

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025427.D
 Acq On : 12 May 2023 07:28
 Operator : CG/JU
 Sample : 02722-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CO-54926

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 12 07:58:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 00:57:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	7929	0.400	ng	0.00
7) Naphthalene-d8	10.696	136	28669	0.400	ng	#-0.01
13) Acenaphthene-d10	14.544	164	98776	0.400	ng	# 0.00
19) Phenanthrene-d10	17.323	188	55295	0.400	ng	# 0.02
29) Chrysene-d12	21.500	240	38012	0.400	ng	# 0.00
35) Perylene-d12	23.919	264	32373	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	724	0.039	ng	0.00
5) Phenol-d6	7.088	99	581	0.023	ng	0.00
8) Nitrobenzene-d5	9.106	82	6306	0.272	ng	0.02
11) 2-Methylnaphthalene-d10	12.271	152	4111m	0.109	ng	-0.03
14) 2,4,6-Tribromophenol	16.057	330	440	0.008	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	1816m	0.005	ng	-0.01
27) Fluoranthene-d10	19.325	212	23284	0.184	ng	0.00
31) Terphenyl-d14	19.941	244	14362	0.157	ng	0.02
Target Compounds						Qvalue
9) Naphthalene	10.750	128	20432	0.283	ng	# 89
12) 2-Methylnaphthalene	12.366	142	86318	1.729	ng	97
16) Acenaphthylene	14.266	152	173022	0.377	ng	# 1
18) Fluorene	15.603	166	176620	0.491	ng	# 69
25) Phenanthrene	17.373	178	1338787	8.945	ng	# 84
28) Fluoranthene	19.393	202	117996	0.680	ng	# 69
30) Pyrene	19.776	202	108312m	0.676	ng	
34) Bis(2-ethylhexyl)phtha...	21.383	149	65959	0.528	ng	# 45

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

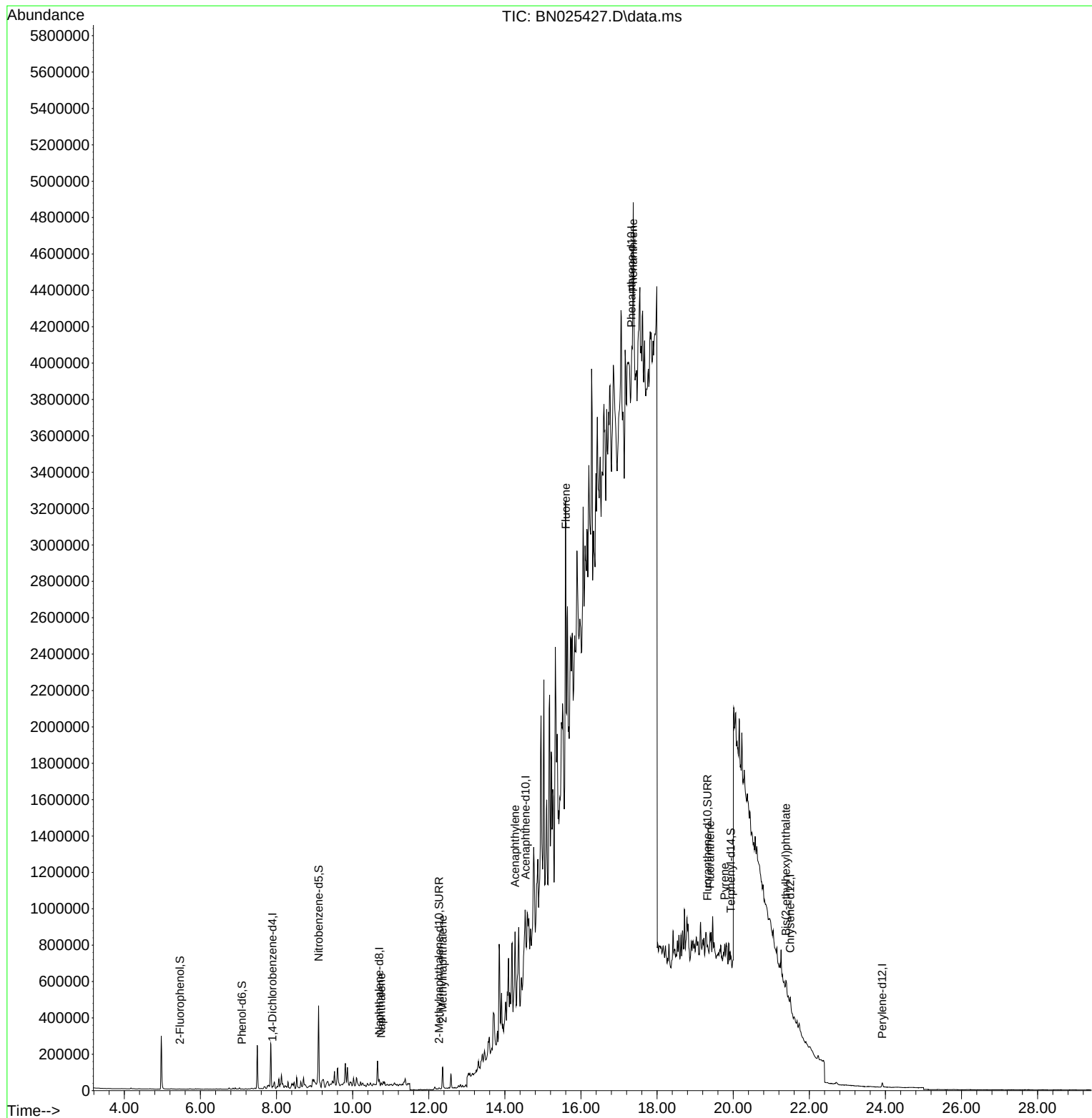
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025427.D
Acq On : 12 May 2023 07:28
Operator : CG/JU
Sample : 02722-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

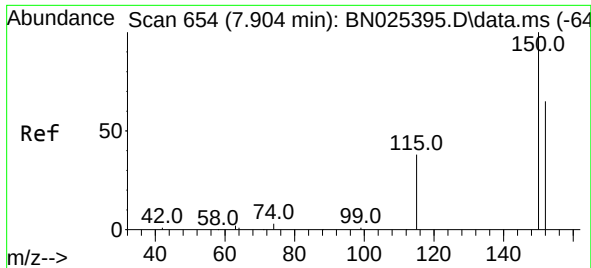
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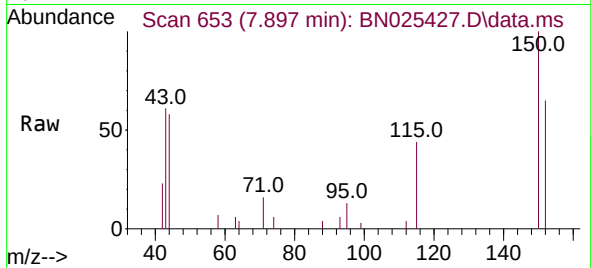
Quant Time: May 12 07:58:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

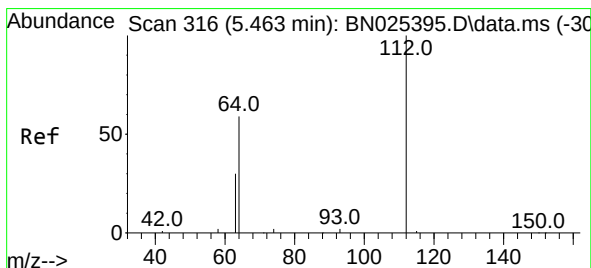
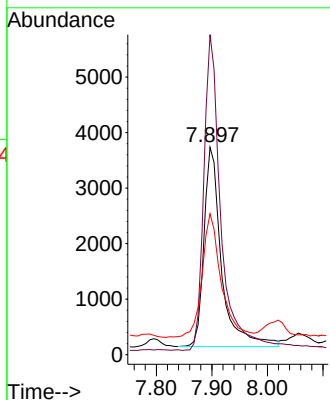
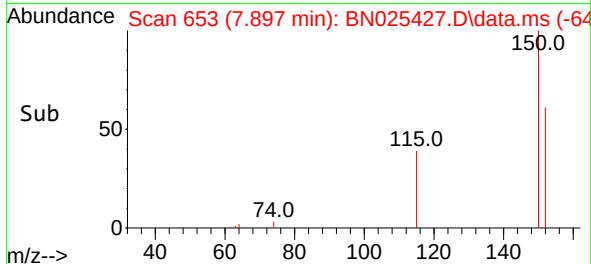
Instrument :
BNA_N
ClientSampleId :
CO-54926



Tgt Ion:152 Resp: 7929
Ion Ratio Lower Upper
152 100
150 154.3 121.4 182.2
115 68.0 50.6 76.0

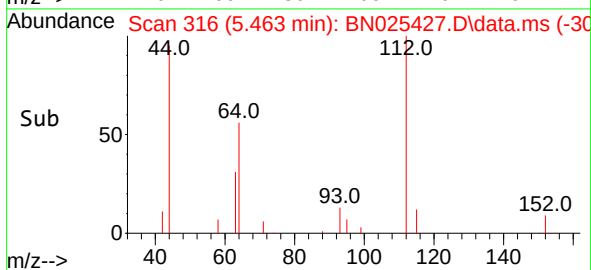
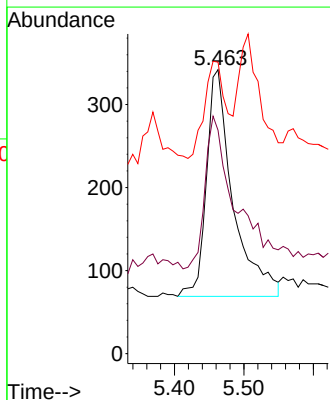
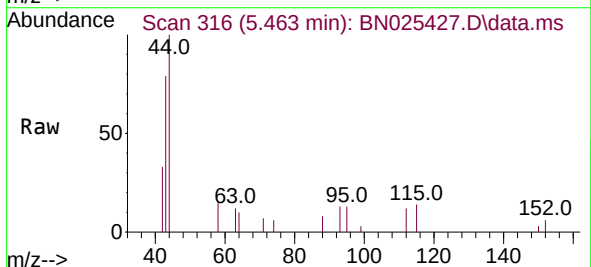
Manual Integrations
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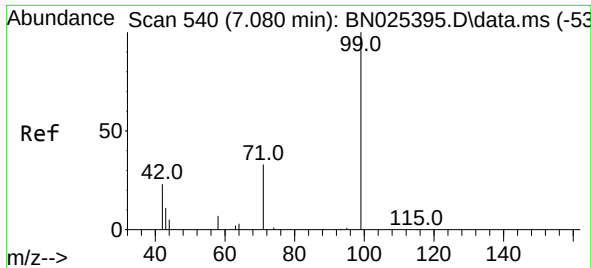
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#4
2-Fluorophenol
Concen: 0.039 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

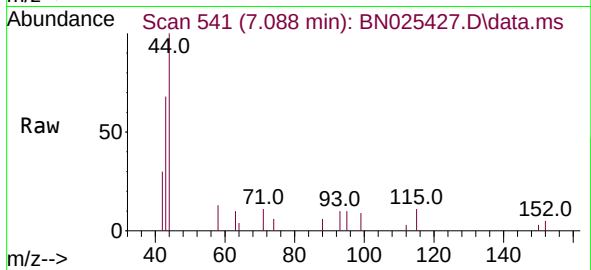
Tgt Ion:112 Resp: 724
Ion Ratio Lower Upper
112 100
64 82.0 51.9 77.9#
63 35.2 27.4 41.2





#5
Phenol-d6
Concen: 0.023 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

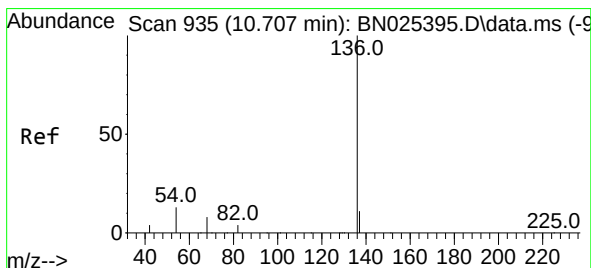
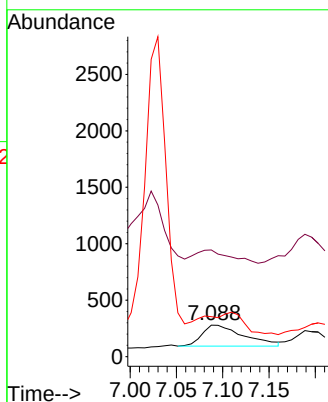
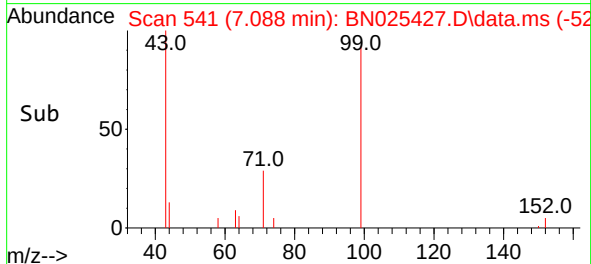
Instrument :
BNA_N
ClientSampleId :
CO-54926



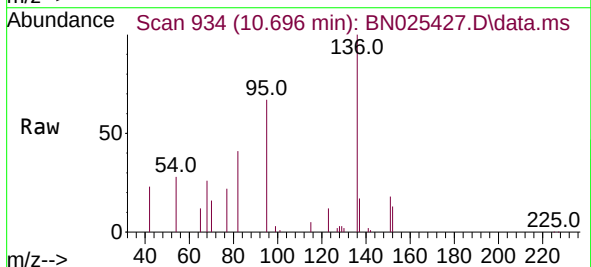
Tgt Ion: 99 Resp: 58
Ion Ratio Lower Upper
99 100
42 51.6 23.5 35.3
71 0.0 28.1 42.1

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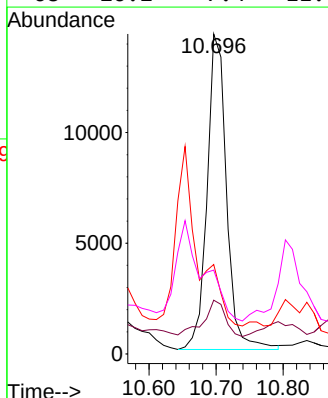
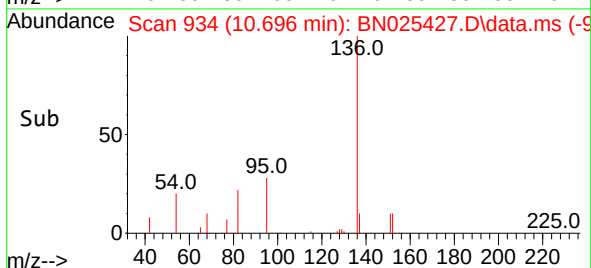
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

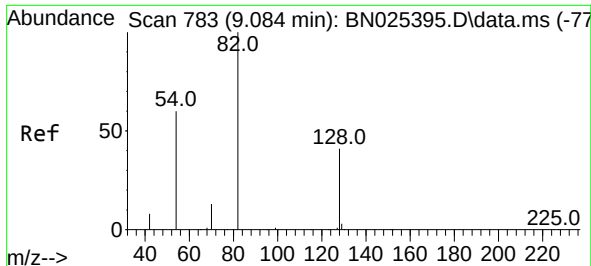


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.696 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28



Tgt Ion:136 Resp: 28669
Ion Ratio Lower Upper
136 100
137 16.8 9.1 13.7#
54 27.9 11.2 16.8#
68 26.2 7.4 11.0#





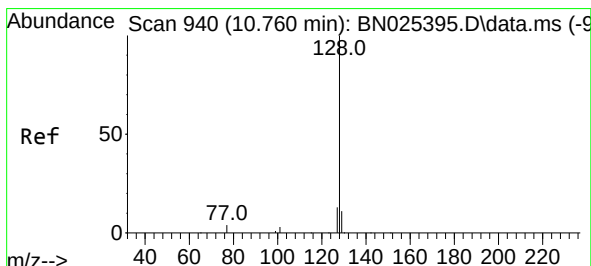
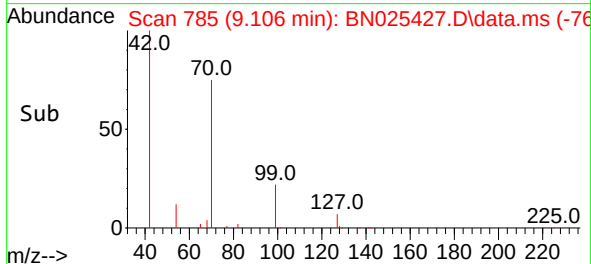
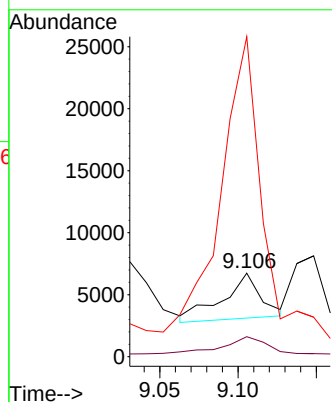
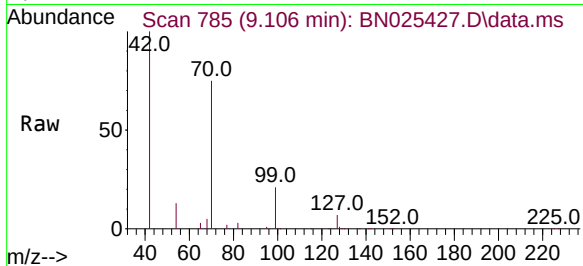
#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 9.106 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Instrument :
BNA_N
ClientSampleId :
CO-54926

Tgt Ion: 82 Resp: 6300
Ion Ratio Lower Upper
82 100
128 24.0 35.8 53.8#
54 383.2 50.4 75.6#

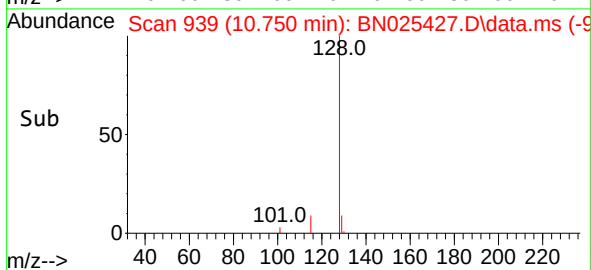
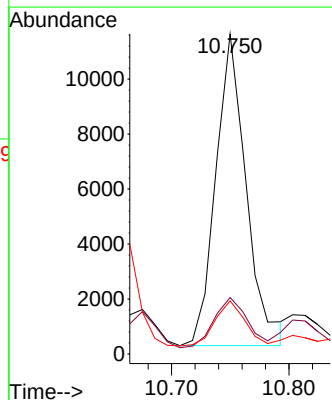
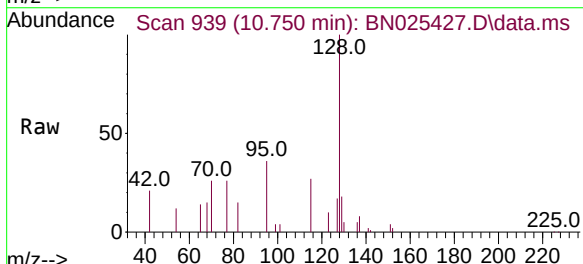
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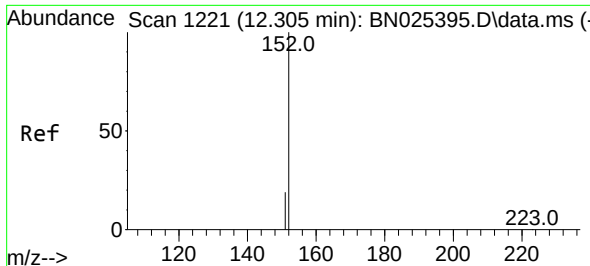
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#9
Naphthalene
Concen: 0.283 ng
RT: 10.750 min Scan# 939
Delta R.T. -0.011 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

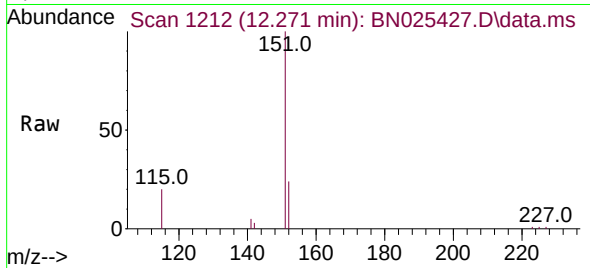
Tgt Ion:128 Resp: 20432
Ion Ratio Lower Upper
128 100
129 17.7 9.3 13.9#
127 16.6 10.8 16.2#





#11
2-Methylnaphthalene-d10
Concen: 0.109 ng m
RT: 12.271 min Scan# 11
Delta R.T. -0.034 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

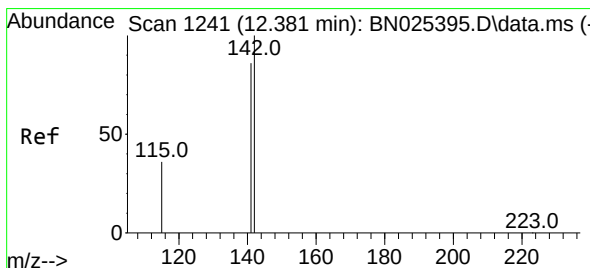
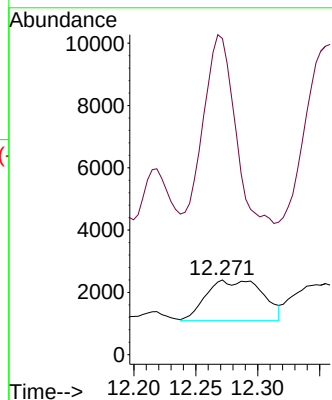
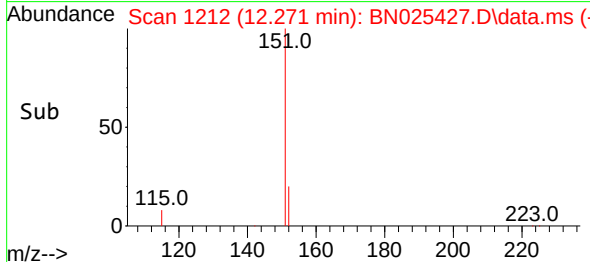
Instrument :
BNA_N
ClientSampleId :
CO-54926



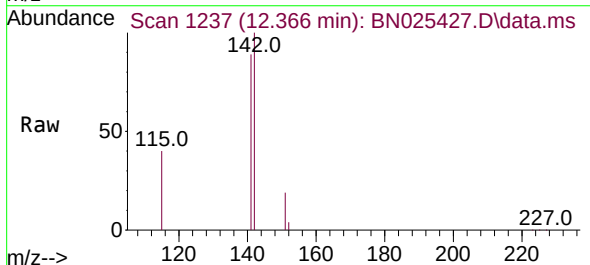
Tgt Ion:152 Resp: 411
Ion Ratio Lower Upper
152 100
151 276.1 16.1 24.1

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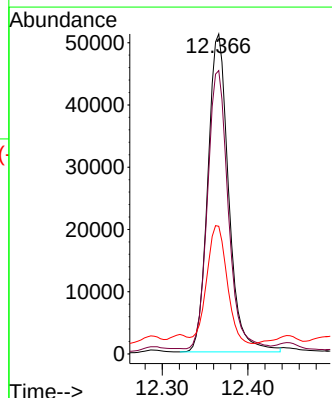
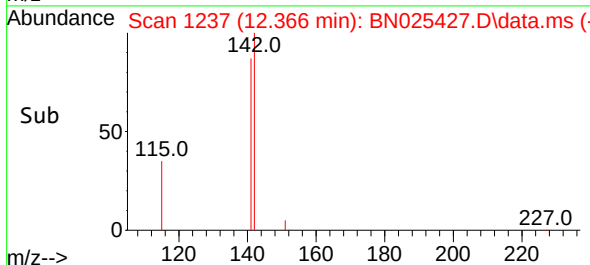
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

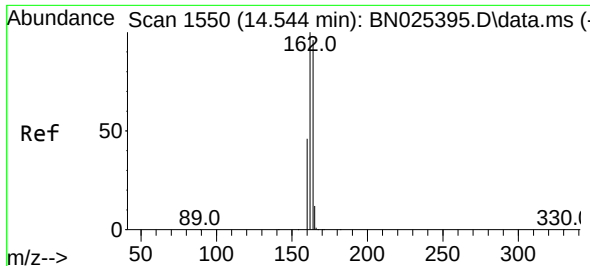


#12
2-Methylnaphthalene
Concen: 1.729 ng
RT: 12.366 min Scan# 1237
Delta R.T. -0.015 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28



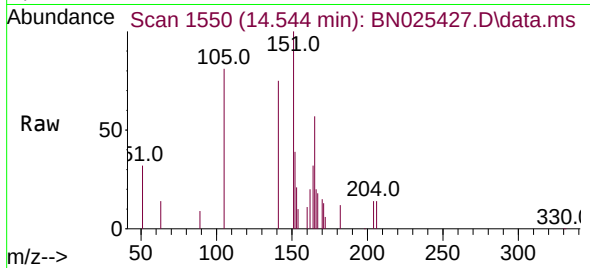
Tgt Ion:142 Resp: 86318
Ion Ratio Lower Upper
142 100
141 88.5 69.3 103.9
115 39.9 30.2 45.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

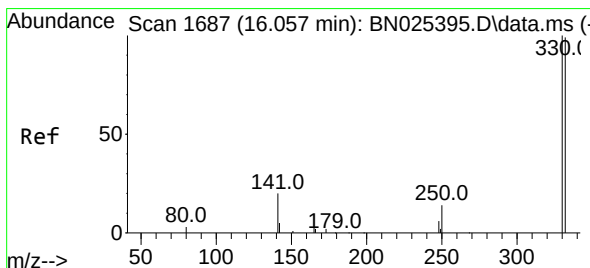
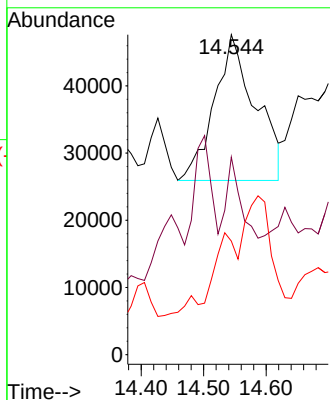
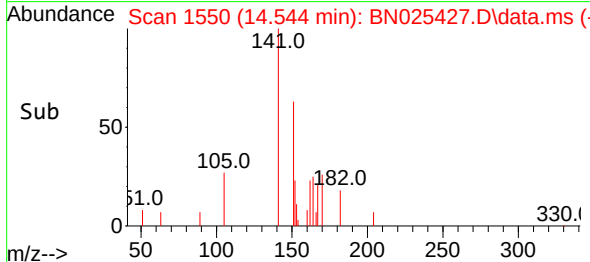
Instrument :
BNA_N
ClientSampleId :
CO-54926



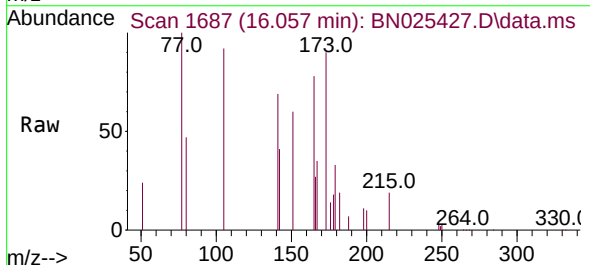
Tgt Ion:164 Resp: 98770
Ion Ratio Lower Upper
164 100
162 61.7 83.2 124.8
160 35.5 38.8 58.2

Manual Integrations
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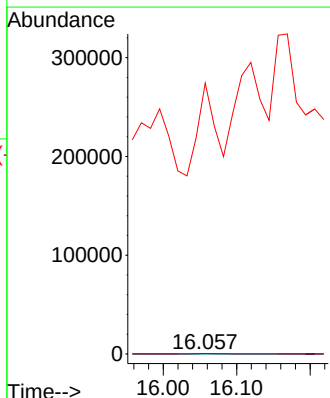
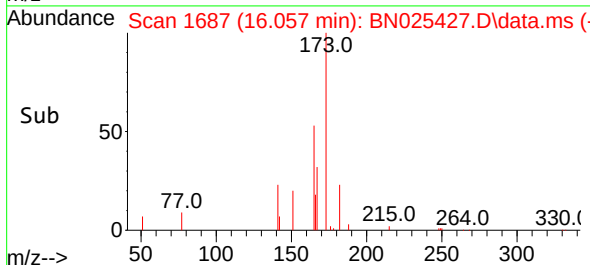
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

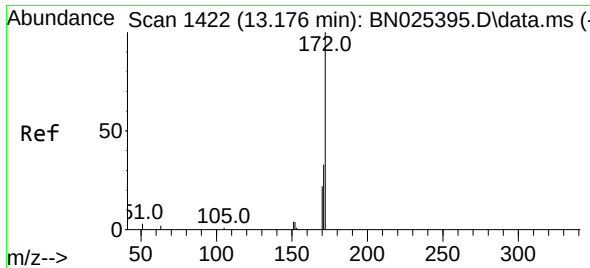


#14
2,4,6-Tribromophenol
Concen: 0.008 ng
RT: 16.057 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28



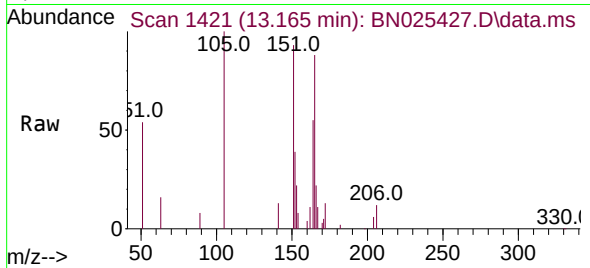
Tgt Ion:330 Resp: 440
Ion Ratio Lower Upper
330 100
332 100.9 78.0 117.0
141 34241.6 30.2 45.2#





#15
2-Fluorobiphenyl
Concen: 0.005 ng m
RT: 13.165 min Scan# 1422
Delta R.T. -0.011 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

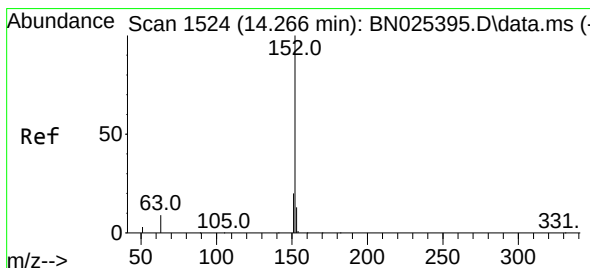
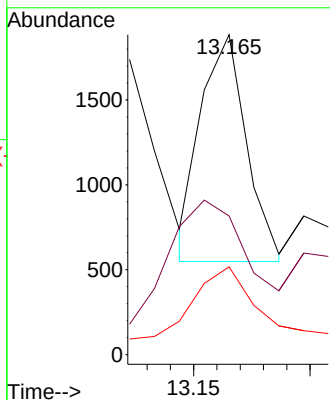
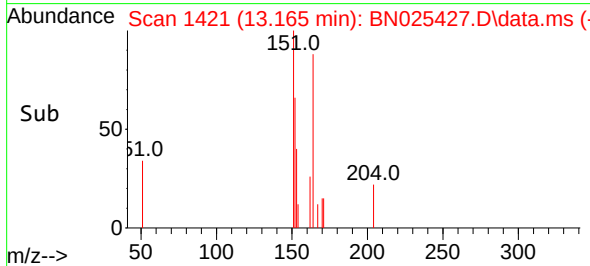
Instrument :
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Tgt Ion:172 Resp: 1810
Ion Ratio Lower Upper
172 100
171 43.3 26.7 40.1#
170 27.4 17.8 26.8#

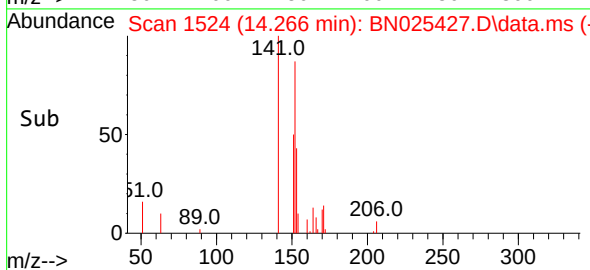
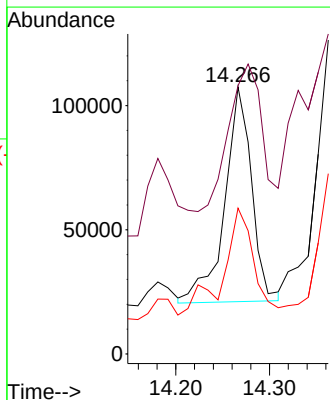
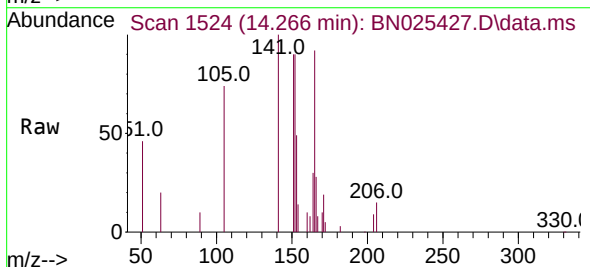
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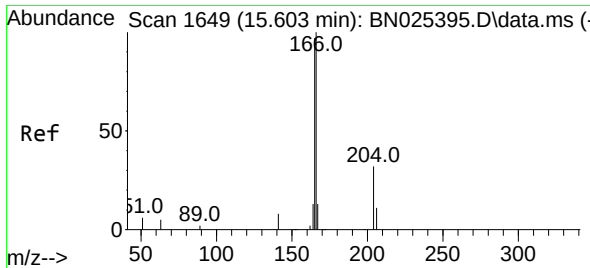
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.266 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

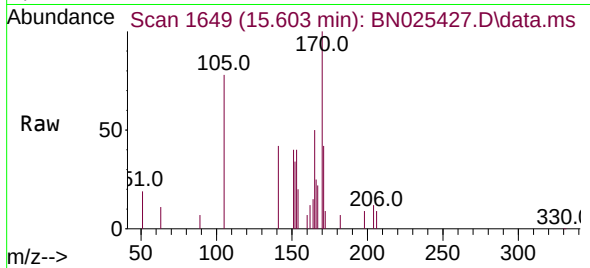
Tgt Ion:152 Resp: 173022
Ion Ratio Lower Upper
152 100
151 100.0 15.9 23.9#
153 56.2 10.7 16.1#





#18
Fluorene
Concen: 0.491 ng
RT: 15.603 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

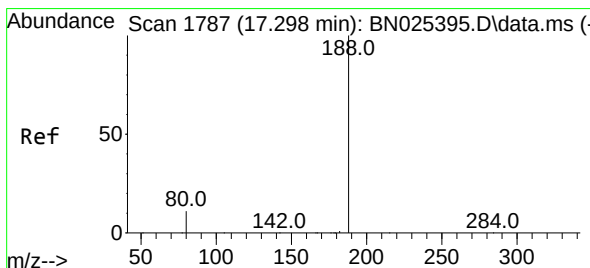
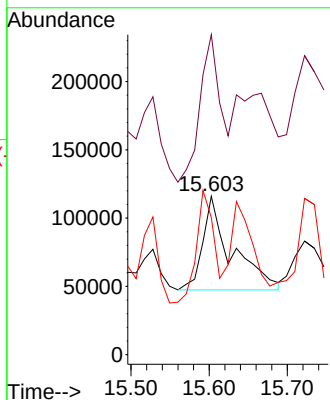
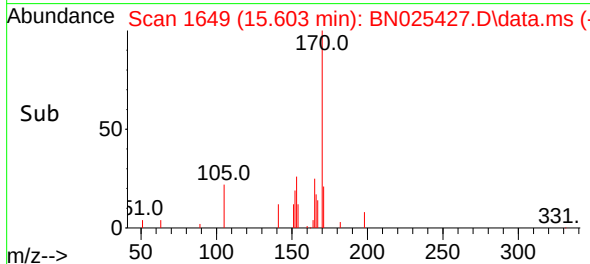
Instrument :
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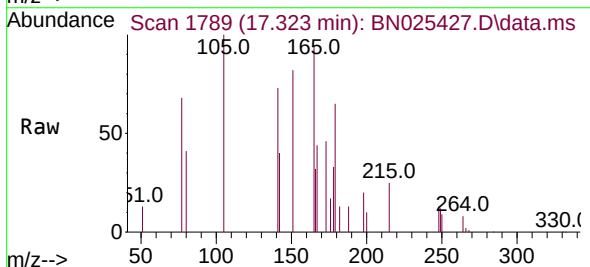
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Ion Ratio Lower Upper
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165 113.0 78.7 118.1
167 72.4 10.7 16.1

Manual Integrations
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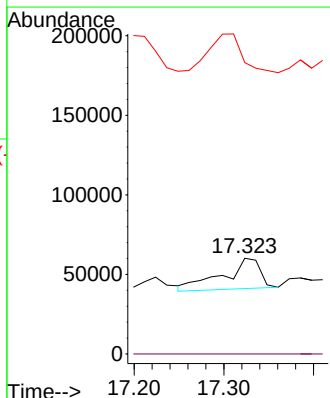
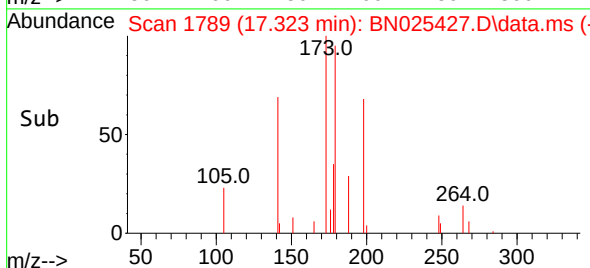
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

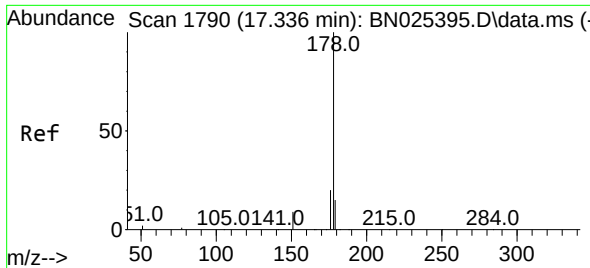


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1789
Delta R.T. 0.025 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28



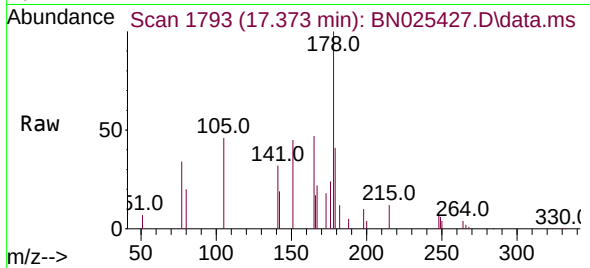
Tgt Ion:188 Resp: 55295
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 304.6 9.4 14.2





#25
Phenanthrene
Concen: 8.945 ng
RT: 17.373 min Scan# 11
Delta R.T. 0.037 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

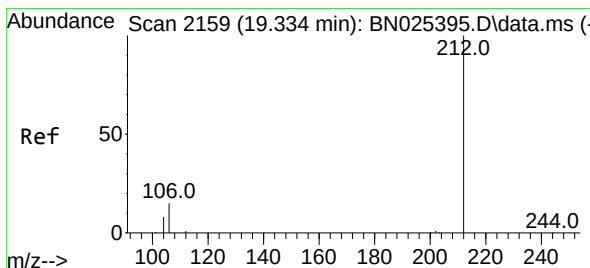
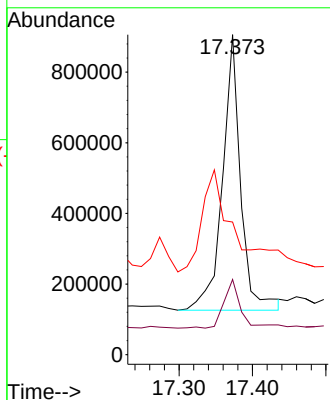
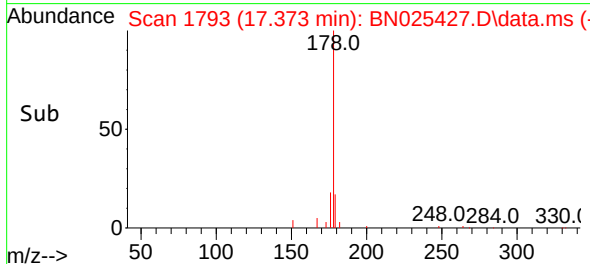
Instrument :
BNA_N
ClientSampleId :
CO-54926



Tgt Ion:178 Resp: 133878
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 0.0 12.1 18.1

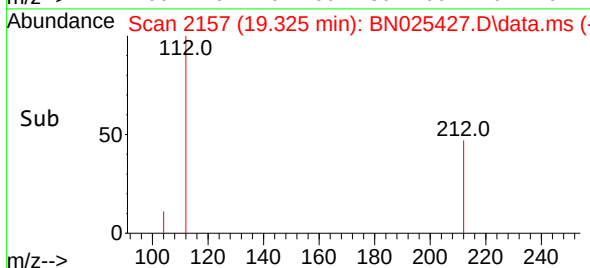
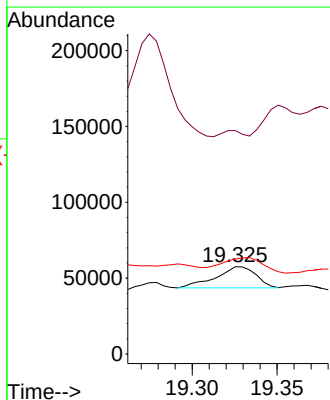
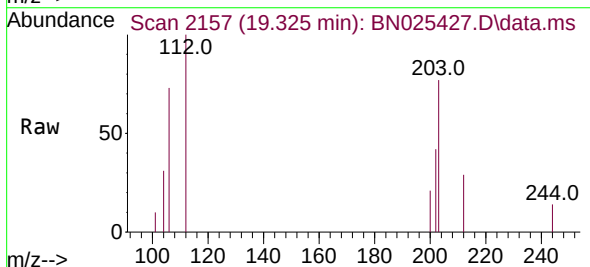
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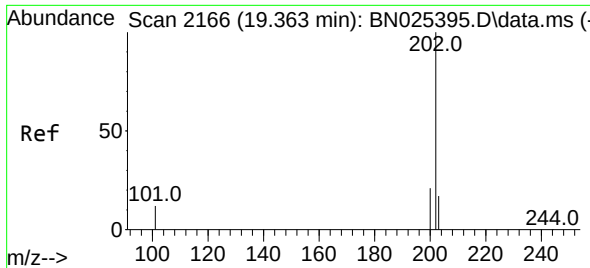
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#27
Fluoranthene-d10
Concen: 0.184 ng
RT: 19.325 min Scan# 2157
Delta R.T. -0.008 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

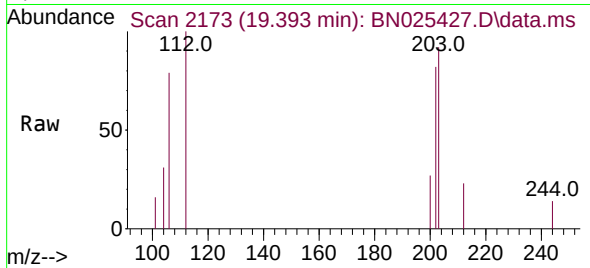
Tgt Ion:212 Resp: 23284
Ion Ratio Lower Upper
212 100
106 0.0 12.6 19.0#
104 72.4 7.0 10.4#





#28
Fluoranthene
Concen: 0.680 ng
RT: 19.393 min Scan# 2173
Delta R.T. 0.030 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

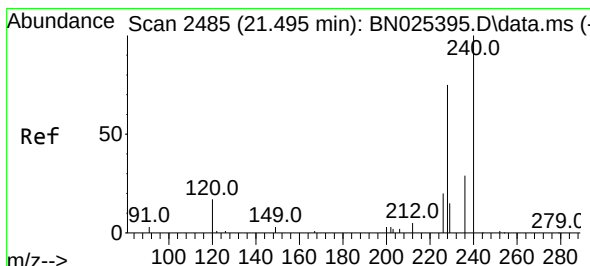
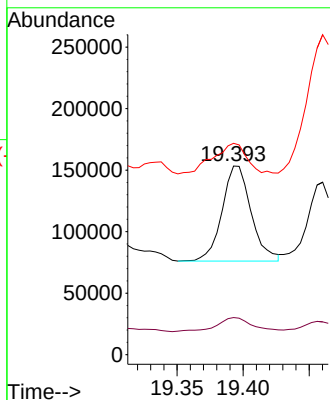
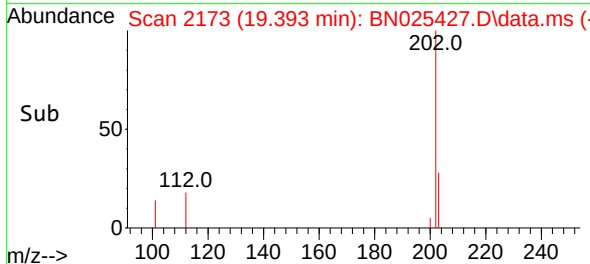
Instrument :
BNA_N
ClientSampleId :
CO-54926



Tgt Ion:202 Resp: 117990
Ion Ratio Lower Upper
202 100
101 17.8 9.8 14.8#
203 35.8 13.8 20.6#

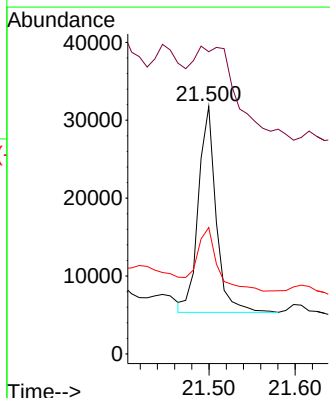
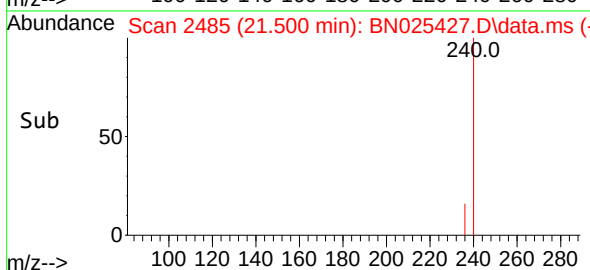
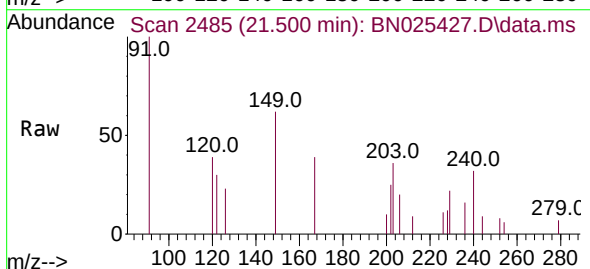
Manual Integrations
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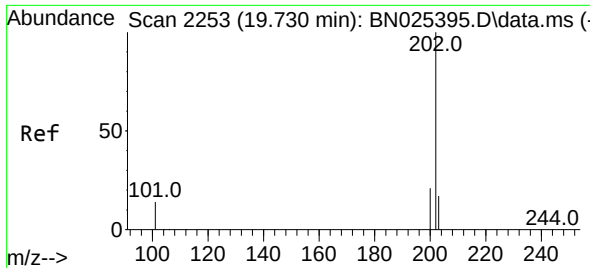
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.500 min Scan# 2485
Delta R.T. 0.005 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

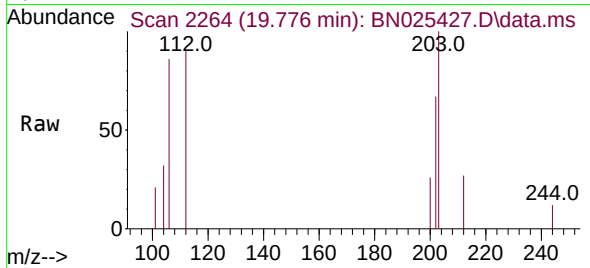
Tgt Ion:240 Resp: 38012
Ion Ratio Lower Upper
240 100
120 122.1 19.0 28.6#
236 51.1 25.0 37.6#





#30
Pyrene
Concen: 0.676 ng m
RT: 19.776 min Scan# 210
Delta R.T. 0.047 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

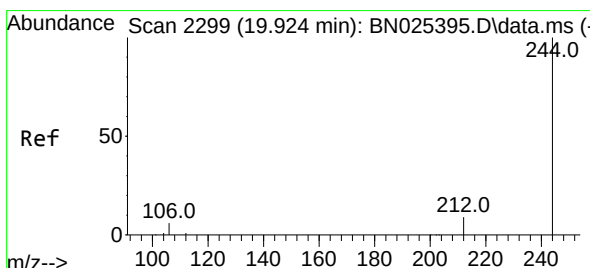
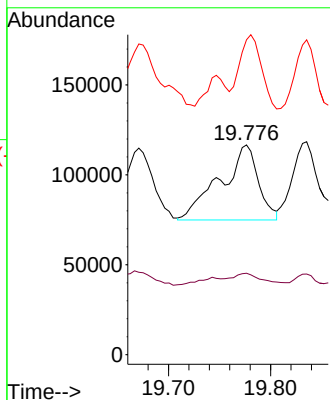
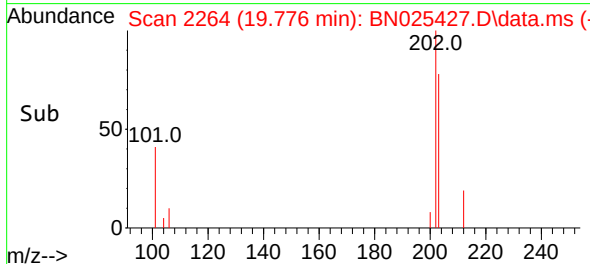
Instrument :
BNA_N
ClientSampleId :
CO-54926



Tgt Ion:202 Resp: 108312
Ion Ratio Lower Upper
202 100
200 5.3 16.8 25.2
203 19.9 14.4 21.6

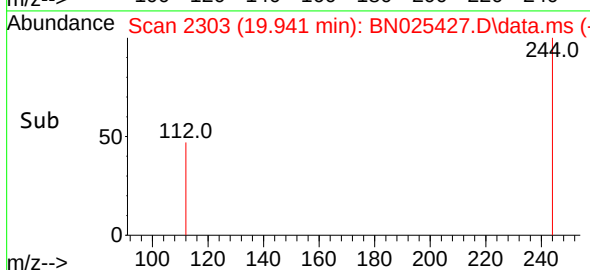
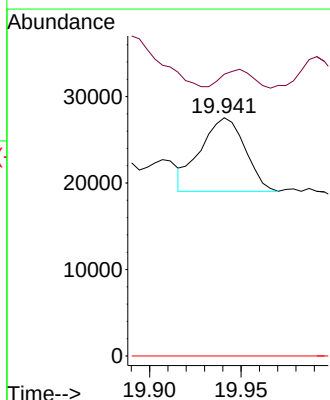
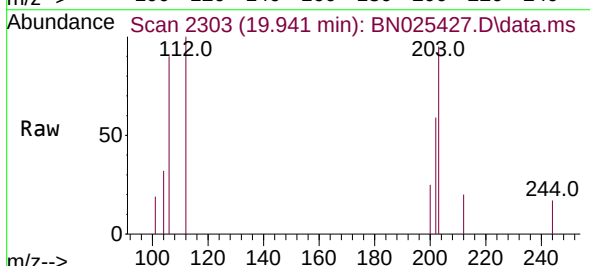
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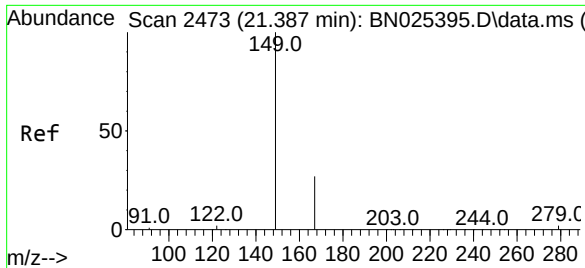
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#31
Terphenyl-d14
Concen: 0.157 ng
RT: 19.941 min Scan# 2303
Delta R.T. 0.017 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

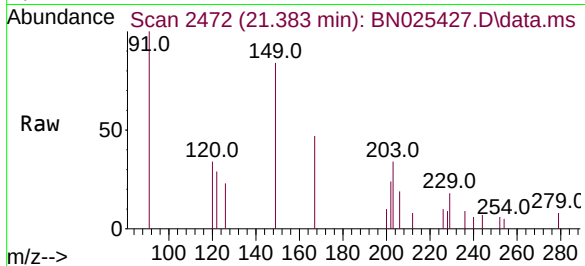
Tgt Ion:244 Resp: 14362
Ion Ratio Lower Upper
244 100
212 118.3 7.5 11.3
122 0.0 0.0 0.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.528 ng
 RT: 21.383 min Scan# 2473
 Delta R.T. -0.004 min
 Lab File: BN025427.D
 Acq: 12 May 2023 07:28

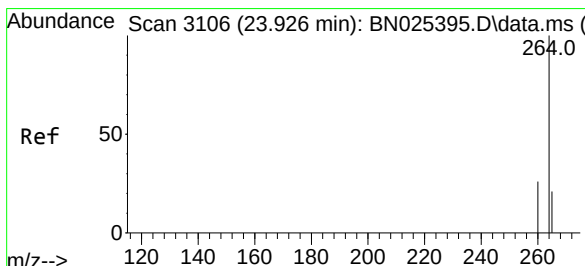
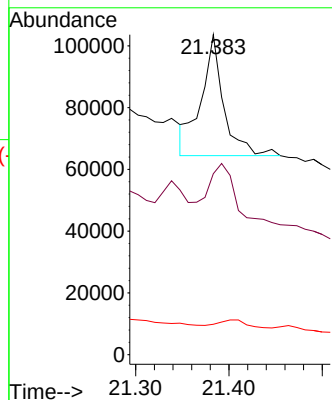
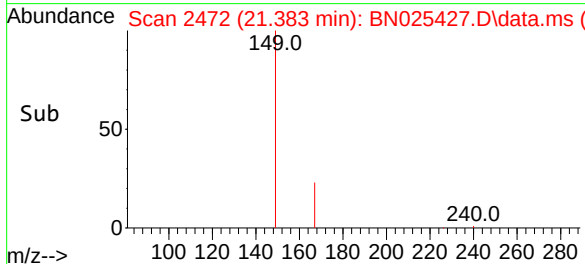
Instrument :
 BNA_N
 ClientSampleId :
 CO-54926



Tgt Ion:149 Resp: 65958
 Ion Ratio Lower Upper
 149 100
 167 59.0 21.7 32.5
 279 0.0 3.0 4.4

Manual Integrations
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Reviewed By :Christian Giraldo 05/12/2023
 Supervised By :Jagrut Upadhyay 05/15/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.919 min Scan# 3104
 Delta R.T. -0.007 min
 Lab File: BN025427.D
 Acq: 12 May 2023 07:28

Tgt Ion:264 Resp: 32373
 Ion Ratio Lower Upper
 264 100
 260 29.3 23.5 35.3
 265 60.6 50.9 76.3

