

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
 Data File : BN023978.D
 Acq On : 07 Feb 2023 19:38
 Operator : CG/JU
 Sample : 01421-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-598-600

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/08/2023
 Supervised By :Jagrut Upadhyay 02/08/2023

Quant Time: Feb 08 02:12:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 01:53:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	3696	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9469	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	2767	0.400	ng	0.00
19) Phenanthrene-d10	17.241	188	11426	0.400	ng	0.00
29) Chrysene-d12	21.428	240	997	0.400	ng	# 0.00
35) Perylene-d12	23.805	264	20	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1282	0.167	ng	0.00
5) Phenol-d6	7.009	99	910	0.101	ng	0.00
8) Nitrobenzene-d5	9.003	82	1737	0.229	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	3037	0.231	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	804	0.564	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	5357	0.489	ng	0.00
27) Fluoranthene-d10	19.271	212	4566	0.165	ng	0.00
31) Terphenyl-d14	19.869	244	6369	3.423	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	478	0.136	ng	# 44
25) Phenanthrene	17.278	178	707m	0.022	ng	
30) Pyrene	19.667	202	89	0.026	ng	# 70
32) Benzo(a)anthracene	21.410	228	271	0.085	ng	# 46
33) Chrysene	21.464	228	522	0.152	ng	# 77

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

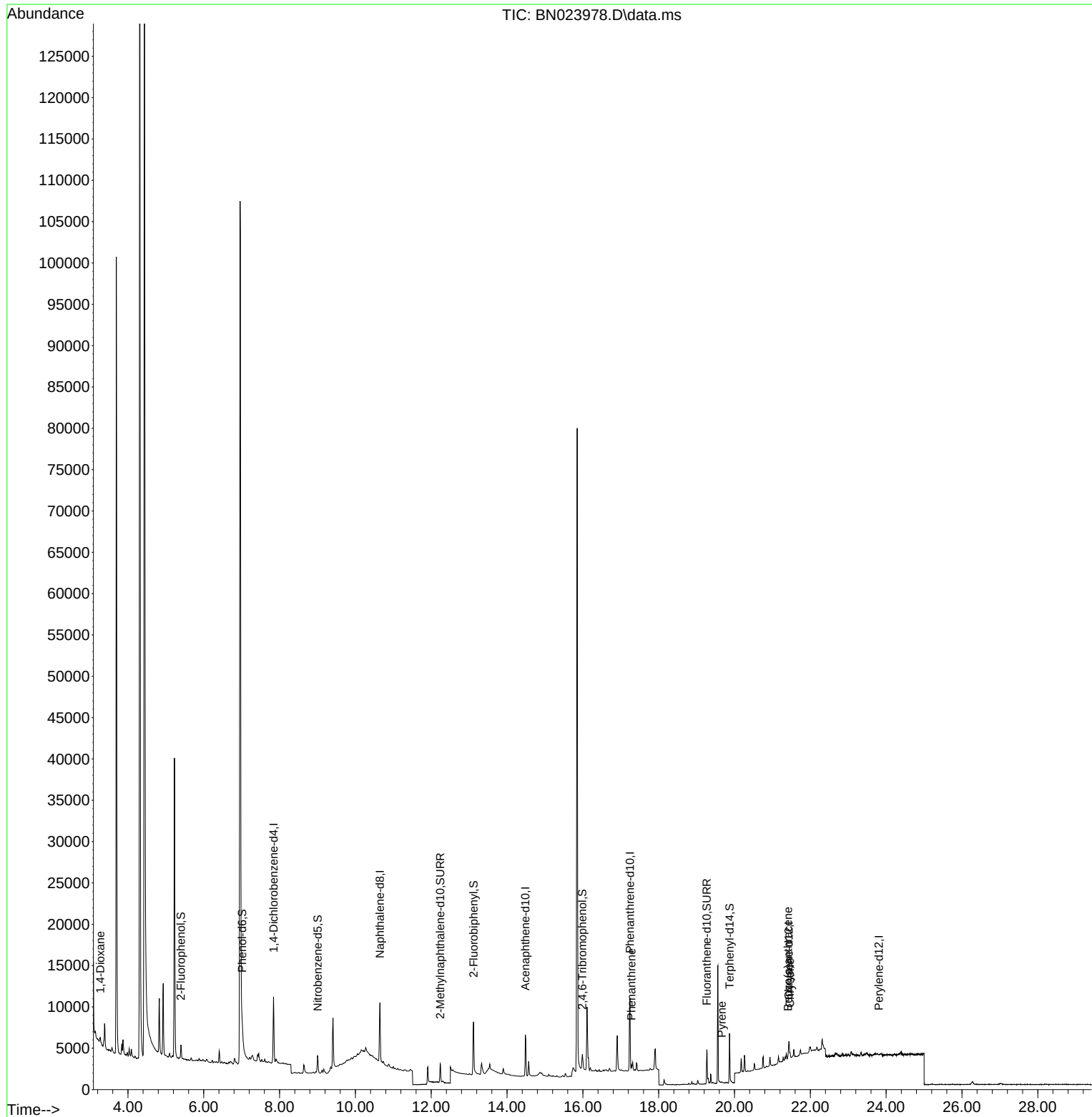
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
Data File : BN023978.D
Acq On : 07 Feb 2023 19:38
Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

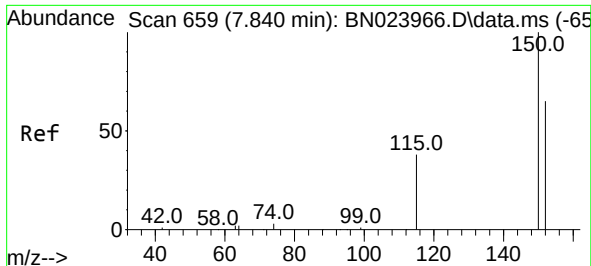
Instrument :
BNA_N
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BP-VPB-RW10-GW-598-600

Quant Time: Feb 08 02:12:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
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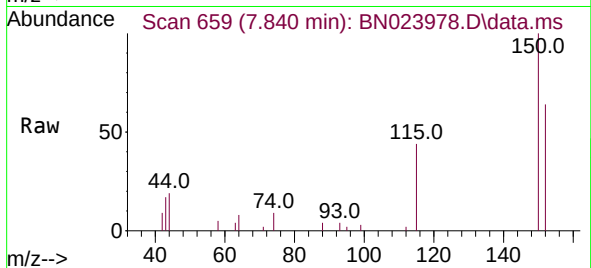
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 659
 Delta R.T. -0.000 min
 Lab File: BN023978.D
 Acq: 07 Feb 2023 19:38

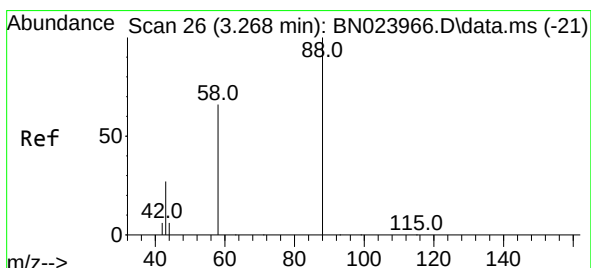
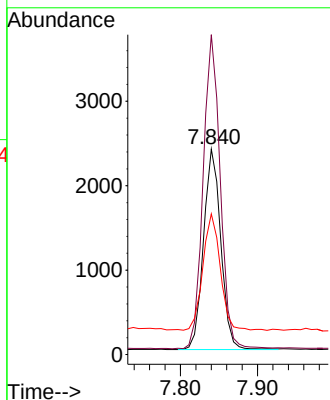
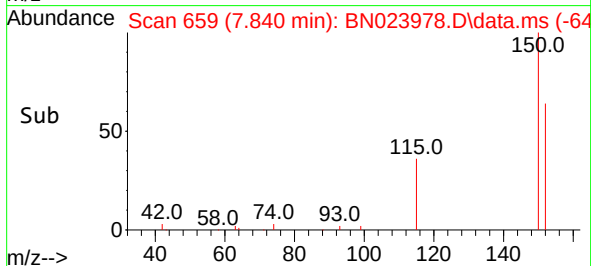
Instrument : BNA_N
 ClientSampleId : BP-VPB-RW10-GW-598-600



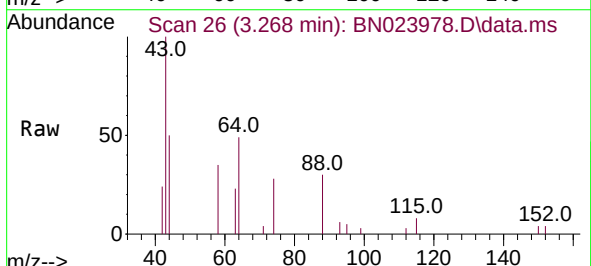
Tgt Ion:152 Resp: 3696
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.8 182.6
 115 68.4 47.7 71.5

Manual Integrations
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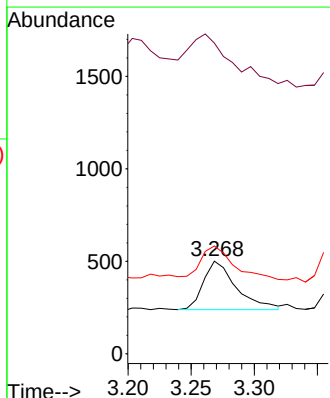
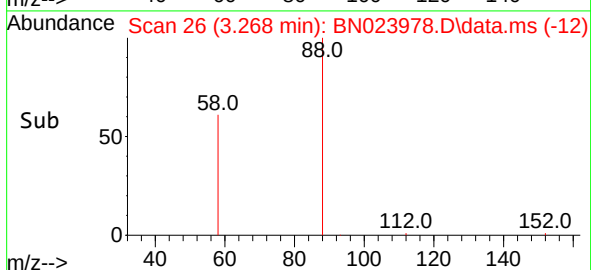
Reviewed By :Christian Giraldo 02/08/2023
 Supervised By :Jagrut Upadhyay 02/08/2023

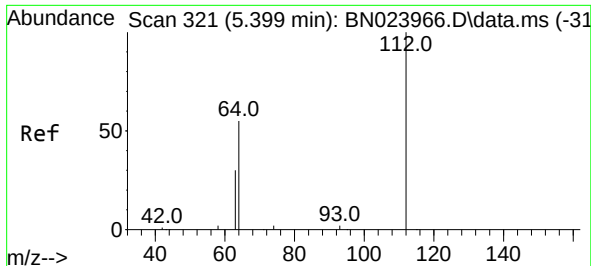


#2
 1,4-Dioxane
 Concen: 0.136 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN023978.D
 Acq: 07 Feb 2023 19:38



Tgt Ion: 88 Resp: 478
 Ion Ratio Lower Upper
 88 100
 43 126.2 23.7 35.5
 58 67.6 53.4 80.2





#4

2-Fluorophenol

Concen: 0.167 ng

RT: 5.399 min Scan# 321

Delta R.T. -0.000 min

Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-598-600

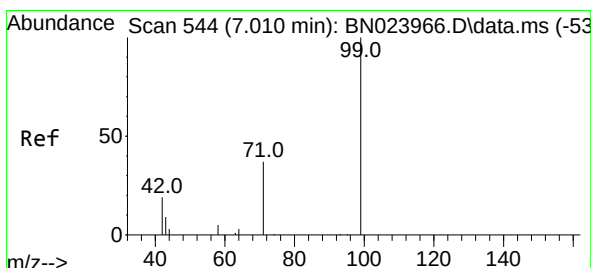
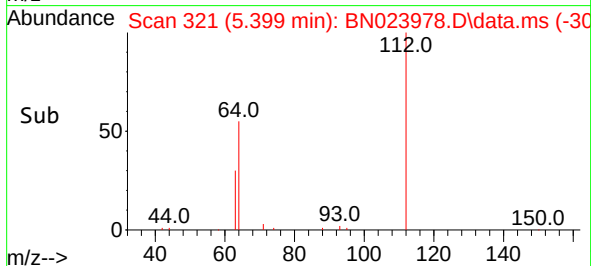
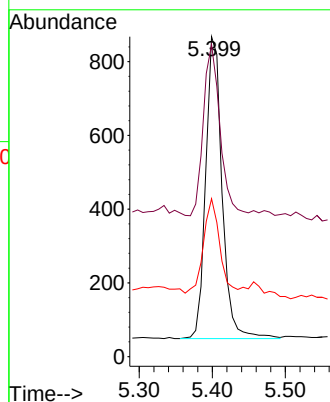
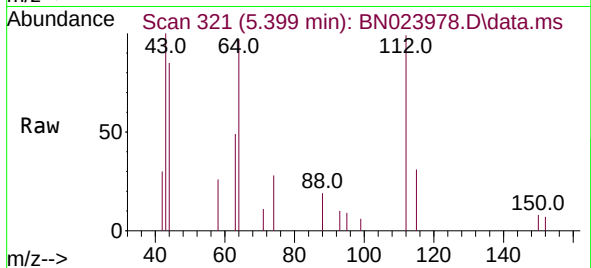
Tgt Ion: 112 Resp: 128

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.8	67.2
63	31.7	25.1	37.7

Manual Integrations

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Supervised By : Jagrut Upadhyay 02/08/2023



#5

Phenol-d6

Concen: 0.101 ng

RT: 7.009 min Scan# 544

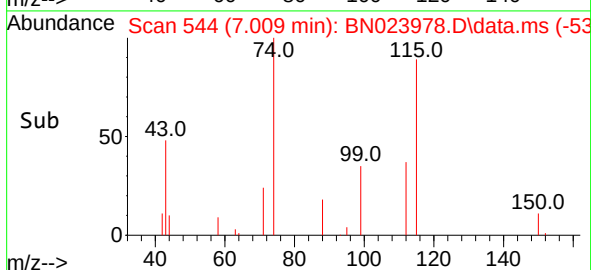
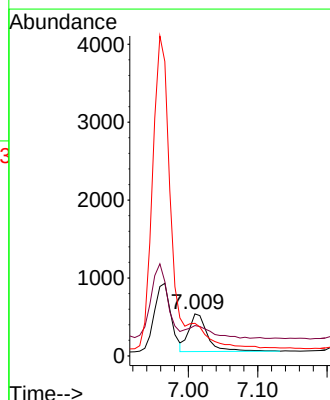
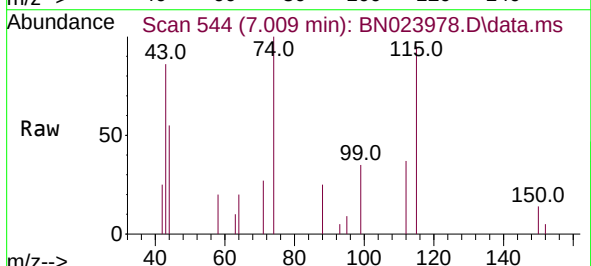
Delta R.T. -0.000 min

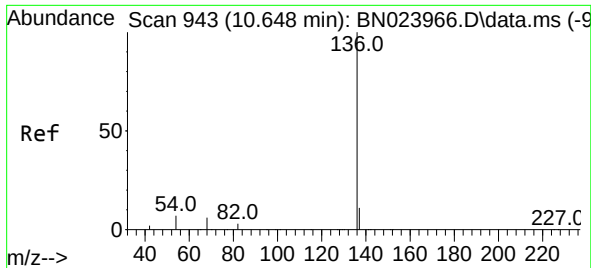
Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

Tgt Ion: 99 Resp: 910

Ion	Ratio	Lower	Upper
99	100		
42	40.8	17.0	25.6#
71	0.0	29.0	43.4#





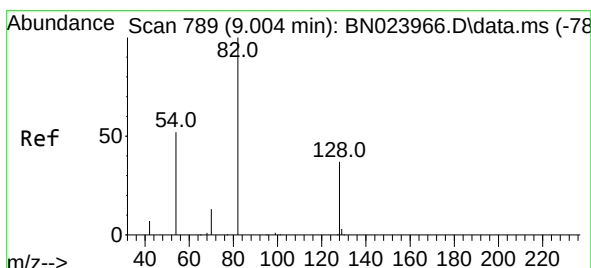
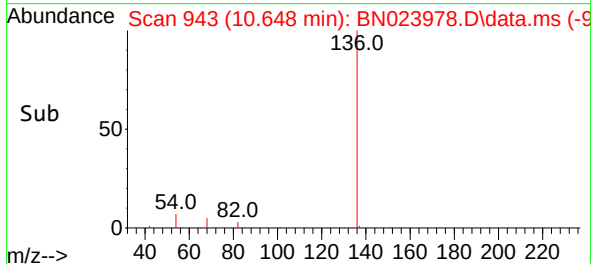
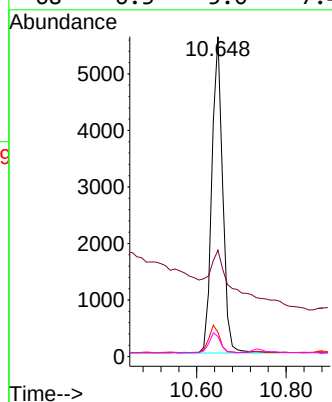
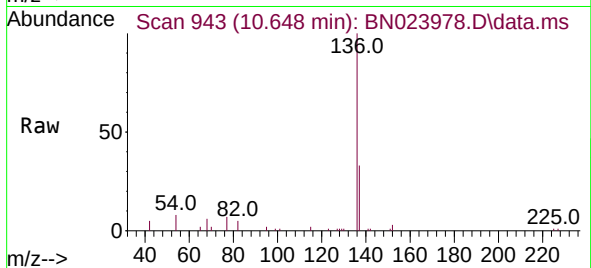
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Instrument : BNA_N
ClientSampleId : BP-VPB-RW10-GW-598-600

Tgt Ion:	136	Resp:	9469
Ion	Ratio	Lower	Upper
136	100		
137	33.2	9.1	13.7
54	7.6	5.8	8.8
68	6.3	5.0	7.4

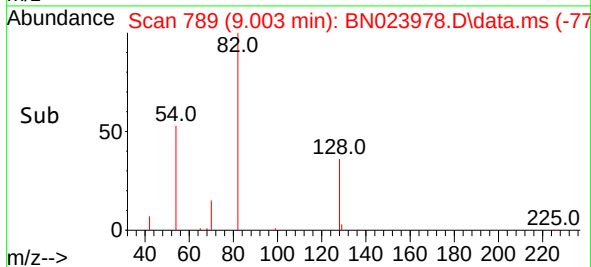
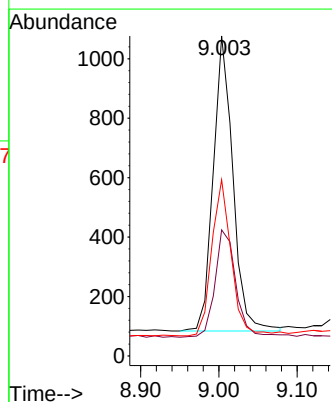
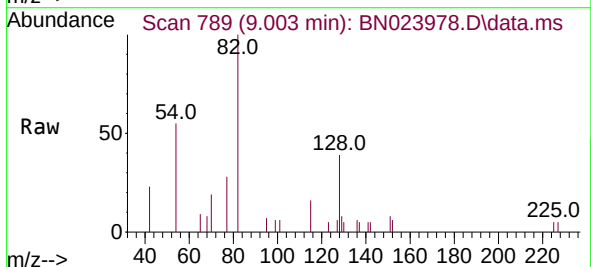
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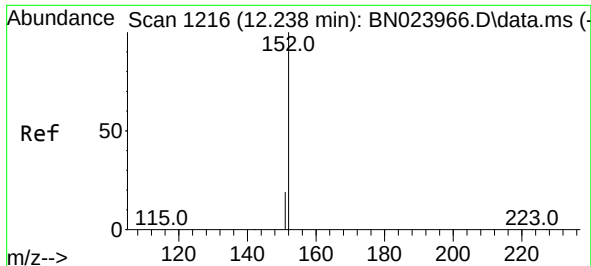
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#8
Nitrobenzene-d5
Concen: 0.229 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

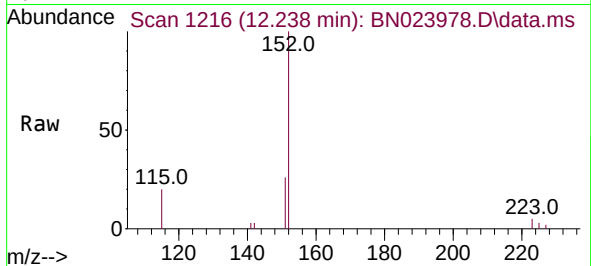
Tgt Ion:	82	Resp:	1737
Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.5	47.3
54	55.1	42.8	64.2





#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

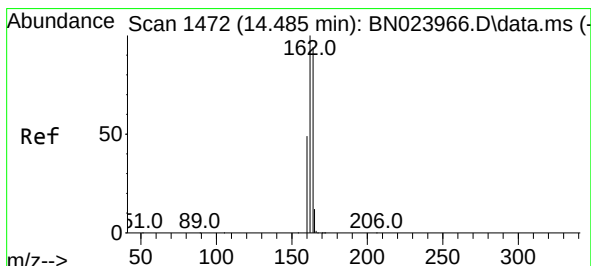
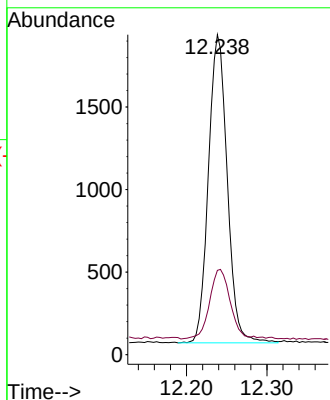
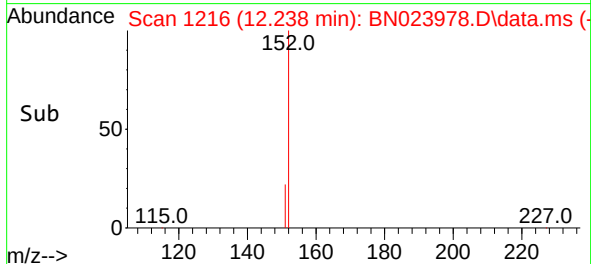
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-598-600



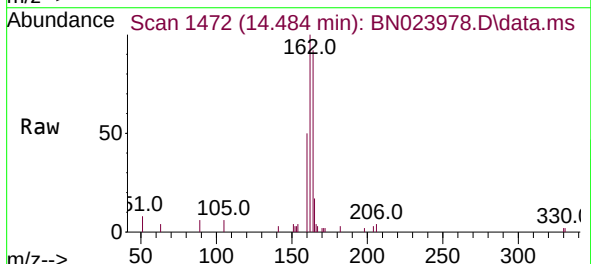
Tgt Ion:152 Resp: 303
Ion Ratio Lower Upper
152 100
151 24.9 16.6 24.8

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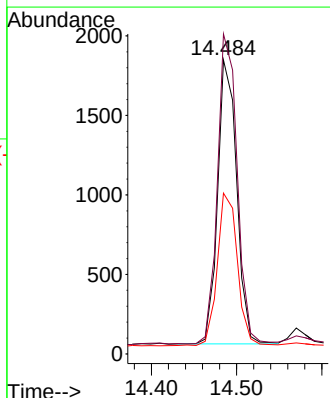
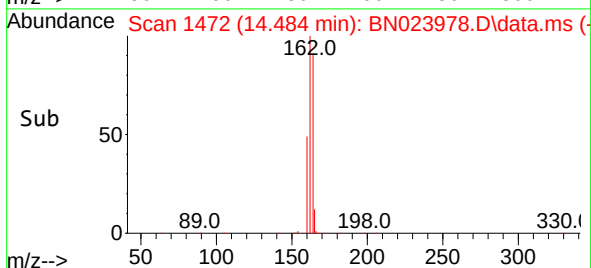
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

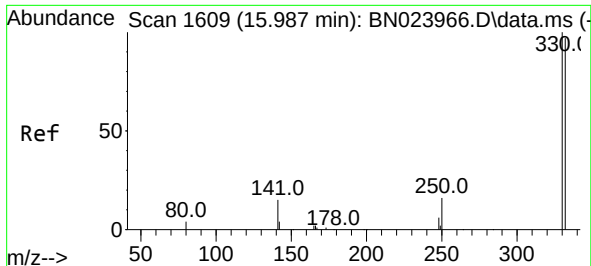


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38



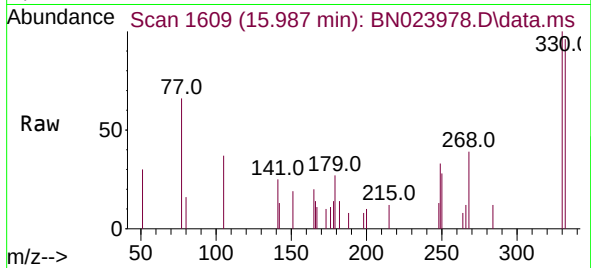
Tgt Ion:164 Resp: 2767
Ion Ratio Lower Upper
164 100
162 108.9 84.8 127.2
160 54.7 42.0 63.0





#14
2,4,6-Tribromophenol
Concen: 0.564 ng
RT: 15.987 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

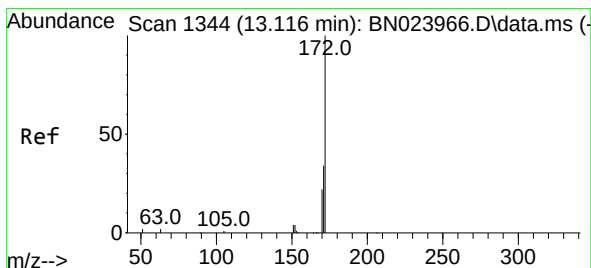
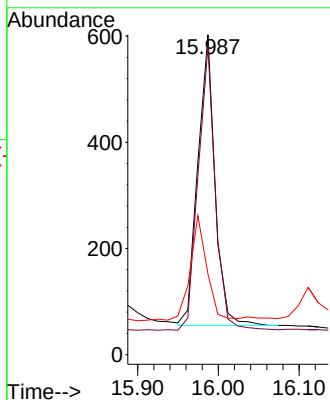
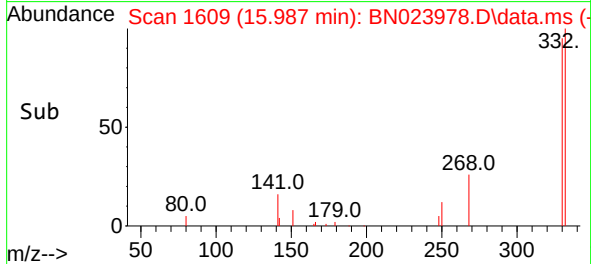
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-598-600



Tgt Ion:330 Resp: 804
Ion Ratio Lower Upper
330 100
332 98.0 77.7 116.5
141 35.0 26.6 39.8

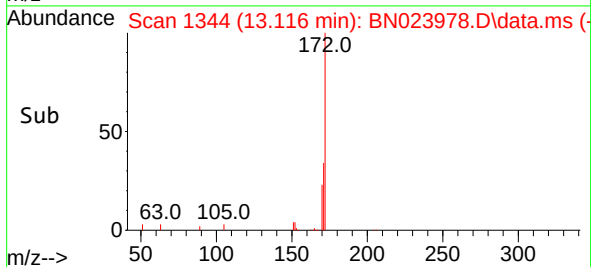
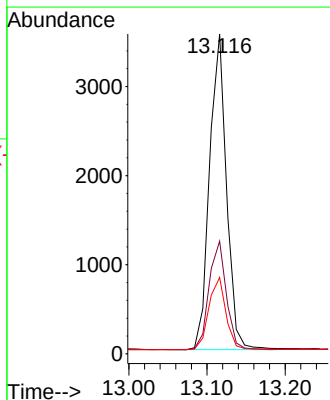
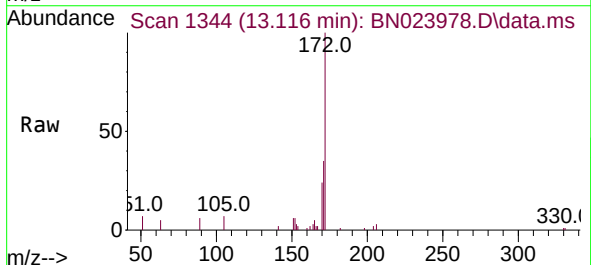
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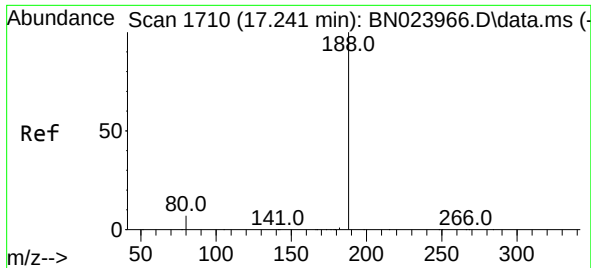
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#15
2-Fluorobiphenyl
Concen: 0.489 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

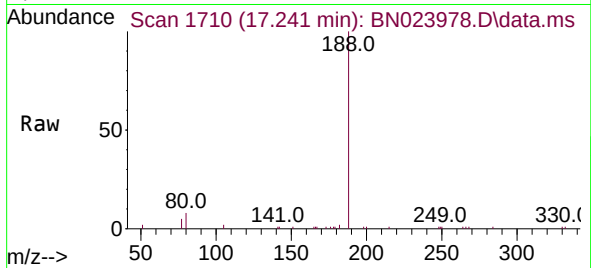
Tgt Ion:172 Resp: 5357
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.2
170 23.9 18.2 27.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.241 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

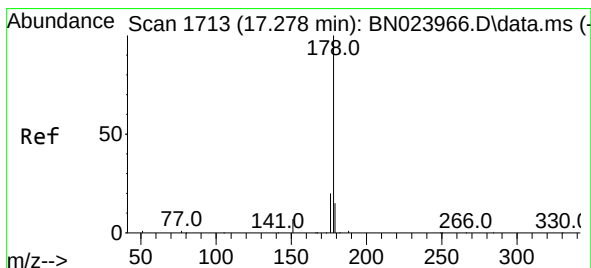
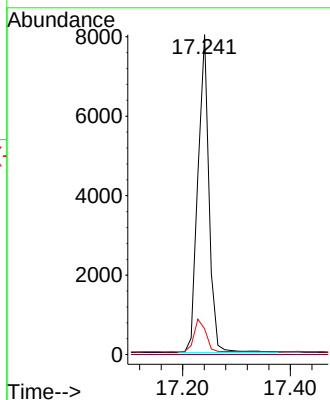
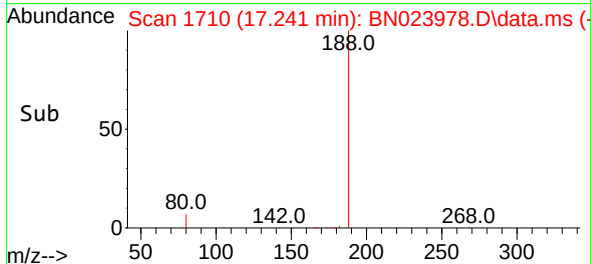
Instrument :
BNA_N
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BP-VPB-RW10-GW-598-600



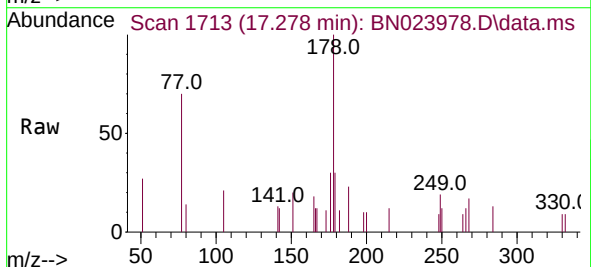
Tgt Ion:188 Resp: 11426
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.1 9.1

Manual Integrations
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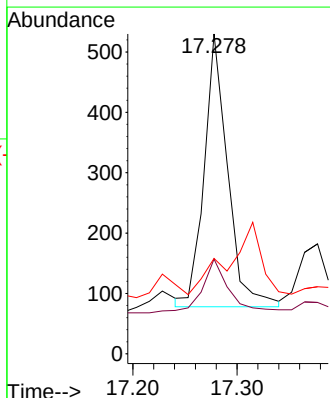
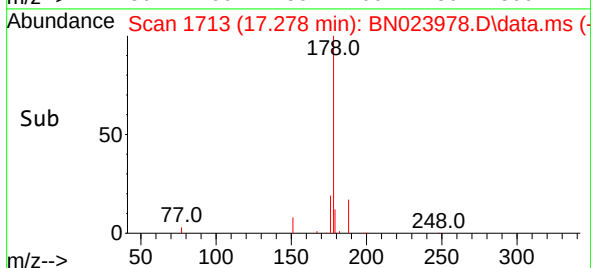
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

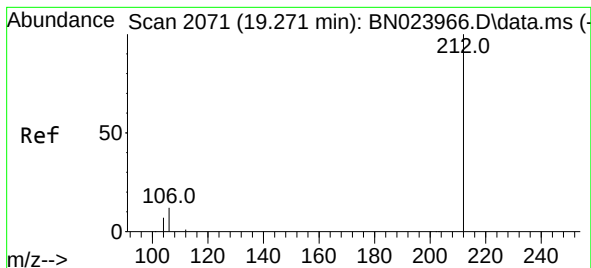


#25
Phenanthrene
Concen: 0.022 ng m
RT: 17.278 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38



Tgt Ion:178 Resp: 707
Ion Ratio Lower Upper
178 100
176 23.2 15.6 23.4
179 0.0 12.6 19.0#





#27

Fluoranthene-d10

Concen: 0.165 ng

RT: 19.271 min Scan# 2071

Delta R.T. -0.000 min

Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-598-600

Tgt Ion:212 Resp: 4566

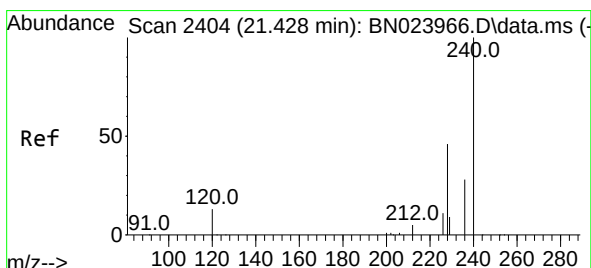
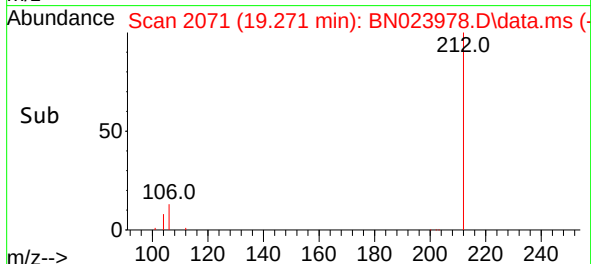
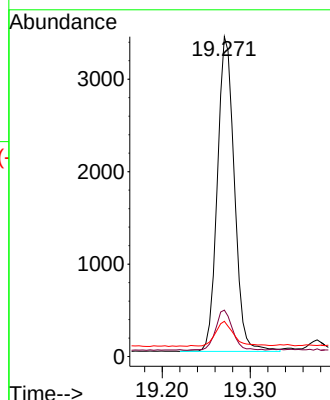
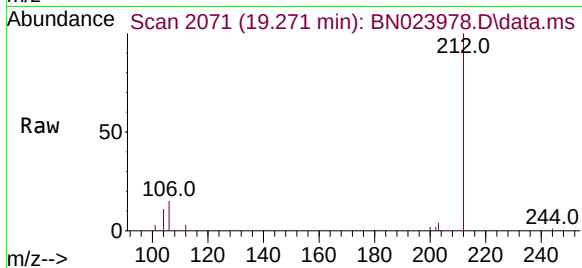
Ion	Ratio	Lower	Upper
212	100		
106	12.7	9.2	13.8
104	8.4	5.7	8.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/08/2023

Supervised By :Jagrut Upadhyay 02/08/2023



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.428 min Scan# 2404

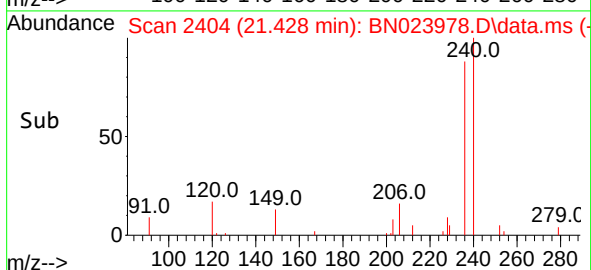
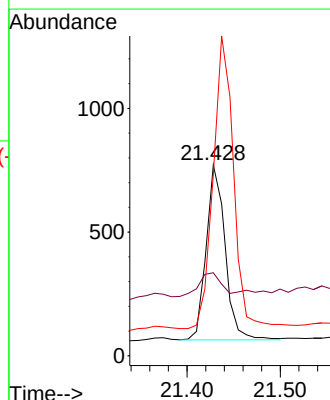
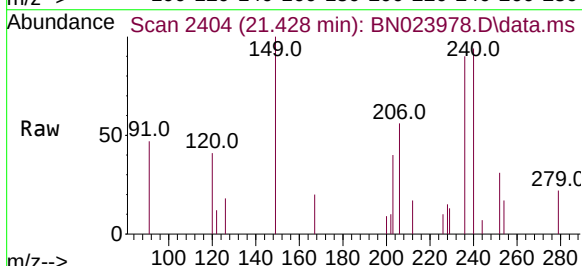
Delta R.T. -0.000 min

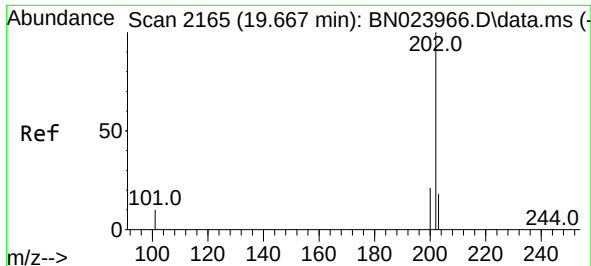
Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

Tgt Ion:240 Resp: 997

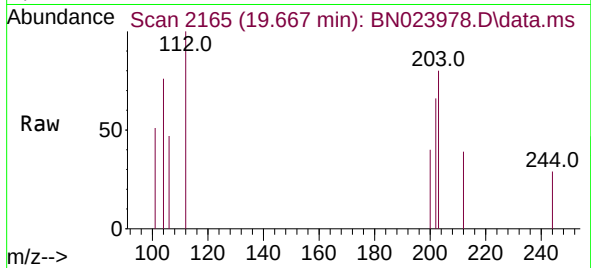
Ion	Ratio	Lower	Upper
240	100		
120	43.5	11.4	17.0#
236	94.9	23.2	34.8#





#30
Pyrene
Concen: 0.026 ng
RT: 19.667 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

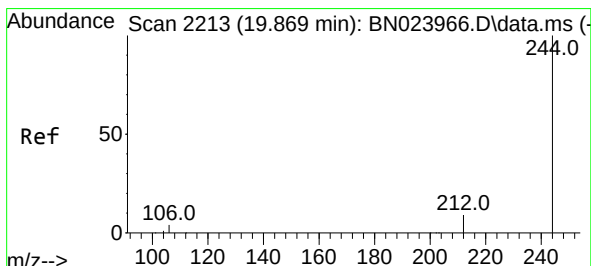
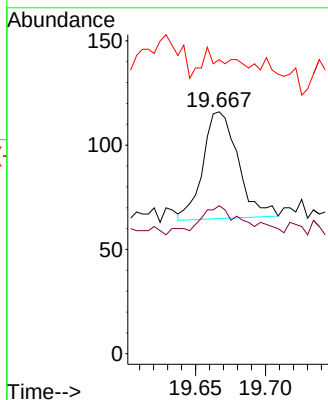
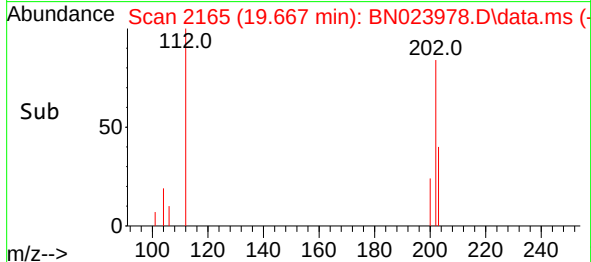
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-598-600



Tgt Ion:202 Resp: 89
Ion Ratio Lower Upper
202 100
200 30.3 16.7 25.1
203 0.0 14.4 21.6

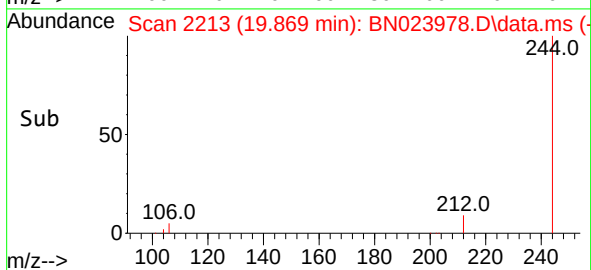
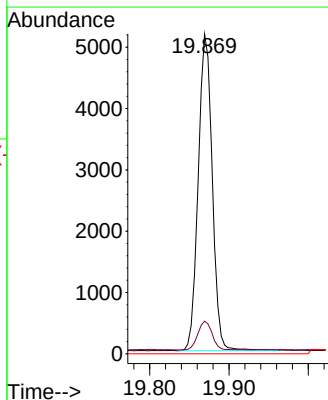
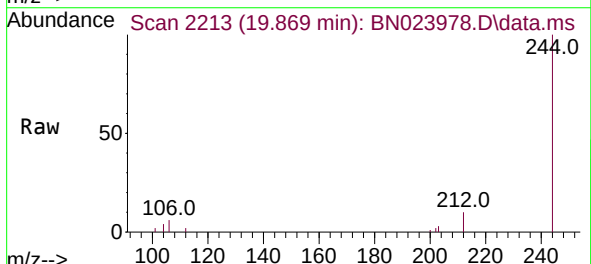
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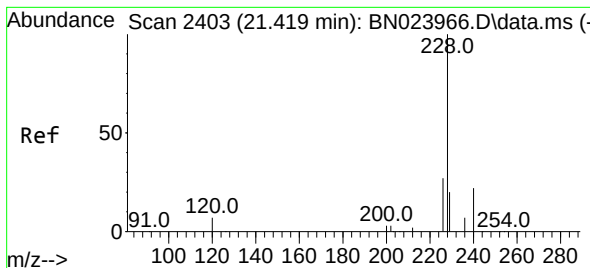
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#31
Terphenyl-d14
Concen: 3.423 ng
RT: 19.869 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Tgt Ion:244 Resp: 6369
Ion Ratio Lower Upper
244 100
212 10.2 7.7 11.5
122 0.0 0.0 0.0





#32

Benzo(a)anthracene

Concen: 0.085 ng

RT: 21.410 min Scan# 2402

Delta R.T. -0.009 min

Lab File: BN023978.D

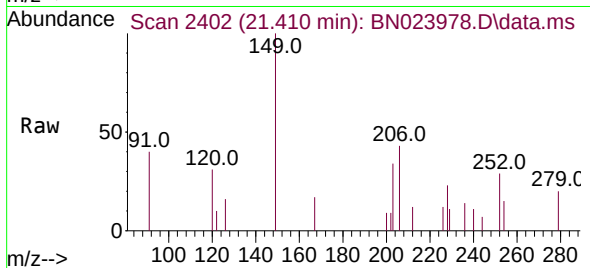
Acq: 07 Feb 2023 19:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-598-600

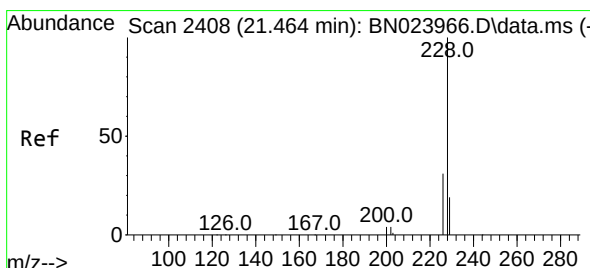
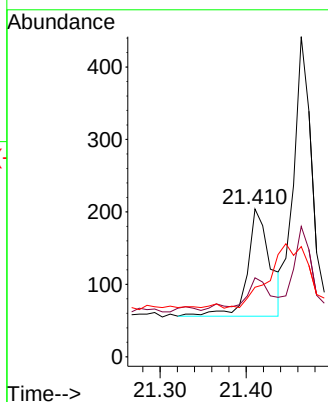
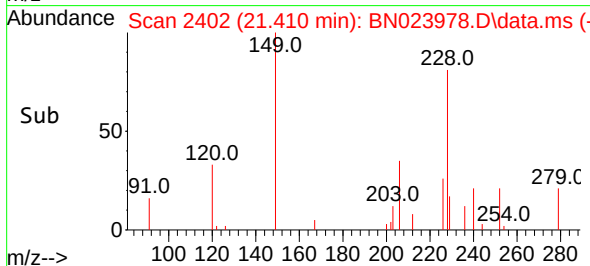


Tgt Ion	Ratio	Lower	Upper
228	100		
226	53.4	21.8	32.8#
229	47.1	15.9	23.9#

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Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#33

Chrysene

Concen: 0.152 ng

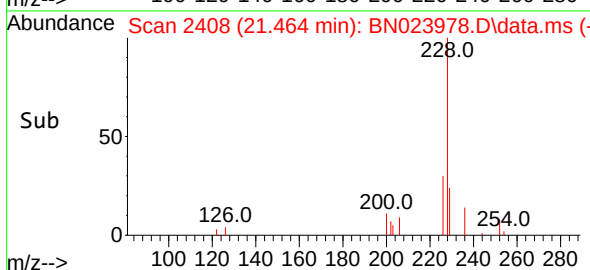
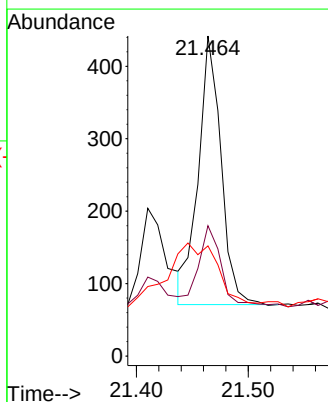
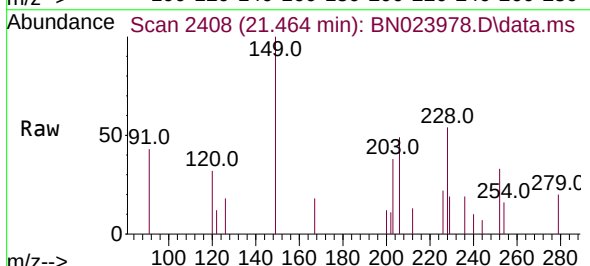
RT: 21.464 min Scan# 2408

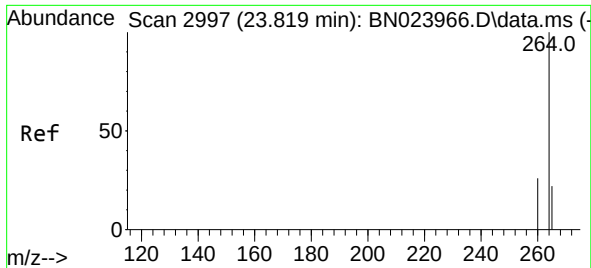
Delta R.T. -0.000 min

Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

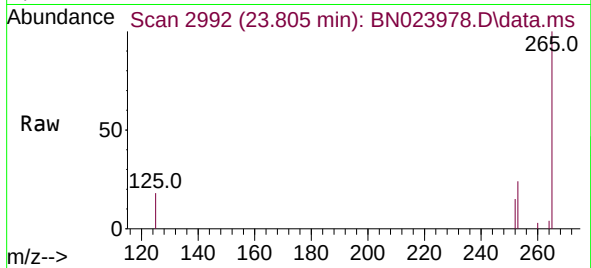
Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.7	25.2	37.8#
229	34.4	15.7	23.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.805 min Scan# 2992
 Delta R.T. -0.015 min
 Lab File: BN023978.D
 Acq: 07 Feb 2023 19:38

Instrument : BNA_N
 ClientSampleId : BP-VPB-RW10-GW-598-600



Tgt Ion:264 Resp: 2000
 Ion Ratio Lower Upper
 264 100
 260 65.2 21.4 32.0
 265 2299.1 41.4 62.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/08/2023
 Supervised By :Jagrut Upadhyay 02/08/2023

