

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025878.D
 Acq On : 16 Jun 2023 11:58
 Operator : MA/JU
 Sample : 03123-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-823-825

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 00:55:30 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 14:10:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5011	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	13907	0.400	ng	# 0.00
13) Acenaphthene-d10	14.630	164	8469	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	16921	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	14005	0.400	ng	0.00
35) Perylene-d12	24.031	264	14836	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	465	0.033	ng	0.02
5) Phenol-d6	7.174	99	398	0.023	ng	0.02
8) Nitrobenzene-d5	9.191	82	2029	0.157	ng	0.02
11) 2-Methylnaphthalene-d10	12.400	152	3850	0.192	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	167	0.064	ng	0.00
15) 2-Fluorobiphenyl	13.262	172	4160	0.116	ng	0.00
27) Fluoranthene-d10	19.407	212	2543	0.073	ng	0.00
31) Terphenyl-d14	19.992	244	2016	0.059	ng	0.00
Target Compounds						
9) Naphthalene	10.867	128	842	0.020	ng	# 47
34) Bis(2-ethylhexyl)phtha...	21.453	149	15733	0.489	ng	98
36) Indeno(1,2,3-cd)pyrene	26.621	276	1831	0.029	ng	# 75
37) Benzo(b)fluoranthene	23.279	252	3222	0.055	ng	# 11
38) Benzo(k)fluoranthene	23.329	252	2544m	0.043	ng	
41) Benzo(g,h,i)perylene	27.408	276	1978	0.034	ng	# 69

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

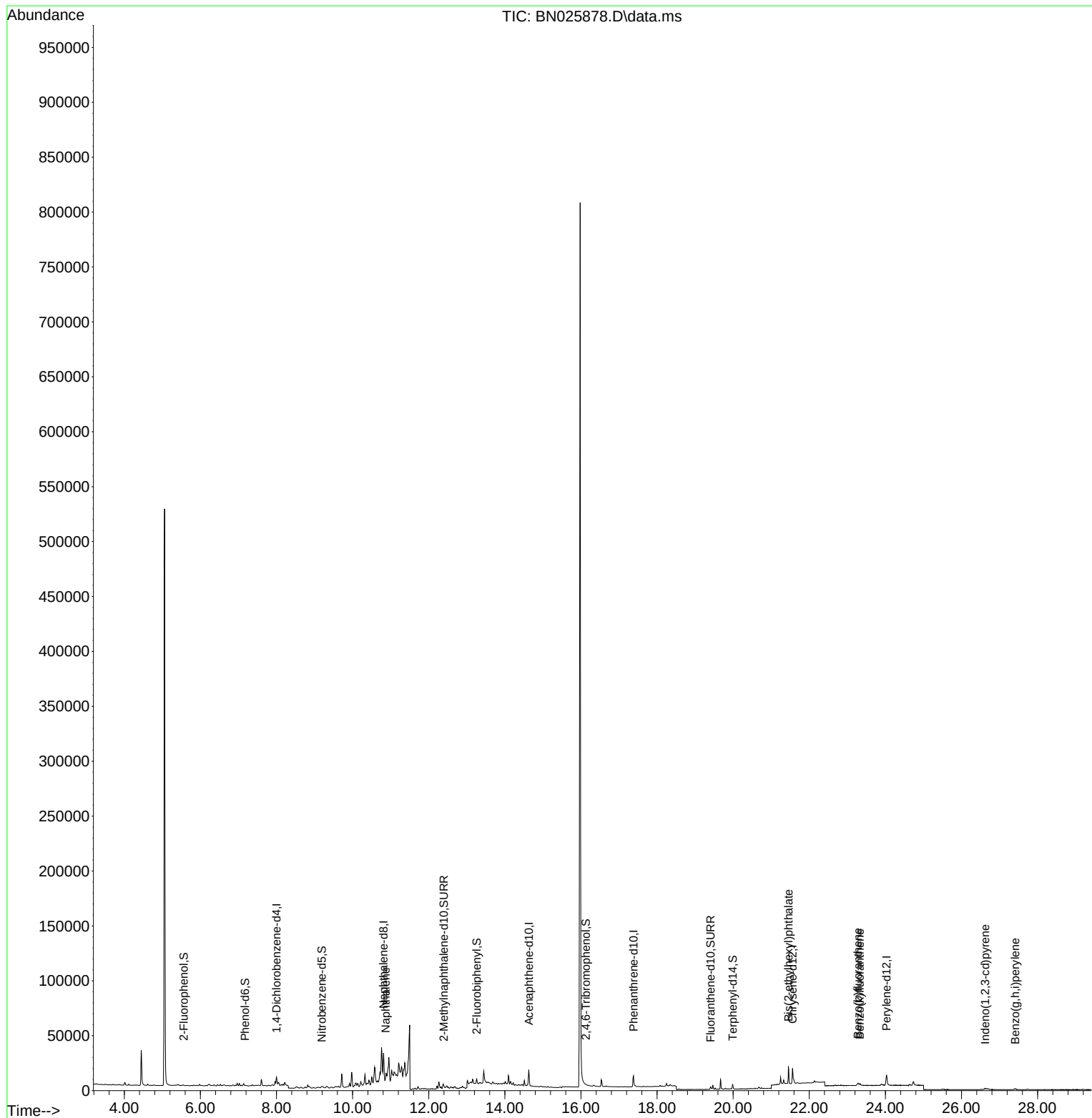
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025878.D
Acq On : 16 Jun 2023 11:58
Operator : MA/JU
Sample : 03123-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

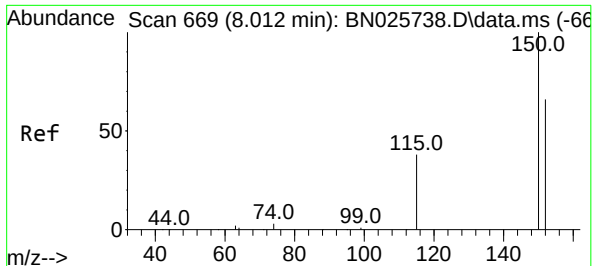
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825

Quant Time: Jun 17 00:55:30 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 14:10:48 2023
Response via : Initial Calibration

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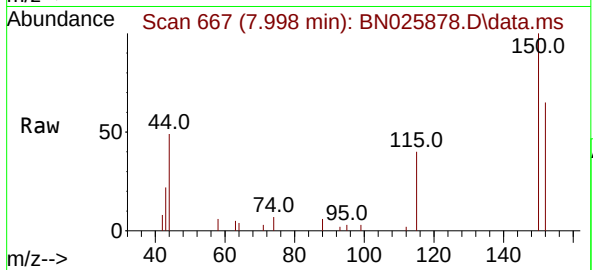
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

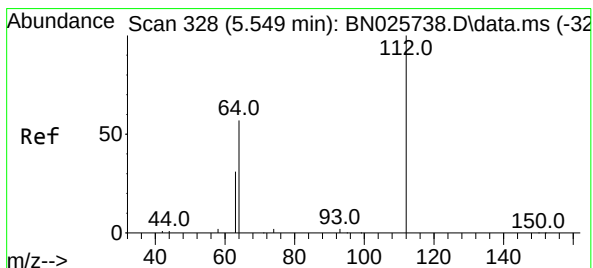
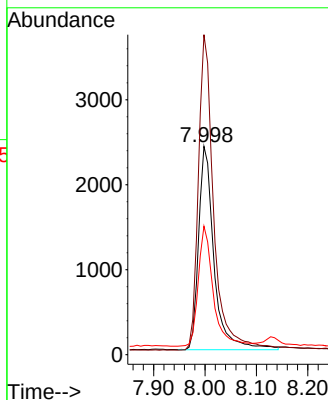
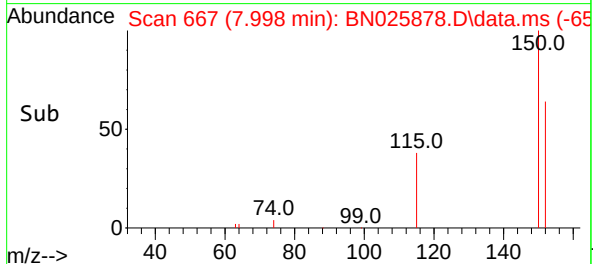
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion:152 Resp: 501
Ion Ratio Lower Upper
152 100
150 153.7 121.5 182.3
115 61.7 47.7 71.5

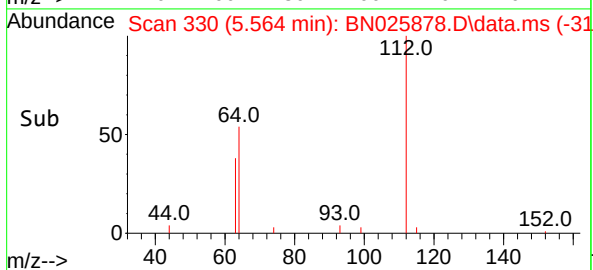
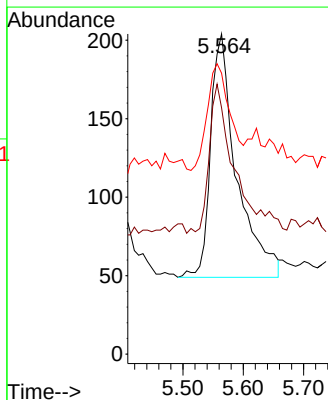
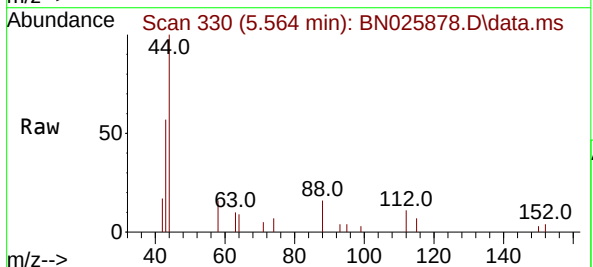
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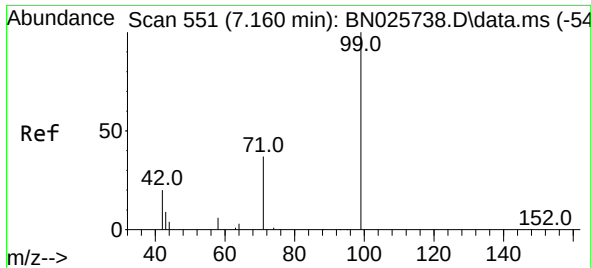
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.022 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

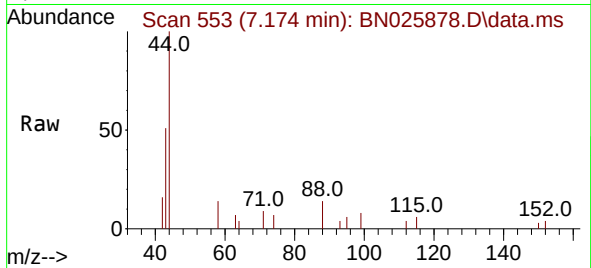
Tgt Ion:112 Resp: 465
Ion Ratio Lower Upper
112 100
64 57.6 47.5 71.3
63 38.9 26.2 39.4





#5
Phenol-d6
Concen: 0.023 ng
RT: 7.174 min Scan# 551
Delta R.T. 0.022 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

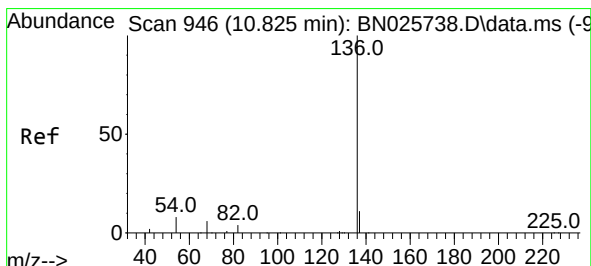
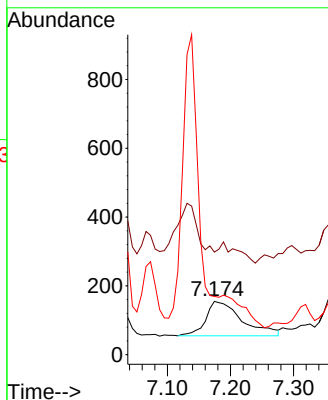
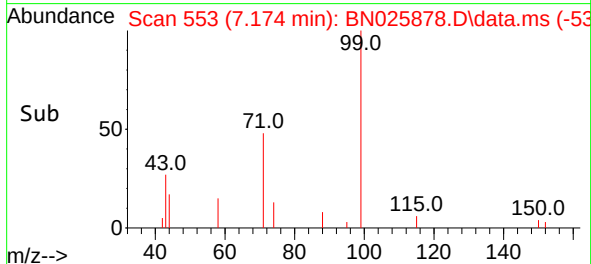
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion: 99 Resp: 398
Ion Ratio Lower Upper
99 100
42 30.9 18.6 28.0#
71 0.0 30.5 45.7#

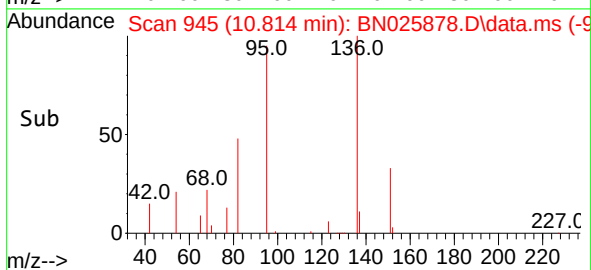
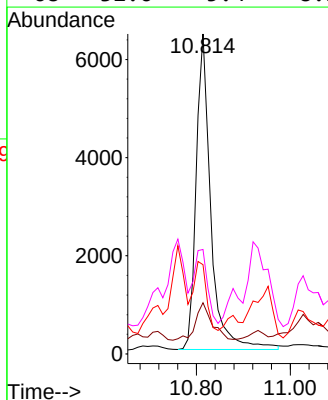
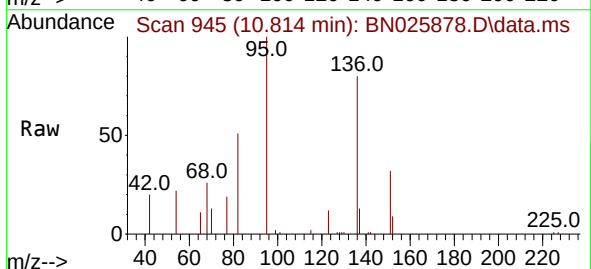
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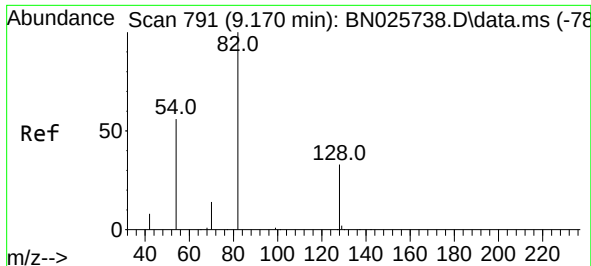
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Tgt Ion:136 Resp: 13907
Ion Ratio Lower Upper
136 100
137 16.0 9.3 13.9#
54 27.9 7.2 10.8#
68 32.6 5.4 8.2#





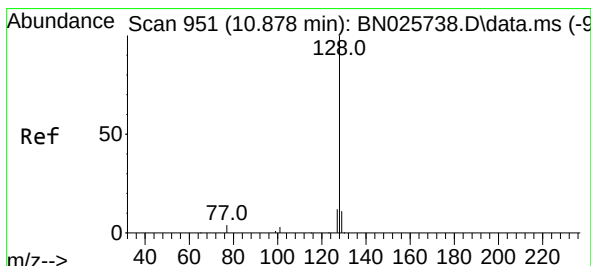
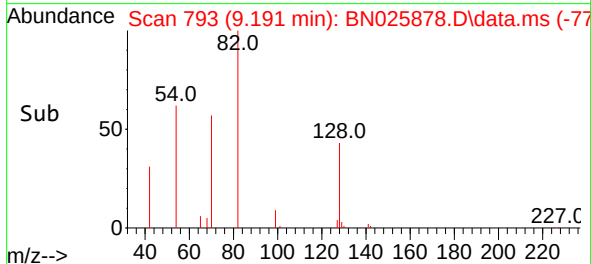
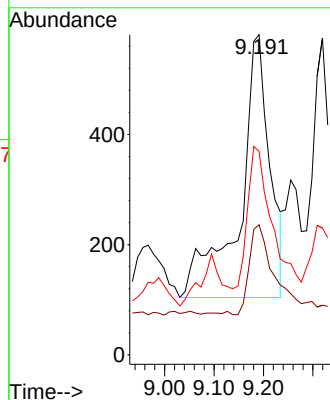
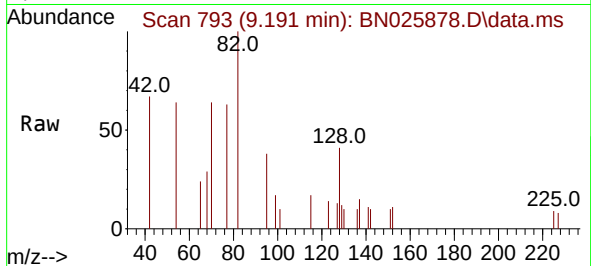
#8
Nitrobenzene-d5
Concen: 0.157 ng
RT: 9.191 min Scan# 791
Delta R.T. 0.021 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825

Tgt Ion: 82 Resp: 2029
Ion Ratio Lower Upper
82 100
128 40.6 27.6 41.4
54 63.5 45.7 68.5

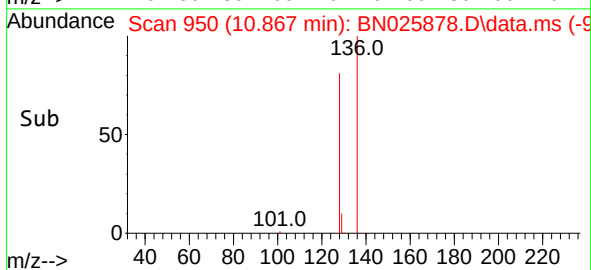
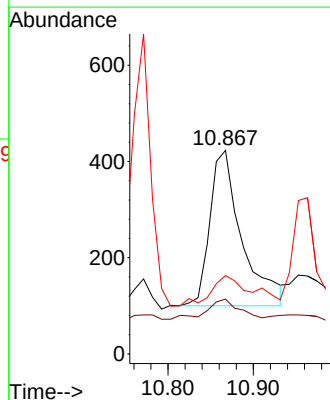
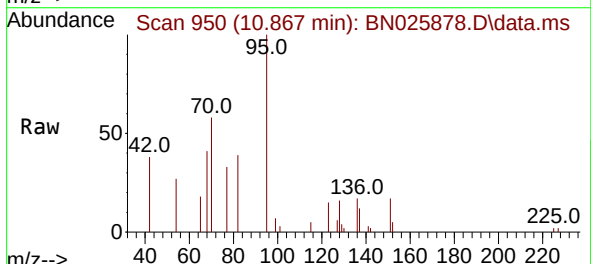
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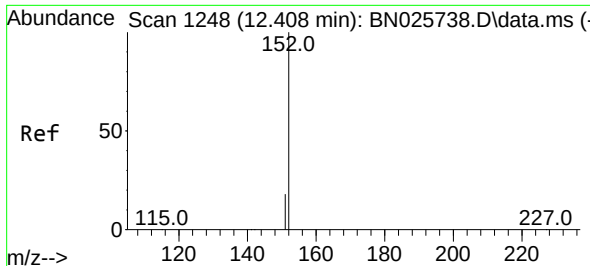
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#9
Naphthalene
Concen: 0.020 ng
RT: 10.867 min Scan# 950
Delta R.T. 0.011 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

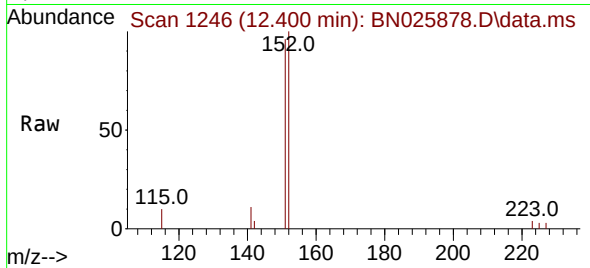
Tgt Ion:128 Resp: 842
Ion Ratio Lower Upper
128 100
129 27.0 9.1 13.7#
127 38.5 10.3 15.5#





#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 12.400 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

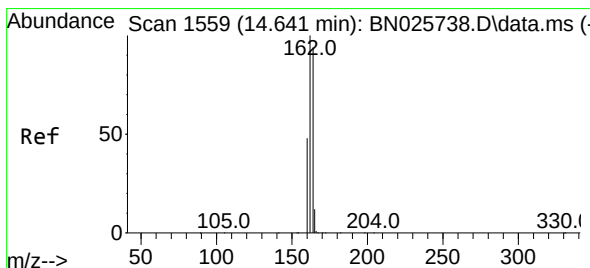
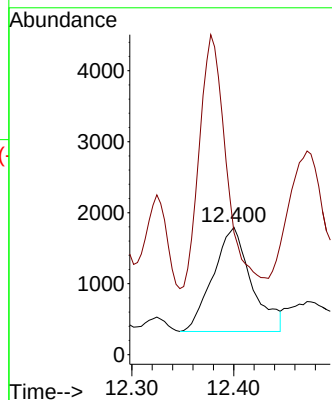
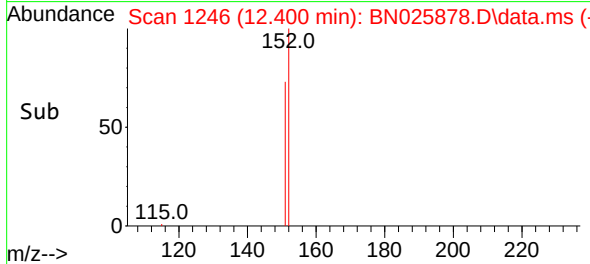
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



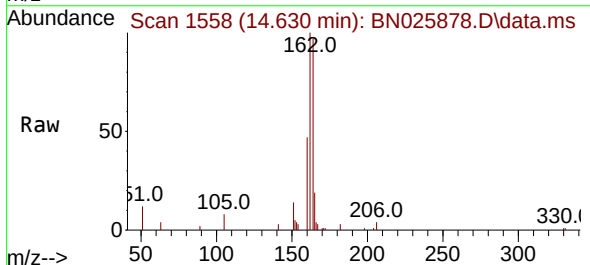
Tgt Ion:152 Resp: 3850
Ion Ratio Lower Upper
152 100
151 0.0 16.4 24.6

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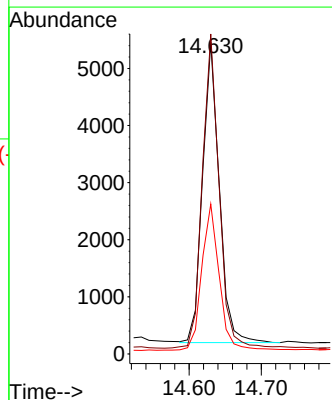
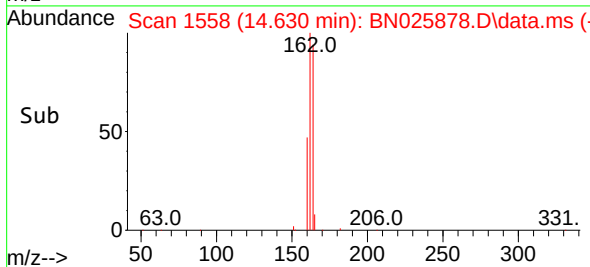
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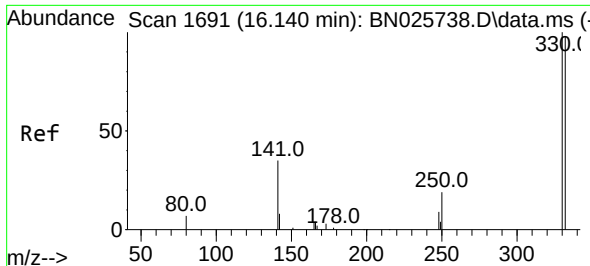


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58



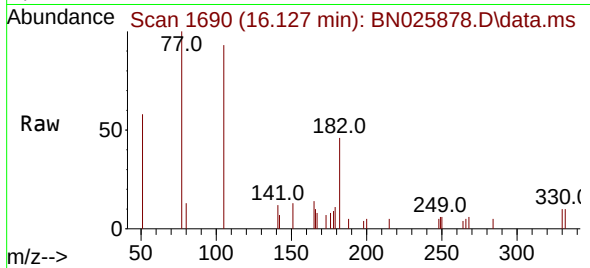
Tgt Ion:164 Resp: 8469
Ion Ratio Lower Upper
164 100
162 102.7 85.0 127.6
160 48.1 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 16.127 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

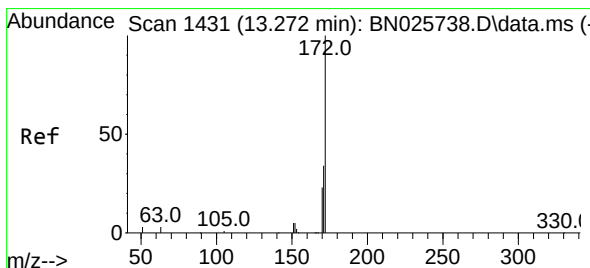
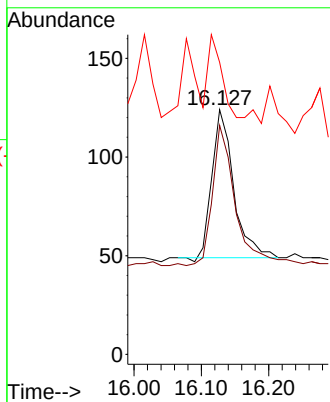
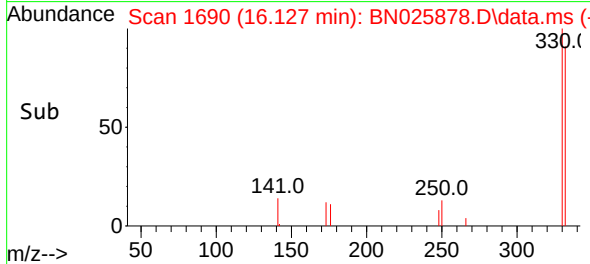
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion:330 Resp: 1690
Ion Ratio Lower Upper
330 100
332 98.8 77.3 115.9
141 34.1 55.0 82.6

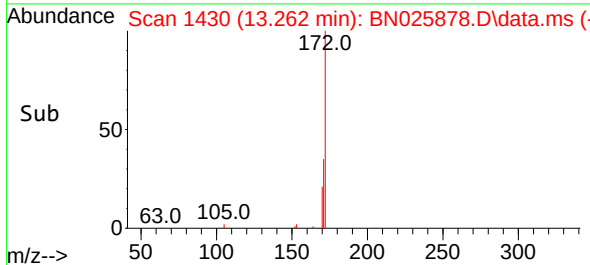
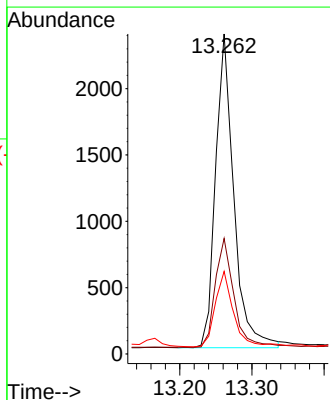
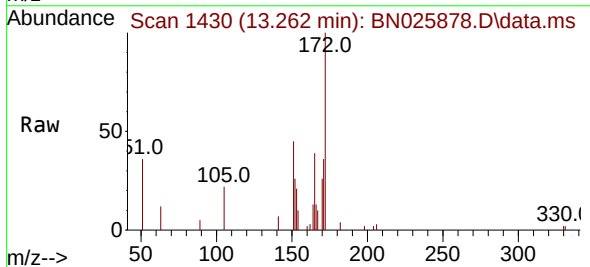
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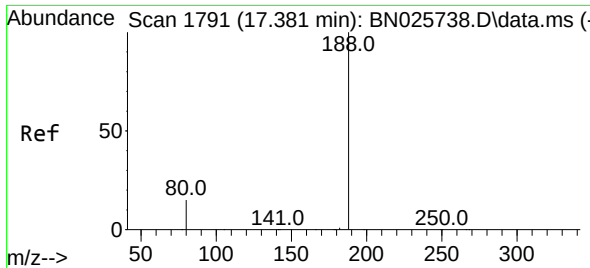
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#15
2-Fluorobiphenyl
Concen: 0.116 ng
RT: 13.262 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Tgt Ion:172 Resp: 4160
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 25.8 18.6 28.0





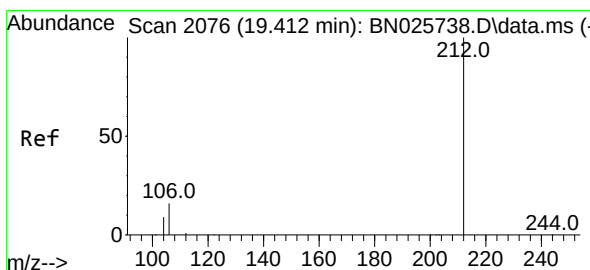
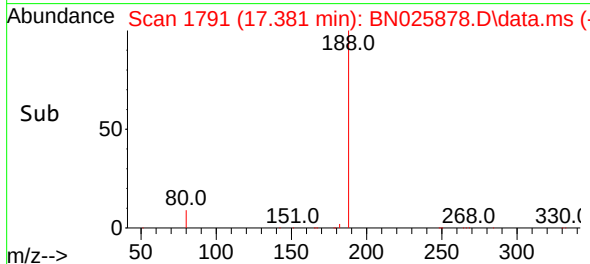
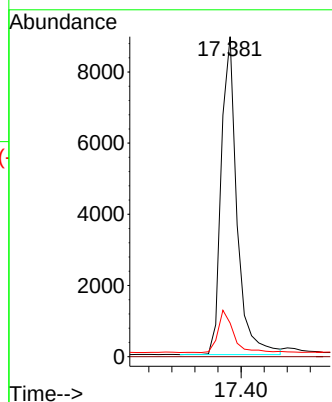
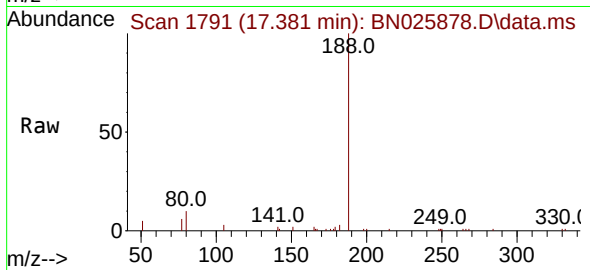
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825

Tgt Ion:188 Resp: 1692
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 12.1 18.1

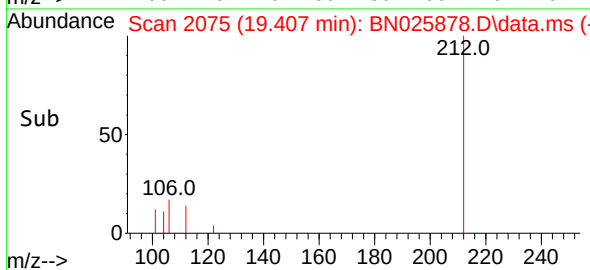
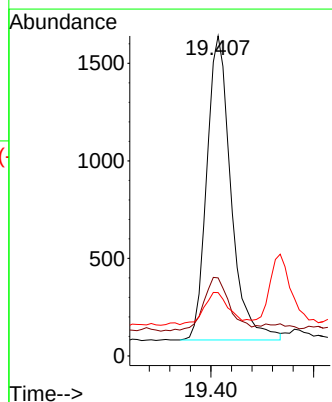
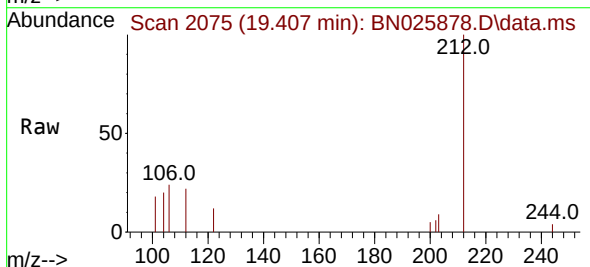
Manual Integrations
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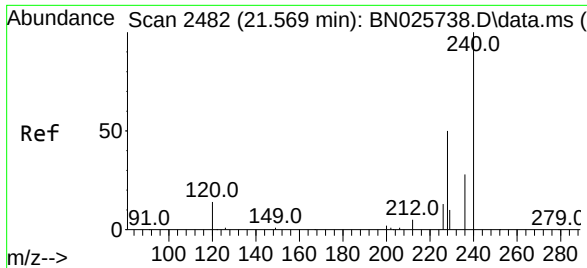
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#27
Fluoranthene-d10
Concen: 0.073 ng
RT: 19.407 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

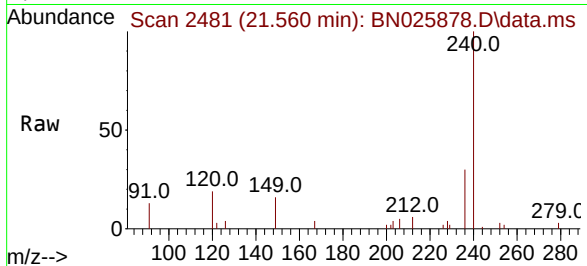
Tgt Ion:212 Resp: 2543
Ion Ratio Lower Upper
212 100
106 19.7 13.0 19.6#
104 11.1 7.7 11.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

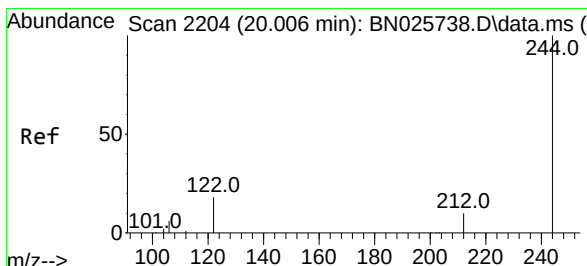
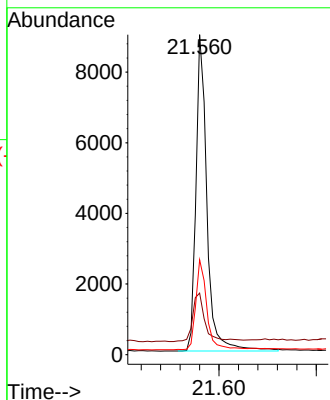
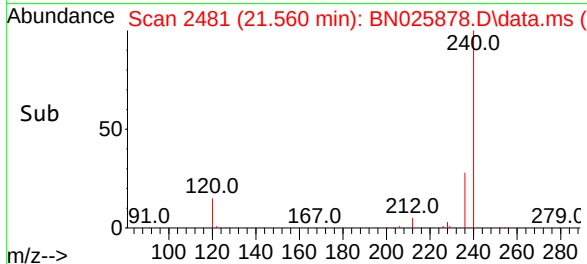
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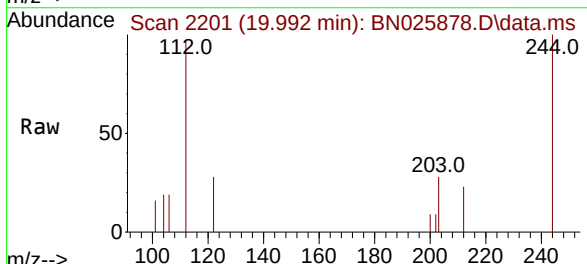
Tgt Ion:240 Resp: 1400
Ion Ratio Lower Upper
240 100
120 19.3 13.2 19.8
236 29.7 23.1 34.7

Manual Integrations
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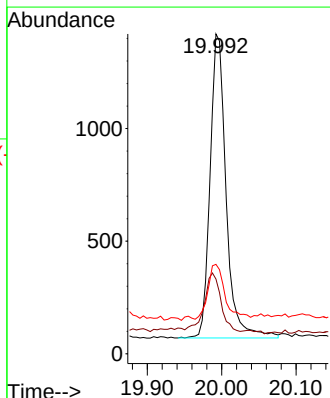
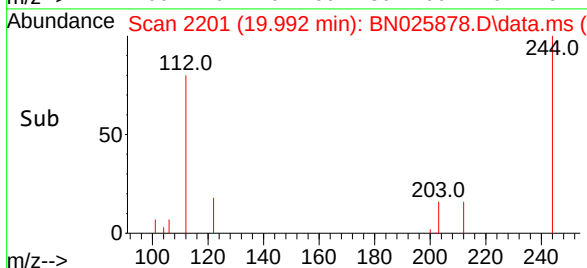
Reviewed By :Yogesh Patel 06/19/2023
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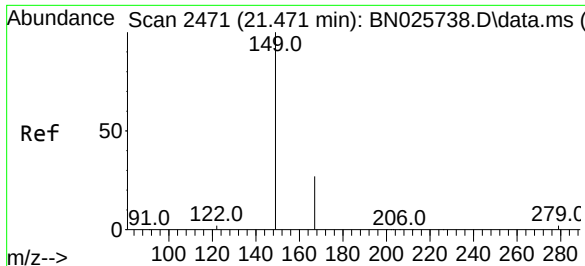


#31
Terphenyl-d14
Concen: 0.059 ng
RT: 19.992 min Scan# 2201
Delta R.T. -0.005 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58



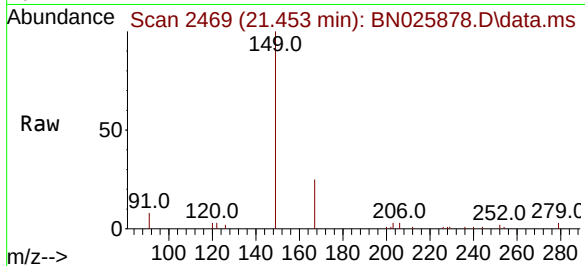
Tgt Ion:244 Resp: 2016
Ion Ratio Lower Upper
244 100
212 23.4 8.6 12.8#
122 28.0 15.2 22.8#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.489 ng
 RT: 21.453 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BN025878.D
 Acq: 16 Jun 2023 11:58

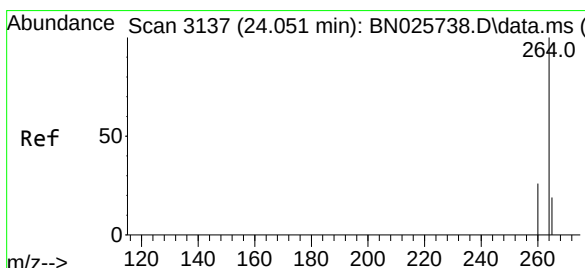
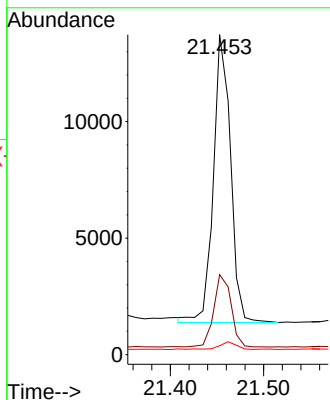
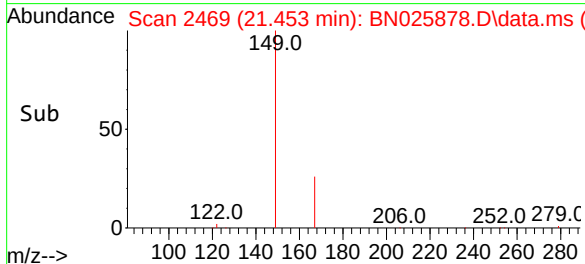
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-823-825



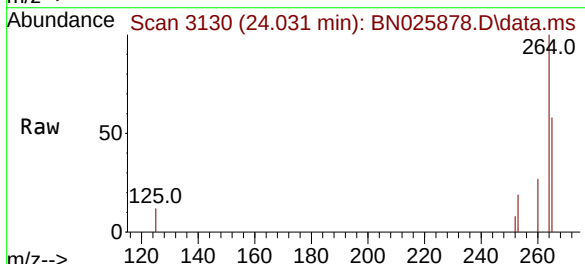
Tgt Ion:149 Resp: 1573
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.6
 279 2.8 2.2 3.4

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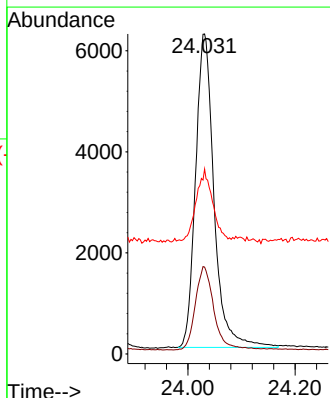
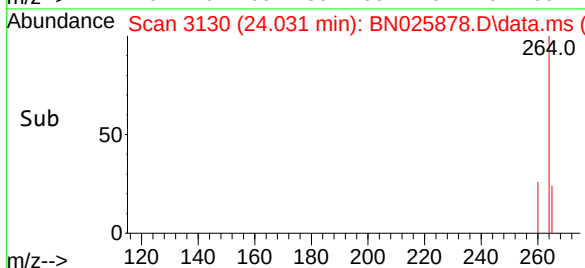
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

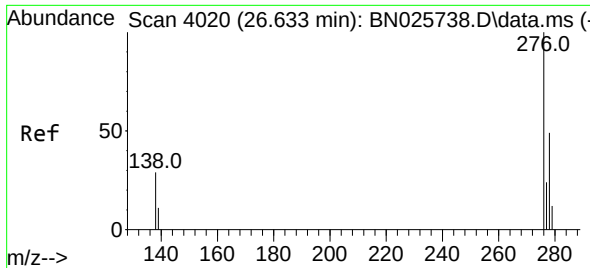


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.031 min Scan# 3130
 Delta R.T. -0.009 min
 Lab File: BN025878.D
 Acq: 16 Jun 2023 11:58



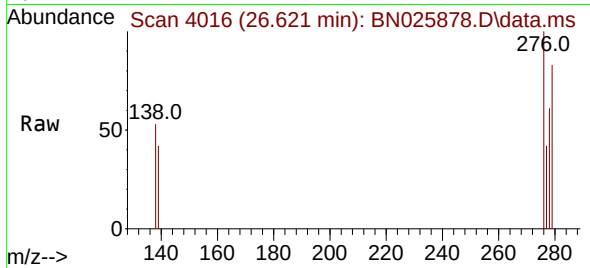
Tgt Ion:264 Resp: 14836
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 57.8 44.7 67.1





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 26.621 min Scan# 4016
Delta R.T. -0.018 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

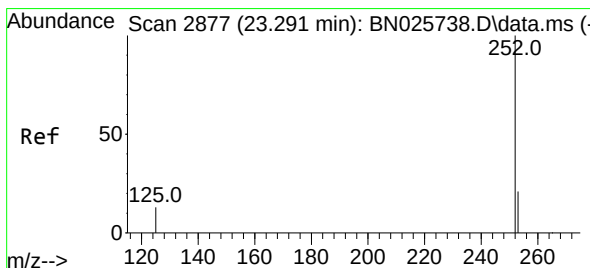
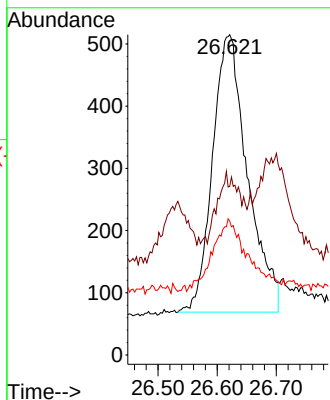
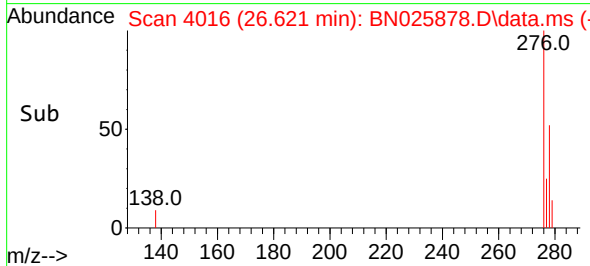
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion:276 Resp: 183
Ion Ratio Lower Upper
276 100
138 8.7 26.1 39.1
277 24.9 19.4 29.2

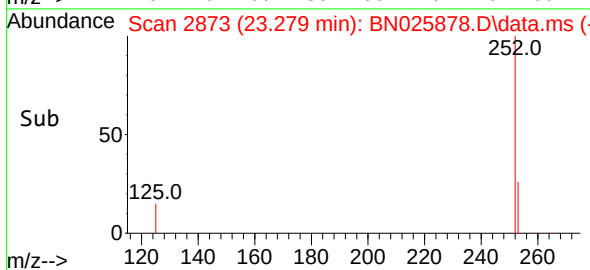
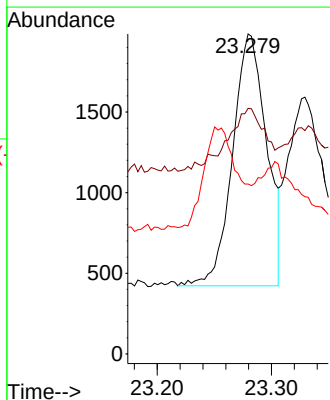
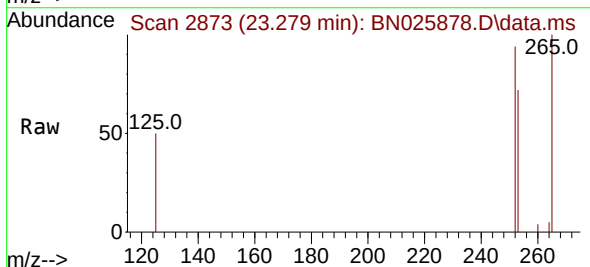
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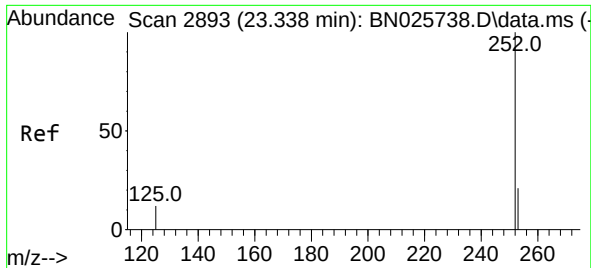
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#37
Benzo(b)fluoranthene
Concen: 0.055 ng
RT: 23.279 min Scan# 2873
Delta R.T. -0.003 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

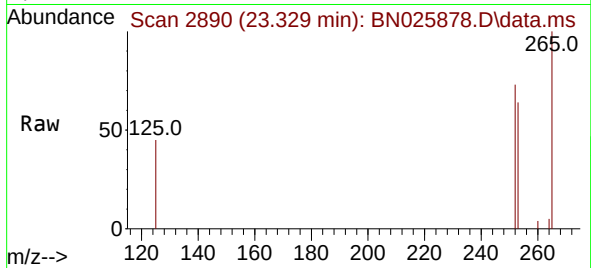
Tgt Ion:252 Resp: 3222
Ion Ratio Lower Upper
252 100
253 76.8 23.4 35.0#
125 53.1 12.3 18.5#





#38
Benzo(k)fluoranthene
Concen: 0.043 ng m
RT: 23.329 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

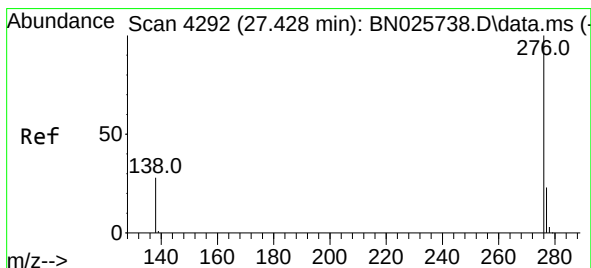
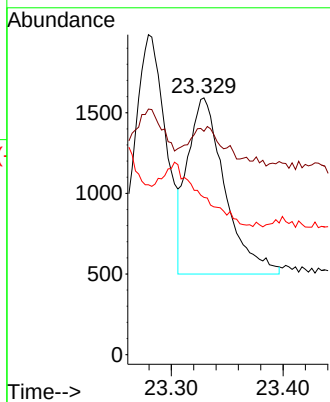
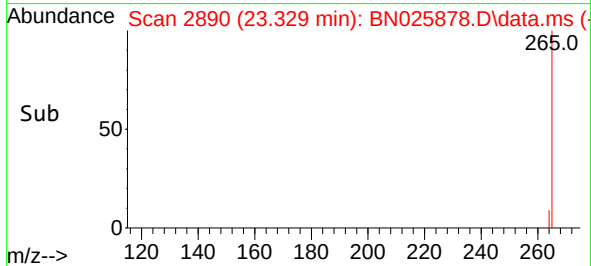
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



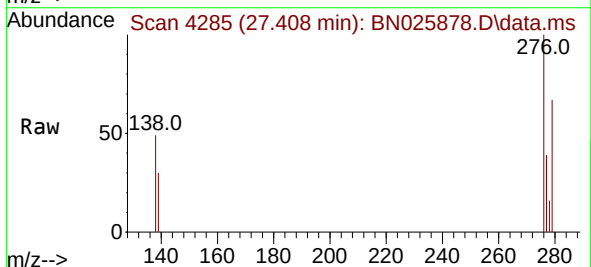
Tgt Ion:252 Resp: 2544
Ion Ratio Lower Upper
252 100
253 87.0 24.2 36.4#
125 61.2 12.2 18.2#

Manual Integrations
APPROVED

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



#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 27.408 min Scan# 4285
Delta R.T. -0.029 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58



Tgt Ion:276 Resp: 1978
Ion Ratio Lower Upper
276 100
277 39.0 20.2 30.2#
138 49.2 24.2 36.4#

