

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022323\
 Data File : BN024095.D
 Acq On : 22 Feb 2023 20:22
 Operator : CG/JU
 Sample : 01613-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-908-910

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/24/2023

Quant Time: Feb 23 03:55:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 03:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4065	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	9783	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	5144	0.400	ng	0.00
19) Phenanthrene-d10	17.228	188	10048	0.400	ng	0.00
29) Chrysene-d12	21.423	240	10857	0.400	ng	0.00
35) Perylene-d12	23.812	264	10847	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	611	0.072	ng	0.00
5) Phenol-d6	7.002	99	567	0.057	ng	0.00
8) Nitrobenzene-d5	8.993	82	1394	0.177	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	1922	0.141	ng	0.00
14) 2,4,6-Tribromophenol	15.975	330	214	0.081	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	2875	0.141	ng	-0.01
27) Fluoranthene-d10	19.258	212	1003	0.041	ng	0.00
31) Terphenyl-d14	19.857	244	2295	0.113	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	5637	0.231	ng	# 89
12) 2-Methylnaphthalene	12.295	142	556	0.034	ng	# 81
18) Fluorene	15.532	166	1003	0.054	ng	# 82
25) Phenanthrene	17.265	178	3718m	0.134	ng	
33) Chrysene	21.459	228	1084	0.029	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.334	149	12624	0.795	ng	99

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

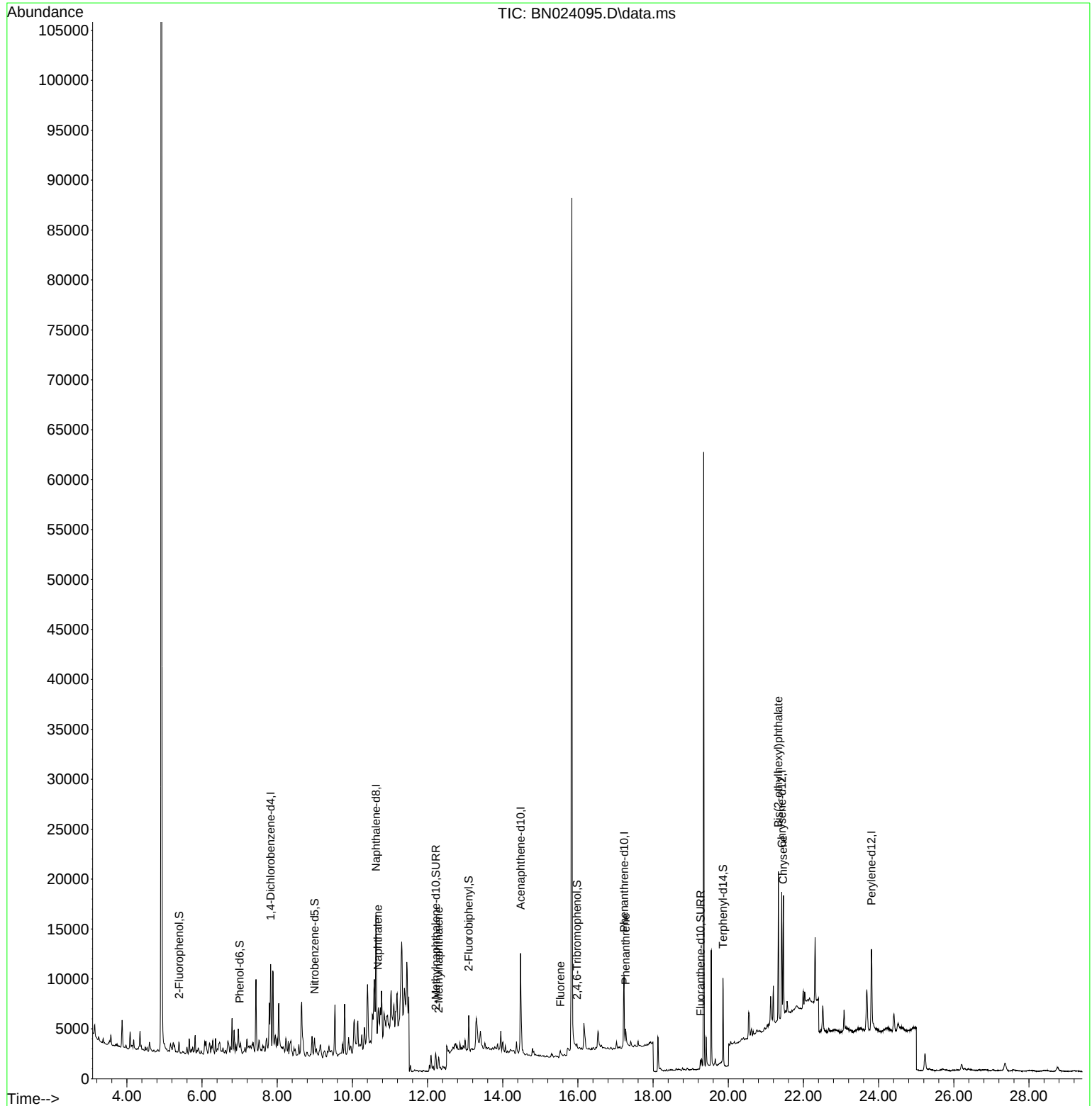
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022323\
Data File : BN024095.D
Acq On : 22 Feb 2023 20:22
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Sample : 01613-04
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ALS Vial : 7 Sample Multiplier: 1

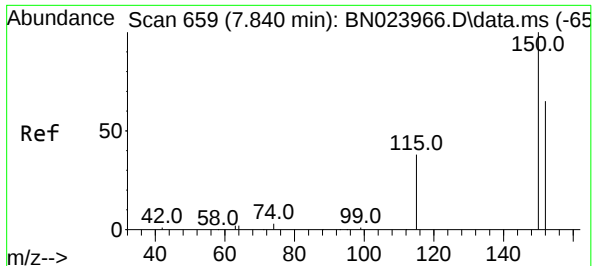
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910

Quant Time: Feb 23 03:55:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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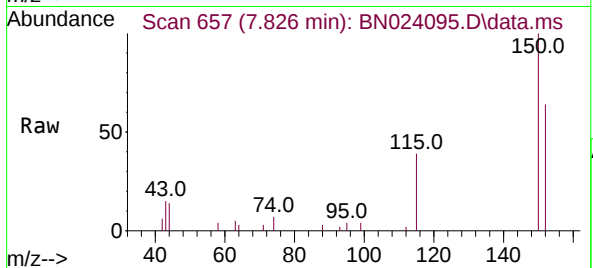
Reviewed By : Christian Giraldo 02/23/2023
Supervised By : Jagrut Upadhyay 02/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

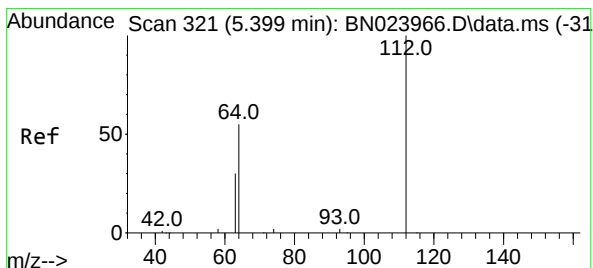
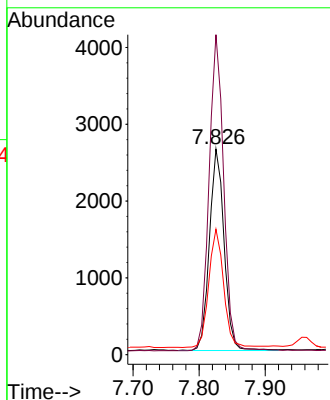
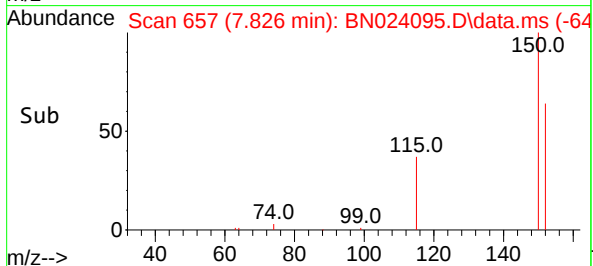
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910



Tgt Ion:152 Resp: 4065
Ion Ratio Lower Upper
152 100
150 155.7 121.8 182.6
115 61.0 47.7 71.5

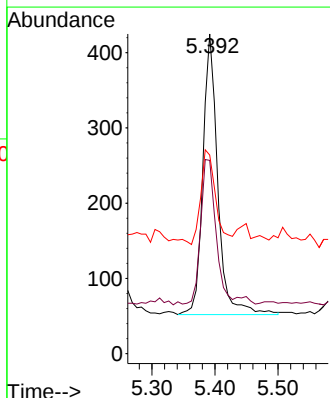
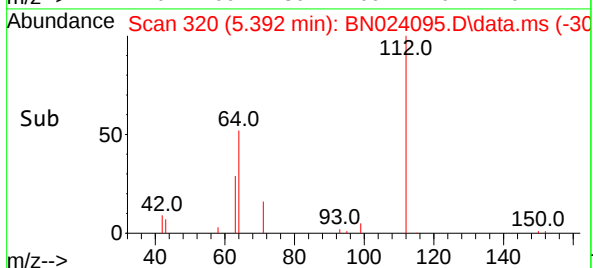
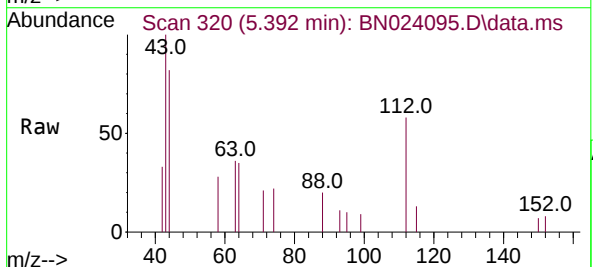
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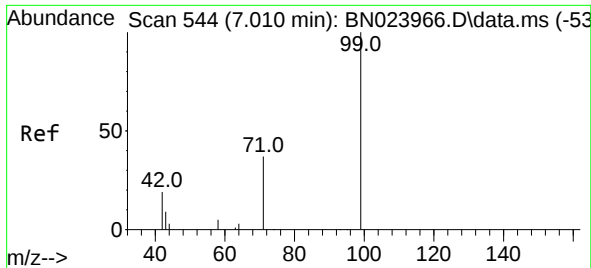
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

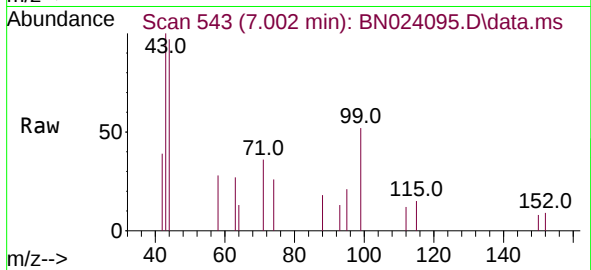
Tgt Ion:112 Resp: 611
Ion Ratio Lower Upper
112 100
64 52.0 44.8 67.2
63 33.7 25.1 37.7





#5
Phenol-d6
Concen: 0.057 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

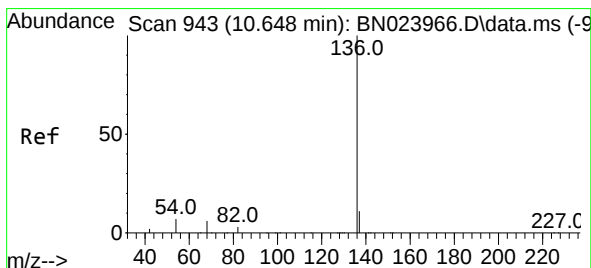
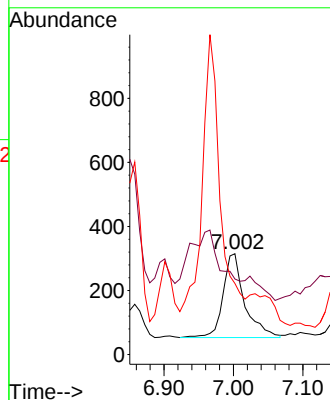
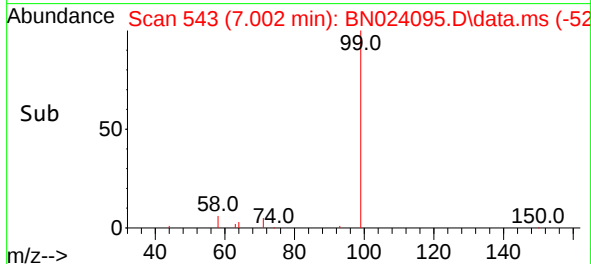
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910



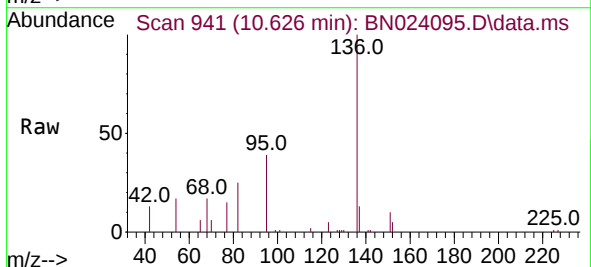
Tgt Ion: 99 Resp: 562
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 0.0 29.0 43.4#

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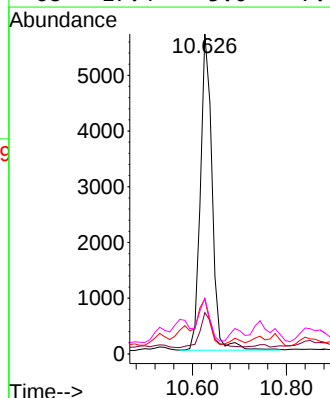
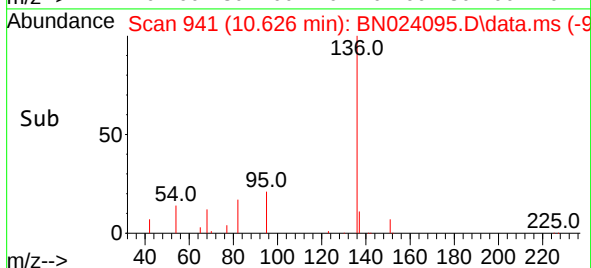
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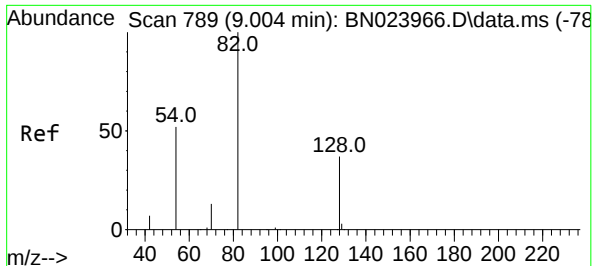


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22



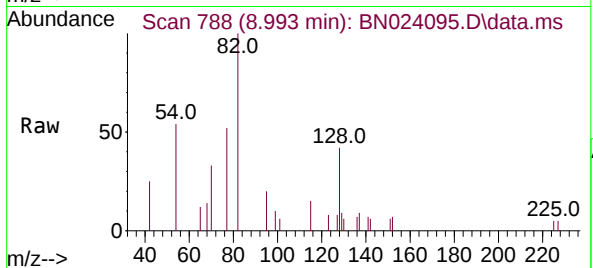
Tgt Ion:136 Resp: 9783
Ion Ratio Lower Upper
136 100
137 12.9 9.1 13.7
54 17.2 5.8 8.8#
68 17.4 5.0 7.4#





#8
Nitrobenzene-d5
Concen: 0.177 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

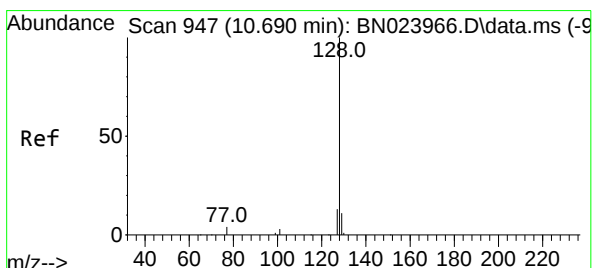
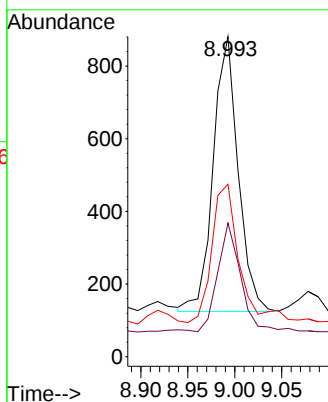
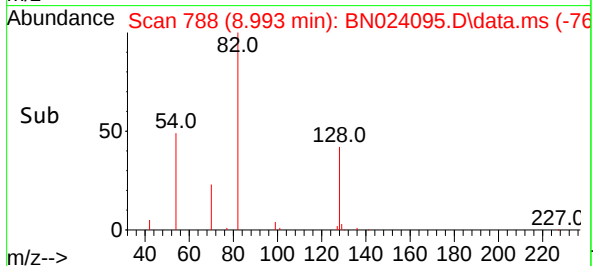
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910



Tgt Ion: 82 Resp: 1394
Ion Ratio Lower Upper
82 100
128 41.8 31.5 47.3
54 53.9 42.8 64.2

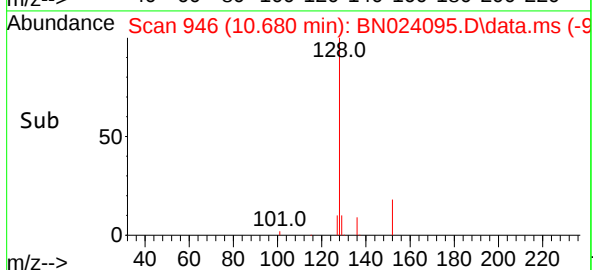
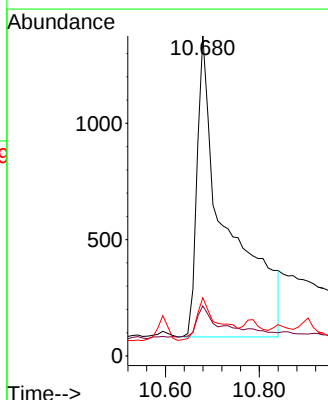
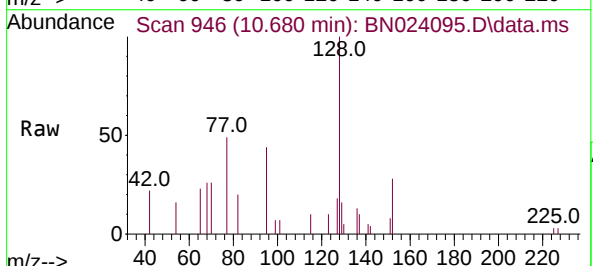
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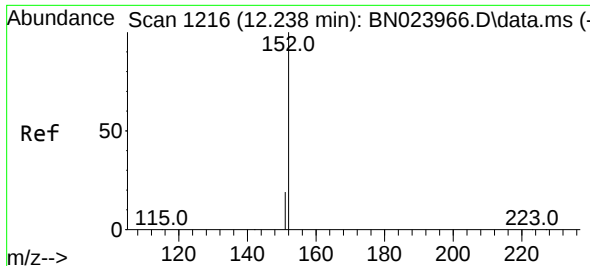
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#9
Naphthalene
Concen: 0.231 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

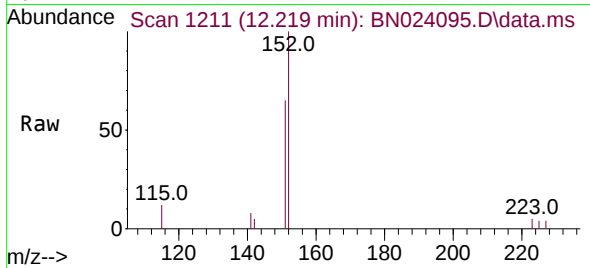
Tgt Ion:128 Resp: 5637
Ion Ratio Lower Upper
128 100
129 15.6 9.3 13.9#
127 18.2 11.0 16.4#





#11
2-Methylnaphthalene-d10
Concen: 0.141 ng
RT: 12.219 min Scan# 1211
Delta R.T. -0.004 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

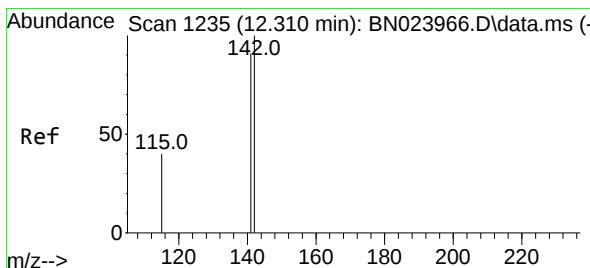
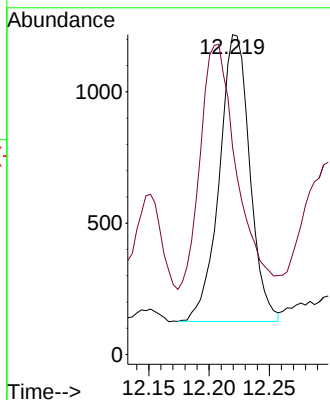
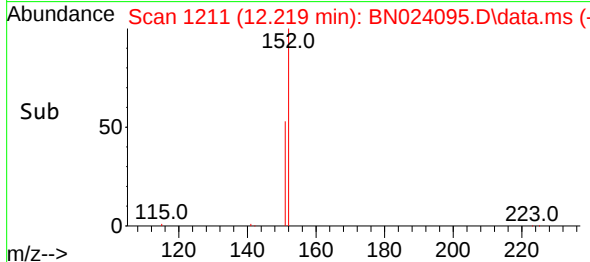
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910



Tgt Ion:152 Resp: 192
Ion Ratio Lower Upper
152 100
151 100.9 16.6 24.8

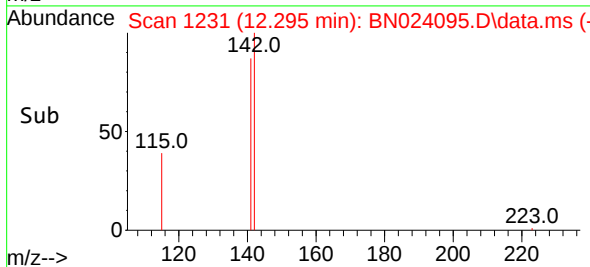
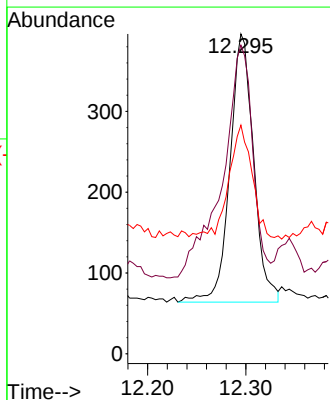
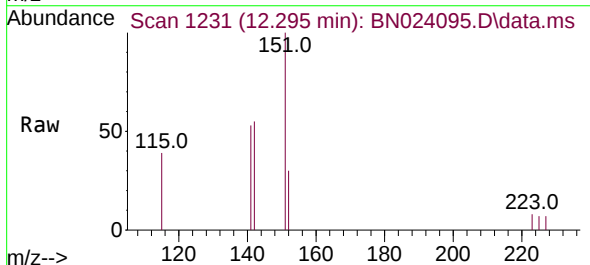
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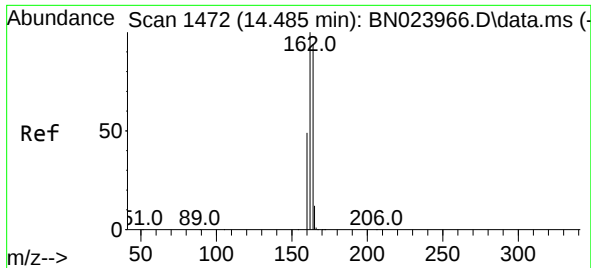
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#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 12.295 min Scan# 1231
Delta R.T. -0.004 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

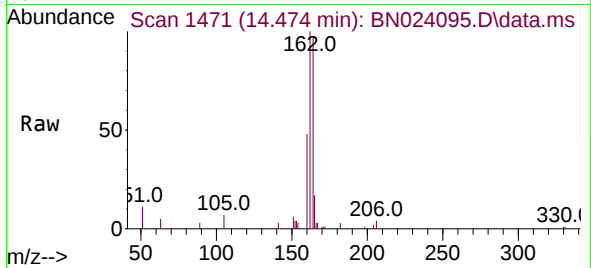
Tgt Ion:142 Resp: 556
Ion Ratio Lower Upper
142 100
141 96.5 72.9 109.3
115 71.5 33.1 49.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

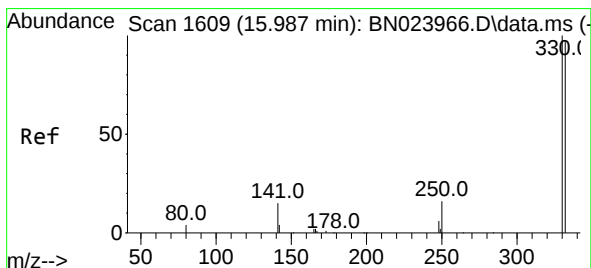
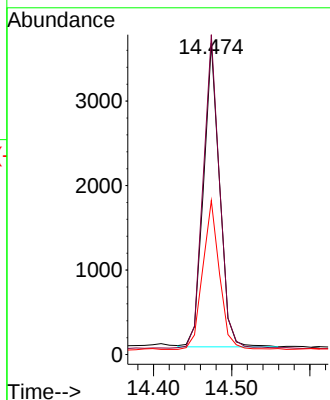
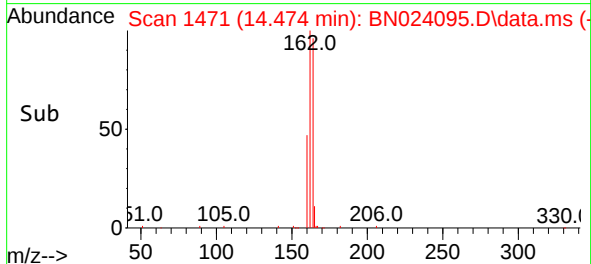
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910



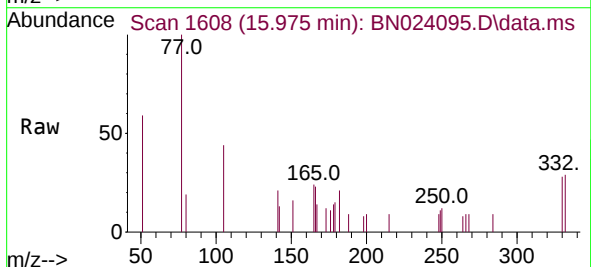
Tgt Ion:164 Resp: 5144
Ion Ratio Lower Upper
164 100
162 102.7 84.8 127.2
160 49.4 42.0 63.0

Manual Integrations
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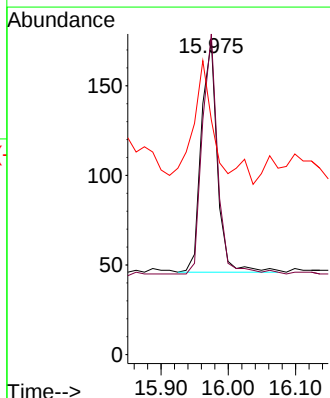
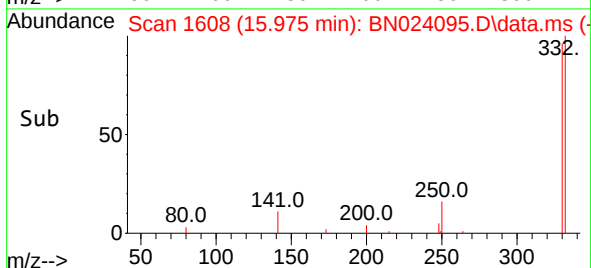
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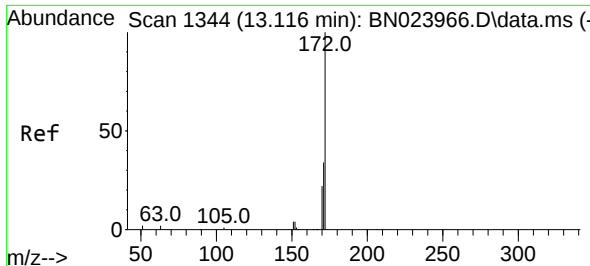


#14
2,4,6-Tribromophenol
Concen: 0.081 ng
RT: 15.975 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22



Tgt Ion:330 Resp: 214
Ion Ratio Lower Upper
330 100
332 99.5 77.7 116.5
141 51.9 26.6 39.8#





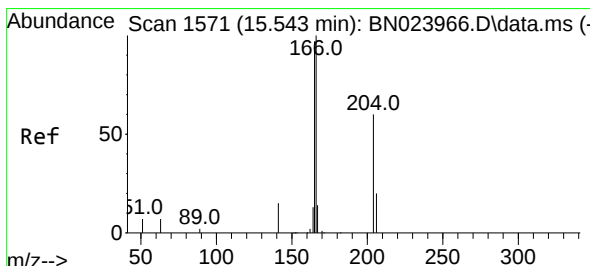
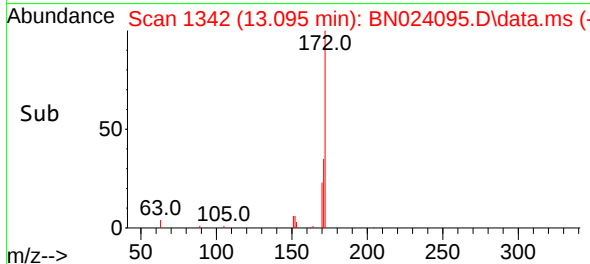
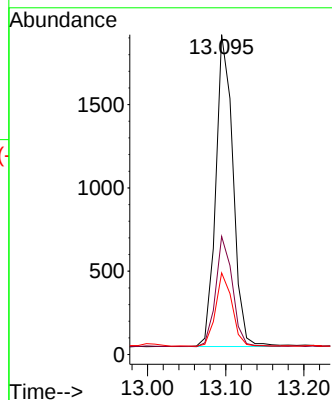
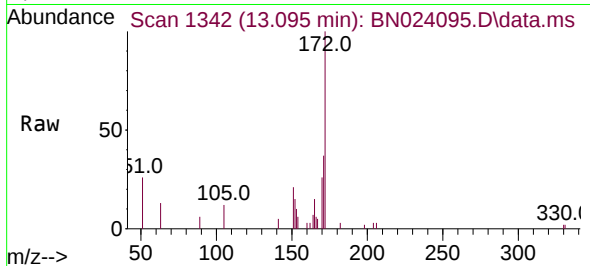
#15
2-Fluorobiphenyl
Concen: 0.141 ng
RT: 13.095 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

Instrument : BNA_N
ClientSampleId : BP-VPB-RW10-GW-908-910

Tgt Ion:	172	Resp:	287
Ion Ratio	Lower	Upper	
172	100		
171	36.9	27.4	41.2
170	25.5	18.2	27.4

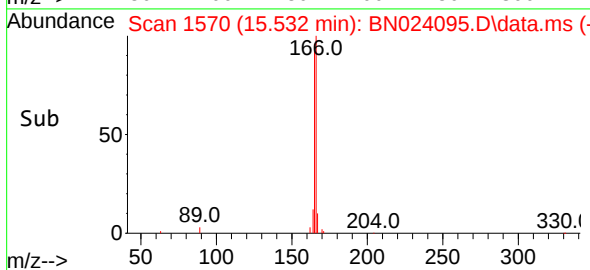
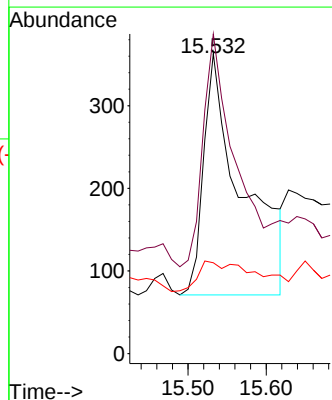
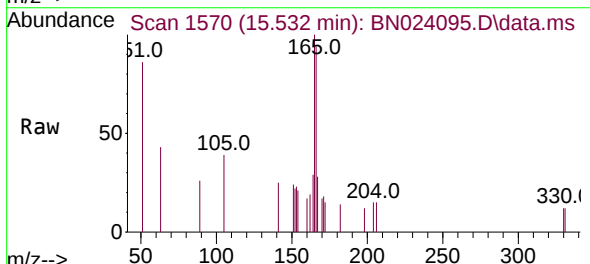
Manual Integrations
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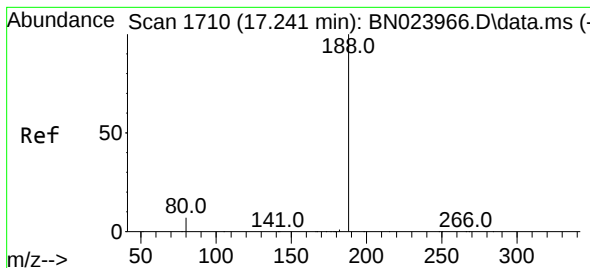
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#18
Fluorene
Concen: 0.054 ng
RT: 15.532 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

Tgt Ion:	166	Resp:	1003
Ion Ratio	Lower	Upper	
166	100		
165	80.9	79.3	118.9
167	19.3	11.0	16.6





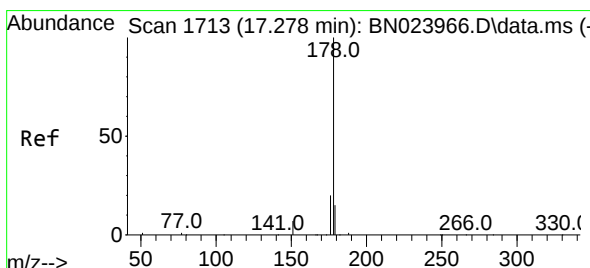
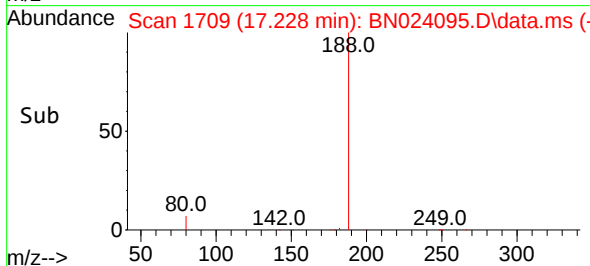
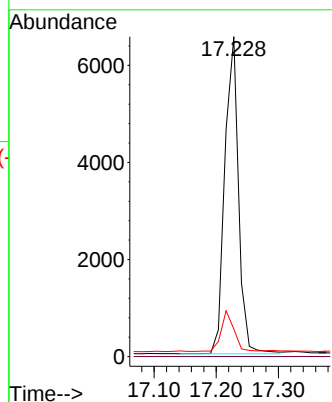
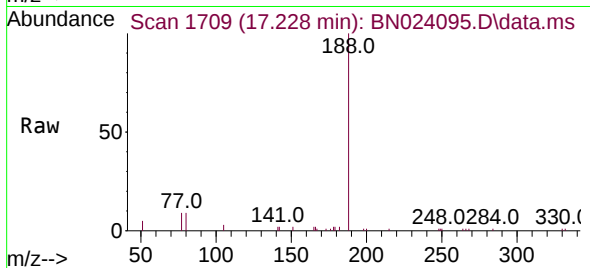
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.228 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910

Tgt Ion:188 Resp: 10048
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 6.1 9.1

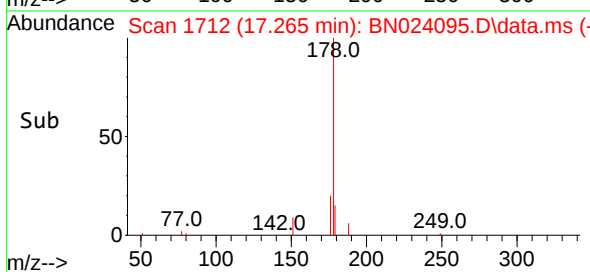
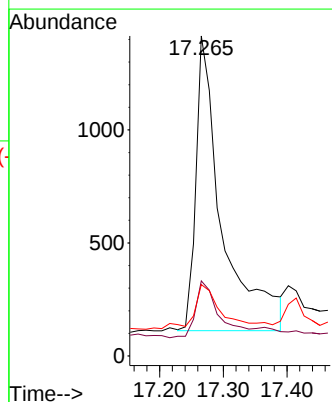
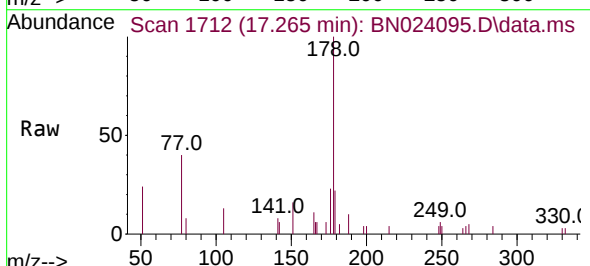
Manual Integrations
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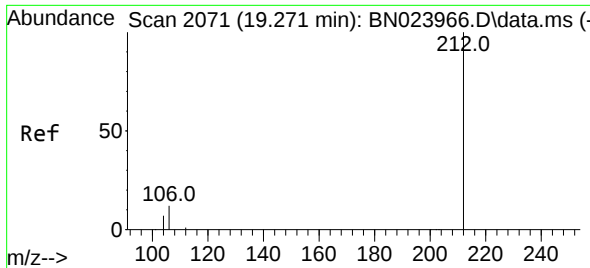
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#25
Phenanthrene
Concen: 0.134 ng m
RT: 17.265 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

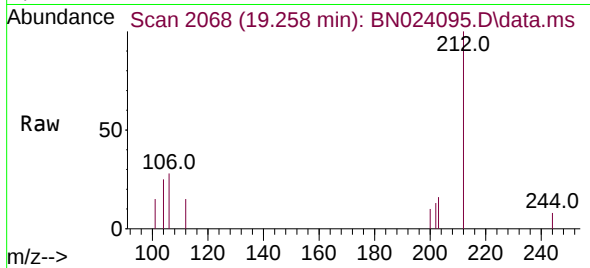
Tgt Ion:178 Resp: 3718
Ion Ratio Lower Upper
178 100
176 22.6 15.6 23.4
179 15.7 12.6 19.0





#27
Fluoranthene-d10
Concen: 0.041 ng
RT: 19.258 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

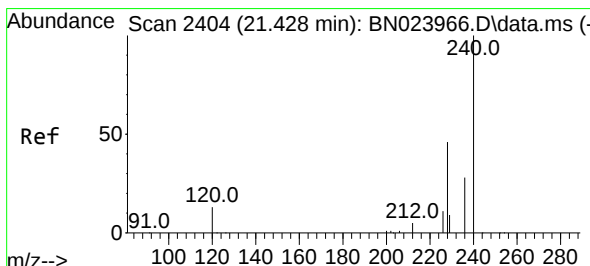
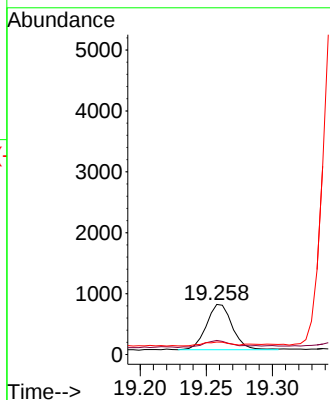
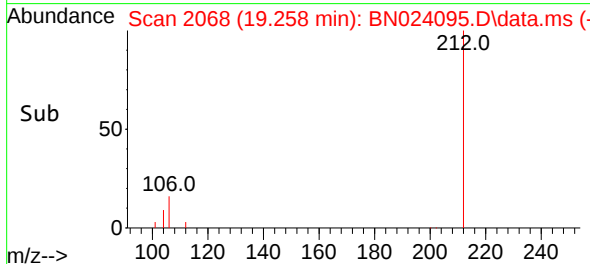
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910



Tgt Ion:212 Resp: 1003
Ion Ratio Lower Upper
212 100
106 18.2 9.2 13.8
104 0.0 5.7 8.5

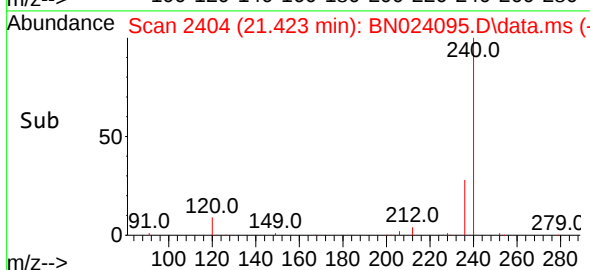
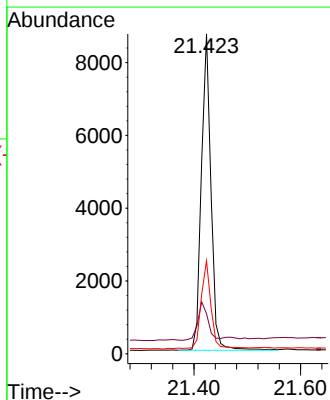
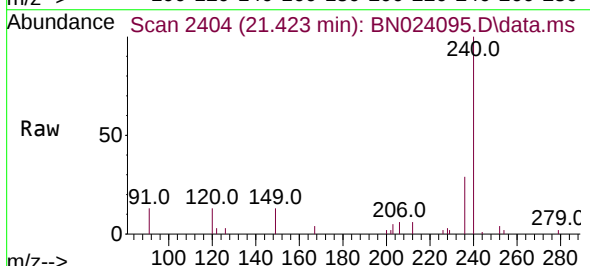
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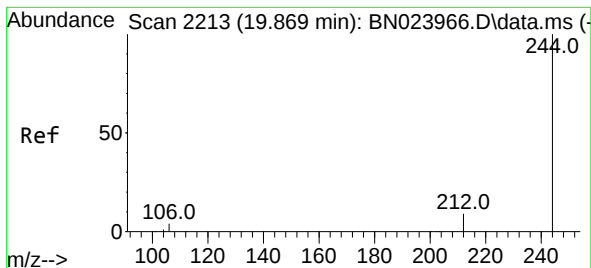
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.423 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BN024095.D
Acq: 22 Feb 2023 20:22

Tgt Ion:240 Resp: 10857
Ion Ratio Lower Upper
240 100
120 12.6 11.4 17.0
236 29.1 23.2 34.8





#31

Terphenyl-d14

Concen: 0.113 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN024095.D

Acq: 22 Feb 2023 20:22

Instrument :

BNA_N

ClientSampleId :

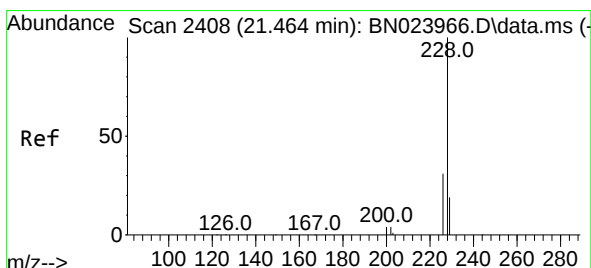
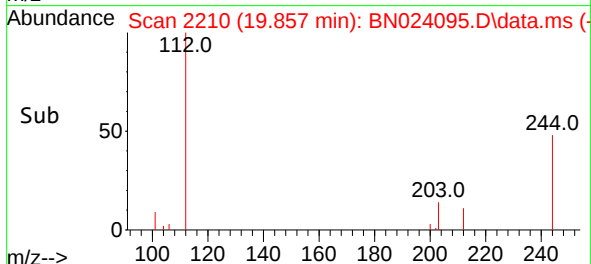
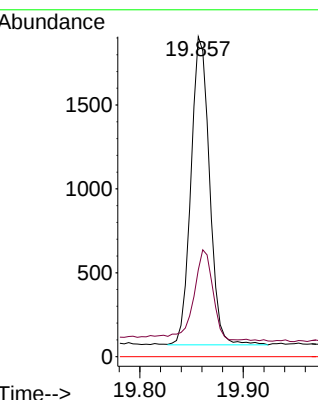
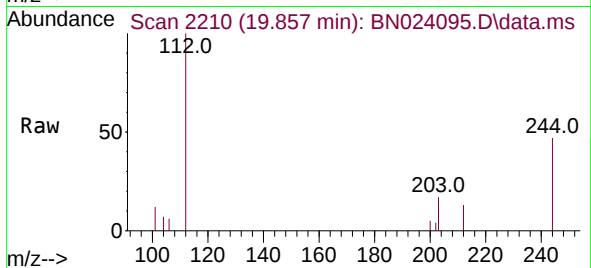
BP-VPB-RW10-GW-908-910

Tgt Ion:244	Resp:	2295
Ion Ratio	Lower	Upper
244	100	
212	27.1	7.7 11.5
122	0.0	0.0 0.0

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Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#33

Chrysene

Concen: 0.029 ng

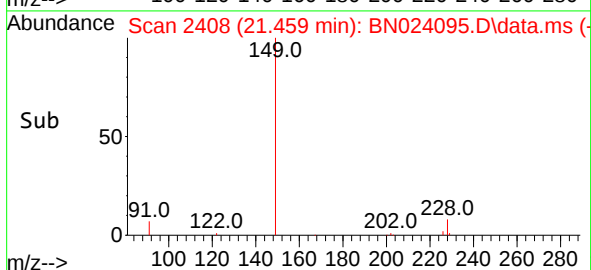
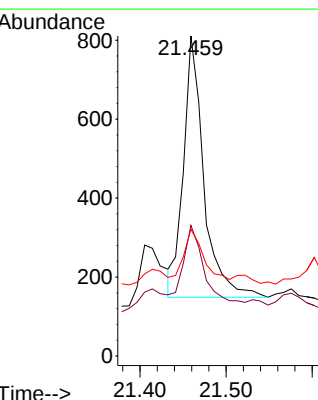
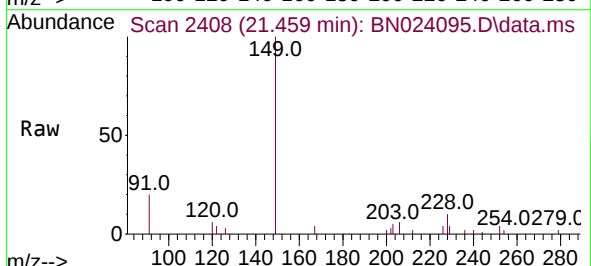
RT: 21.459 min Scan# 2408

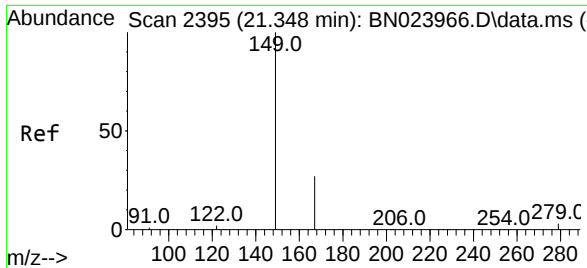
Delta R.T. -0.005 min

Lab File: BN024095.D

Acq: 22 Feb 2023 20:22

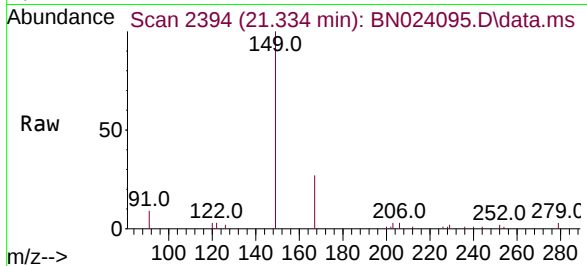
Tgt Ion:228	Resp:	1084
Ion Ratio	Lower	Upper
228	100	
226	40.8	25.2 37.8
229	39.6	15.7 23.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.795 ng
 RT: 21.334 min Scan# 2394
 Delta R.T. 0.004 min
 Lab File: BN024095.D
 Acq: 22 Feb 2023 20:22

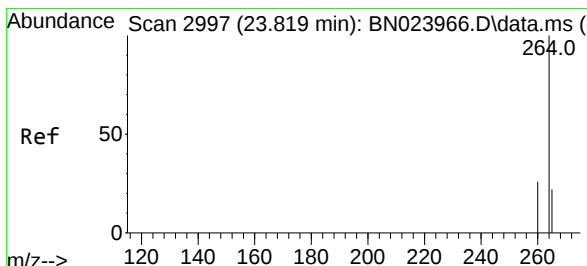
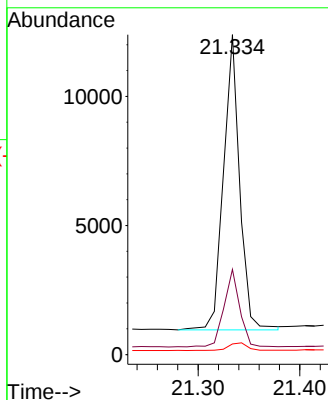
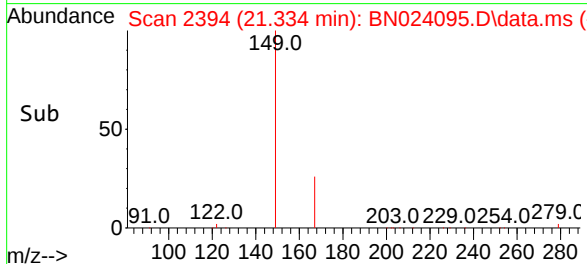
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-908-910



Tgt Ion:149 Resp: 12624
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.1 31.7
 279 3.2 3.1 4.7

Manual Integrations
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Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/24/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.812 min Scan# 2994
 Delta R.T. -0.004 min
 Lab File: BN024095.D
 Acq: 22 Feb 2023 20:22

Tgt Ion:264 Resp: 10847
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.4 32.0
 265 67.8 41.4 62.0#

