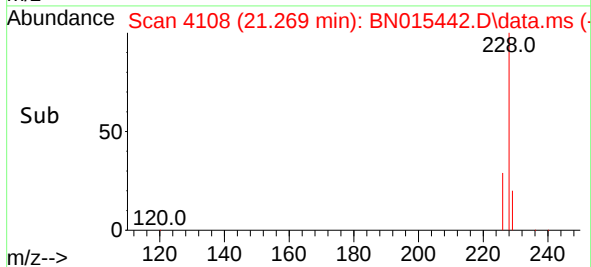
Tgt Ion:202 Resp: 567044
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.4 9.6 14.4



#21
Benzo(a)anthracene
Concen: 11.800 ng/ul
RT: 21.269 min Scan# 4108
Delta R.T. -0.003 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



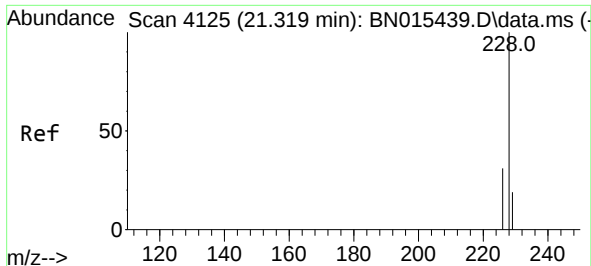
Tgt Ion:228 Resp: 355719
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 29.3 21.8 32.8



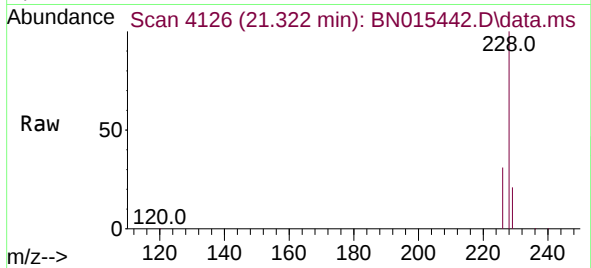
Instrument :
BNA_N
ClientSampleId :
BGDS3

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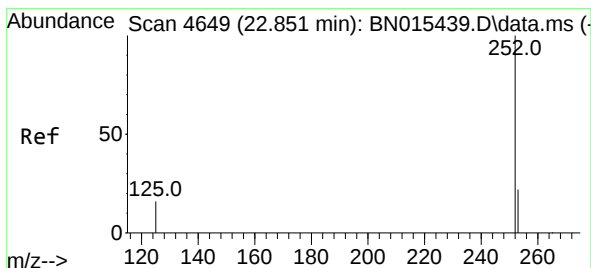
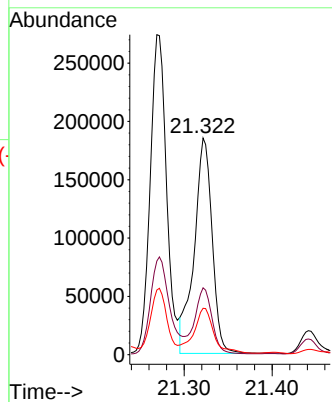
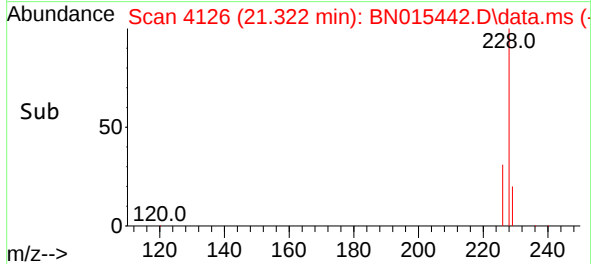
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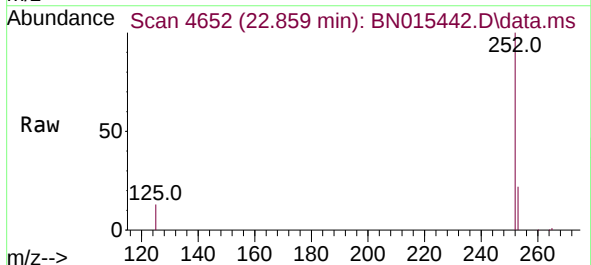
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Chrysene
Concen: 7.265 ng/ul
RT: 21.322 min Scan# 4126
Delta R.T. -0.000 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



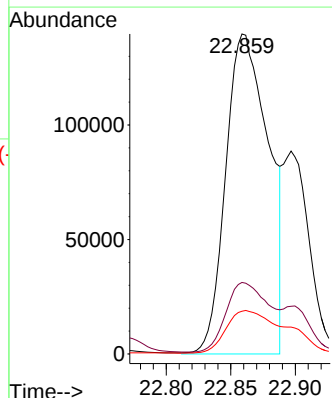
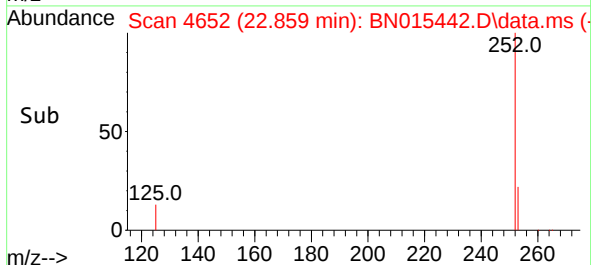
Tgt Ion:228 Resp: 262185
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.4 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 10.100 ng/ul m
RT: 22.859 min Scan# 4652
Delta R.T. 0.003 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



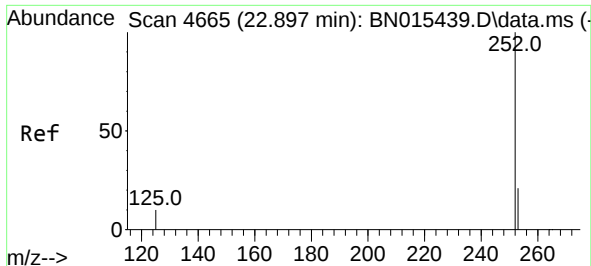
Tgt Ion:252 Resp: 322897
Ion Ratio Lower Upper
252 100
253 22.4 0.0 45.6
125 13.4 0.0 28.4



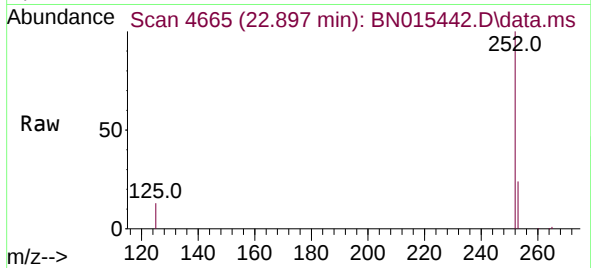
Instrument :
BNA_N
ClientSampled :
BGDS3

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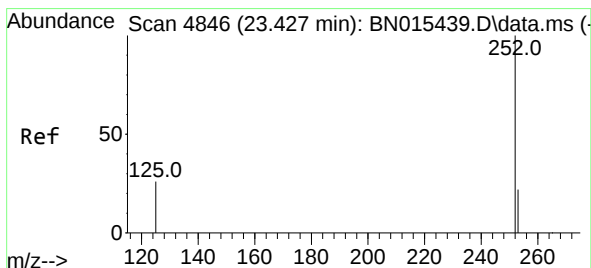
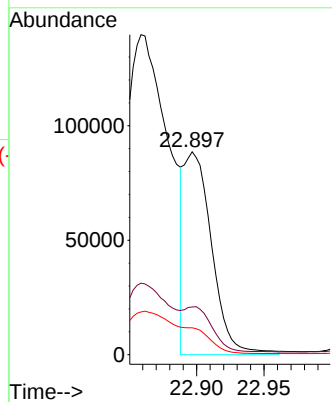
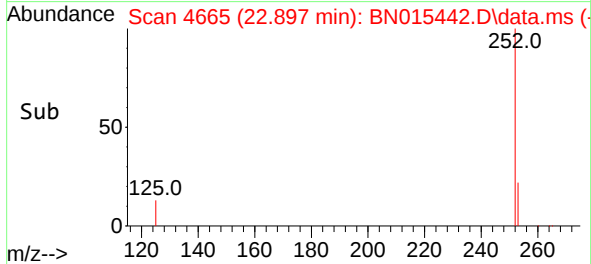
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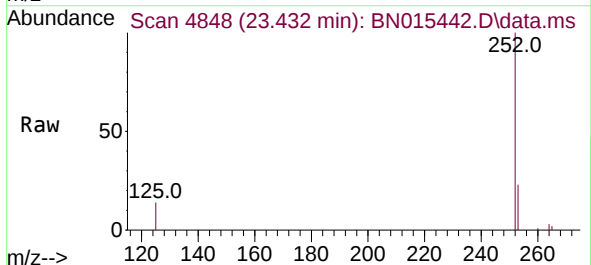
#25
Benzo(k)fluoranthene
Concen: 3.532 ng/ul m
RT: 22.897 min Scan# 4665
Delta R.T. -0.003 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



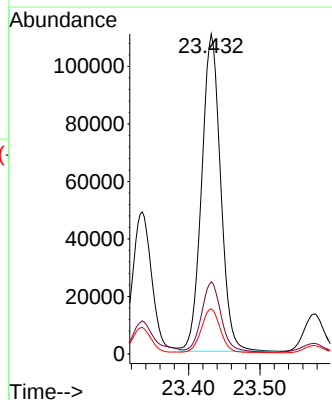
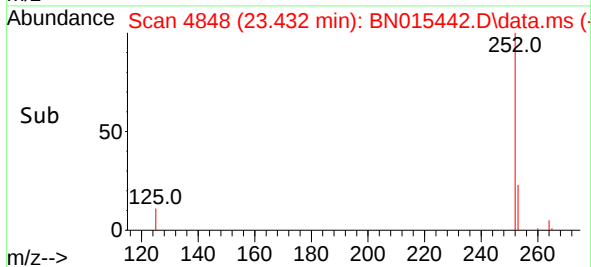
Tgt Ion:252 Resp: 127452
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 13.3 11.5 17.3



#26
Benzo(a)pyrene
Concen: 7.592 ng/ul
RT: 23.432 min Scan# 4848
Delta R.T. 0.003 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45



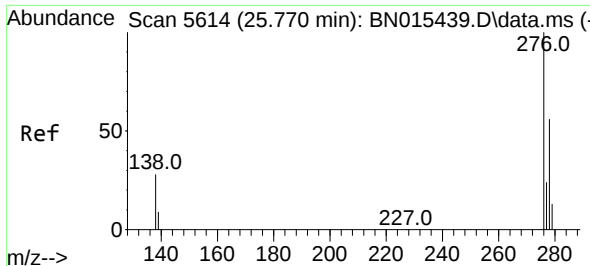
Tgt Ion:252 Resp: 203839
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 14.1 13.5 20.3



Instrument :
BNA_N
ClientSampleId :
BGDS3

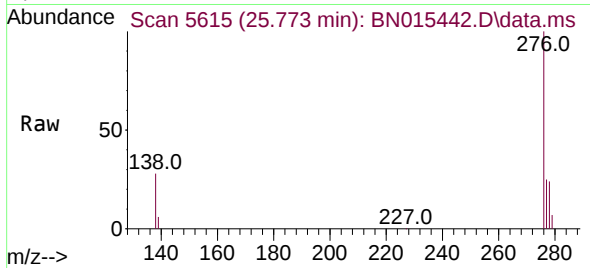
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.640 ng/ul
RT: 25.773 min Scan# 5615
Delta R.T. -0.004 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45

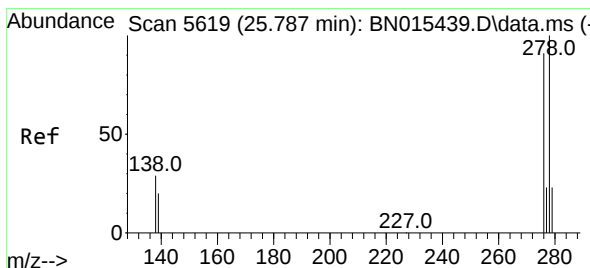
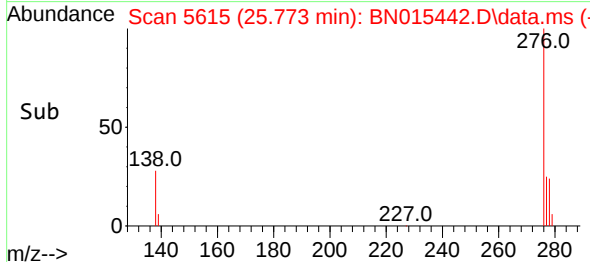
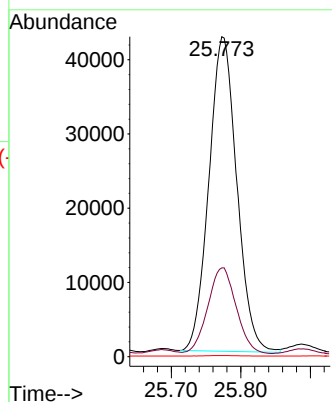
Instrument :
BNA_N
ClientSampled :
BGDS3



Tgt Ion:276 Resp: 118035
Ion Ratio Lower Upper
276 100
138 28.1 26.3 39.5
227 0.2 0.1 0.1#

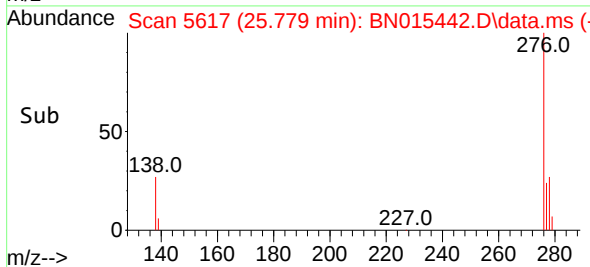
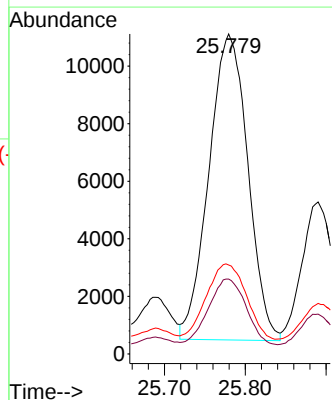
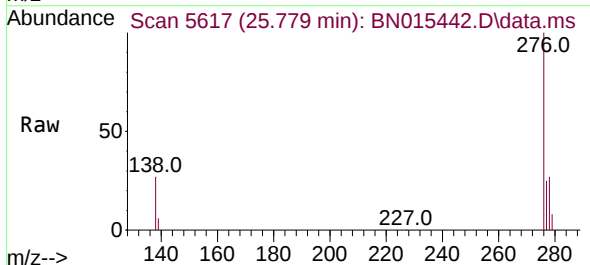
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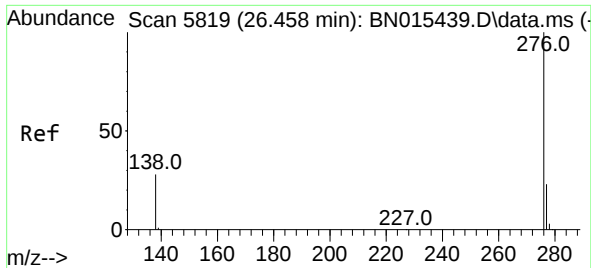
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#28
Dibenzo(a,h)anthracene
Concen: 1.400 ng/ul
RT: 25.779 min Scan# 5617
Delta R.T. -0.010 min
Lab File: BN015442.D
Acq: 09 Jul 2021 12:45

Tgt Ion:278 Resp: 35602
Ion Ratio Lower Upper
278 100
139 23.4 18.9 28.3
279 27.8 20.8 31.2





#29

Benzo(g,h,i)perylene

Concen: 0.347 ng/ul

RT: 26.464 min Scan# 5821

Delta R.T. -0.000 min

Lab File: BN015442.D

Acq: 09 Jul 2021 12:45

Tgt Ion: 276 Resp: 10428

Ion Ratio Lower Upper

276 100

138 32.6 23.0 34.4

277 29.6 19.3 28.9#

Instrument :

BNA_N

ClientSampleId :

BGDS3

Manual Integrations

APPROVED

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