

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025425.D
 Acq On : 12 May 2023 06:16
 Operator : CG/JU
 Sample : 02722-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CO-215237

Manual Integrations
 APPROVED

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

Quant Time: May 12 06:46:03 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	6830	0.400	ng	0.00
7) Naphthalene-d8	10.697	136	25691	0.400	ng	#-0.01
13) Acenaphthene-d10	14.544	164	69381	0.400	ng	# 0.00
19) Phenanthrene-d10	17.311	188	67482	0.400	ng	# 0.01
29) Chrysene-d12	21.500	240	26497	0.400	ng	# 0.00
35) Perylene-d12	23.913	264	24702	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	645	0.041	ng	0.00
5) Phenol-d6	7.109	99	393m	0.018	ng	0.03
8) Nitrobenzene-d5	9.031	82	3169	0.153	ng	-0.05
11) 2-Methylnaphthalene-d10	12.272	152	7300	0.215	ng	-0.03
14) 2,4,6-Tribromophenol	16.057	330	303	0.008	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	1479	0.006	ng	-0.01
27) Fluoranthene-d10	19.334	212	139760	0.905	ng	0.00
31) Terphenyl-d14	19.954	244	6923	0.108	ng	0.03
Target Compounds						Qvalue
9) Naphthalene	10.750	128	43510	0.672	ng	# 82
12) 2-Methylnaphthalene	12.362	142	200384	4.479	ng	95
16) Acenaphthylene	14.267	152	100349	0.311	ng	# 1
18) Fluorene	15.592	166	204255	0.809	ng	# 88
25) Phenanthrene	17.361	178	336410	1.842	ng	# 79
28) Fluoranthene	19.397	202	26093	0.123	ng	# 1
30) Pyrene	19.781	202	38555	0.345	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.383	149	375519	4.314	ng	95

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

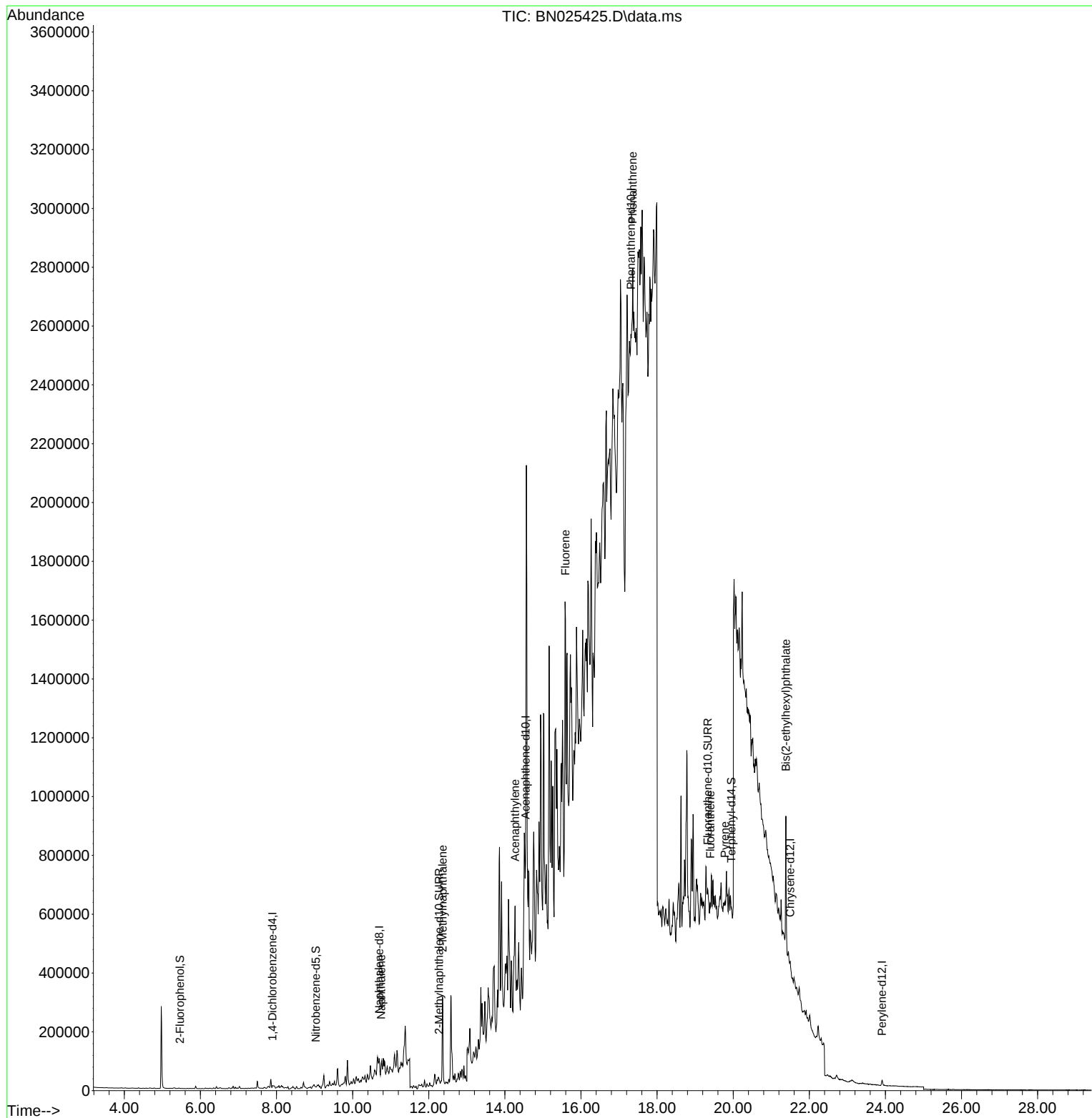
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025425.D
Acq On : 12 May 2023 06:16
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ALS Vial : 33 Sample Multiplier: 1

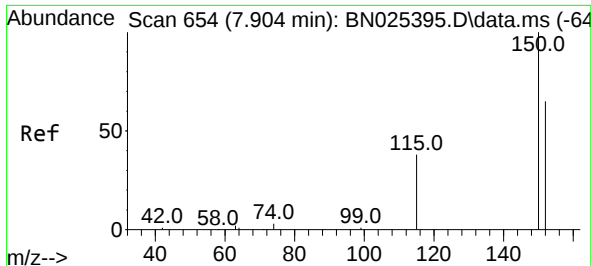
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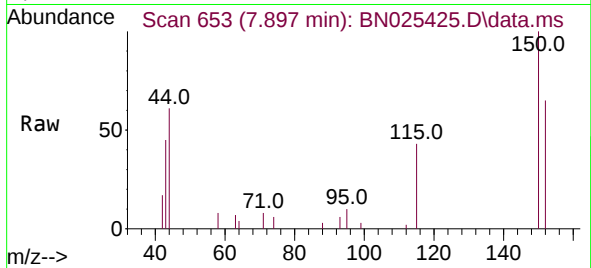
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

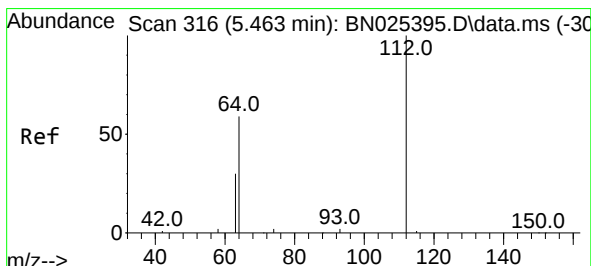
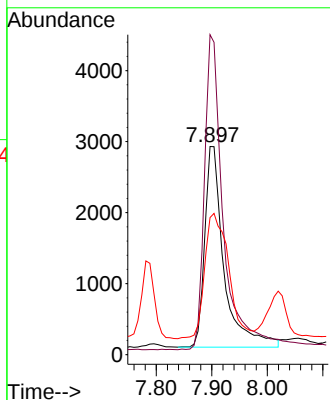
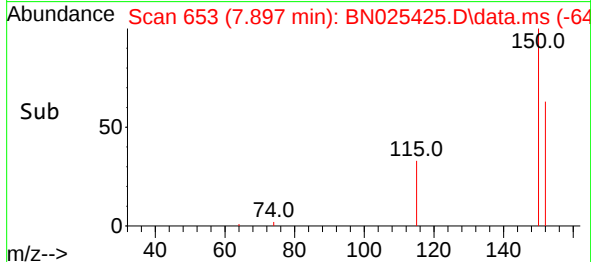
Instrument :
BNA_N
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CO-215237



Tgt Ion:152 Resp: 6830
Ion Ratio Lower Upper
152 100
150 153.7 121.4 182.2
115 65.9 50.6 76.0

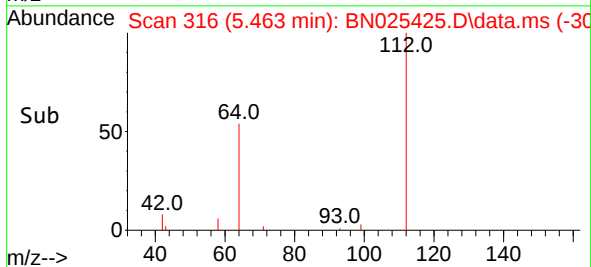
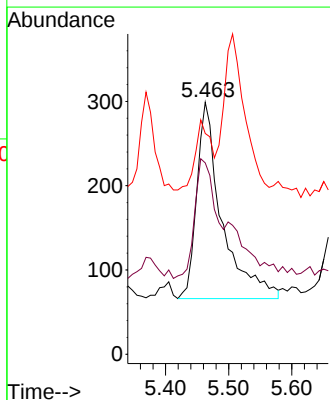
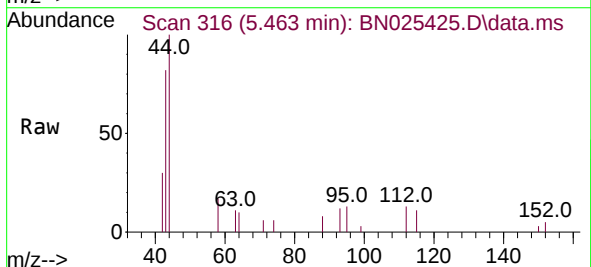
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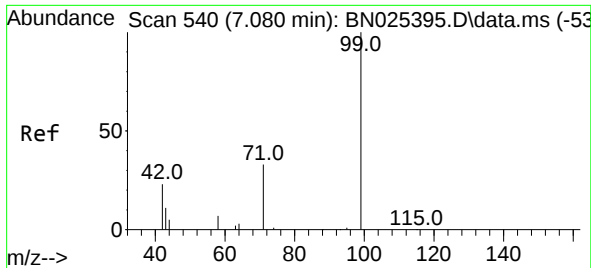
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#4
2-Fluorophenol
Concen: 0.041 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

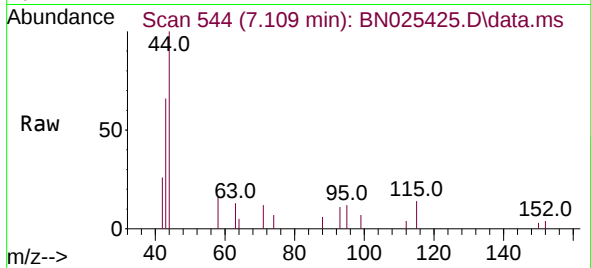
Tgt Ion:112 Resp: 645
Ion Ratio Lower Upper
112 100
64 51.2 51.9 77.9#
63 21.9 27.4 41.2#





#5
Phenol-d6
Concen: 0.018 ng m
RT: 7.109 min Scan# 540
Delta R.T. 0.029 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

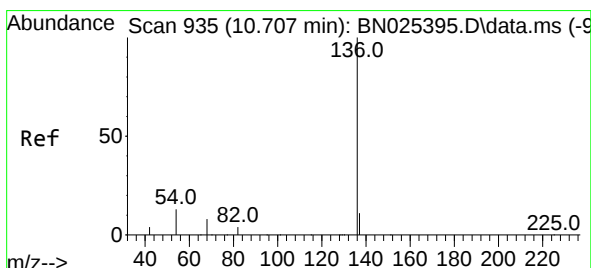
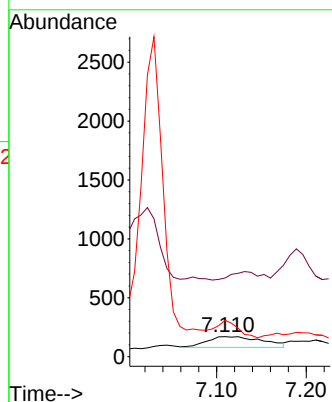
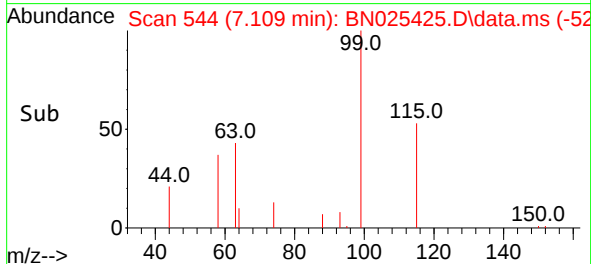
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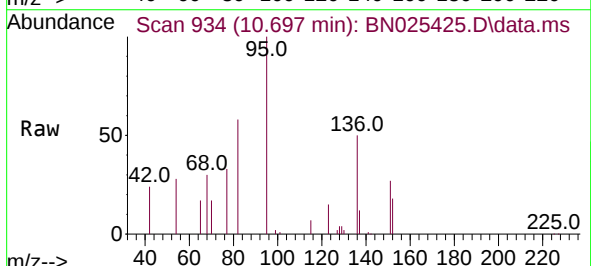
Tgt Ion: 99 Resp: 391
Ion Ratio Lower Upper
99 100
42 0.0 23.5 35.3#
71 0.0 28.1 42.1#

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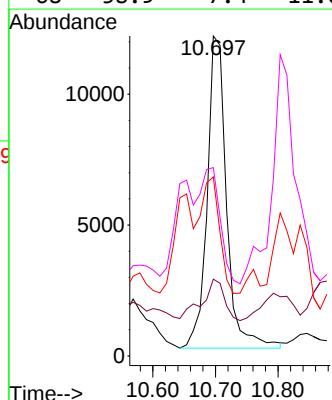
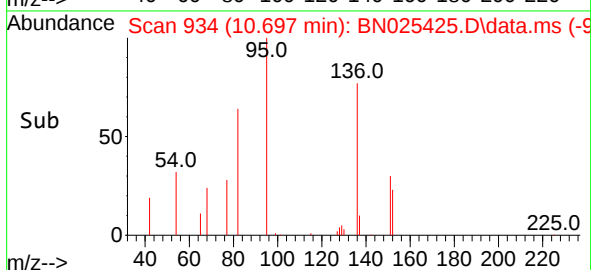
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

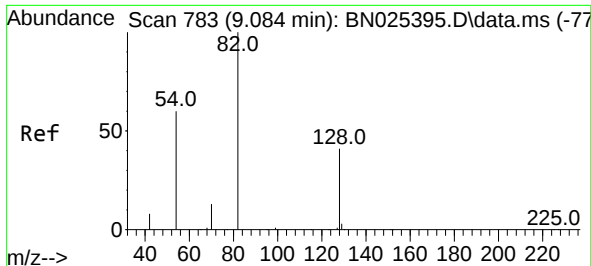


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.697 min Scan# 934
Delta R.T. -0.010 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16



Tgt Ion:136 Resp: 25691
Ion Ratio Lower Upper
136 100
137 24.0 9.1 13.7#
54 55.9 11.2 16.8#
68 58.9 7.4 11.0#





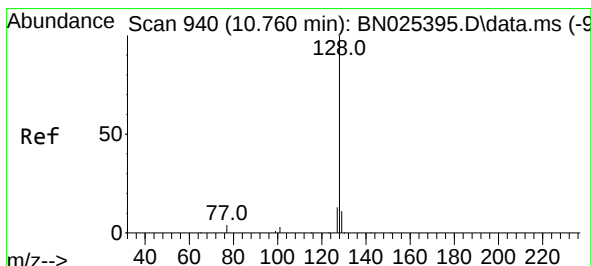
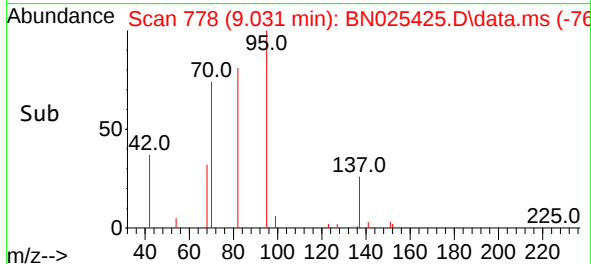
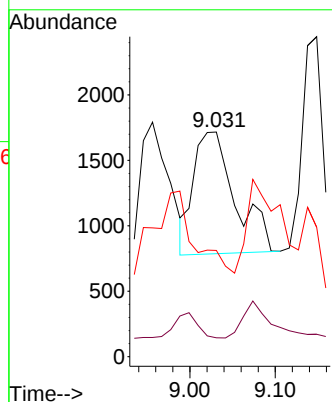
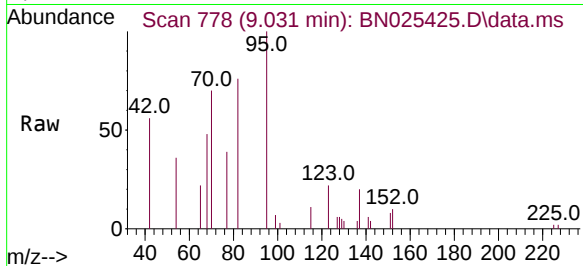
#8
Nitrobenzene-d5
Concen: 0.153 ng
RT: 9.031 min Scan# 71
Delta R.T. -0.053 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

Instrument :
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ClientSampleId :
CO-215237

Tgt Ion: 82 Resp: 3169
Ion Ratio Lower Upper
82 100
128 8.4 35.8 53.8#
54 47.3 50.4 75.6#

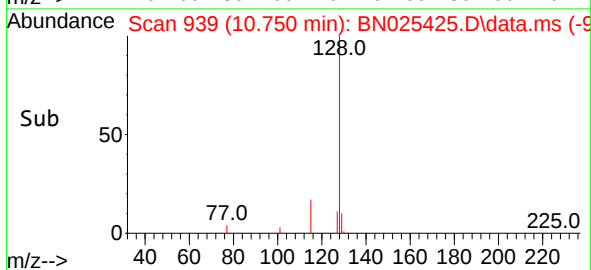
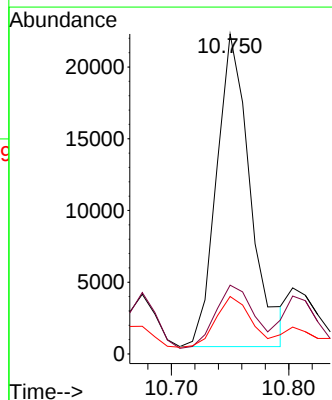
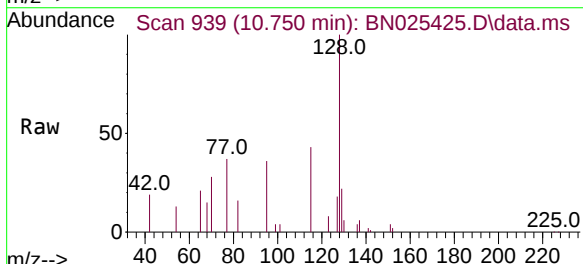
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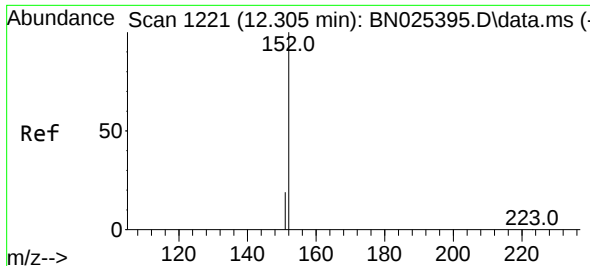
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#9
Naphthalene
Concen: 0.672 ng
RT: 10.750 min Scan# 939
Delta R.T. -0.010 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

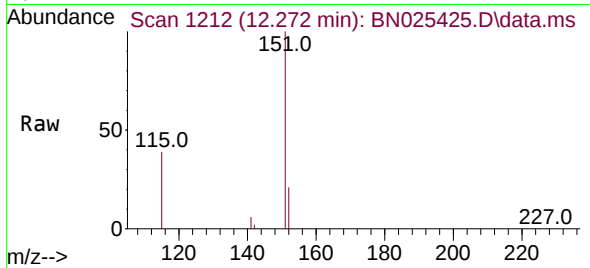
Tgt Ion:128 Resp: 43510
Ion Ratio Lower Upper
128 100
129 21.5 9.3 13.9#
127 18.0 10.8 16.2#





#11
2-Methylnaphthalene-d10
Concen: 0.215 ng
RT: 12.272 min Scan# 11
Delta R.T. -0.034 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

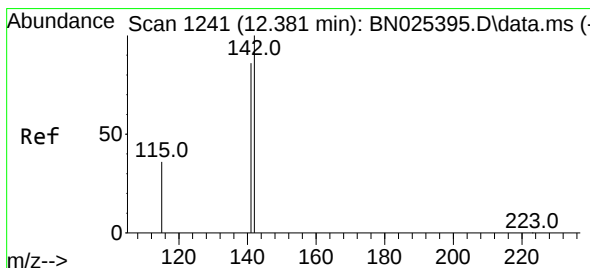
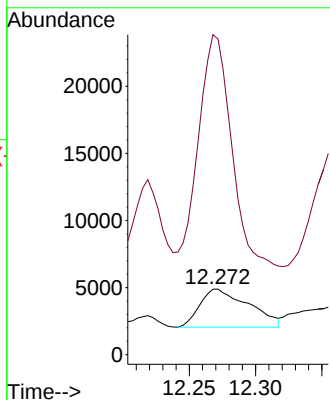
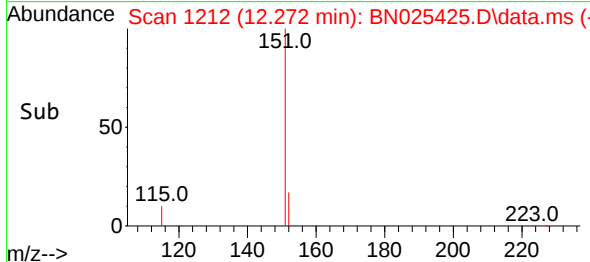
Instrument :
BNA_N
ClientSampleId :
CO-215237



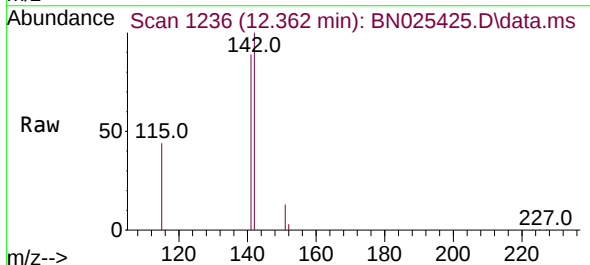
Tgt Ion:152 Resp: 7300
Ion Ratio Lower Upper
152 100
151 403.3 16.1 24.1

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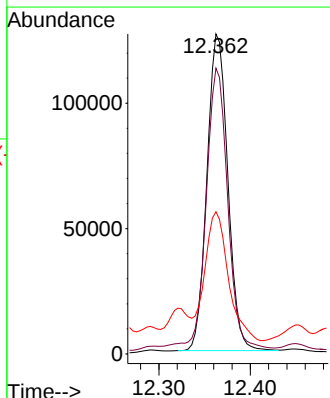
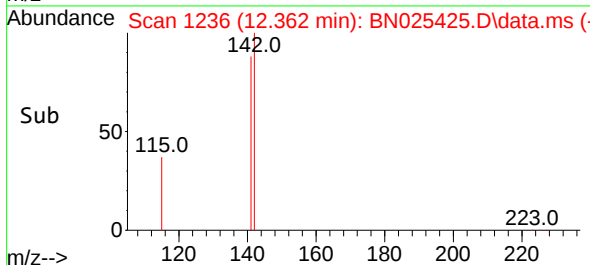
Reviewed By :Christian Giraldo 05/12/2023
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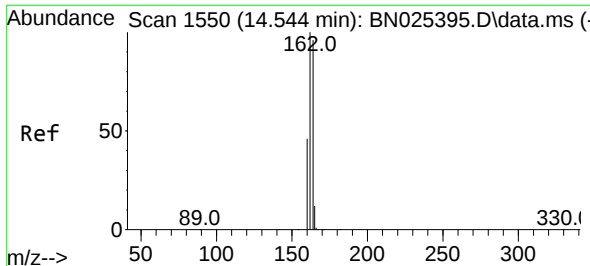


#12
2-Methylnaphthalene
Concen: 4.479 ng
RT: 12.362 min Scan# 1236
Delta R.T. -0.019 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16



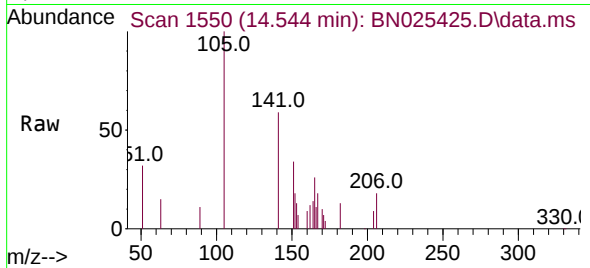
Tgt Ion:142 Resp: 200384
Ion Ratio Lower Upper
142 100
141 89.3 69.3 103.9
115 44.4 30.2 45.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

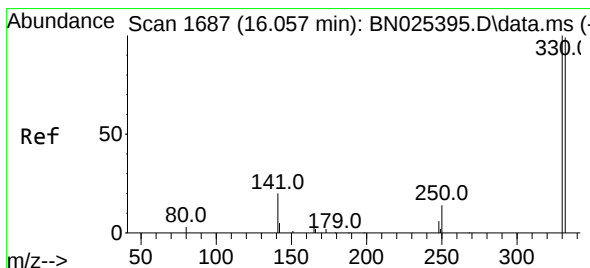
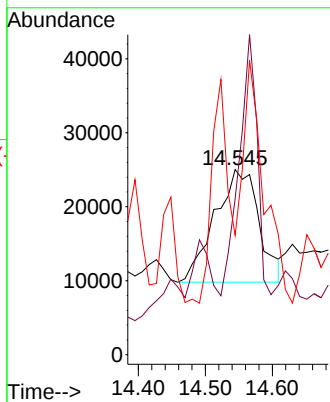
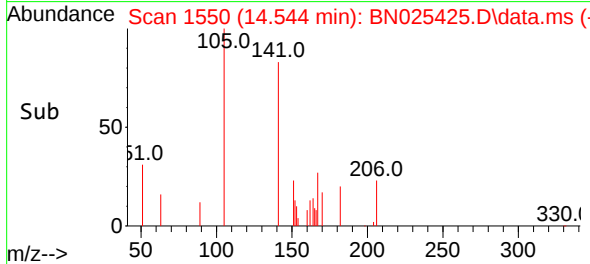
Instrument :
BNA_N
ClientSampleId :
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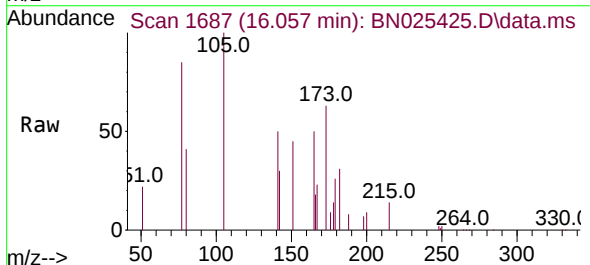
Tgt Ion:164 Resp: 6938
Ion Ratio Lower Upper
164 100
162 84.3 83.2 124.8
160 64.5 38.8 58.2

Manual Integrations
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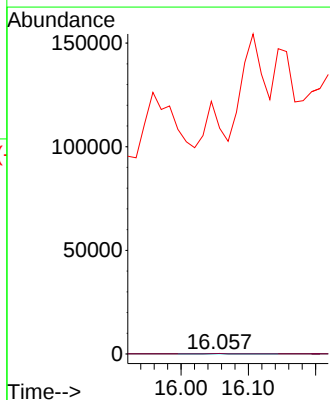
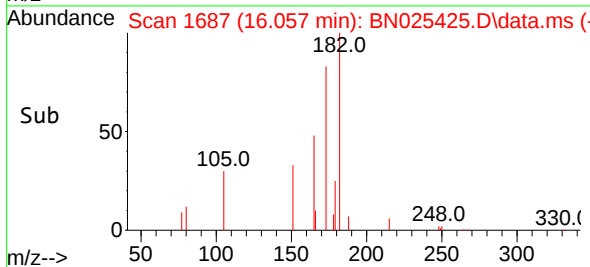
Reviewed By :Christian Giraldo 05/12/2023
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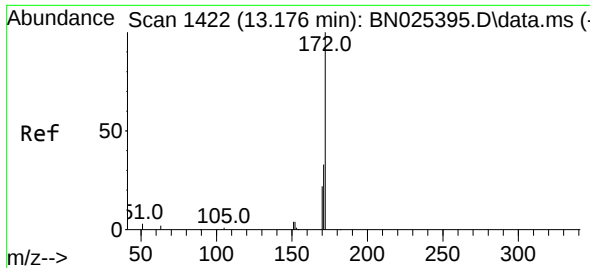


#14
2,4,6-Tribromophenol
Concen: 0.008 ng
RT: 16.057 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16



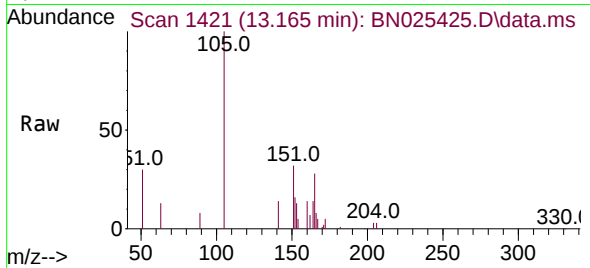
Tgt Ion:330 Resp: 303
Ion Ratio Lower Upper
330 100
332 90.1 78.0 117.0
141 10042.2 30.2 45.2#





#15
2-Fluorobiphenyl
Concen: 0.006 ng
RT: 13.165 min Scan# 1422
Delta R.T. -0.010 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

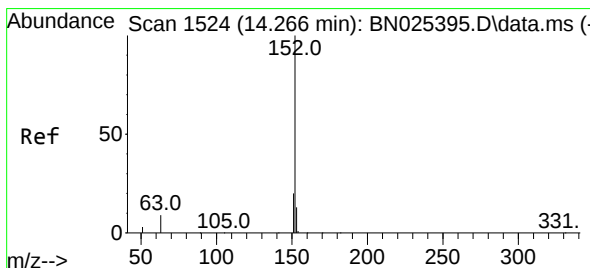
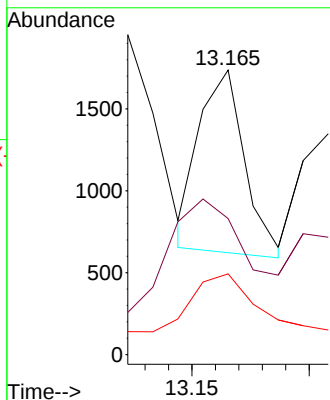
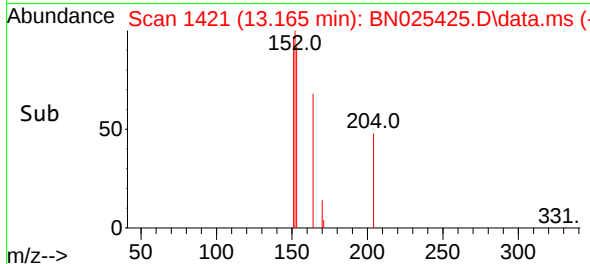
Instrument :
BNA_N
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Tgt Ion:172 Resp: 1479
Ion Ratio Lower Upper
172 100
171 47.8 26.7 40.1#
170 28.4 17.8 26.8#

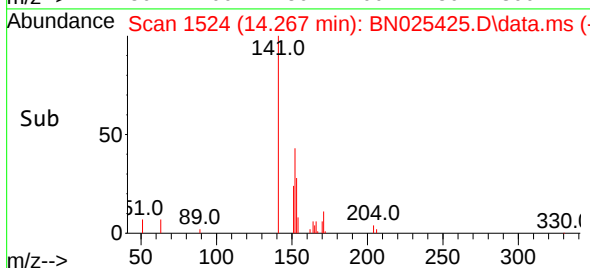
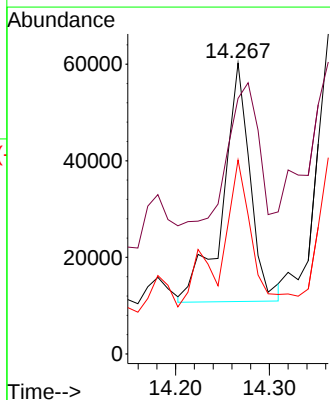
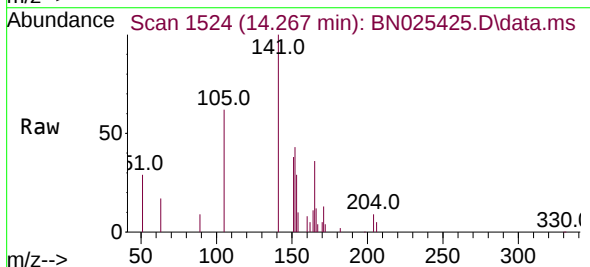
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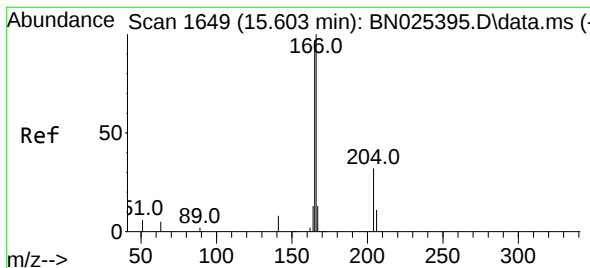
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#16
Acenaphthylene
Concen: 0.311 ng
RT: 14.267 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

Tgt Ion:152 Resp: 100349
Ion Ratio Lower Upper
152 100
151 92.2 15.9 23.9#
153 70.7 10.7 16.1#





#18

Fluorene

Concen: 0.809 ng

RT: 15.592 min Scan# 1648

Delta R.T. -0.010 min

Lab File: BN025425.D

Acq: 12 May 2023 06:16

Instrument :

BNA_N

ClientSampleId :

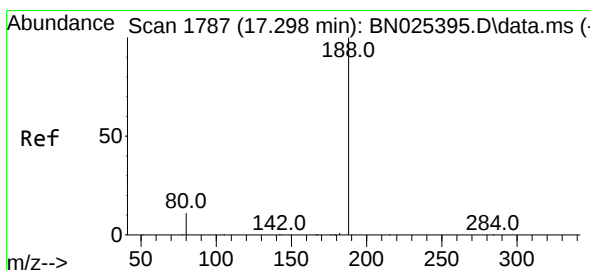
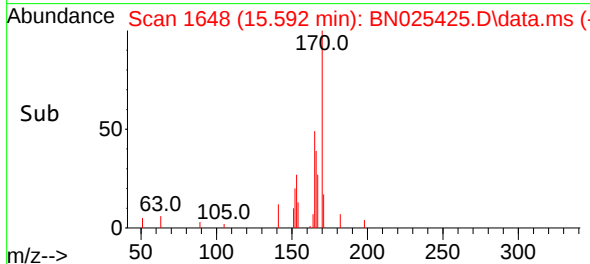
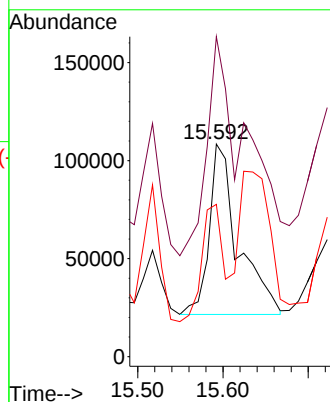
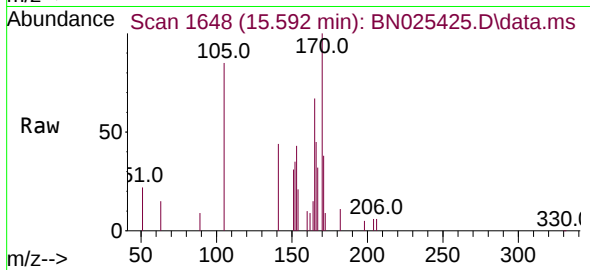
CO-215237

Tgt Ion:166 Resp: 20425
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.7 118.1
 167 49.4 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

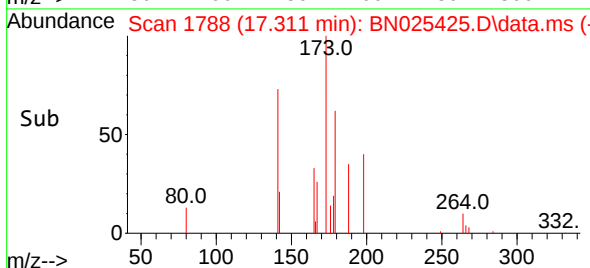
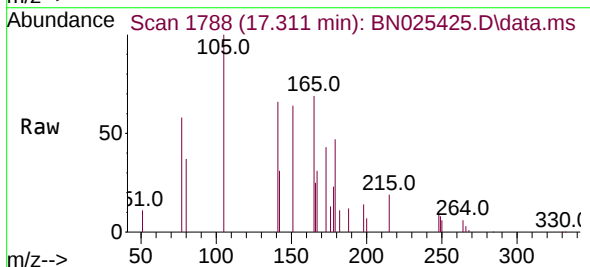
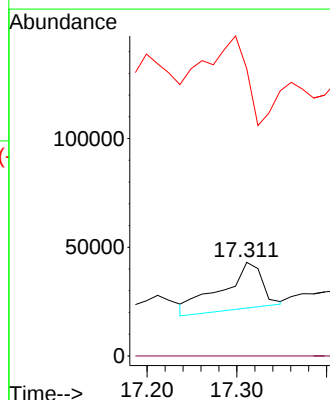
RT: 17.311 min Scan# 1788

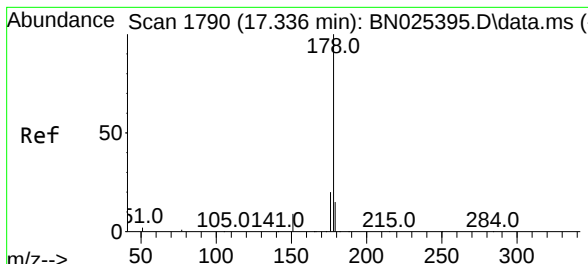
Delta R.T. 0.013 min

Lab File: BN025425.D

Acq: 12 May 2023 06:16

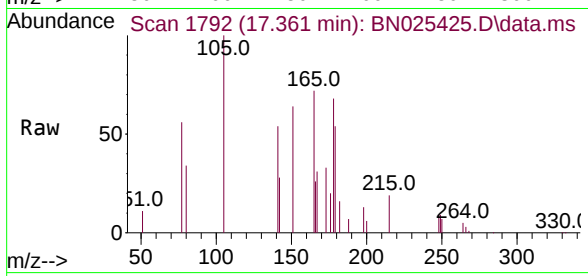
Tgt Ion:188 Resp: 67482
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 306.7 9.4 14.2





#25
 Phenanthrene
 Concen: 1.842 ng
 RT: 17.361 min Scan# 1792
 Delta R.T. 0.025 min
 Lab File: BN025425.D
 Acq: 12 May 2023 06:16

Instrument :
 BNA_N
 ClientSampleId :
 CO-215237

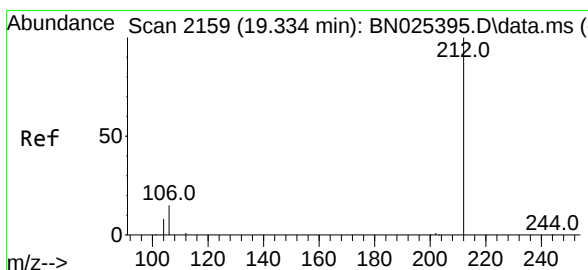
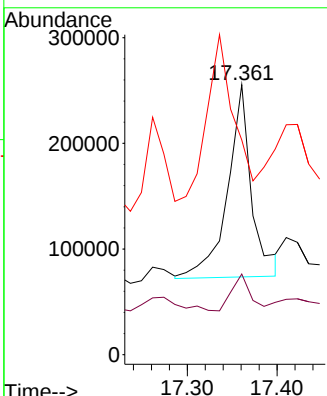
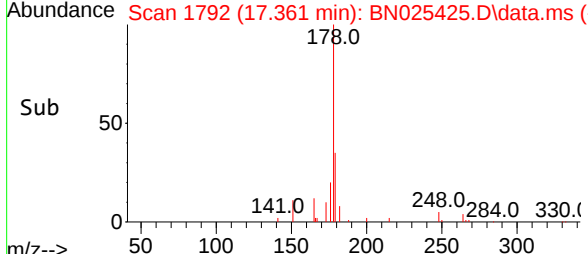


Tgt Ion: 178 Resp: 336410

Ion	Ratio	Lower	Upper
178	100		
176	15.3	15.3	22.9
179	0.0	12.1	18.1

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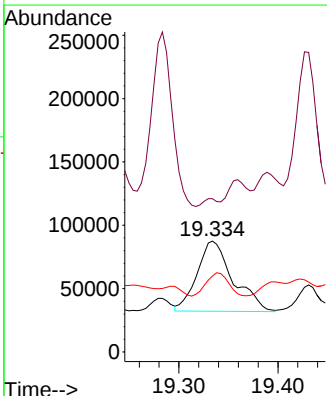
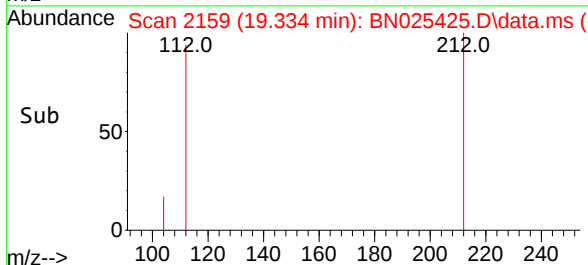
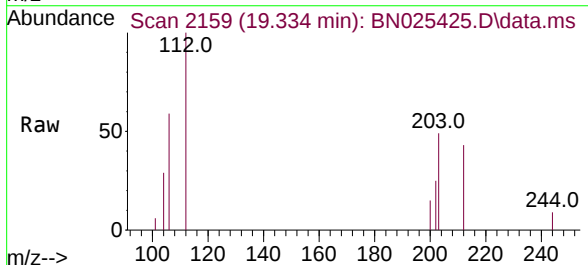
Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

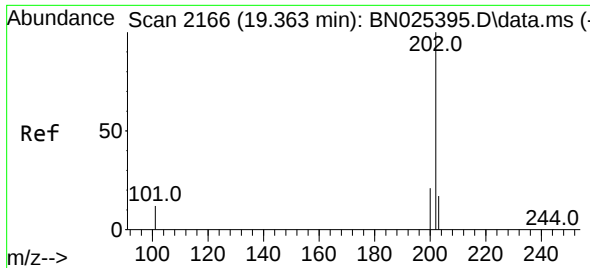


#27
 Fluoranthene-d10
 Concen: 0.905 ng
 RT: 19.334 min Scan# 2159
 Delta R.T. 0.000 min
 Lab File: BN025425.D
 Acq: 12 May 2023 06:16

Tgt Ion: 212 Resp: 139760

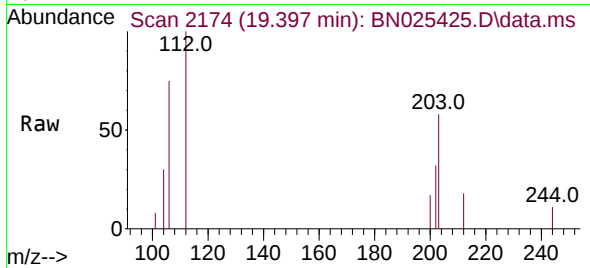
Ion	Ratio	Lower	Upper
212	100		
106	4.5	12.6	19.0
104	19.9	7.0	10.4





#28
Fluoranthene
Concen: 0.123 ng
RT: 19.397 min Scan# 2166
Delta R.T. 0.034 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

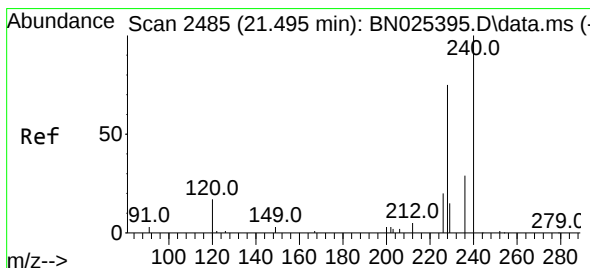
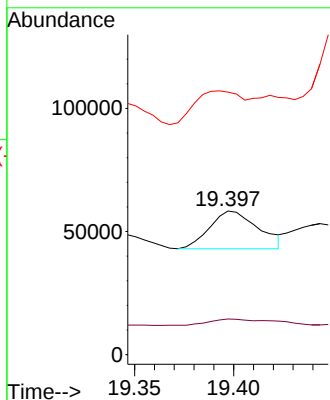
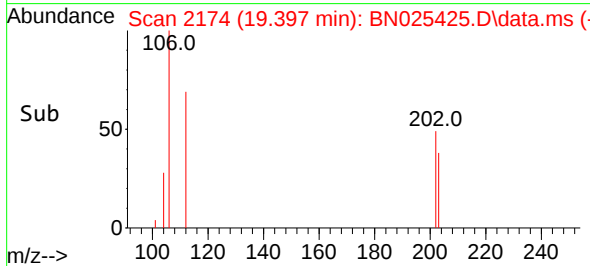
Instrument :
BNA_N
ClientSampleId :
CO-215237



Tgt Ion:202 Resp: 2609
Ion Ratio Lower Upper
202 100
101 21.8 9.8 14.8
203 86.3 13.8 20.6

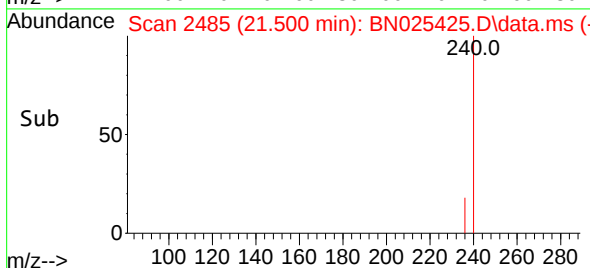
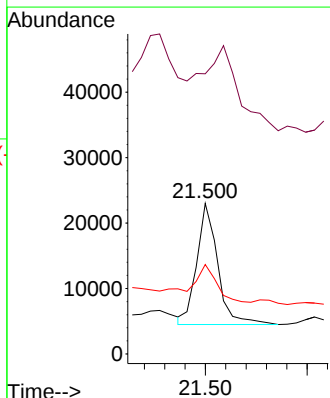
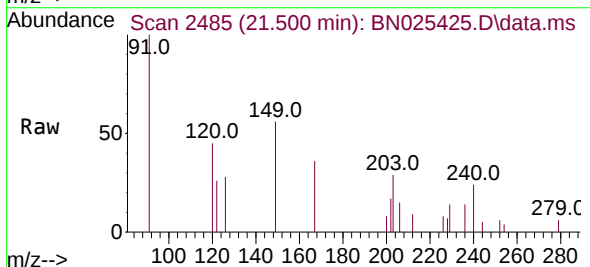
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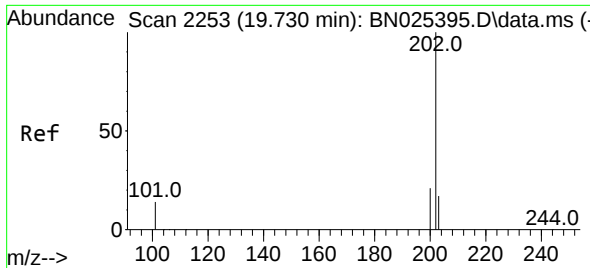
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.500 min Scan# 2485
Delta R.T. 0.005 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

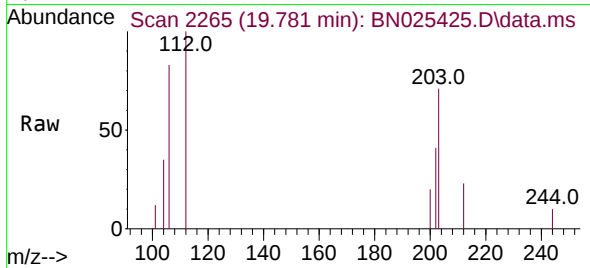
Tgt Ion:240 Resp: 26497
Ion Ratio Lower Upper
240 100
120 186.0 19.0 28.6#
236 59.3 25.0 37.6#





#30
Pyrene
Concen: 0.345 ng
RT: 19.781 min Scan# 21
Delta R.T. 0.051 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

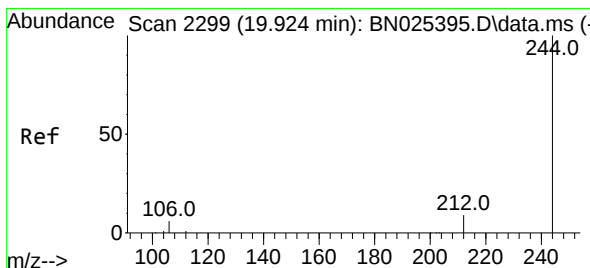
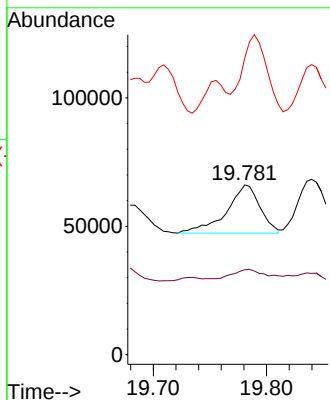
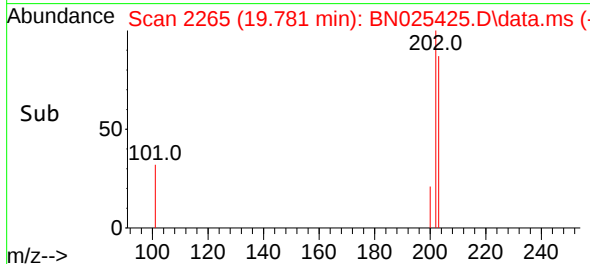
Instrument :
BNA_N
ClientSampleId :
CO-215237



Tgt Ion:202 Resp: 3855
Ion Ratio Lower Upper
202 100
200 32.7 16.8 25.2
203 128.1 14.4 21.6

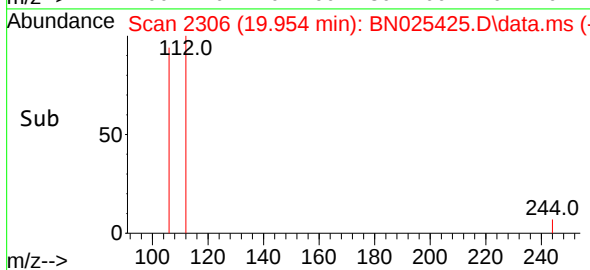
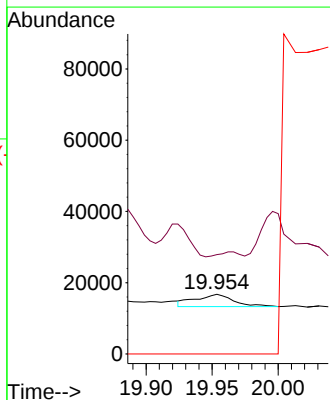
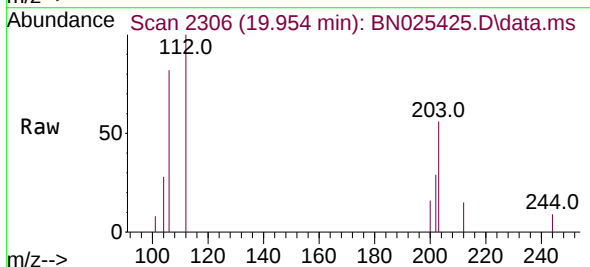
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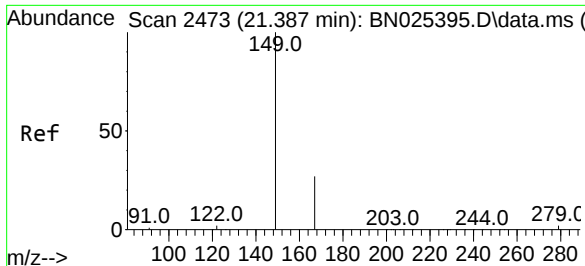
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#31
Terphenyl-d14
Concen: 0.108 ng
RT: 19.954 min Scan# 2306
Delta R.T. 0.030 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

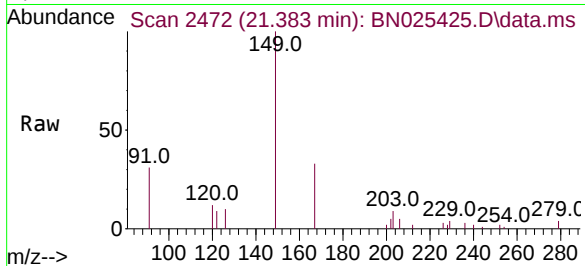
Tgt Ion:244 Resp: 6923
Ion Ratio Lower Upper
244 100
212 166.6 7.5 11.3
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 4.314 ng
RT: 21.383 min Scan# 2473
Delta R.T. -0.004 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

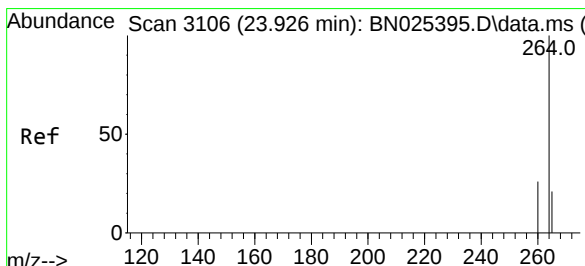
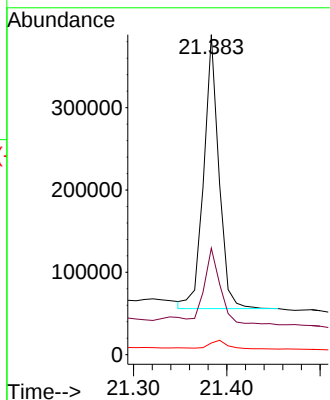
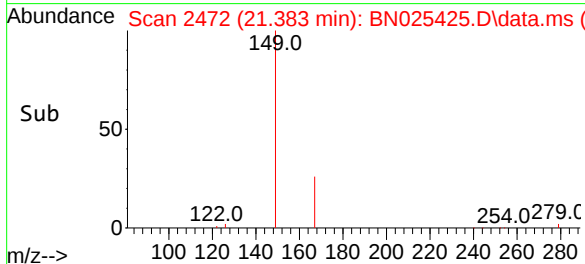
Instrument :
BNA_N
ClientSampleId :
CO-215237



Tgt Ion:149 Resp: 375519
Ion Ratio Lower Upper
149 100
167 30.3 21.7 32.5
279 3.8 3.0 4.4

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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: 23.913 min Scan# 3102
Delta R.T. -0.013 min
Lab File: BN025425.D
Acq: 12 May 2023 06:16

Tgt Ion:264 Resp: 24702
Ion Ratio Lower Upper
264 100
260 29.6 23.5 35.3
265 58.8 50.9 76.3

