

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025879.D
 Acq On : 16 Jun 2023 12:34
 Operator : MA/JU
 Sample : 03173-09DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-06B-74-79-061223DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 16 13:39:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 01:41:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5591	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	14292	0.400	ng	# 0.00
13) Acenaphthene-d10	14.630	164	7556	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	15788	0.400	ng	0.00
29) Chrysene-d12	21.560	240	11644	0.400	ng	0.00
35) Perylene-d12	24.046	264	11591	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	416	0.026	ng	0.02
5) Phenol-d6	7.189	99	304	0.016	ng	0.04
8) Nitrobenzene-d5	9.202	82	587	0.044	ng	0.04
11) 2-Methylnaphthalene-d10	12.411	152	1362	0.066	ng	0.02
14) 2,4,6-Tribromophenol	16.140	330	200	0.086	ng	0.01
15) 2-Fluorobiphenyl	13.272	172	2145	0.067	ng	0.01
27) Fluoranthene-d10	19.412	212	3108	0.096	ng	0.00
31) Terphenyl-d14	19.997	244	2573	0.091	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	12674	1.932	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.453	149	1078	0.040	ng	# 71
37) Benzo(b)fluoranthene	23.288	252	2142	0.047	ng	# 5
38) Benzo(k)fluoranthene	23.341	252	1641m	0.035	ng	
41) Benzo(g,h,i)perylene	27.452	276	1337	0.030	ng	# 64

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

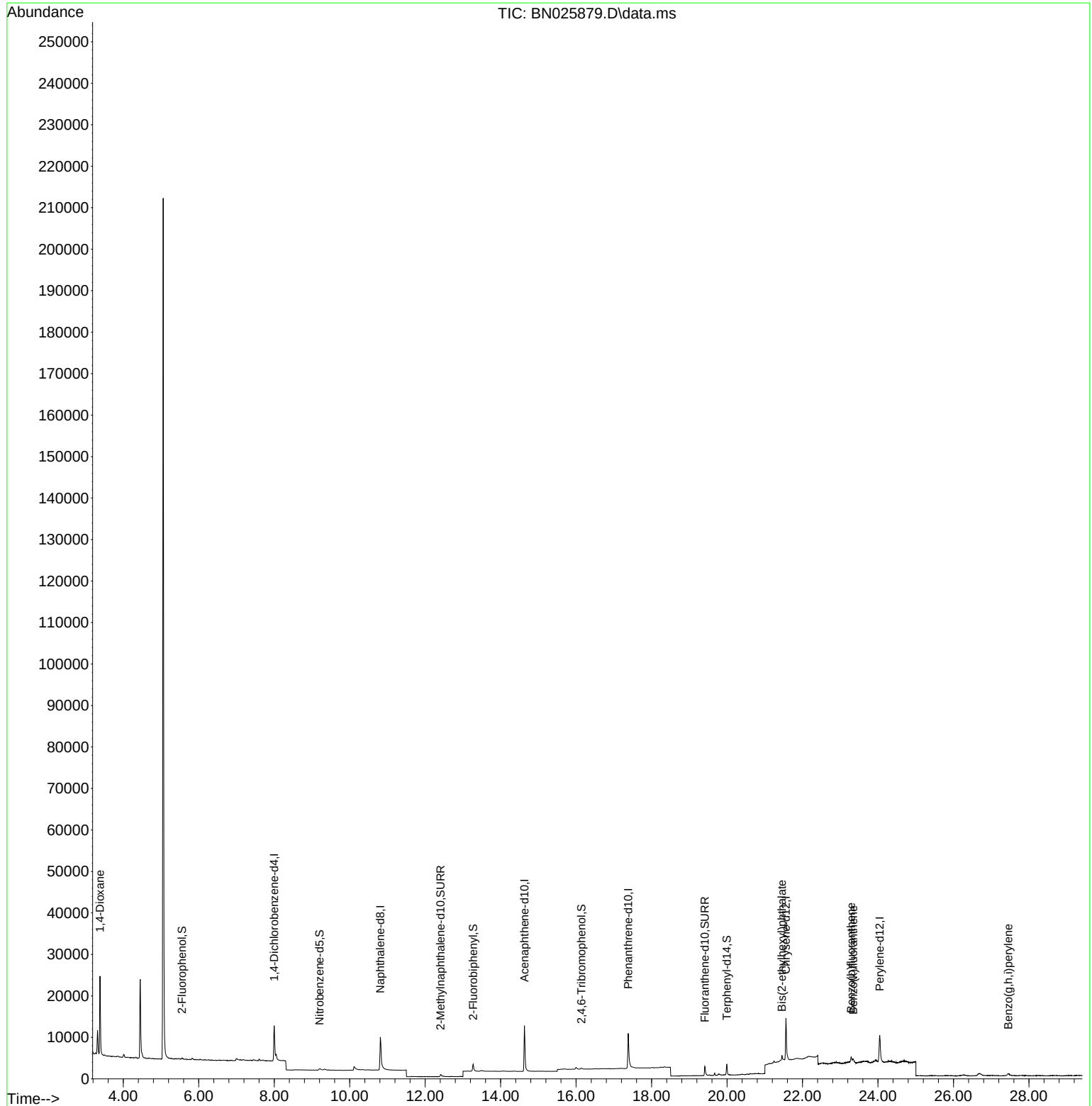
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025879.D
Acq On : 16 Jun 2023 12:34
Operator : MA/JU
Sample : 03173-09DL 5X
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ALS Vial : 5 Sample Multiplier: 1

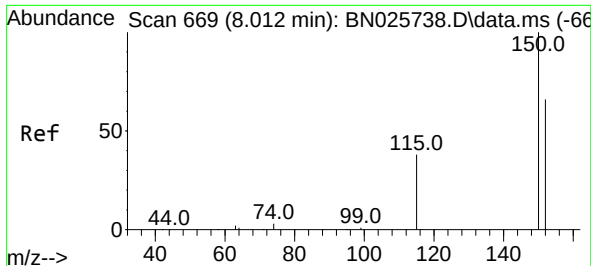
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223DL

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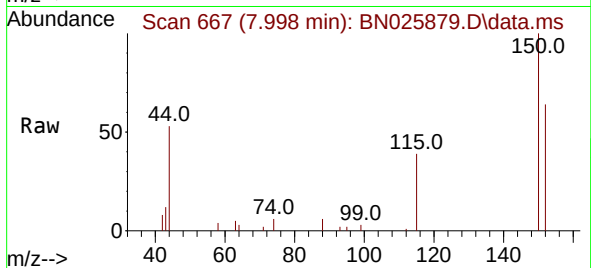
Quant Time: Jun 16 13:39:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 01:41:46 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

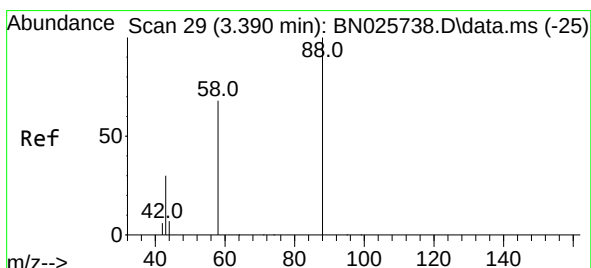
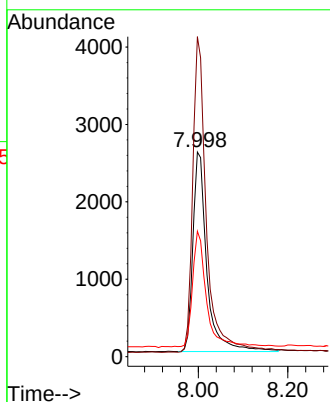
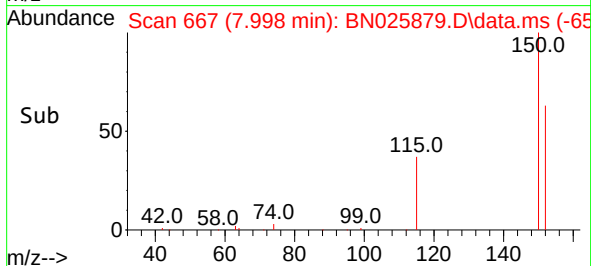
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223DL



Tgt Ion:152 Resp: 559
Ion Ratio Lower Upper
152 100
150 156.4 121.5 182.3
115 61.3 47.7 71.5

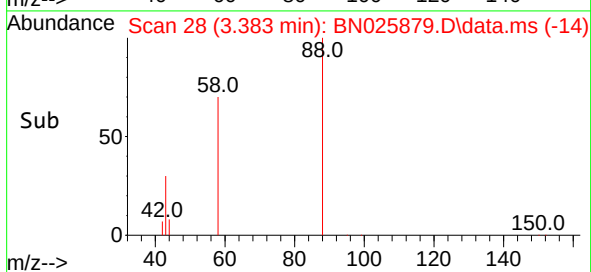
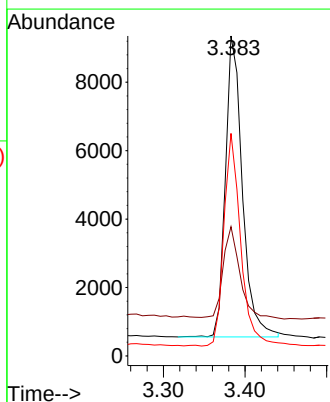
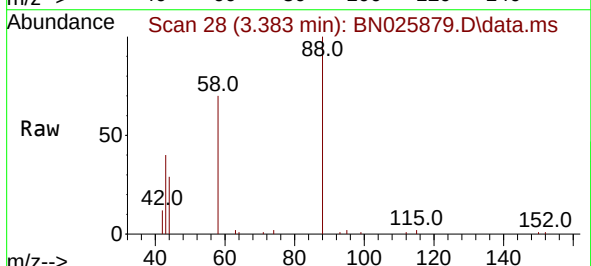
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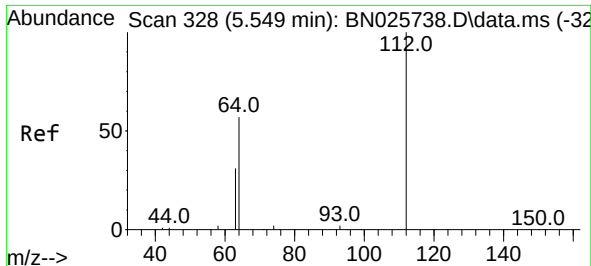
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 1.932 ng
RT: 3.383 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

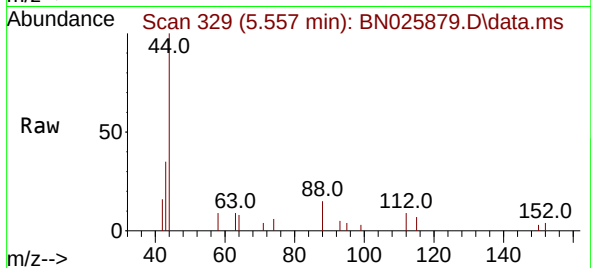
Tgt Ion: 88 Resp: 12674
Ion Ratio Lower Upper
88 100
43 29.5 31.0 46.4#
58 69.5 57.3 85.9





#4
2-Fluorophenol
Concen: 0.026 ng
RT: 5.557 min Scan# 31
Delta R.T. 0.022 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

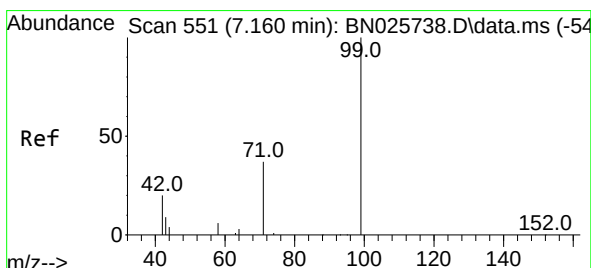
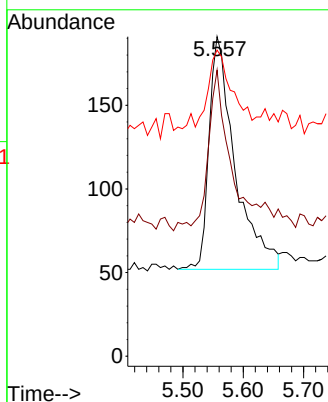
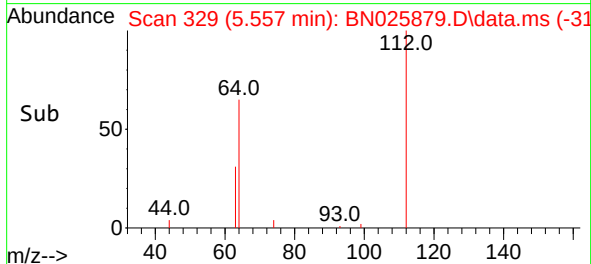
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223DL



Tgt Ion: 112 Resp: 410
Ion Ratio Lower Upper
112 100
64 63.5 47.5 71.3
63 32.7 26.2 39.4

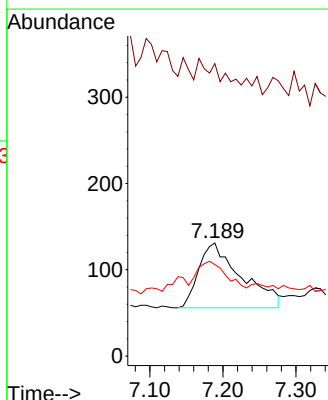
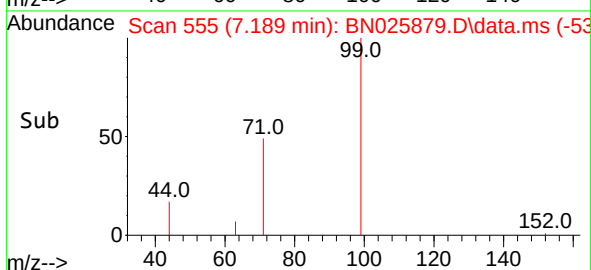
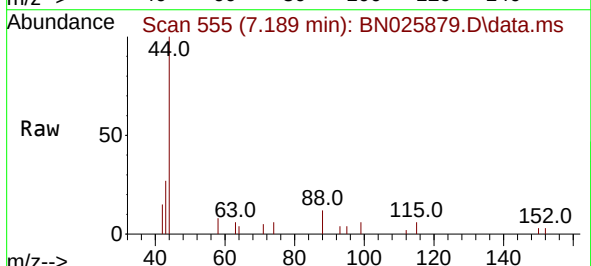
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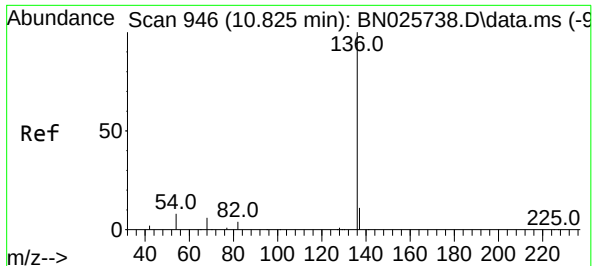
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#5
Phenol-d6
Concen: 0.016 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.036 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

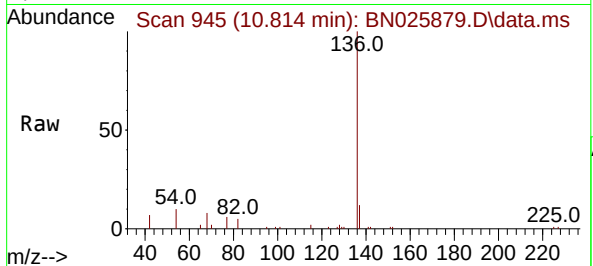
Tgt Ion: 99 Resp: 304
Ion Ratio Lower Upper
99 100
42 0.0 18.6 28.0#
71 31.3 30.5 45.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

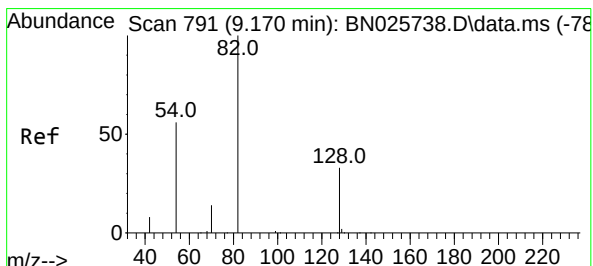
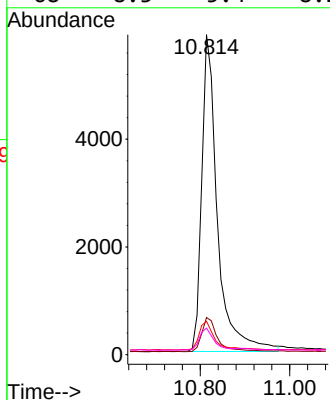
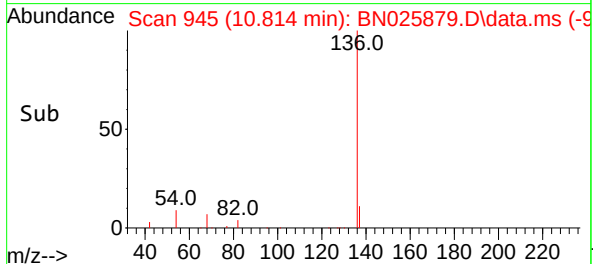
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223DL



Tgt Ion: 136 Resp: 1429
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 10.4 7.2 10.8
68 8.3 5.4 8.2#

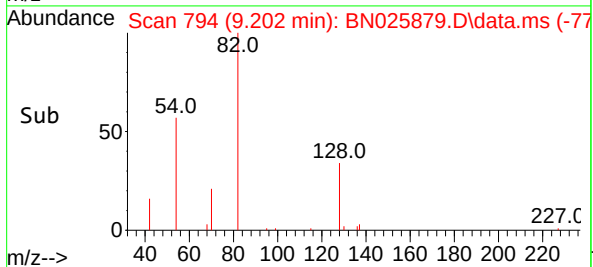
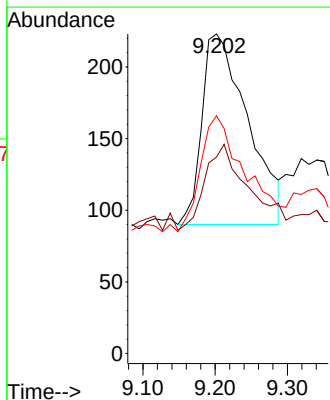
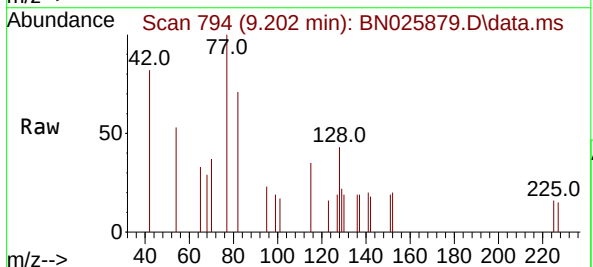
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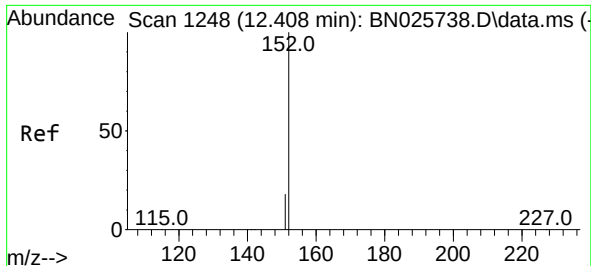
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#8
Nitrobenzene-d5
Concen: 0.044 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.043 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

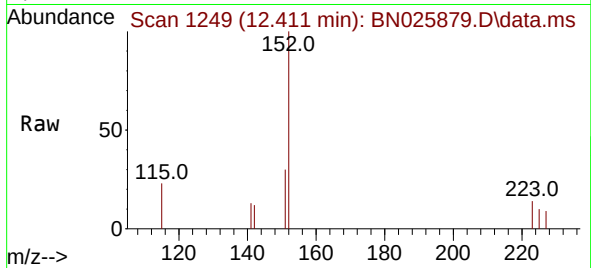
Tgt Ion: 82 Resp: 587
Ion Ratio Lower Upper
82 100
128 61.4 27.6 41.4#
54 74.4 45.7 68.5#





#11
2-Methylnaphthalene-d10
Concen: 0.066 ng
RT: 12.411 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

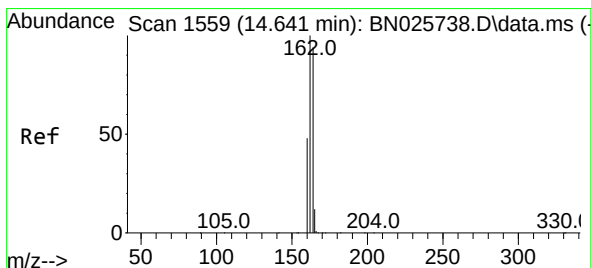
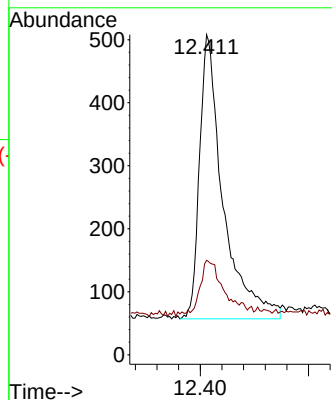
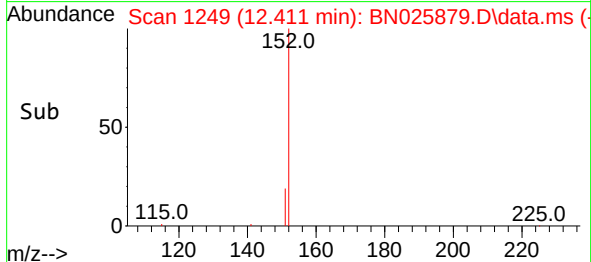
Instrument :
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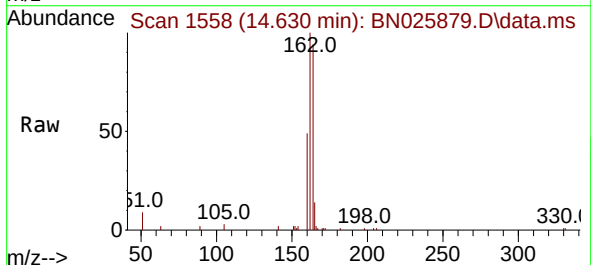
Tgt Ion:152 Resp: 1362
Ion Ratio Lower Upper
152 100
151 19.4 16.4 24.6

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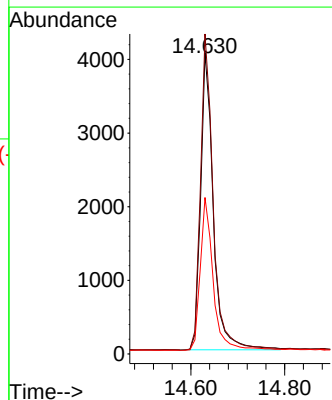
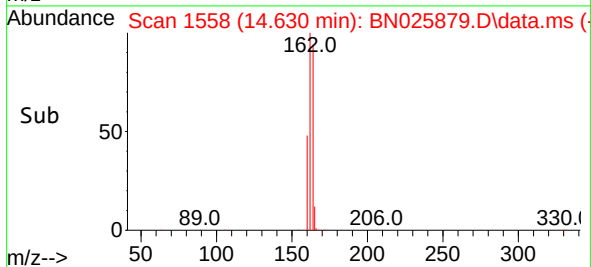
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

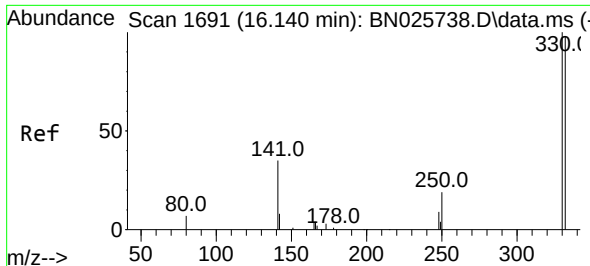


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34



Tgt Ion:164 Resp: 7556
Ion Ratio Lower Upper
164 100
162 106.3 85.0 127.6
160 52.0 41.1 61.7





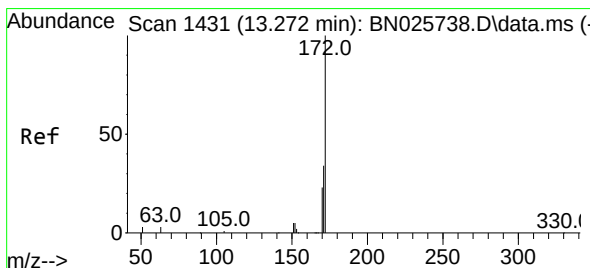
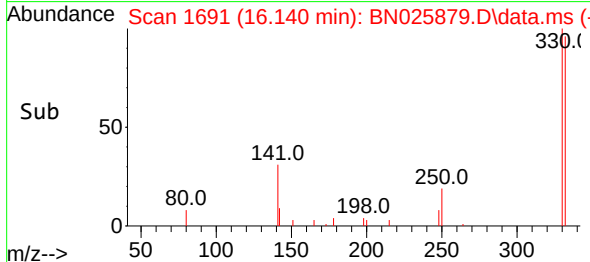
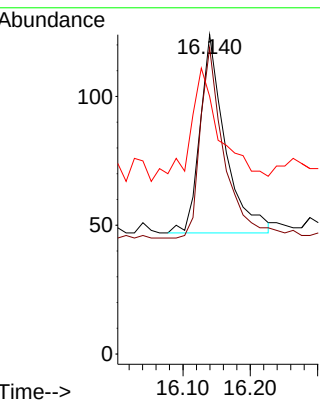
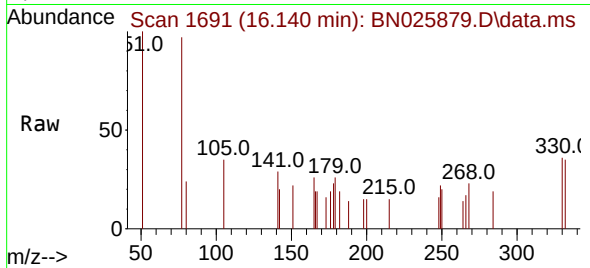
#14
2,4,6-Tribromophenol
Concen: 0.086 ng
RT: 16.140 min Scan# 1691
Delta R.T. 0.013 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223DL

Tgt Ion:330 Resp: 200
Ion Ratio Lower Upper
330 100
332 89.0 77.3 115.9
141 69.0 55.0 82.6

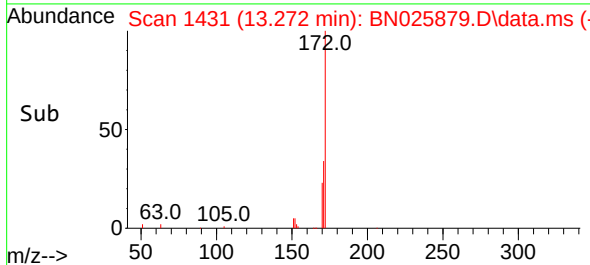
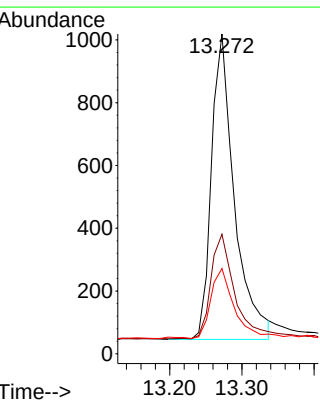
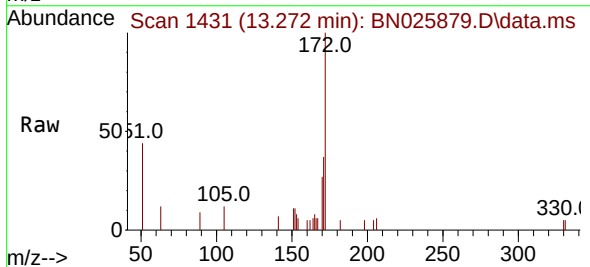
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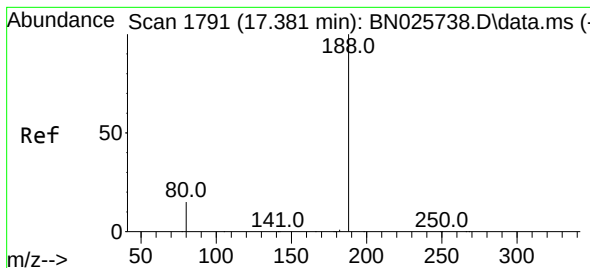
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#15
2-Fluorobiphenyl
Concen: 0.067 ng
RT: 13.272 min Scan# 1431
Delta R.T. 0.011 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

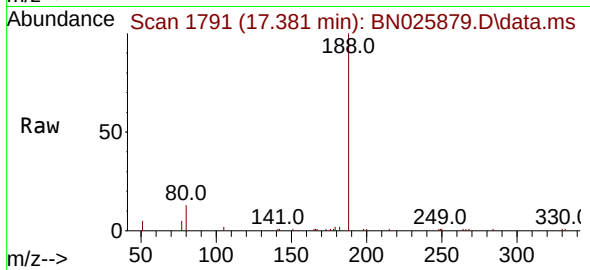
Tgt Ion:172 Resp: 2145
Ion Ratio Lower Upper
172 100
171 37.4 27.3 40.9
170 26.7 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

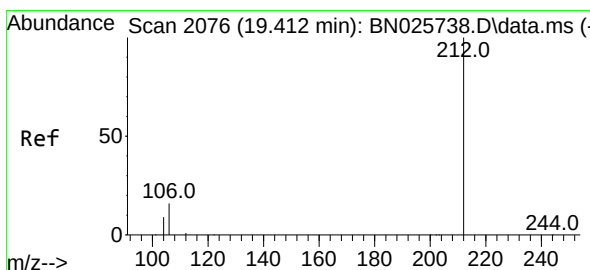
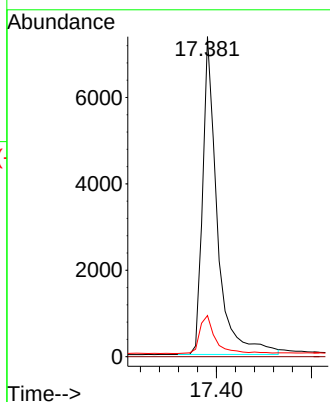
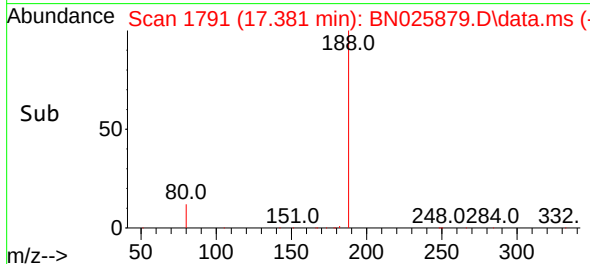
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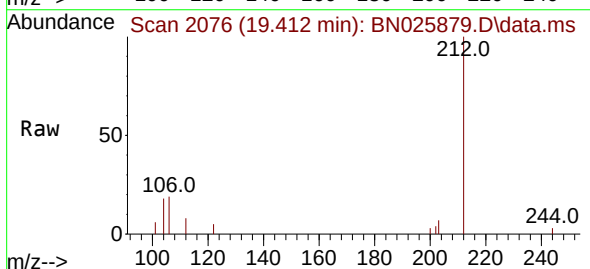
Tgt Ion:188 Resp: 1578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 12.1 18.1

Manual Integrations
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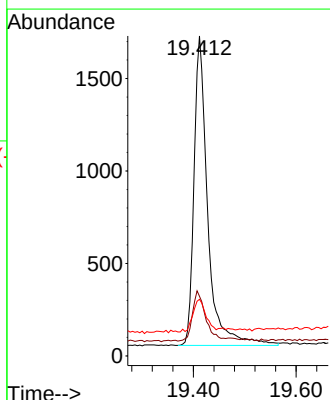
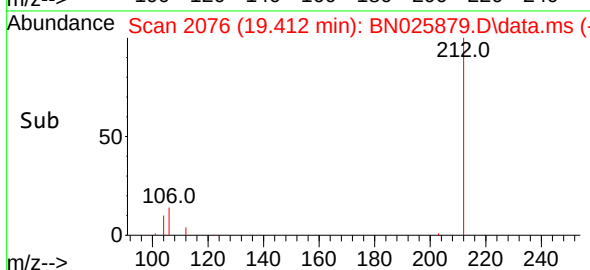
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

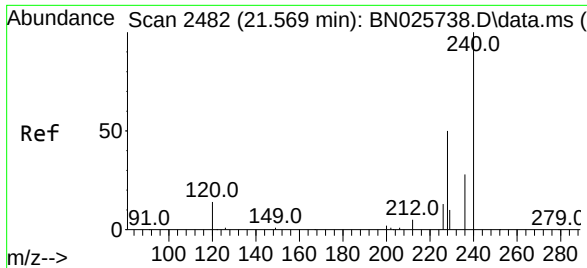


#27
Fluoranthene-d10
Concen: 0.096 ng
RT: 19.412 min Scan# 2076
Delta R.T. 0.010 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34



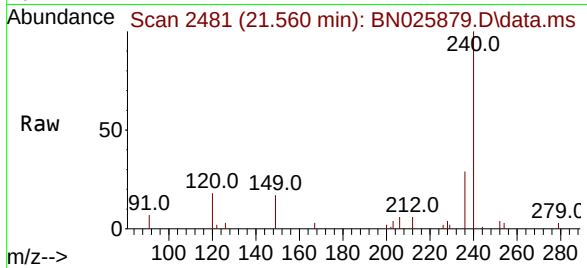
Tgt Ion:212 Resp: 3108
Ion Ratio Lower Upper
212 100
106 15.6 13.0 19.6
104 10.1 7.7 11.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

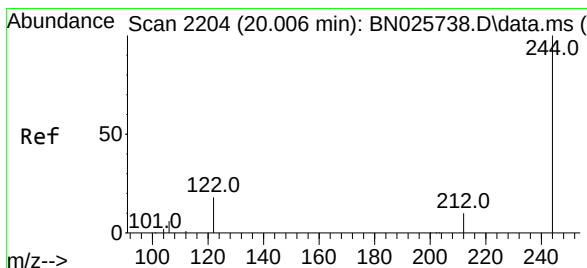
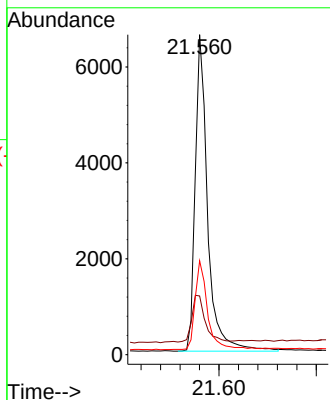
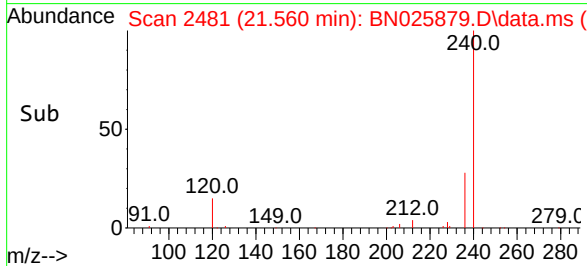
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223DL



Tgt Ion:240 Resp: 11644
Ion Ratio Lower Upper
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120 18.4 13.2 19.8
236 29.3 23.1 34.7

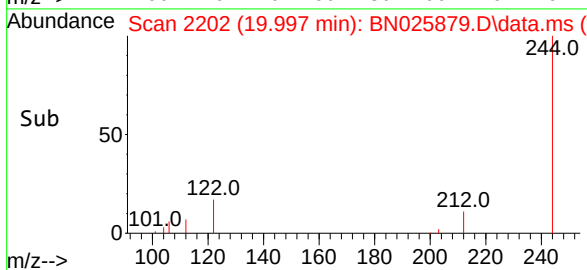
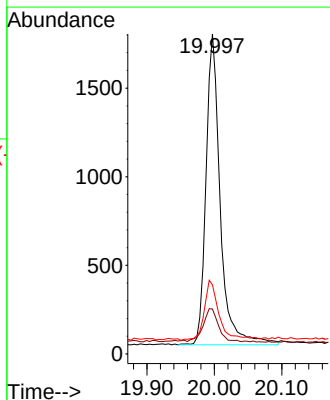
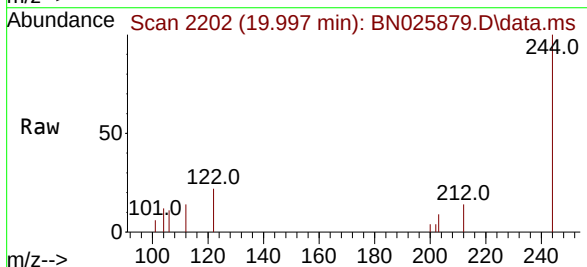
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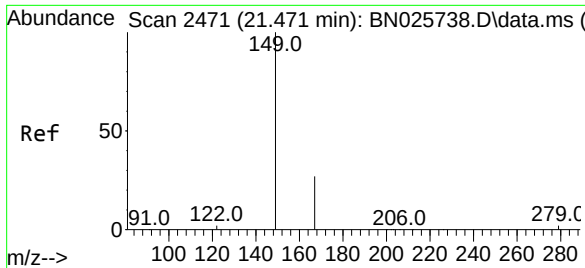
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#31
Terphenyl-d14
Concen: 0.091 ng
RT: 19.997 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

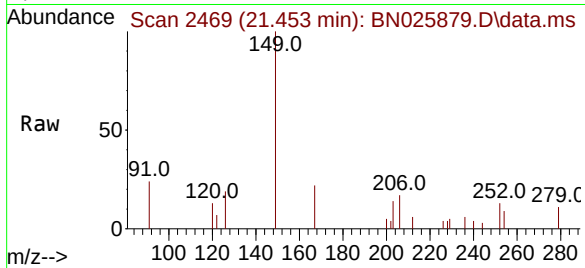
Tgt Ion:244 Resp: 2573
Ion Ratio Lower Upper
244 100
212 14.1 8.6 12.8#
122 21.6 15.2 22.8





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.453 min Scan# 2469
 Delta R.T. -0.009 min
 Lab File: BN025879.D
 Acq: 16 Jun 2023 12:34

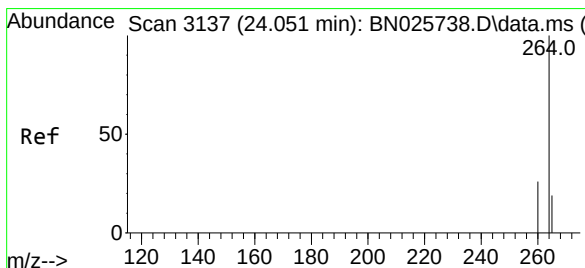
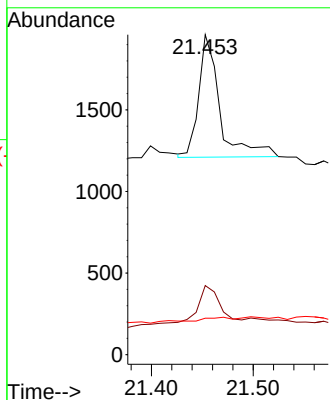
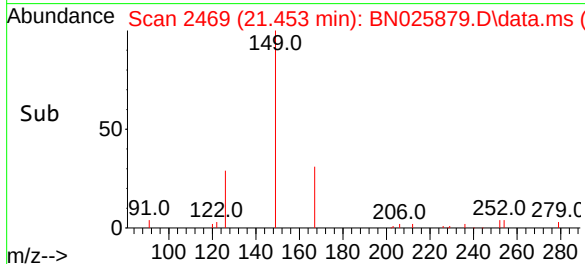
Instrument :
 BNA_N
 ClientSampleId :
 OW-06B-74-79-061223DL



Tgt Ion:149 Resp: 1078
 Ion Ratio Lower Upper
 149 100
 167 42.7 21.0 31.6
 279 3.7 2.2 3.4

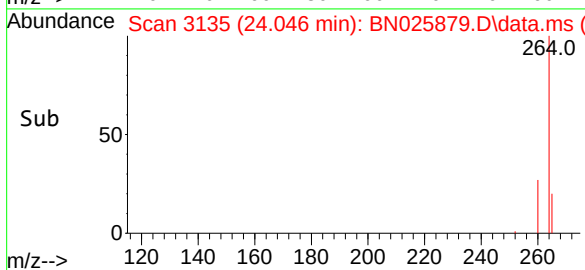
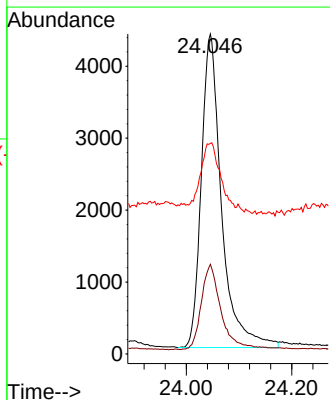
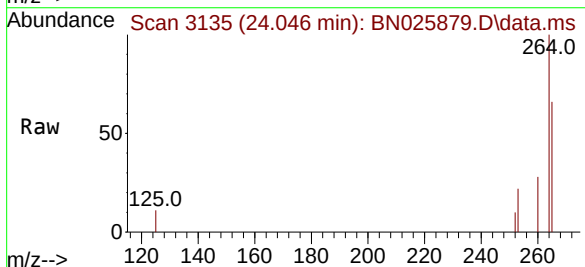
Manual Integrations
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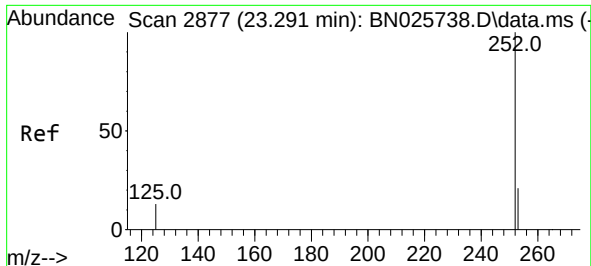
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.046 min Scan# 3135
 Delta R.T. -0.003 min
 Lab File: BN025879.D
 Acq: 16 Jun 2023 12:34

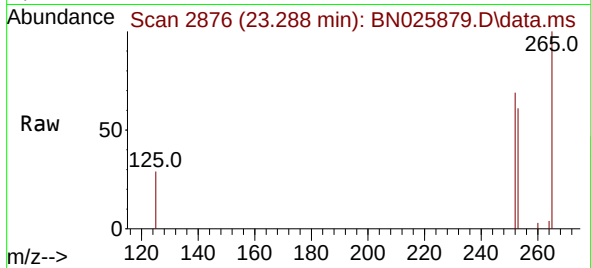
Tgt Ion:264 Resp: 11591
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.4 32.2
 265 65.8 44.7 67.1





#37
Benzo(b)fluoranthene
Concen: 0.047 ng
RT: 23.288 min Scan# 2876
Delta R.T. 0.006 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

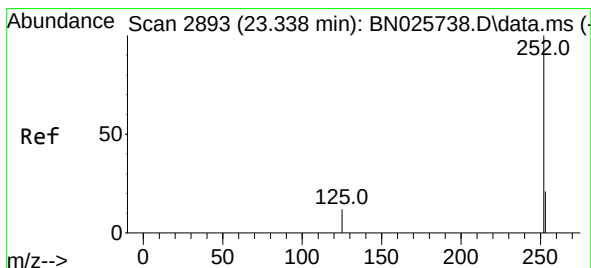
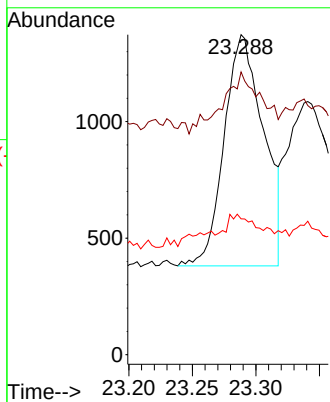
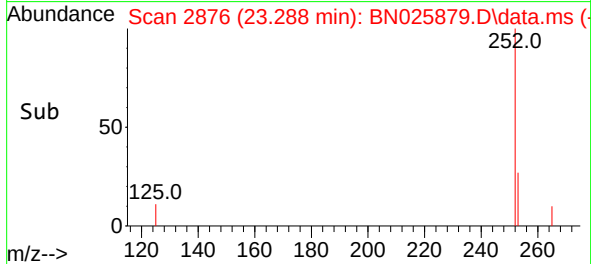
Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223DL



Tgt Ion:252 Resp: 214
Ion Ratio Lower Upper
252 100
253 88.3 23.4 35.0#
125 42.5 12.3 18.5#

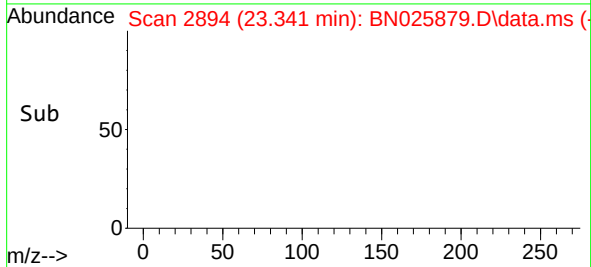
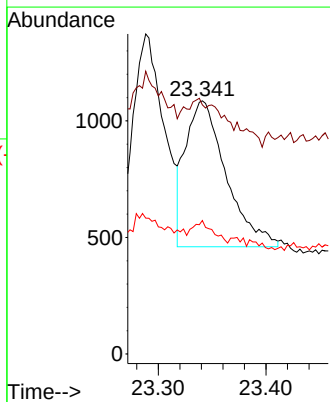
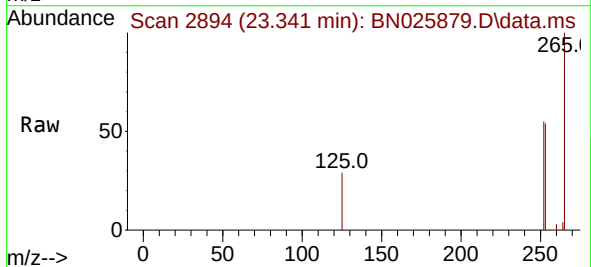
Manual Integrations
APPROVED

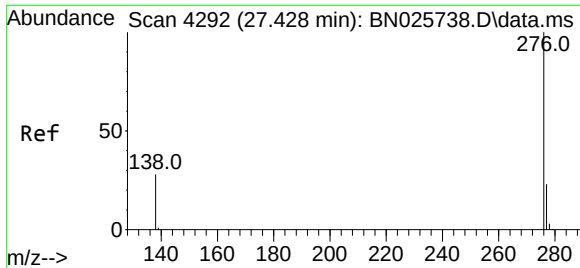
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#38
Benzo(k)fluoranthene
Concen: 0.035 ng m
RT: 23.341 min Scan# 2894
Delta R.T. 0.012 min
Lab File: BN025879.D
Acq: 16 Jun 2023 12:34

Tgt Ion:252 Resp: 1641
Ion Ratio Lower Upper
252 100
253 98.4 24.2 36.4#
125 52.8 12.2 18.2#





#41

Benzo(g,h,i)perylene

Concen: 0.030 ng

RT: 27.452 min Scan# 41

Delta R.T. 0.006 min

Lab File: BN025879.D

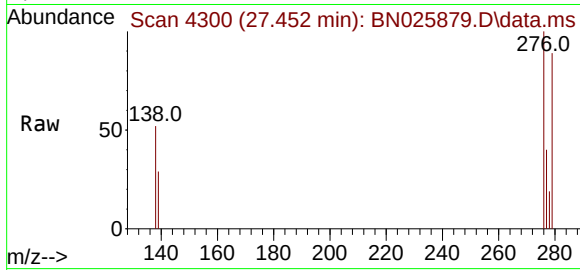
Acq: 16 Jun 2023 12:34

Instrument :

BNA_N

ClientSampleId :

OW-06B-74-79-061223DL



Tgt Ion:276 Resp: 133

Ion Ratio Lower Upper

276 100

277 40.2 20.2 30.2

138 52.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023

