

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123022\
 Data File : BN023528.D
 Acq On : 30 Dec 2022 11:33
 Operator : CG/JU
 Sample : PB149945BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK948

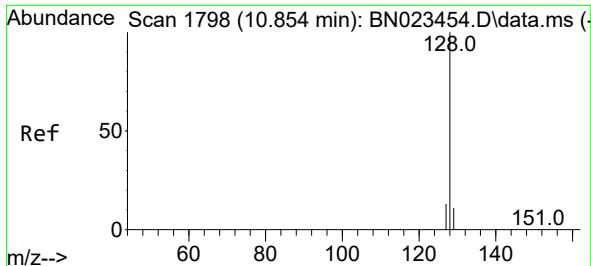
Quant Time: Dec 30 21:55:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 21:52:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	4949	0.400	ng/ul	0.00
4) Naphthalene-d8	10.793	136	13992	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	7146	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	14102	0.400	ng/ul	0.00
17) Chrysene-d12	21.557	240	7573	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	5545	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	3479	0.647	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.383	152	6522	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.397	212	12083	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.848	128	44	0.001	ng/ul#	1
7) 2-Methylnaphthalene	12.454	142	33	0.001	ng/ul	89
8) 1-Methylnaphthalene	12.669	142	39	0.001	ng/ul#	76
10) Acenaphthylene	14.345	152	11	0.000	ng/ul#	1
11) Acenaphthene	14.682	153	15	0.001	ng/ul#	69
12) Fluorene	15.672	166	21	0.001	ng/ul#	56
14) Pentachlorophenol	17.027	266	9	0.002	ng/ul#	80
15) Phenanthrene	17.416	178	99	0.002	ng/ul#	1
16) Anthracene	17.508	178	114	0.003	ng/ul#	1
19) Fluoranthene	19.430	202	350	0.010	ng/ul#	49
20) Pyrene	19.792	202	368	0.010	ng/ul#	54
21) Benzo(a)anthracene	21.540	228	383	0.013	ng/ul#	72
22) Chrysene	21.595	228	459	0.015	ng/ul#	79
24) Benzo(b)fluoranthene	23.250	252	419	0.015	ng/ul#	1
25) Benzo(k)fluoranthene	23.297	252	327	0.012	ng/ul#	1
26) Benzo(a)pyrene	23.884	252	290	0.013	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.543	276	382	0.014	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.557	278	320	0.016	ng/ul#	1
29) Benzo(g,h,i)perylene	27.328	276	381	0.018	ng/ul#	19

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

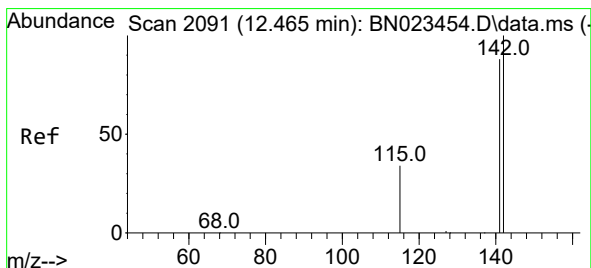
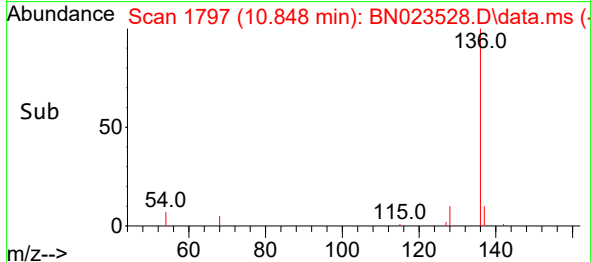
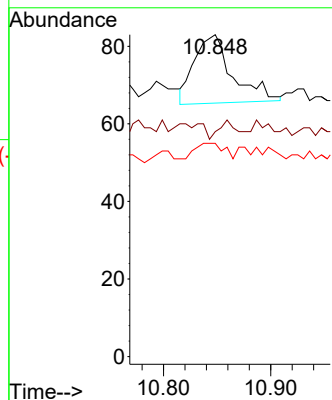
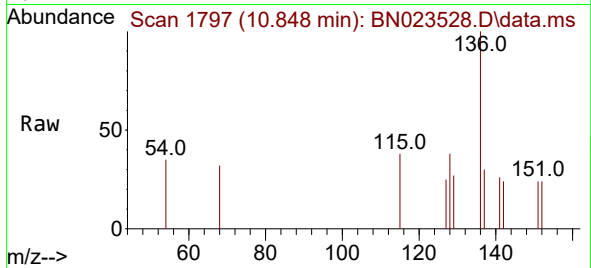
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Data File : BN023528.D
Acq On : 30 Dec 2022 11:33
Operator : CG/JU
Sample : PB149945BL
Misc :
ALS Vial : 3 Sample Multiplier: 1



#5
Naphthalene
Concen: 0.001 ng/ul
RT: 10.848 min Scan# 1797
Delta R.T. 0.011 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

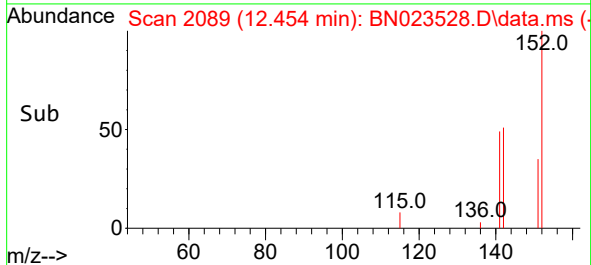
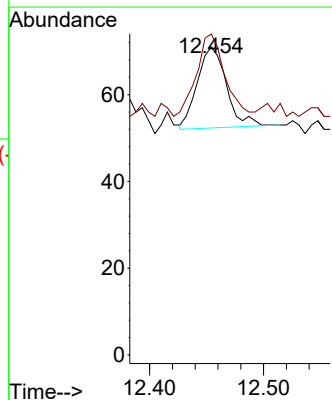
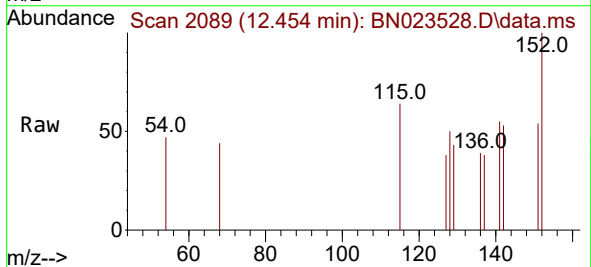
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BNA_N
ClientSampleId :
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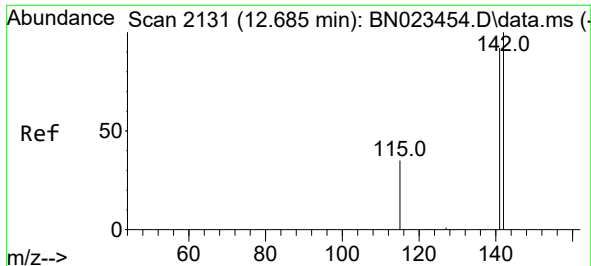
Tgt Ion:128 Resp: 44
Ion Ratio Lower Upper
128 100
129 69.9 9.0 13.4#
127 66.3 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.454 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

Tgt Ion:142 Resp: 33
Ion Ratio Lower Upper
142 100
141 100.0 71.4 107.2

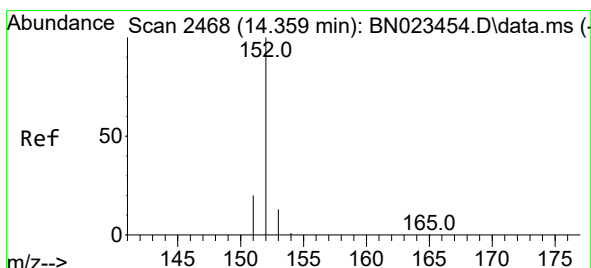
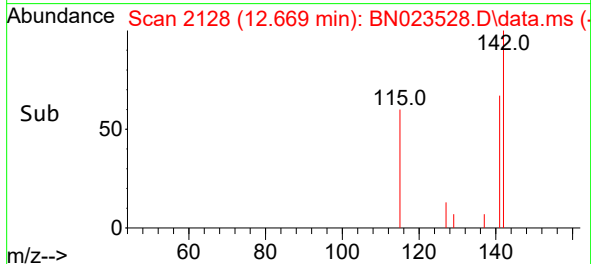
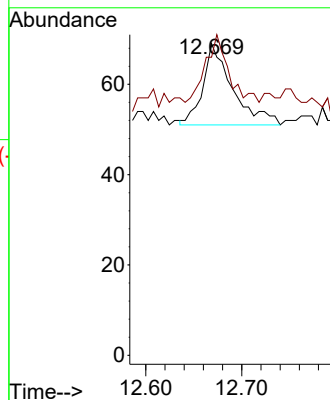
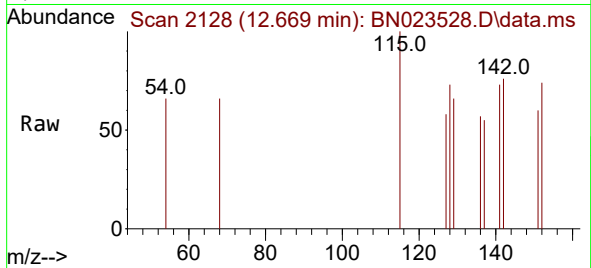




#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.669 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

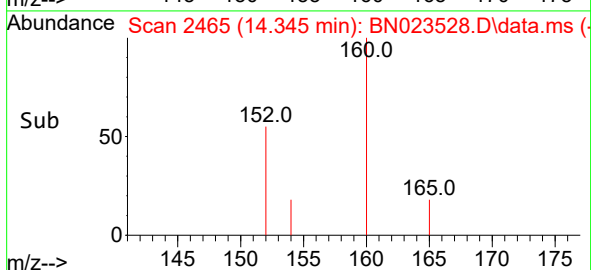
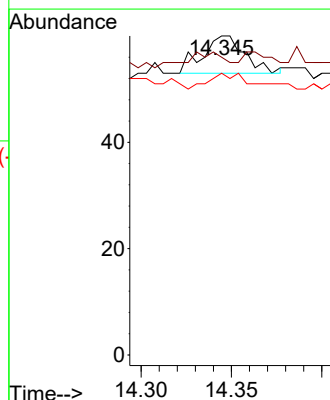
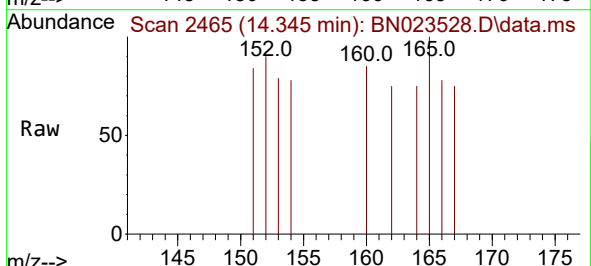
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BNA_N
ClientSampleId :
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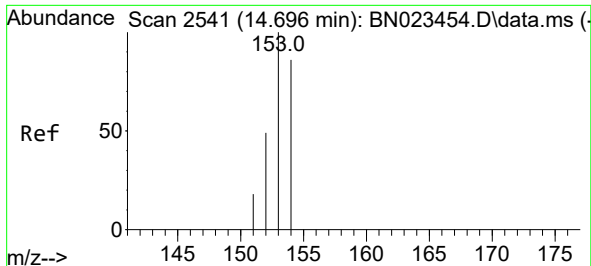
Tgt Ion:142 Resp: 39
Ion Ratio Lower Upper
142 100
141 69.2 74.0 111.0#



#10
Acenaphthylene
Concen: 0.000 ng/ul
RT: 14.345 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

Tgt Ion:152 Resp: 11
Ion Ratio Lower Upper
152 100
151 93.3 16.1 24.1#
153 88.3 10.9 16.3#

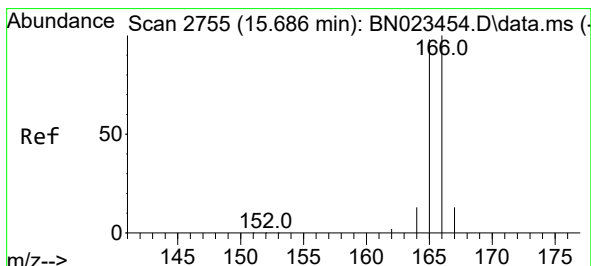
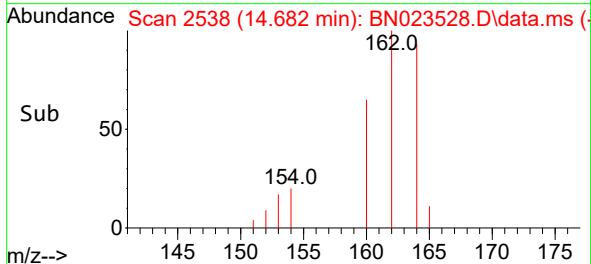
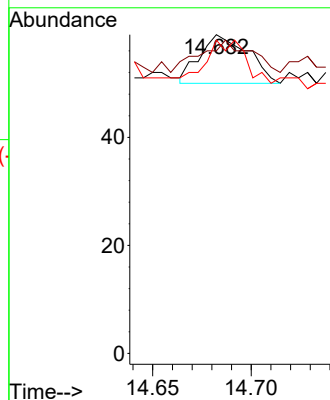
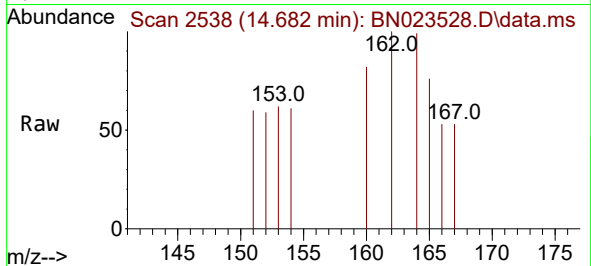




#11
Acenaphthene
Concen: 0.001 ng/ul
RT: 14.682 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

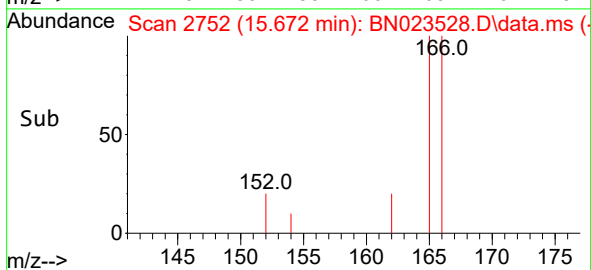
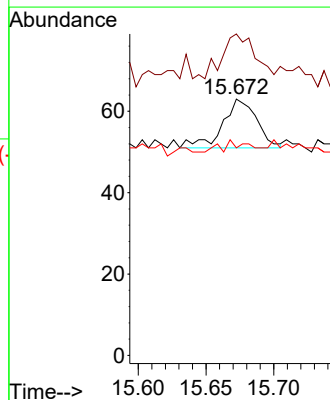
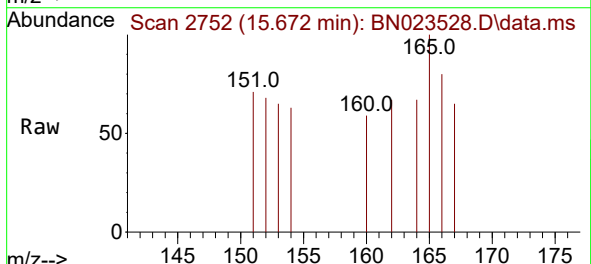
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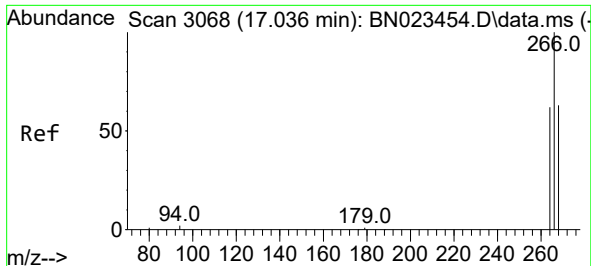
Tgt Ion:153 Resp: 15
Ion Ratio Lower Upper
153 100
152 94.9 41.0 61.4#
154 98.3 69.5 104.3



#12
Fluorene
Concen: 0.001 ng/ul
RT: 15.672 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

Tgt Ion:166 Resp: 21
Ion Ratio Lower Upper
166 100
165 125.4 79.1 118.7#
167 81.0 11.0 16.4#

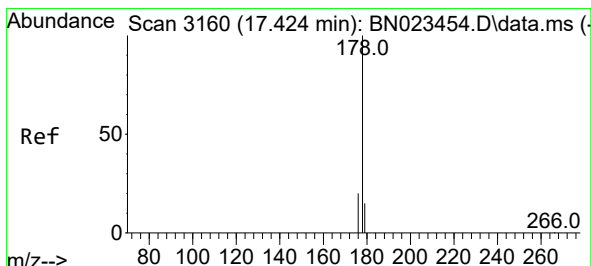
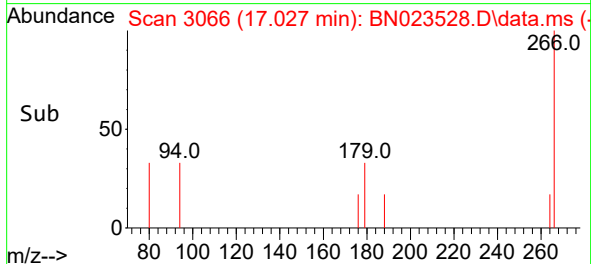
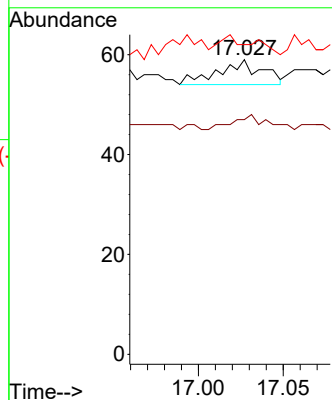
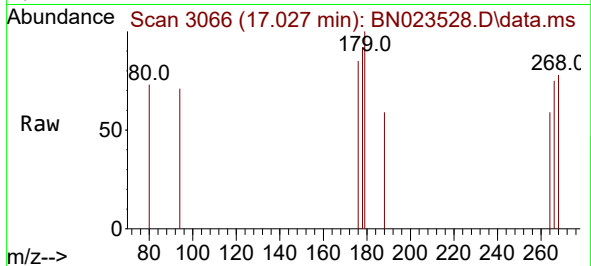




#14
 Pentachlorophenol
 Concen: 0.002 ng/ul
 RT: 17.027 min Scan# 3066
 Delta R.T. 0.004 min
 Lab File: BN023528.D
 Acq: 30 Dec 2022 11:33

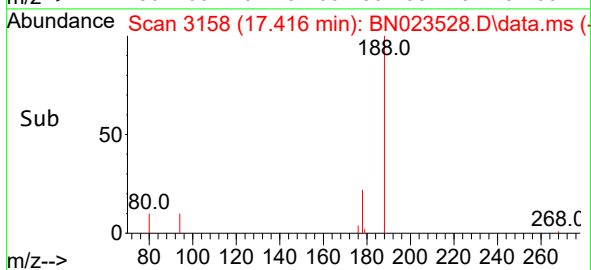
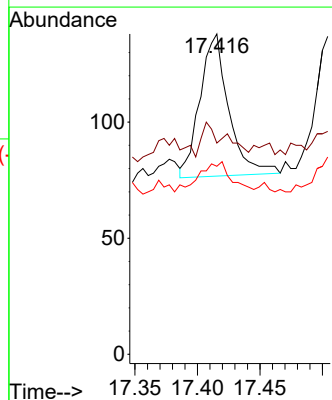
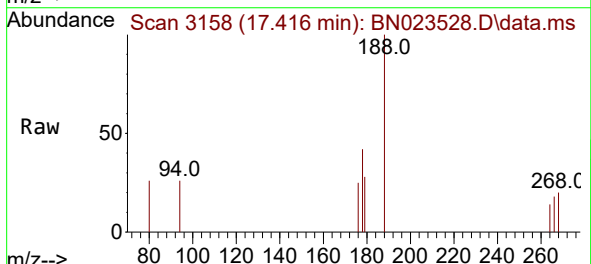
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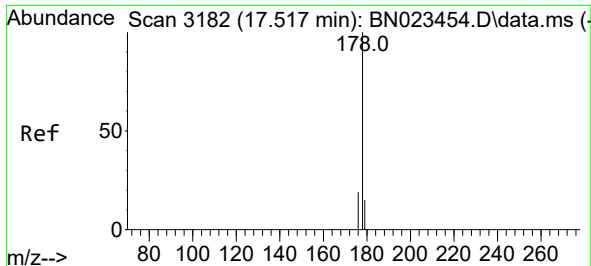
Tgt Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 44.4 49.8 74.6#
 268 77.8 51.4 77.0#



#15
 Phenanthrene
 Concen: 0.002 ng/ul
 RT: 17.416 min Scan# 3158
 Delta R.T. 0.004 min
 Lab File: BN023528.D
 Acq: 30 Dec 2022 11:33

Tgt Ion:178 Resp: 99
 Ion Ratio Lower Upper
 178 100
 179 65.9 12.5 18.7#
 176 58.7 15.7 23.5#

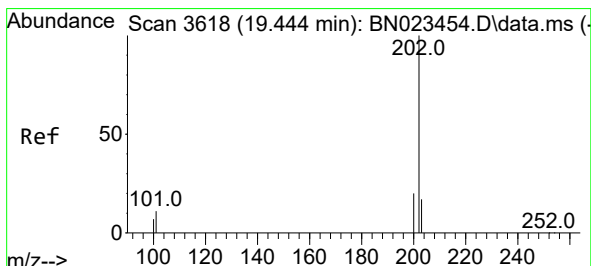
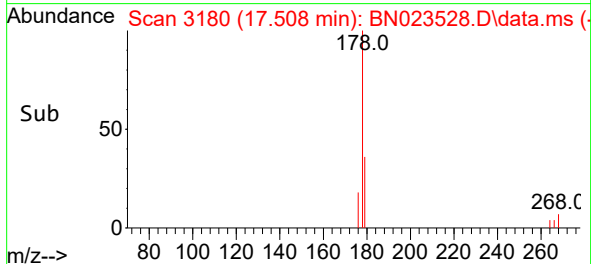
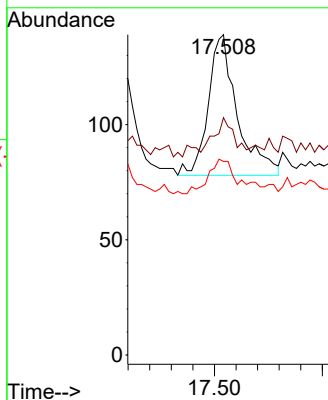
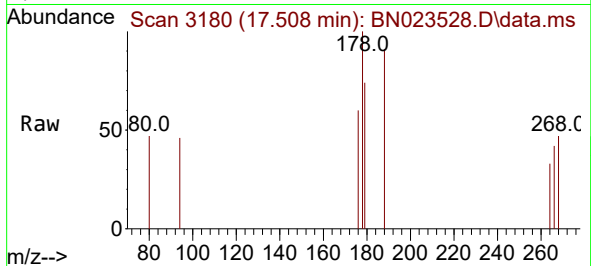




#16
 Anthracene
 Concen: 0.003 ng/ul
 RT: 17.508 min Scan# 3182
 Delta R.T. 0.004 min
 Lab File: BN023528.D
 Acq: 30 Dec 2022 11:33

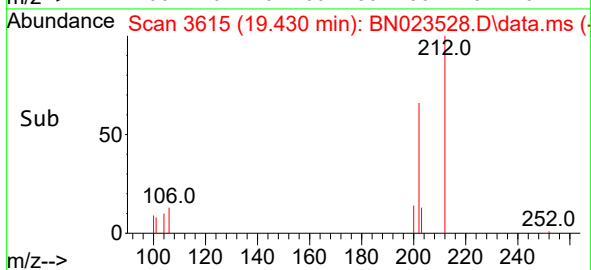
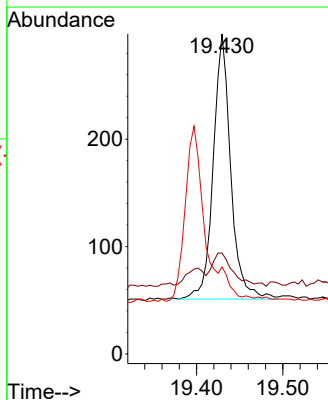
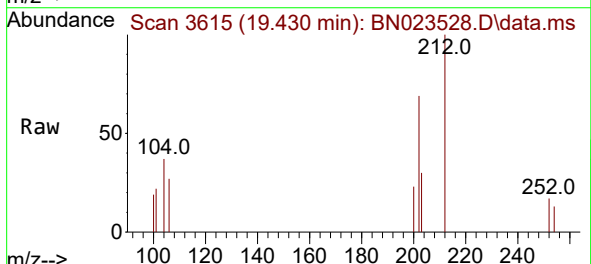
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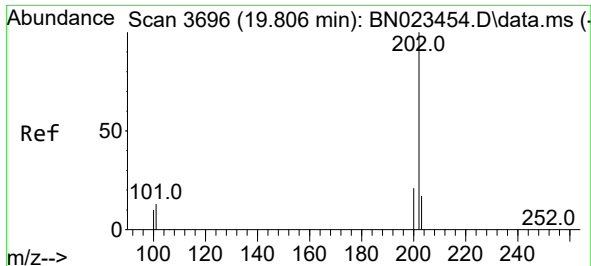
Tgt Ion:178 Resp: 114
 Ion Ratio Lower Upper
 178 100
 179 74.1 12.6 18.8#
 176 60.4 15.4 23.0#



#19
 Fluoranthene
 Concen: 0.010 ng/ul
 RT: 19.430 min Scan# 3615
 Delta R.T. 0.000 min
 Lab File: BN023528.D
 Acq: 30 Dec 2022 11:33

Tgt Ion:202 Resp: 350
 Ion Ratio Lower Upper
 202 100
 101 31.5 9.4 14.2#
 100 27.2 7.0 10.6#

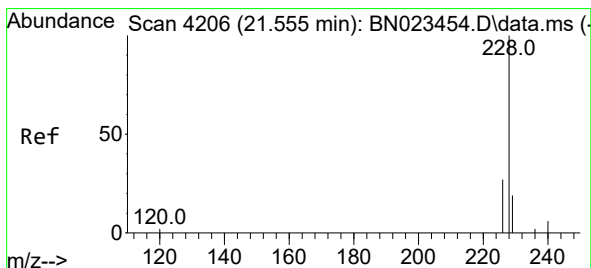
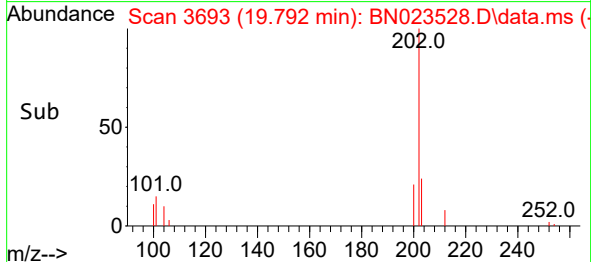
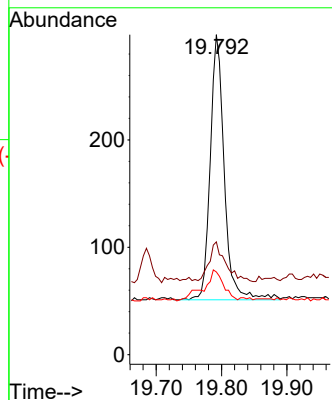
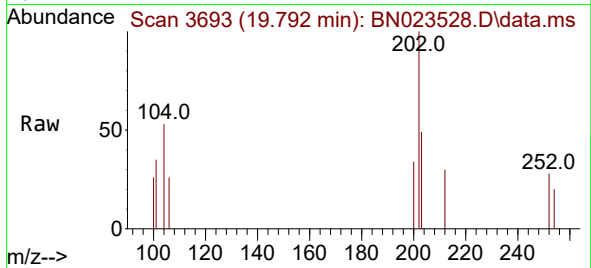




#20
Pyrene
Concen: 0.010 ng/ul
RT: 19.792 min Scan# 3693
Delta R.T. 0.000 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

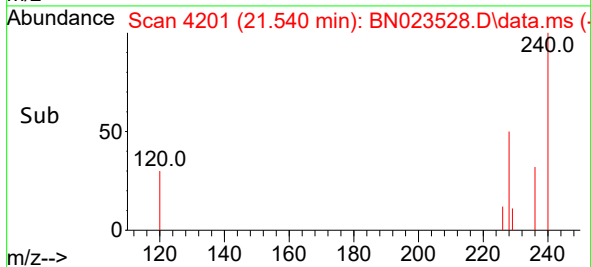
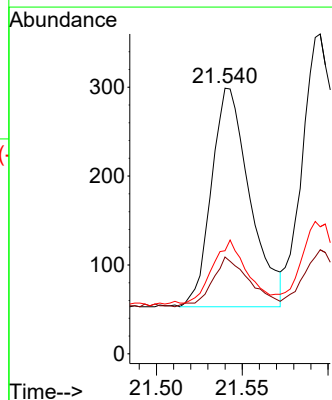
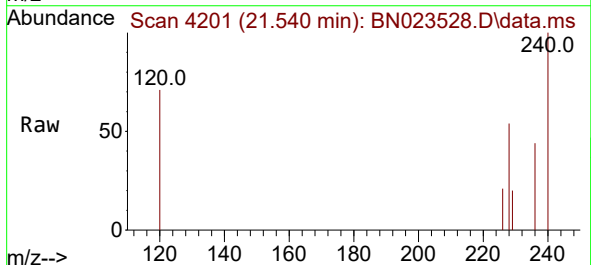
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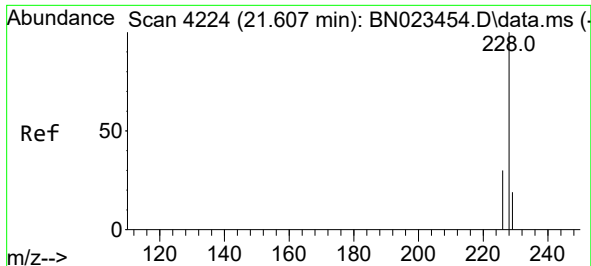
Tgt Ion:202 Resp: 368
Ion Ratio Lower Upper
202 100
101 35.2 11.3 16.9#
100 25.8 9.0 13.4#



#21
Benzo(a)anthracene
Concen: 0.013 ng/ul
RT: 21.540 min Scan# 4201
Delta R.T. 0.000 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

Tgt Ion:228 Resp: 383
Ion Ratio Lower Upper
228 100
229 36.5 15.6 23.4#
226 38.8 22.2 33.2#





#22

Chrysene

Concen: 0.015 ng/ul

RT: 21.595 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN023528.D

Acq: 30 Dec 2022 11:33

Instrument :

BNA_N

ClientSampleId :

SBLK948

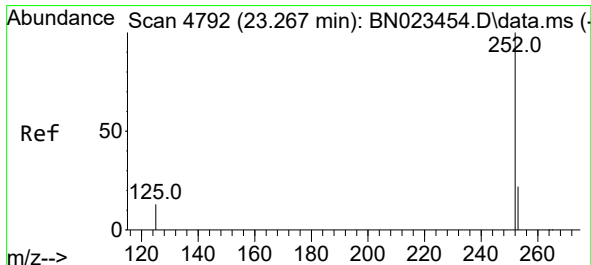
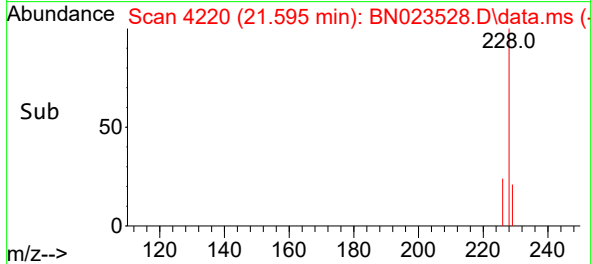
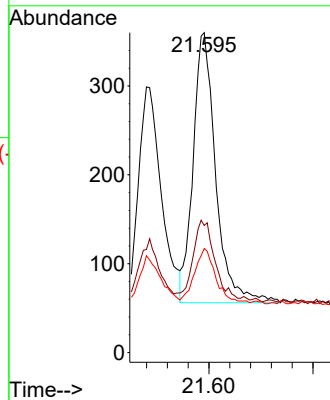
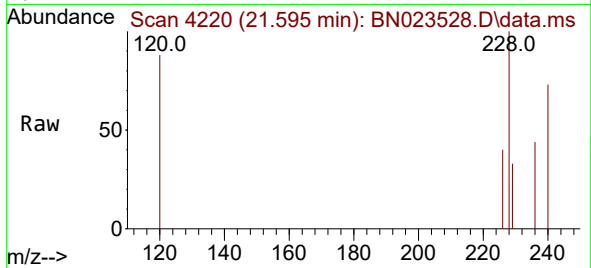
Tgt Ion:228 Resp: 459

Ion Ratio Lower Upper

228 100

226 39.7 24.3 36.5#

229 32.5 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.015 ng/ul

RT: 23.250 min Scan# 4786

Delta R.T. 0.006 min

Lab File: BN023528.D

Acq: 30 Dec 2022 11:33

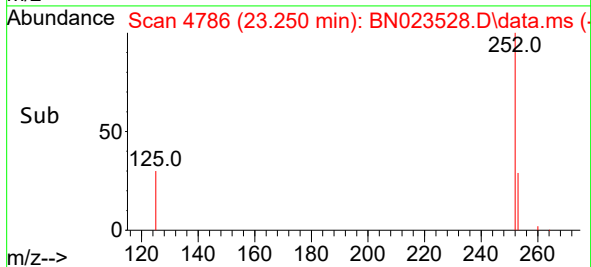
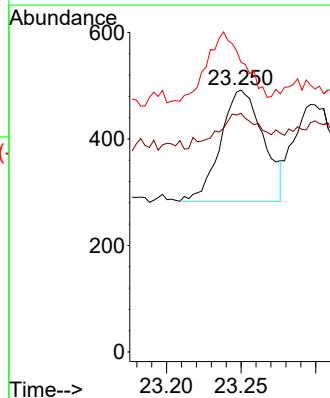
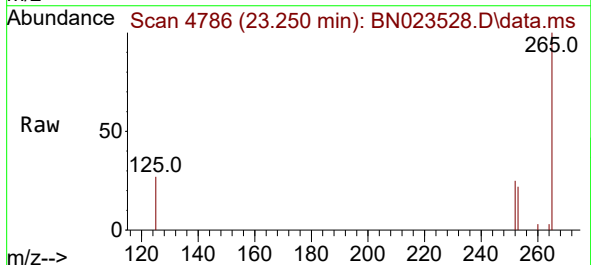
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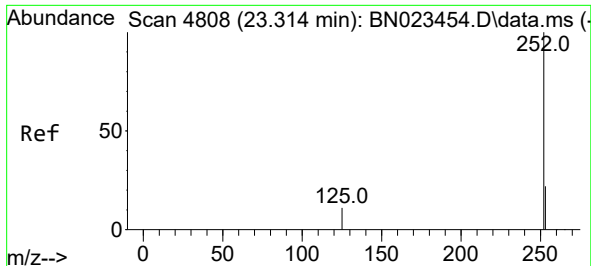
Ion Ratio Lower Upper

252 100

253 91.1 0.0 49.2#

125 110.6 0.0 31.8#

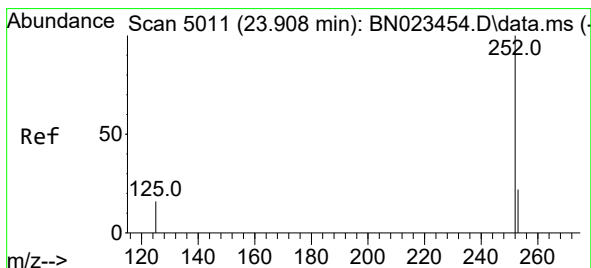
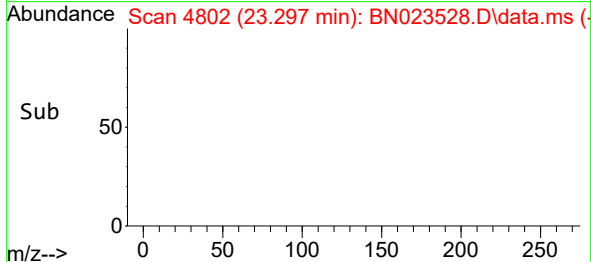
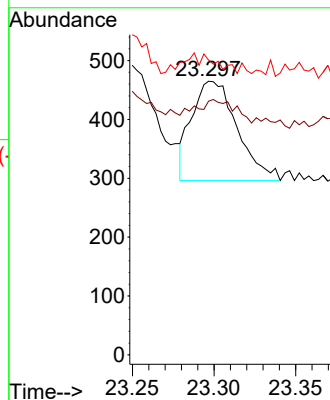
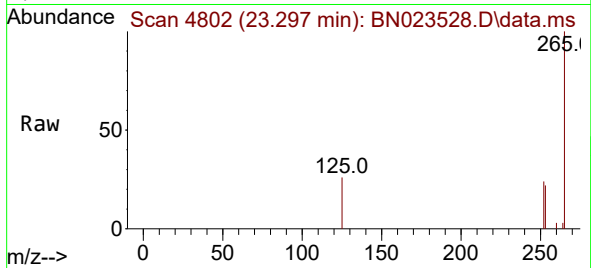




#25
Benzo(k)fluoranthene
Concen: 0.012 ng/ul
RT: 23.297 min Scan# 4802
Delta R.T. 0.003 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

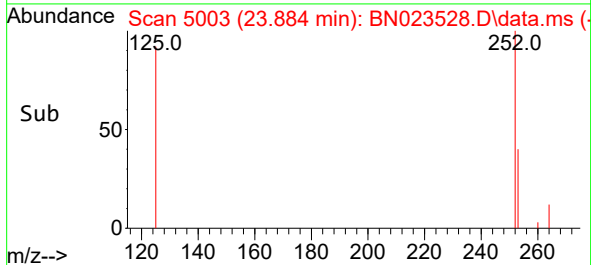
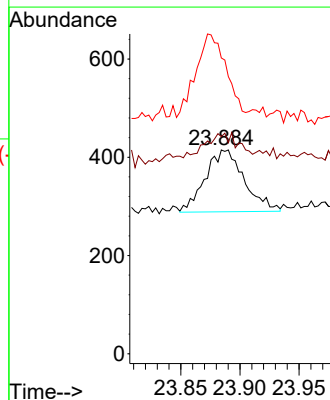
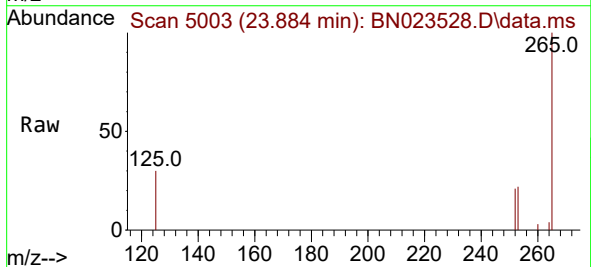
Instrument :
BNA_N
ClientSampleId :
SBLK948

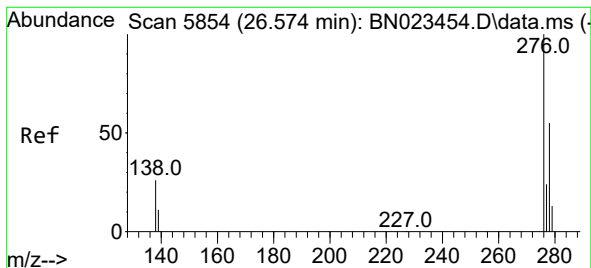
Tgt Ion:252 Resp: 327
Ion Ratio Lower Upper
252 100
253 92.7 19.8 29.6#
125 107.7 12.6 18.8#



#26
Benzo(a)pyrene
Concen: 0.013 ng/ul
RT: 23.884 min Scan# 5003
Delta R.T. 0.003 min
Lab File: BN023528.D
Acq: 30 Dec 2022 11:33

Tgt Ion:252 Resp: 290
Ion Ratio Lower Upper
252 100
253 106.5 21.4 32.2#
125 145.1 16.2 24.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.014 ng/ul

RT: 26.543 min Scan# 5845

Delta R.T. 0.010 min

Lab File: BN023528.D

Acq: 30 Dec 2022 11:33

Instrument :

BNA_N

ClientSampleId :

SBLK948

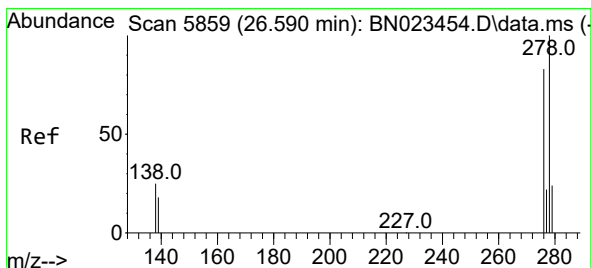
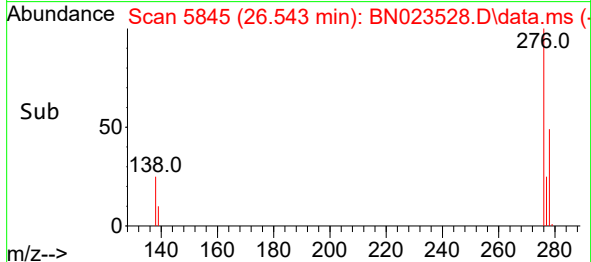
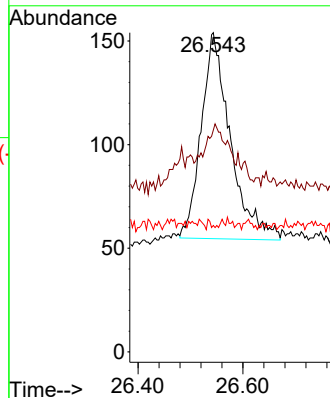
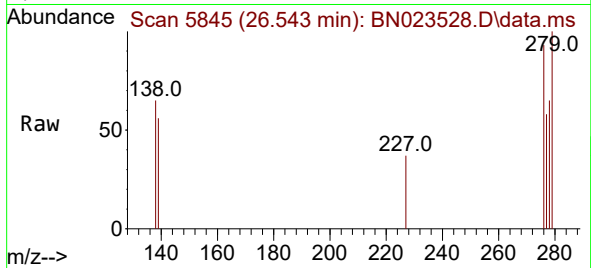
Tgt Ion:276 Resp: 382

Ion Ratio Lower Upper

276 100

138 32.7 23.4 35.2

227 0.8 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.016 ng/ul

RT: 26.557 min Scan# 5849

Delta R.T. 0.000 min

Lab File: BN023528.D

Acq: 30 Dec 2022 11:33

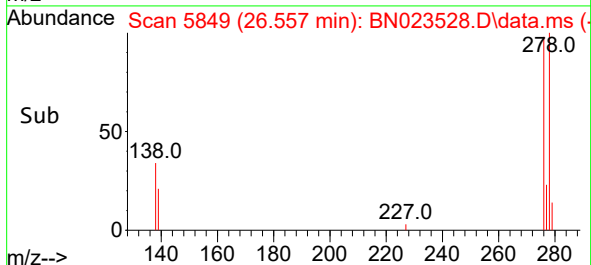
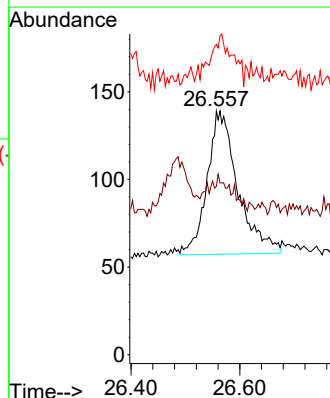
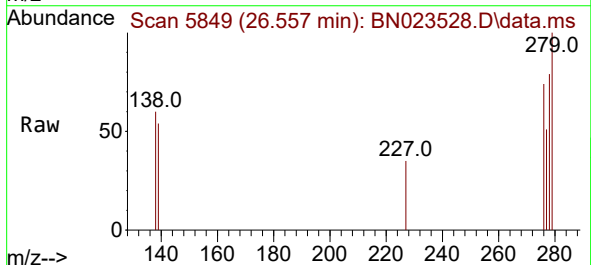
Tgt Ion:278 Resp: 320

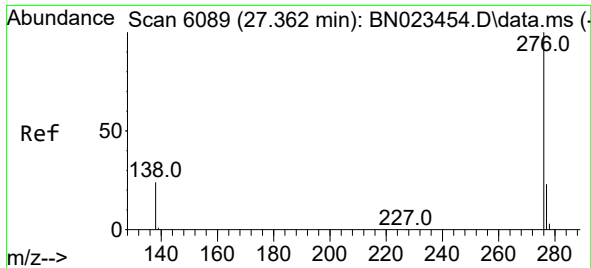
Ion Ratio Lower Upper

278 100

139 69.1 16.6 24.8#

279 127.3 21.3 31.9#





#29

Benzo(g,h,i)perylene

Concen: 0.018 ng/ul

RT: 27.328 min Scan# 60

Delta R.T. 0.013 min

Lab File: BN023528.D

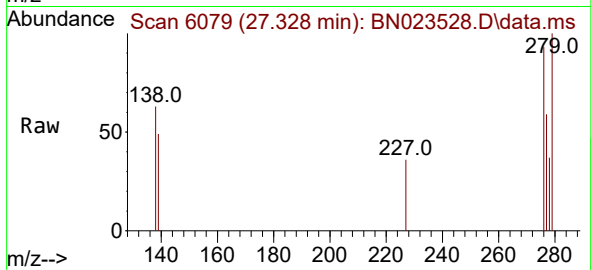
Acq: 30 Dec 2022 11:33

Instrument :

BNA_N

ClientSampleId :

SBLK948



Tgt Ion:276 Resp: 381

Ion Ratio Lower Upper

276 100

138 68.4 20.3 30.5#

277 63.2 19.7 29.5#

