

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
 Data File : BN022464.D
 Acq On : 02 Nov 2022 14:10
 Operator : CG/JU
 Sample : N5234-09DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-07-00-20DL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :mohammad ahmed 11/07/2022

Quant Time: Nov 02 15:15:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:31:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	2865	0.400	ng	0.00
7) Naphthalene-d8	10.752	136	10679	0.400	ng	# 0.00
13) Acenaphthene-d10	14.600	164	5150	0.400	ng	0.01
19) Phenanthrene-d10	17.350	188	9838	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	8378	0.400	ng	# 0.00
35) Perylene-d12	24.002	264	8173	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	1082	0.142	ng	0.00
5) Phenol-d6	7.097	99	2269	0.237	ng	0.00
8) Nitrobenzene-d5	9.065	82	6413	0.694	ng	-0.04
11) 2-Methylnaphthalene-d10	12.345	152	1995	0.119	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	193	0.087	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	2357	0.107	ng	0.00
27) Fluoranthene-d10	19.386	212	2820	0.104	ng	0.00
31) Terphenyl-d14	19.985	244	2452	0.112	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.795	128	86466	2.708	ng	97
16) Acenaphthylene	14.311	152	963	0.039	ng	# 55
25) Phenanthrene	17.387	178	5123m	0.152	ng	
28) Fluoranthene	19.420	202	2511	0.069	ng	# 89
30) Pyrene	19.782	202	8143	0.211	ng	# 78
32) Benzo(a)anthracene	21.537	228	2384m	0.072	ng	
33) Chrysene	21.591	228	8518	0.247	ng	# 46
37) Benzo(b)fluoranthene	23.248	252	4542m	0.121	ng	
39) Benzo(a)pyrene	23.888	252	2846m	0.093	ng	
41) Benzo(g,h,i)perylene	27.364	276	4334	0.130	ng	# 40

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

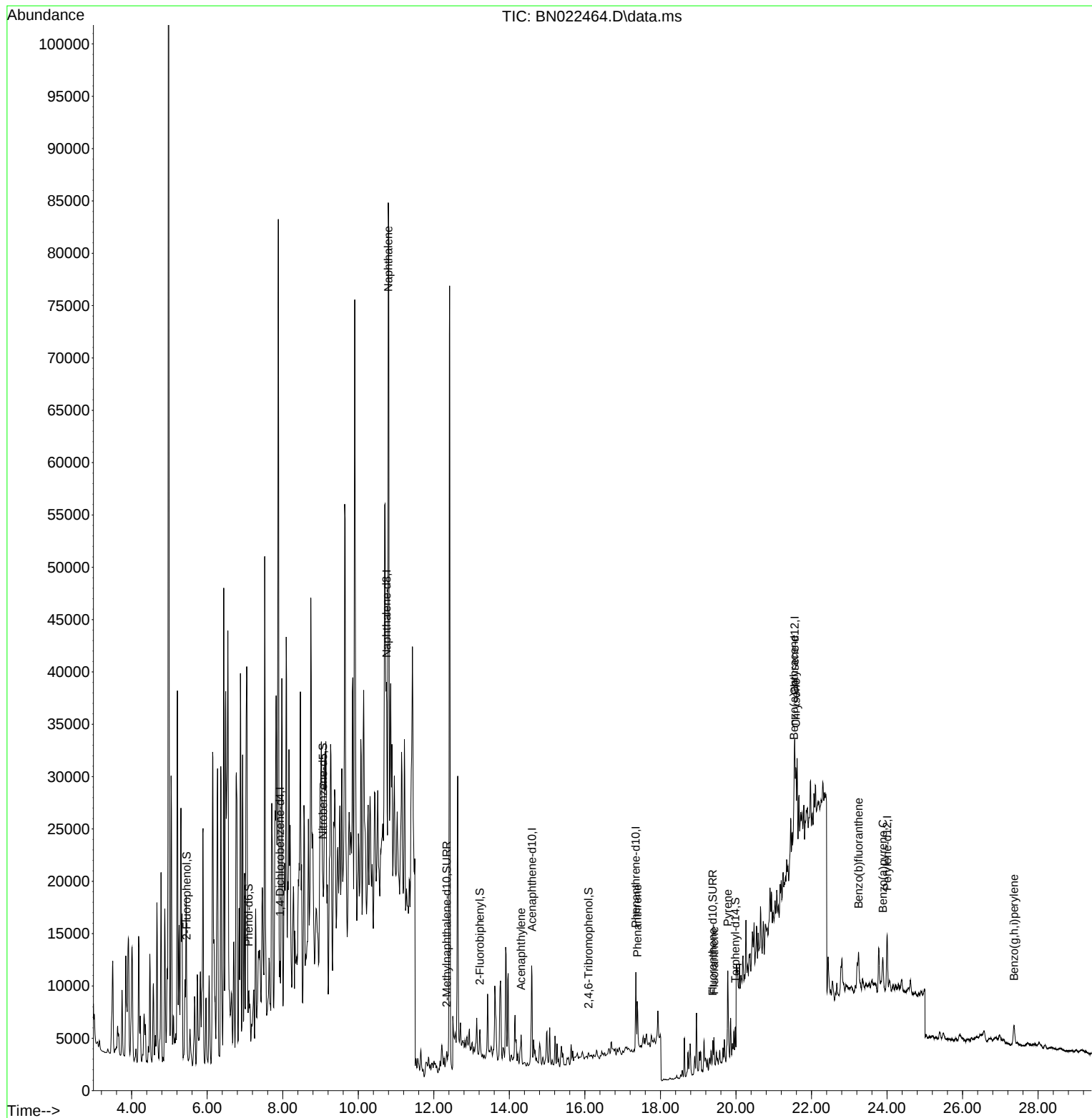
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
Data File : BN022464.D
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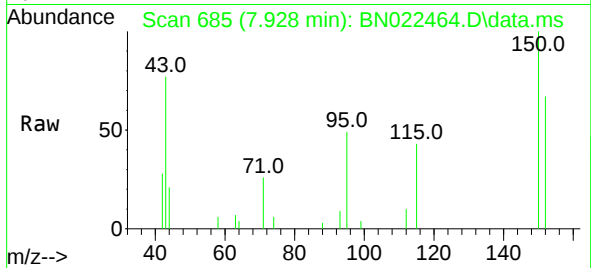
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

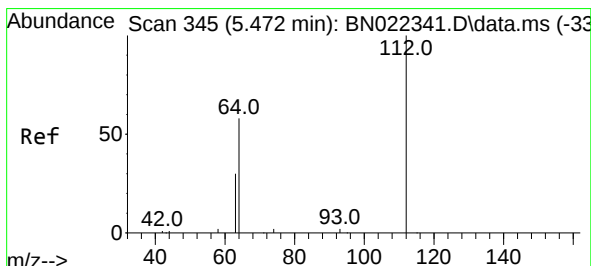
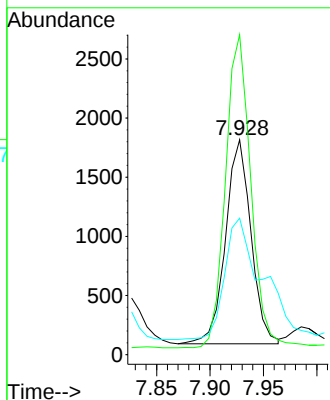
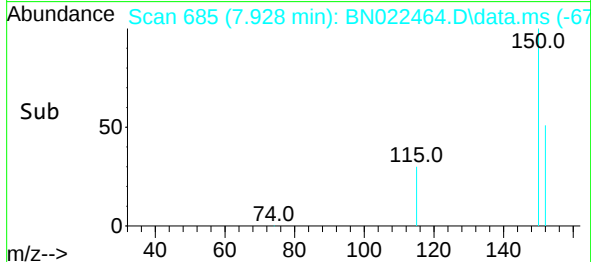
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20DL



Tgt Ion:152 Resp: 286
Ion Ratio Lower Upper
152 100
150 148.9 125.2 187.8
115 63.5 52.0 78.0

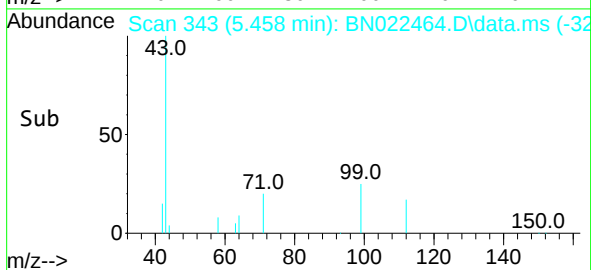
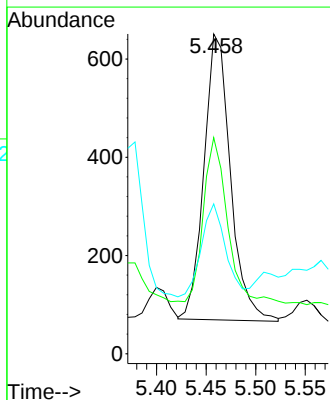
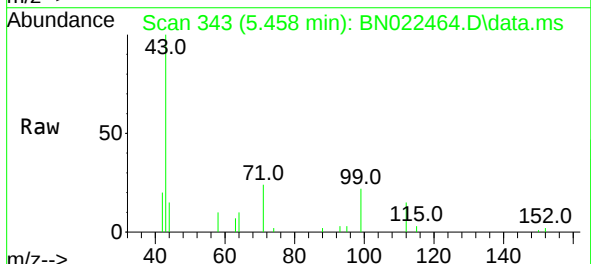
Manual Integrations
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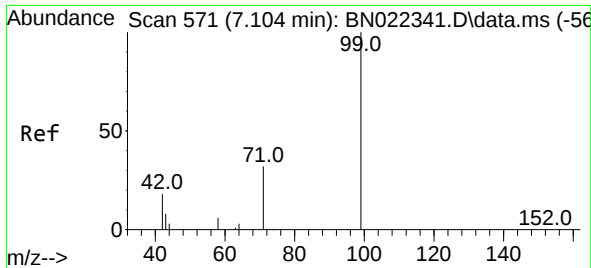
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.458 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

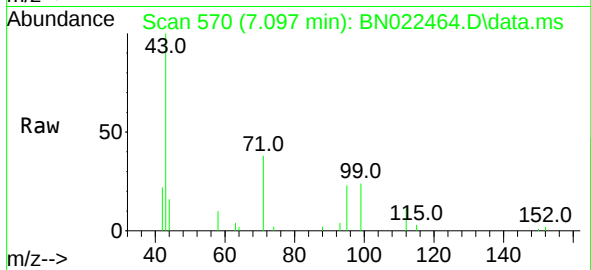
Tgt Ion:112 Resp: 1082
Ion Ratio Lower Upper
112 100
64 54.1 47.0 70.4
63 29.5 24.5 36.7





#5
Phenol-d6
Concen: 0.237 ng
RT: 7.097 min Scan# 571
Delta R.T. 0.007 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

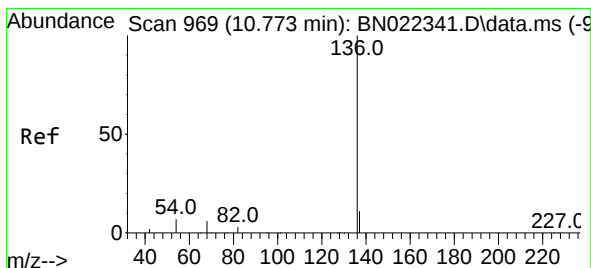
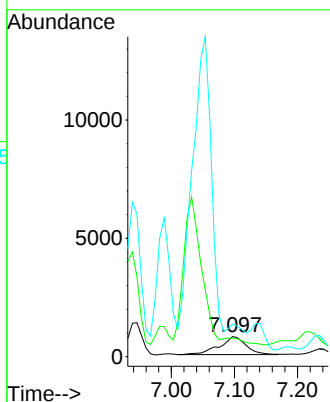
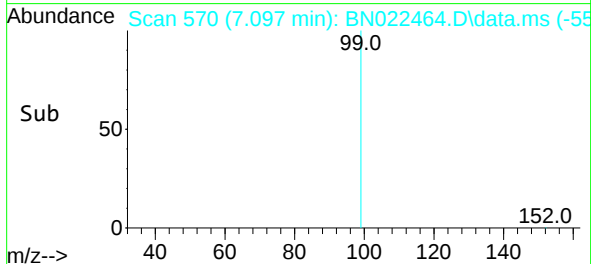
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20DL



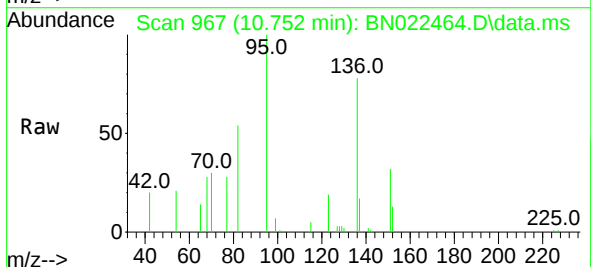
Tgt Ion: 99 Resp: 2269
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 0.0 26.1 39.1#

Manual Integrations
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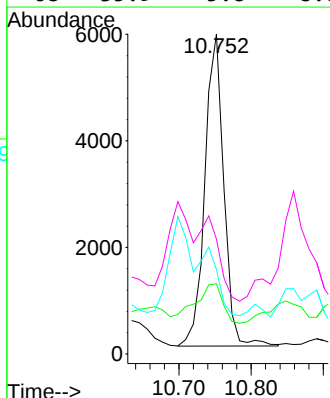
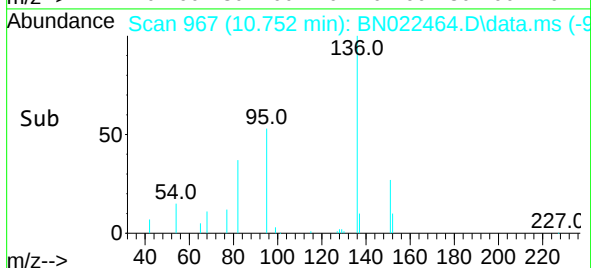
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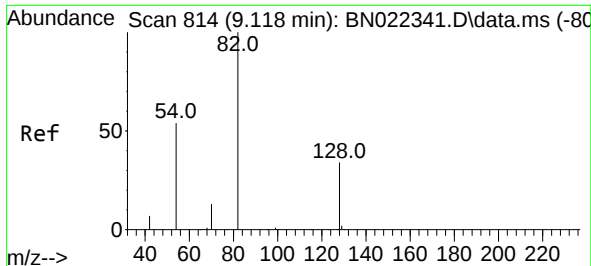


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10



Tgt Ion:136 Resp: 10679
Ion Ratio Lower Upper
136 100
137 22.0 9.4 14.2#
54 26.4 6.5 9.7#
68 35.9 5.8 8.8#





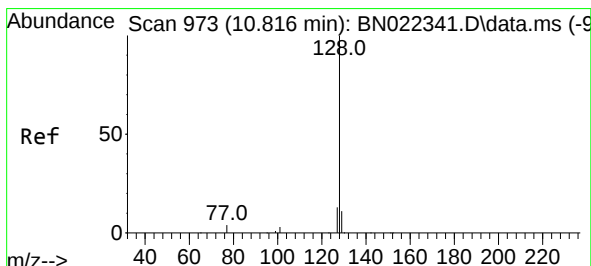
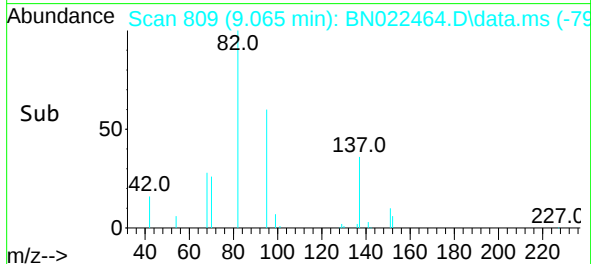
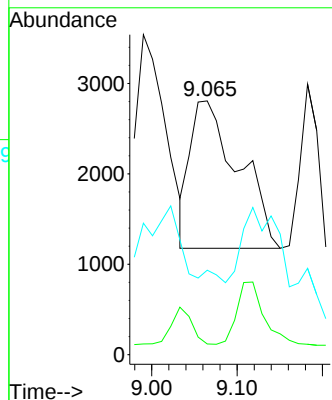
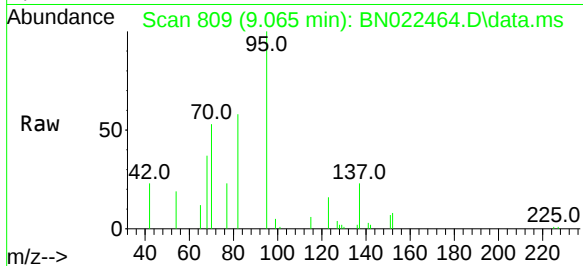
#8
Nitrobenzene-d5
Concen: 0.694 ng
RT: 9.065 min Scan# 809
Delta R.T. -0.043 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20DL

Tgt Ion: 82 Resp: 641
Ion Ratio Lower Upper
82 100
128 4.2 30.5 45.7
54 33.3 45.2 67.8

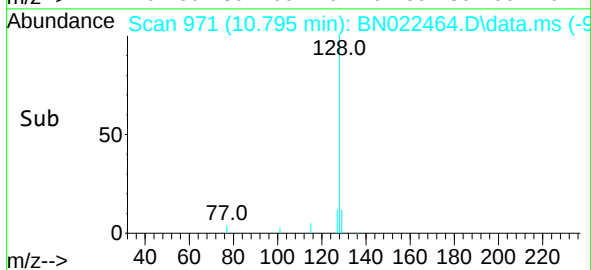
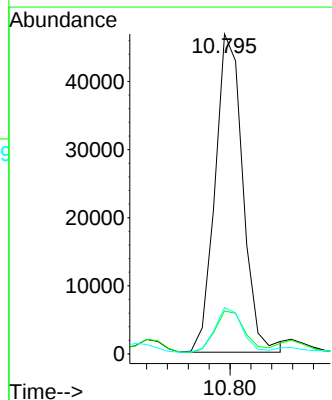
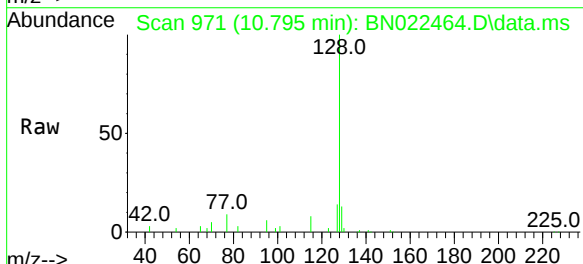
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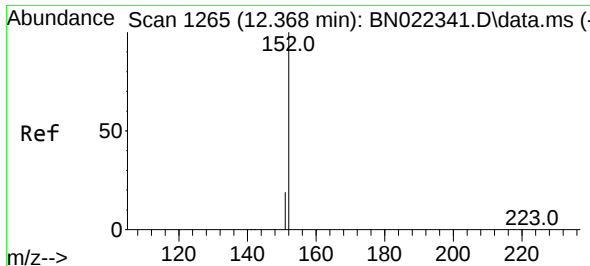
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#9
Naphthalene
Concen: 2.708 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

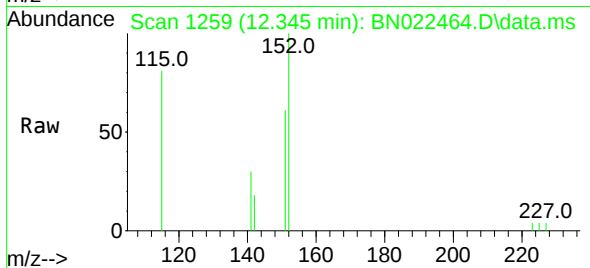
Tgt Ion:128 Resp: 86466
Ion Ratio Lower Upper
128 100
129 13.4 9.4 14.2
127 14.5 11.0 16.6





#11
2-Methylnaphthalene-d10
Concen: 0.119 ng
RT: 12.345 min Scan# 1259
Delta R.T. -0.004 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

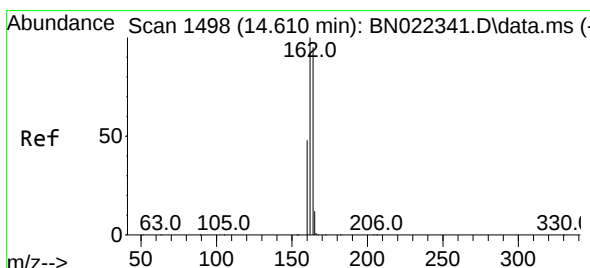
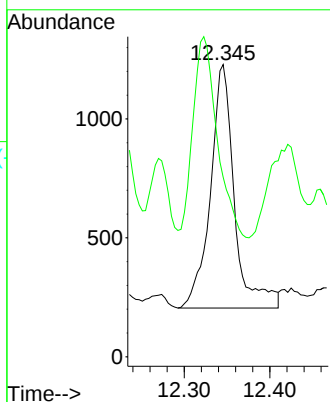
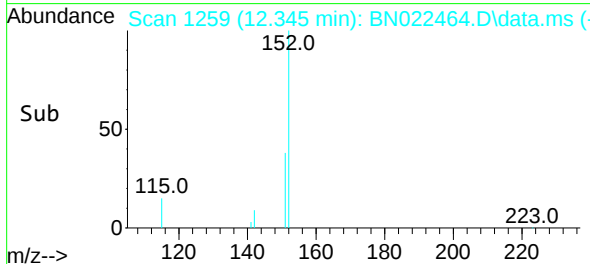
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20DL



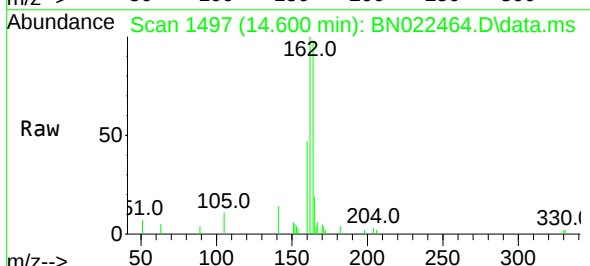
Tgt Ion:152 Resp: 199
Ion Ratio Lower Upper
152 100
151 0.0 16.7 25.1

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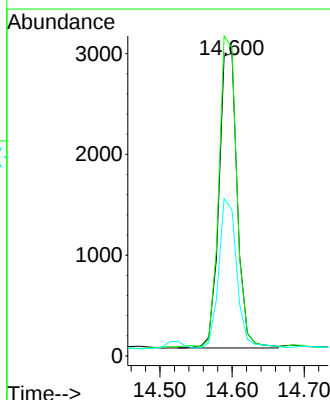
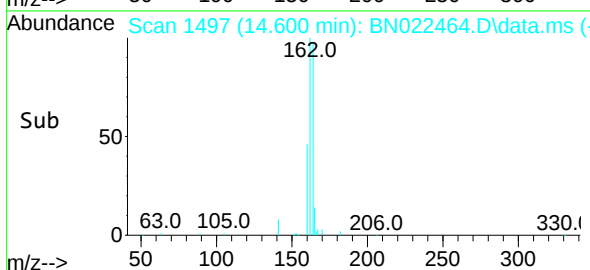
Reviewed By :Christian Giraldo 11/03/2022
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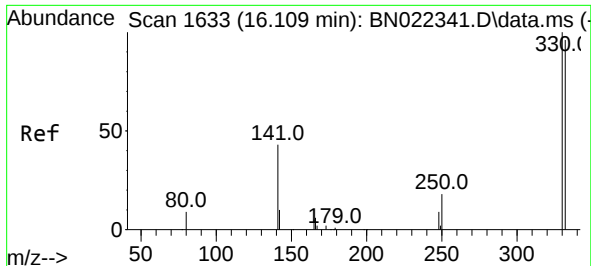


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.600 min Scan# 1497
Delta R.T. 0.011 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10



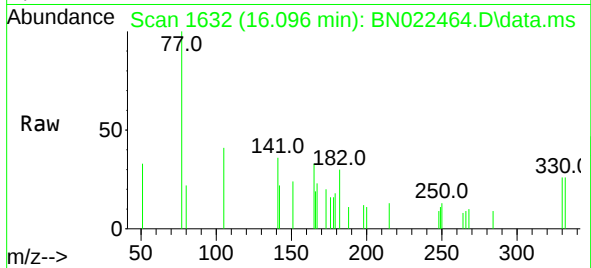
Tgt Ion:164 Resp: 5150
Ion Ratio Lower Upper
164 100
162 101.8 83.9 125.9
160 48.3 41.0 61.4





#14
2,4,6-Tribromophenol
Concen: 0.087 ng
RT: 16.096 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

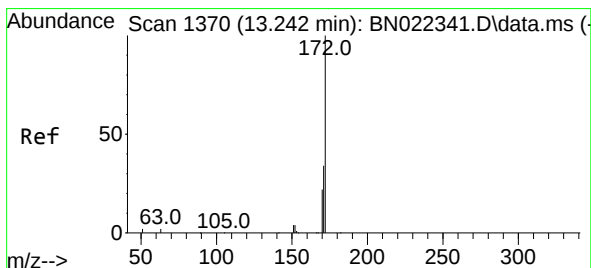
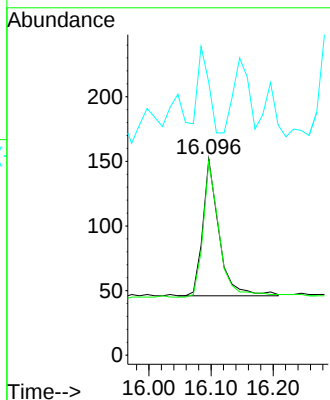
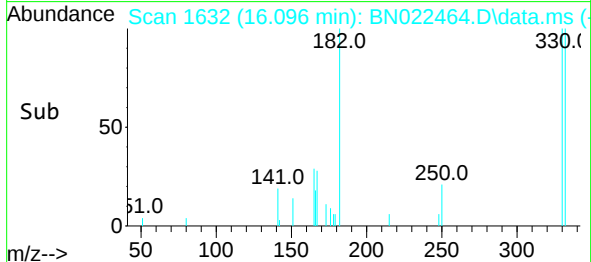
Instrument :
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LSP-SS-07-00-20DL



Tgt Ion:330 Resp: 19
Ion Ratio Lower Upper
330 100
332 98.4 78.6 118.0
141 40.9 40.2 60.4

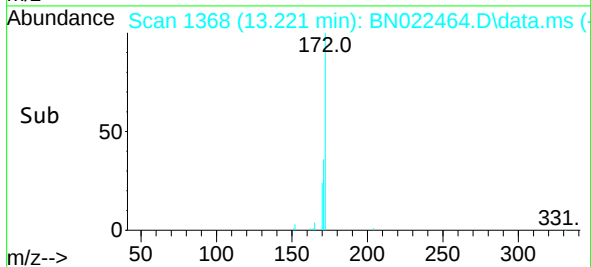
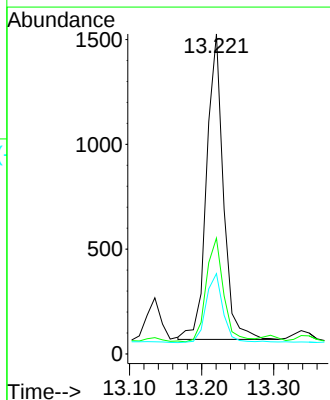
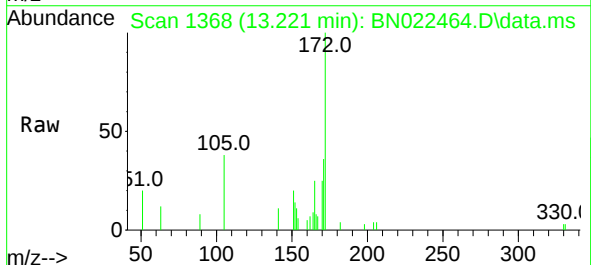
Manual Integrations
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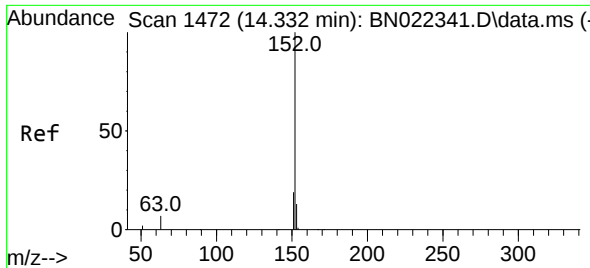
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#15
2-Fluorobiphenyl
Concen: 0.107 ng
RT: 13.221 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

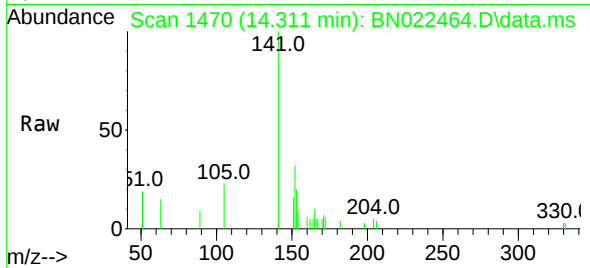
Tgt Ion:172 Resp: 2357
Ion Ratio Lower Upper
172 100
171 36.2 27.4 41.0
170 25.1 18.5 27.7





#16
Acenaphthylene
Concen: 0.039 ng
RT: 14.311 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

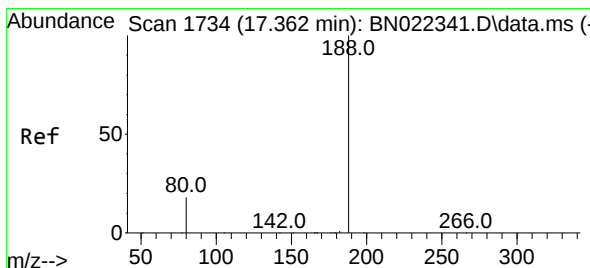
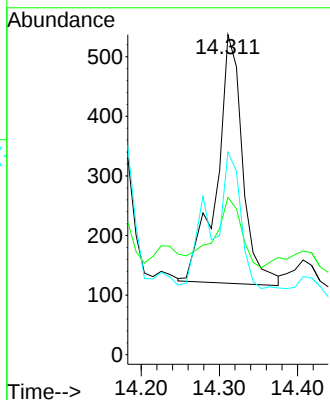
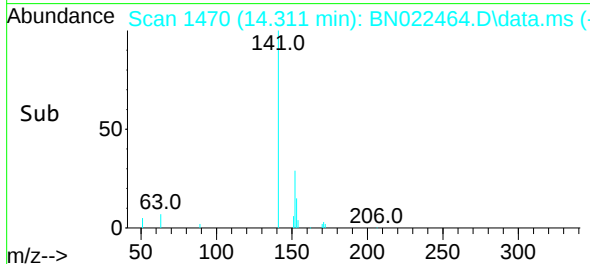
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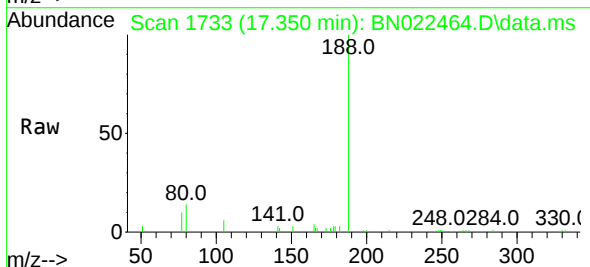
Tgt Ion:152 Resp: 96
Ion Ratio Lower Upper
152 100
151 30.6 15.2 22.8
153 41.8 10.3 15.5

Manual Integrations
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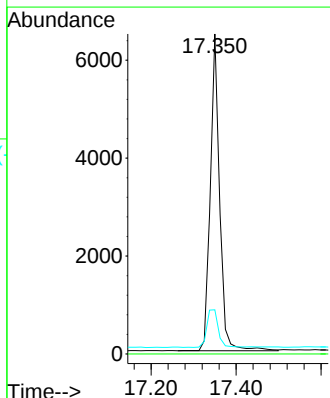
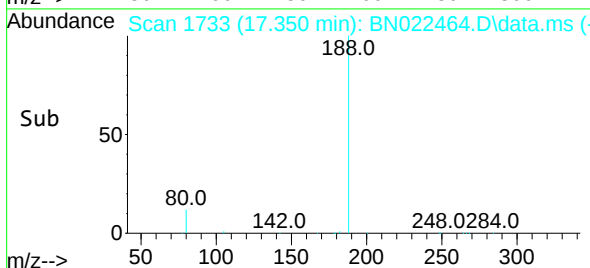
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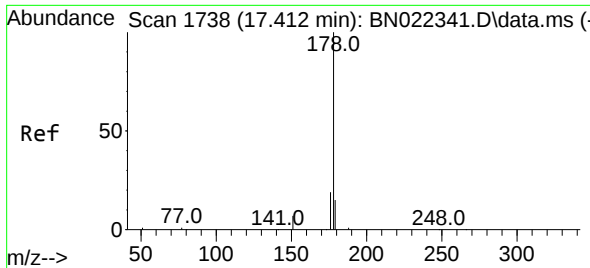


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10



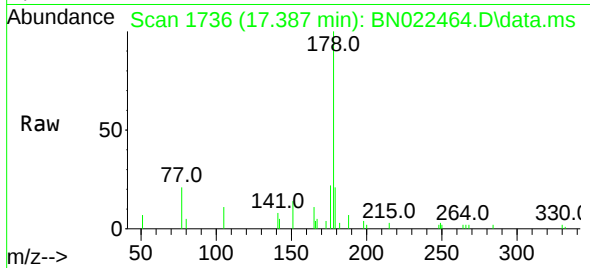
Tgt Ion:188 Resp: 9838
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 15.0 22.6





#25
Phenanthrene
Concen: 0.152 ng m
RT: 17.387 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

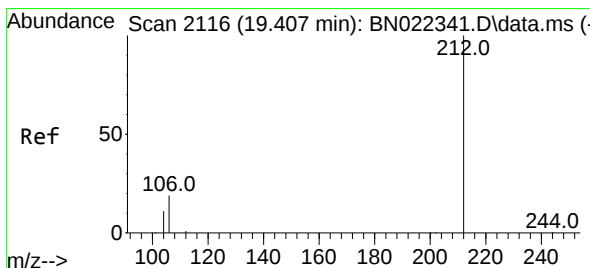
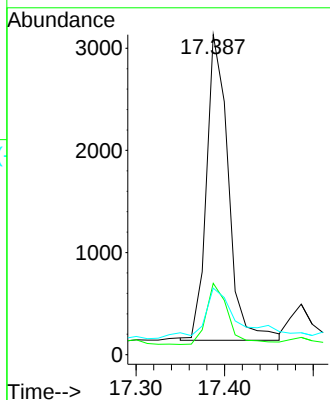
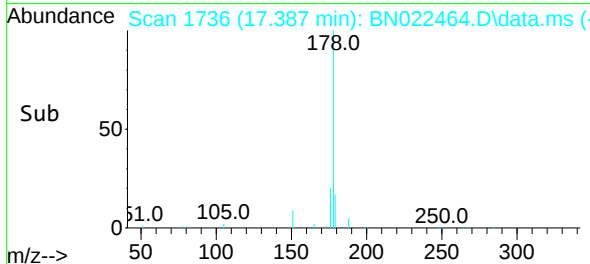
Instrument :
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LSP-SS-07-00-20DL



Tgt Ion:178 Resp: 512
Ion Ratio Lower Upper
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176 20.3 15.3 22.9
179 27.6 12.5 18.7

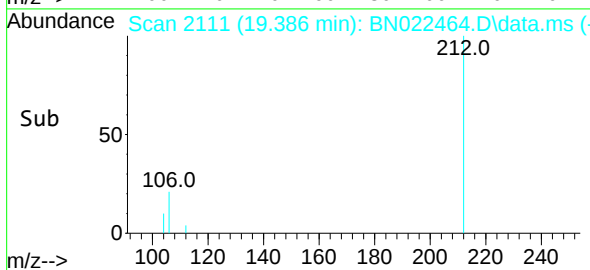
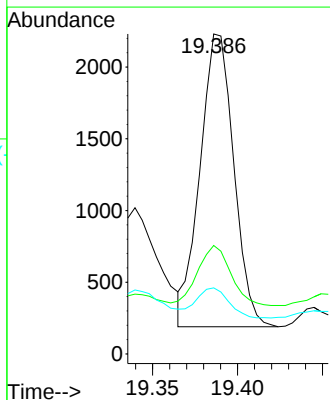
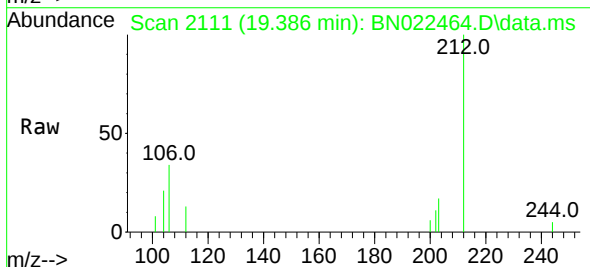
Manual Integrations
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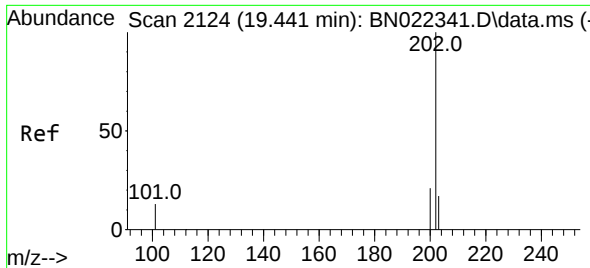
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#27
Fluoranthene-d10
Concen: 0.104 ng
RT: 19.386 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

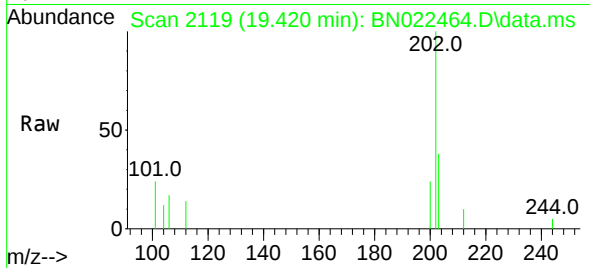
Tgt Ion:212 Resp: 2820
Ion Ratio Lower Upper
212 100
106 20.1 15.0 22.4
104 10.1 9.3 13.9





#28
Fluoranthene
Concen: 0.069 ng
RT: 19.420 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

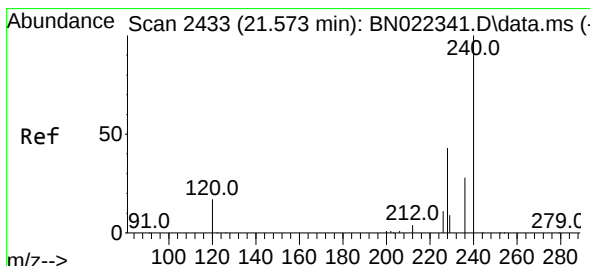
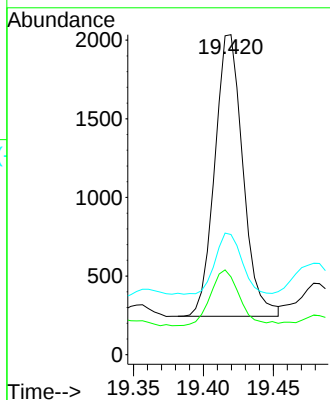
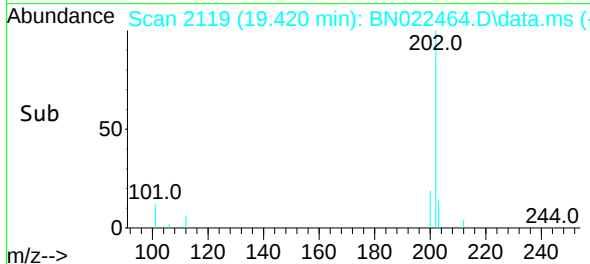
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20DL



Tgt Ion:202 Resp: 251
Ion Ratio Lower Upper
202 100
101 20.7 11.4 17.0#
203 19.9 13.7 20.5

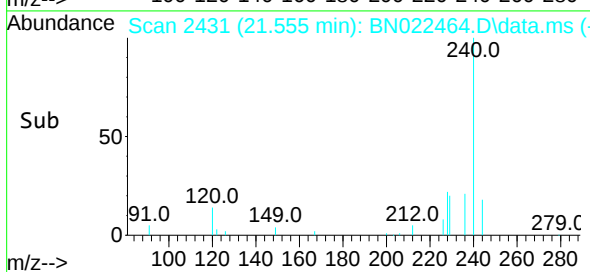
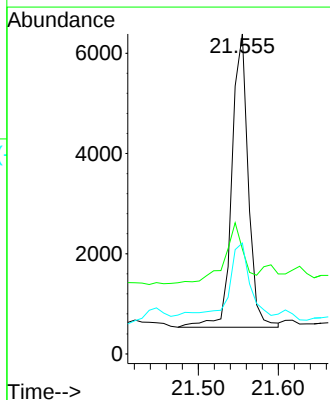
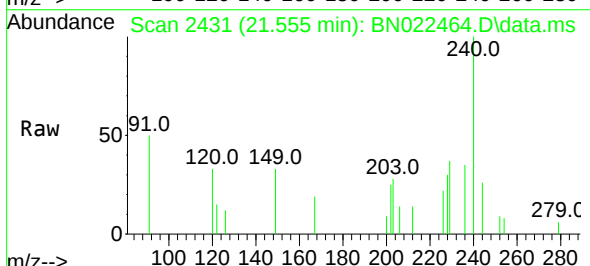
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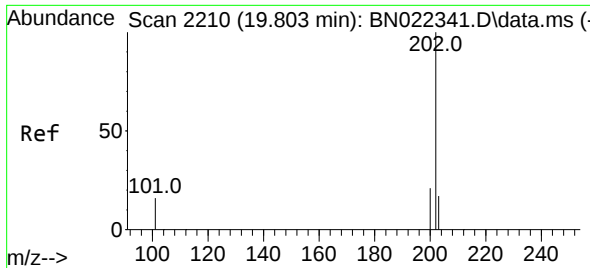
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.555 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

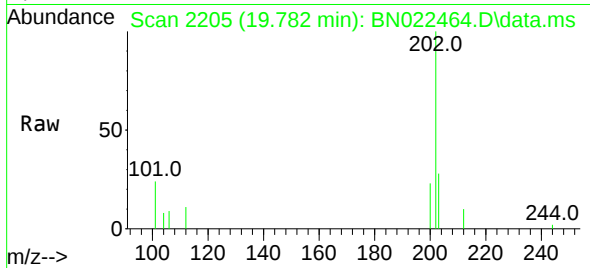
Tgt Ion:240 Resp: 8378
Ion Ratio Lower Upper
240 100
120 32.8 15.8 23.6#
236 34.7 23.2 34.8





#30
Pyrene
Concen: 0.211 ng
RT: 19.782 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

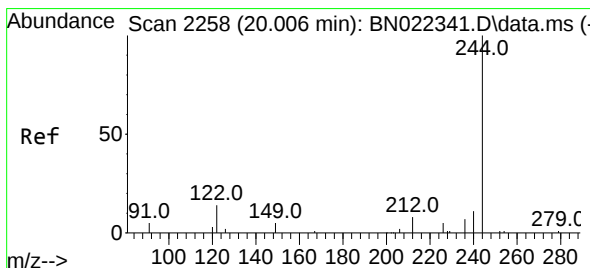
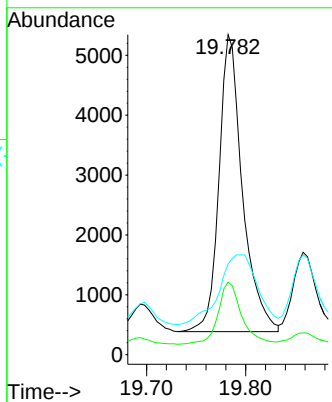
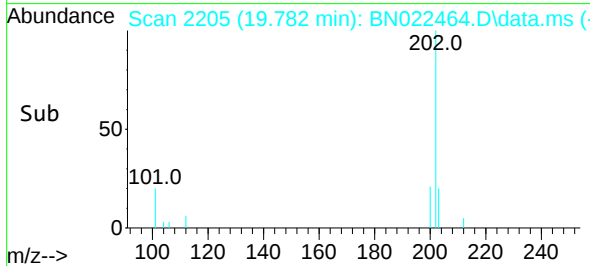
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20DL



Tgt Ion:202 Resp: 814
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 38.3 14.2 21.2

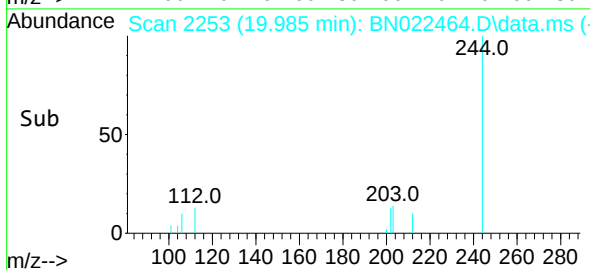
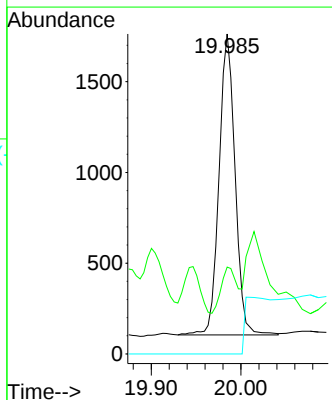
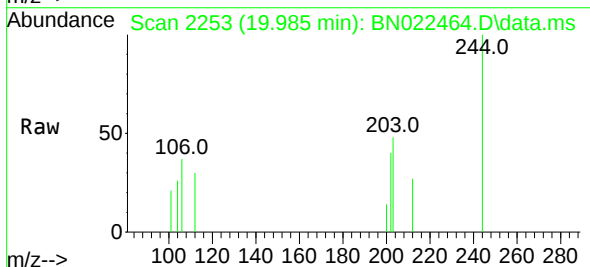
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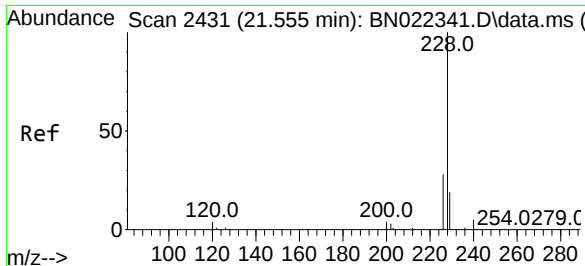
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#31
Terphenyl-d14
Concen: 0.112 ng
RT: 19.985 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

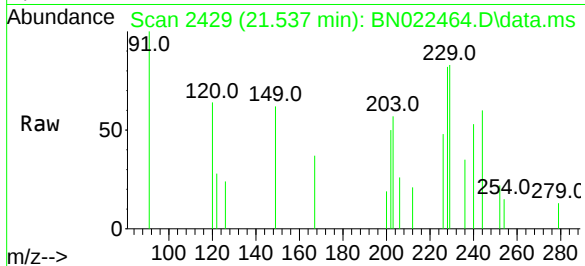
Tgt Ion:244 Resp: 2452
Ion Ratio Lower Upper
244 100
212 27.2 7.0 10.4#
122 0.0 11.5 17.3#





#32
Benzo(a)anthracene
Concen: 0.072 ng m
RT: 21.537 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

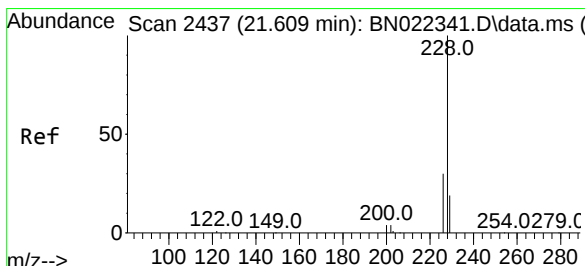
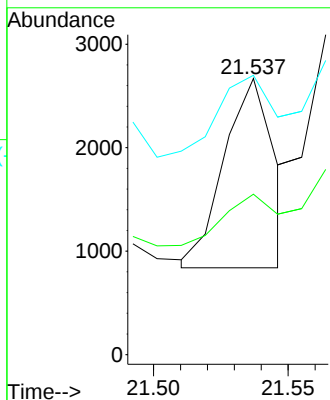
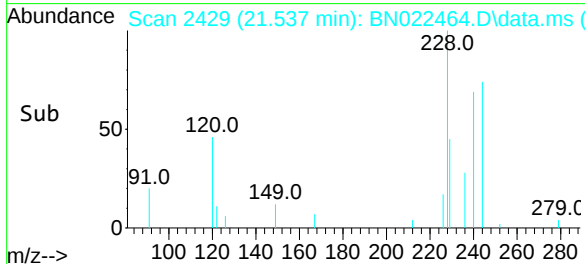
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20DL



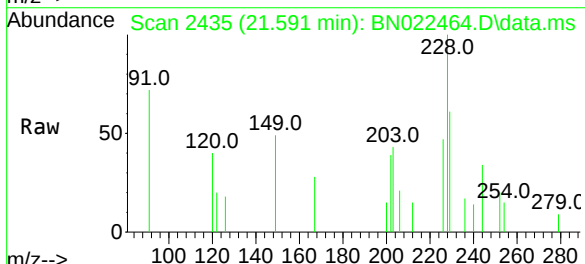
Tgt Ion:228 Resp: 2384
Ion Ratio Lower Upper
228 100
226 58.1 22.6 34.0#
229 101.2 15.5 23.3#

Manual Integrations
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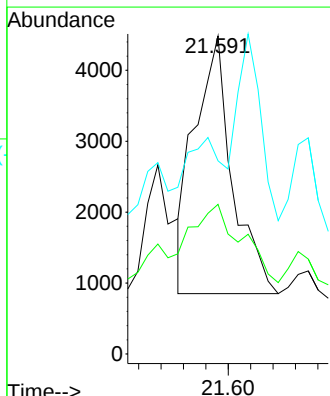
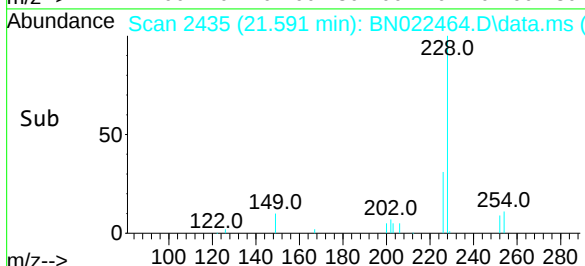
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022

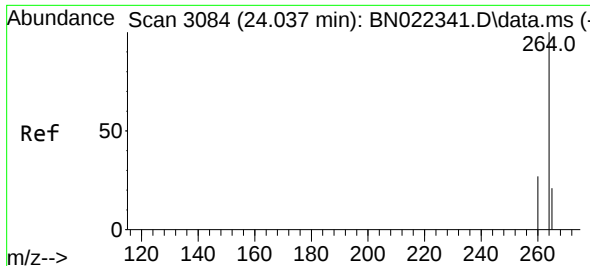


#33
Chrysene
Concen: 0.247 ng
RT: 21.591 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10



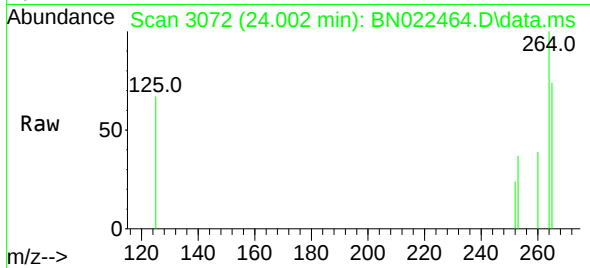
Tgt Ion:228 Resp: 8518
Ion Ratio Lower Upper
228 100
226 47.0 24.5 36.7#
229 60.7 15.6 23.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.002 min Scan# 3084
 Delta R.T. -0.000 min
 Lab File: BN022464.D
 Acq: 02 Nov 2022 14:10

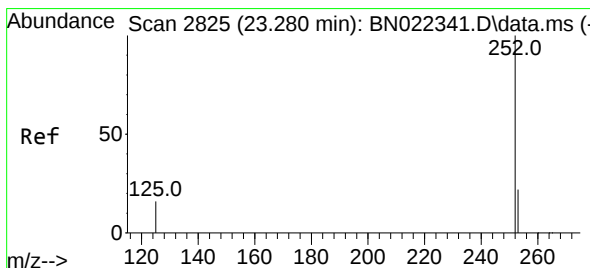
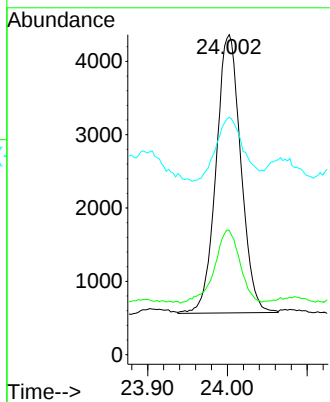
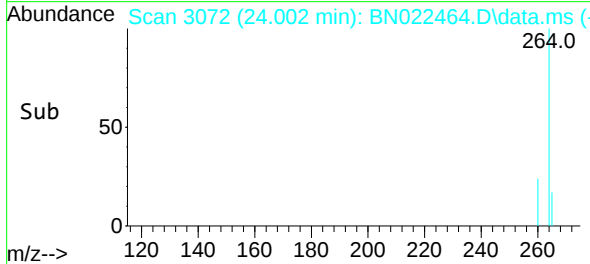
Instrument :
 BNA_N
 ClientSampleId :
 LSP-SS-07-00-20DL



Tgt Ion:264 Resp: 817
 Ion Ratio Lower Upper
 264 100
 260 38.8 22.1 33.1
 265 74.2 53.0 79.4

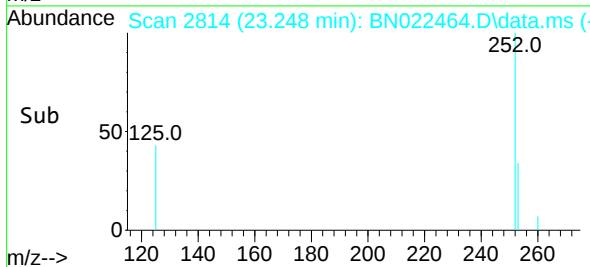
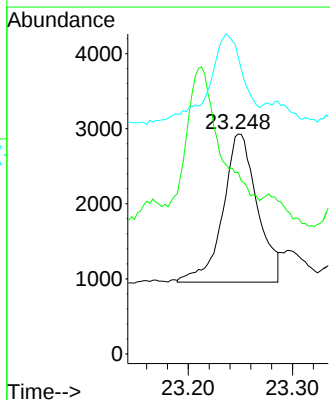
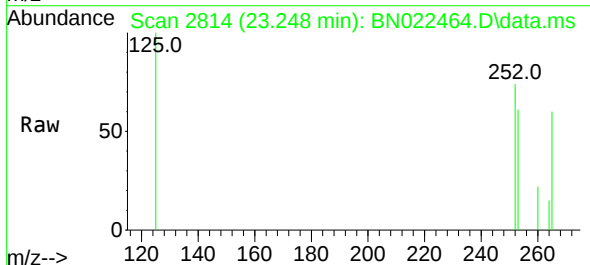
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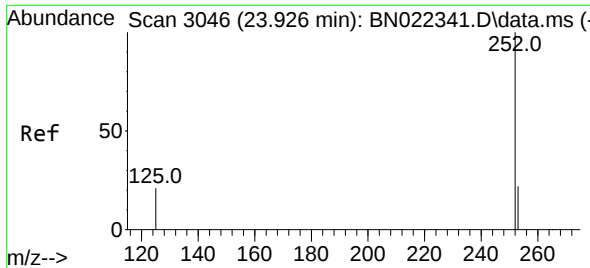
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :mohammad ahmed 11/07/2022



#37
 Benzo(b)fluoranthene
 Concen: 0.121 ng m
 RT: 23.248 min Scan# 2814
 Delta R.T. -0.000 min
 Lab File: BN022464.D
 Acq: 02 Nov 2022 14:10

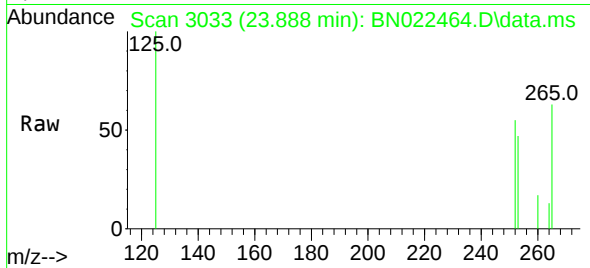
Tgt Ion:252 Resp: 4542
 Ion Ratio Lower Upper
 252 100
 253 82.6 20.4 30.6#
 125 135.1 16.6 25.0#





#39
Benzo(a)pyrene
Concen: 0.093 ng m
RT: 23.888 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

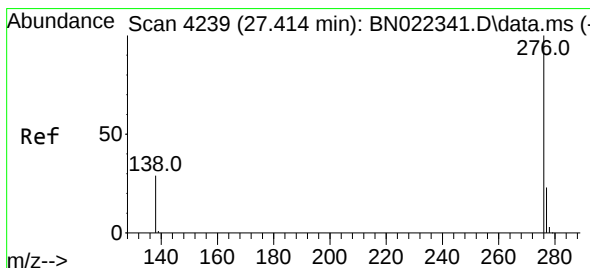
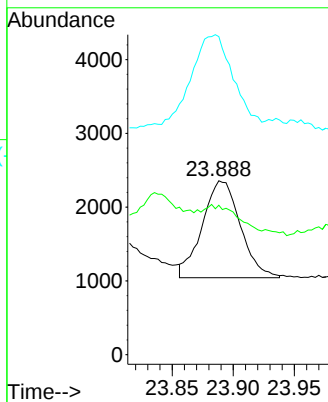
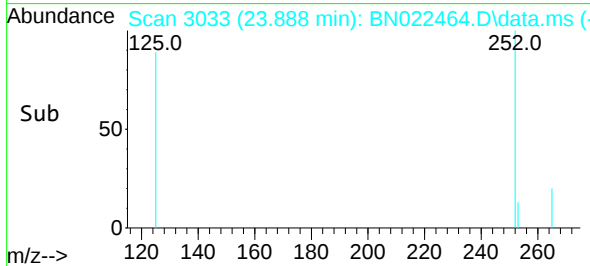
Instrument :
BNA_N
ClientSampleId :
LSP-SS-07-00-20DL



Tgt Ion:252 Resp: 2840
Ion Ratio Lower Upper
252 100
253 85.9 21.9 32.9#
125 183.0 22.9 34.3#

Manual Integrations
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Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#41
Benzo(g,h,i)perylene
Concen: 0.130 ng
RT: 27.364 min Scan# 4222
Delta R.T. 0.006 min
Lab File: BN022464.D
Acq: 02 Nov 2022 14:10

Tgt Ion:276 Resp: 4334
Ion Ratio Lower Upper
276 100
277 52.0 19.5 29.3#
138 66.5 25.0 37.4#

