

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092822\
 Data File : BN021935.D
 Acq On : 27 Sep 2022 14:59
 Operator : CG/JU
 Sample : N4791-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-538-540

Quant Time: Sep 28 04:29:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 04:21:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	5638	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	18412	0.400	ng	# 0.00
13) Acenaphthene-d10	14.696	164	9874	0.400	ng	0.00
19) Phenanthrene-d10	17.444	188	18683	0.400	ng	0.00
29) Chrysene-d12	21.643	240	11518	0.400	ng	# 0.00
35) Perylene-d12	24.150	264	8976	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2298	0.156	ng	0.00
5) Phenol-d6	7.202	99	1820	0.097	ng	0.00
8) Nitrobenzene-d5	9.222	82	4736m	0.311	ng	0.01
11) 2-Methylnaphthalene-d10	12.460	152	14071	0.303	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	1215	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.328	172	13860	0.344	ng	0.00
27) Fluoranthene-d10	19.481	212	19566	0.389	ng	0.00
31) Terphenyl-d14	20.067	244	12718	0.483	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	34990	4.803	ng	97
6) bis(2-Chloroethyl)ether	7.462	93	384	0.021	ng	94
34) Bis(2-ethylhexyl)phtha...	21.535	149	4559	0.154	ng	# 97

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

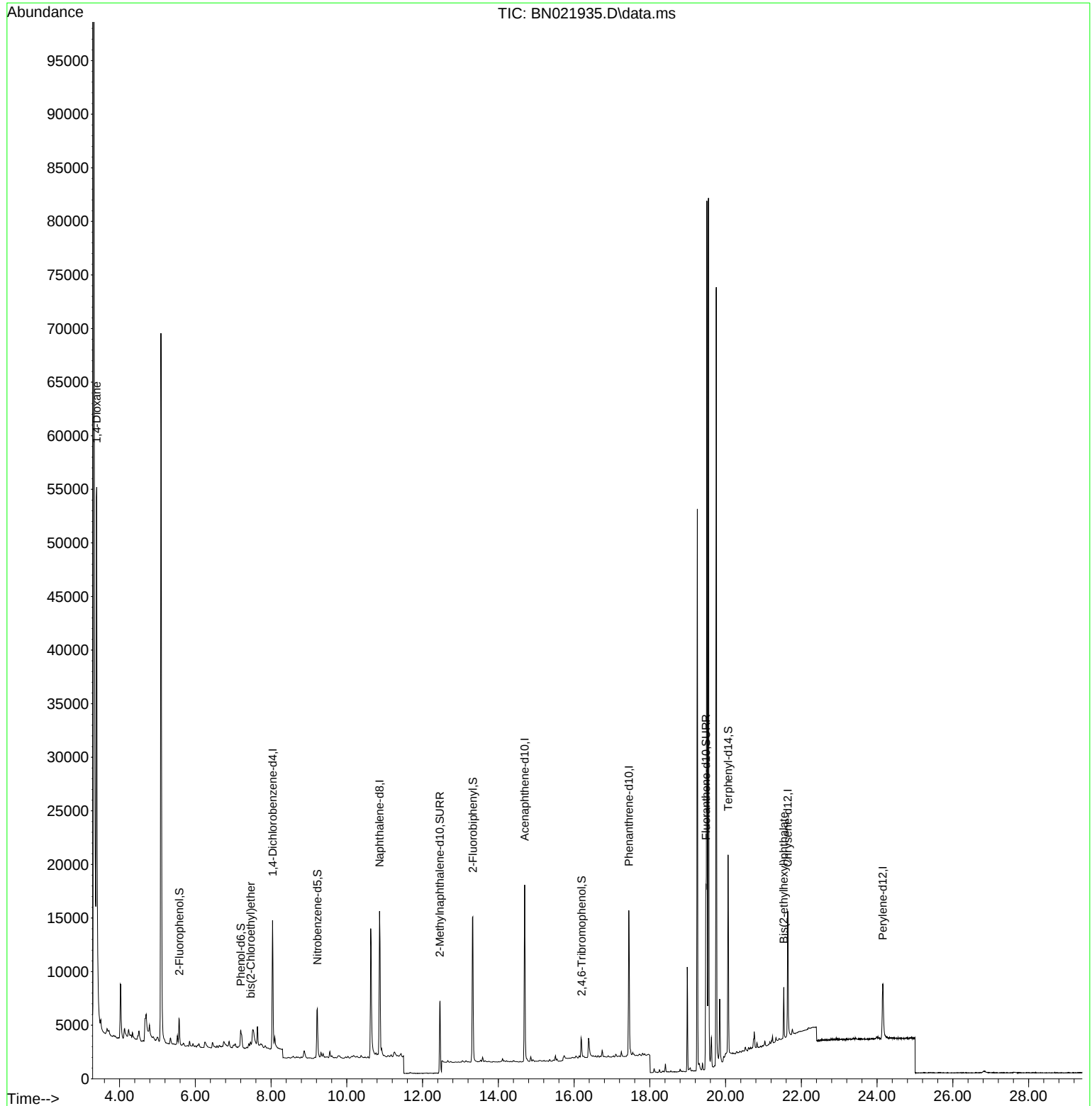
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092822\
Data File : BN021935.D
Acq On : 27 Sep 2022 14:59
Operator : CG/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

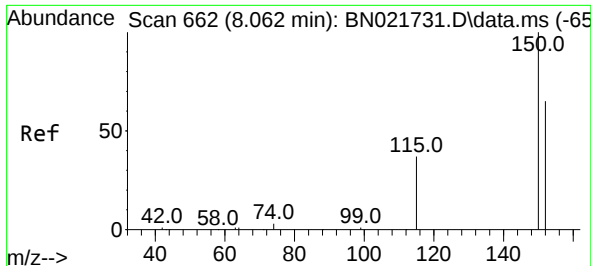
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540

Quant Time: Sep 28 04:29:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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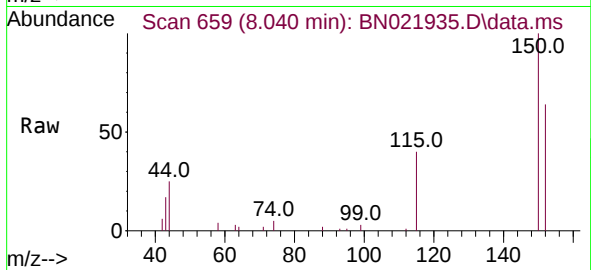
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

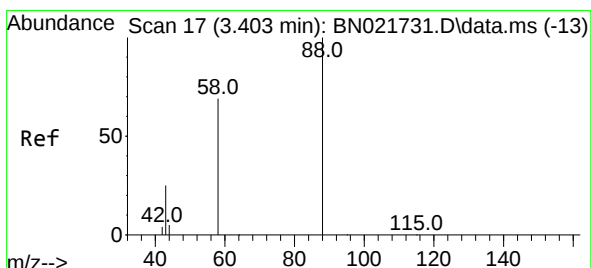
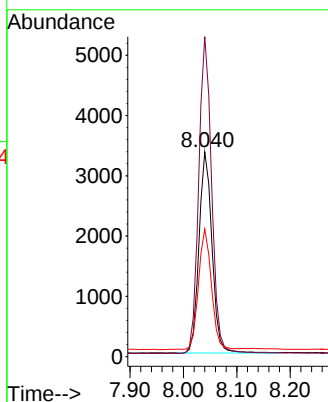
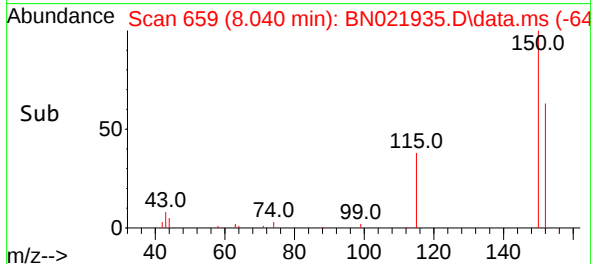
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540



Tgt Ion:152 Resp: 5638
Ion Ratio Lower Upper
152 100
150 156.3 121.8 182.8
115 62.3 48.3 72.5

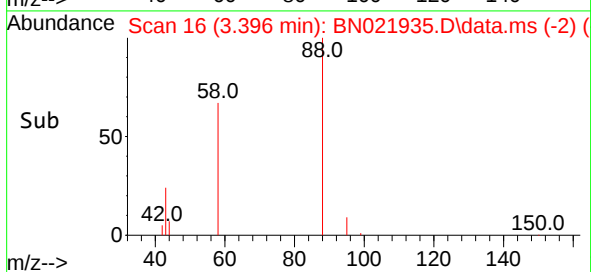
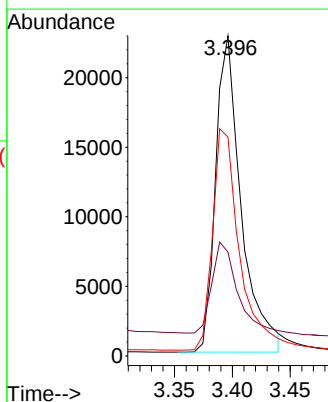
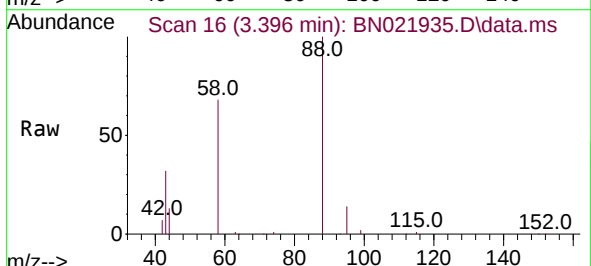
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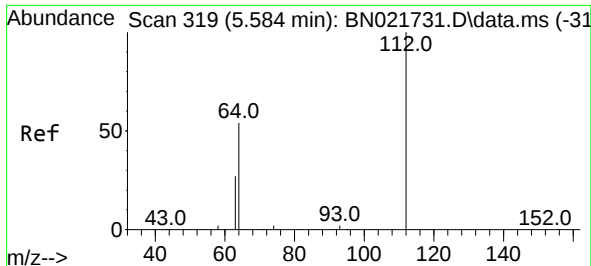
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#2
1,4-Dioxane
Concen: 4.803 ng
RT: 3.396 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

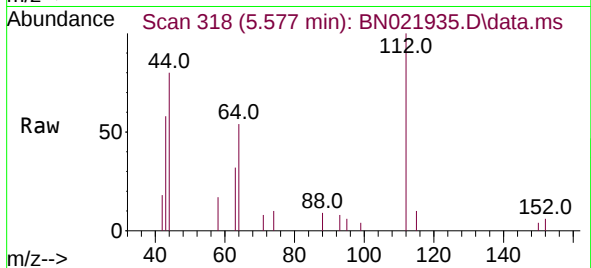
Tgt Ion: 88 Resp: 34990
Ion Ratio Lower Upper
88 100
43 28.6 24.2 36.2
58 72.9 60.2 90.4





#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

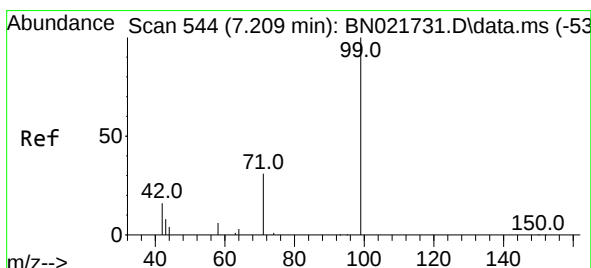
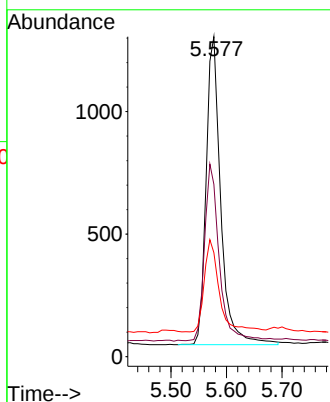
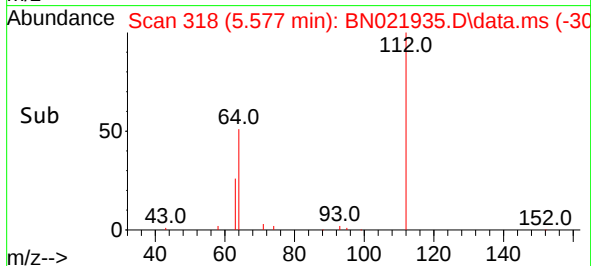
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540



Tgt Ion: 112 Resp: 2298
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.2
63 30.9 23.3 34.9

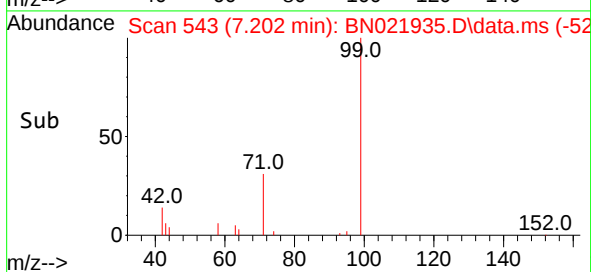
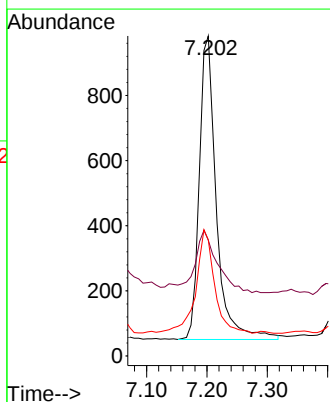
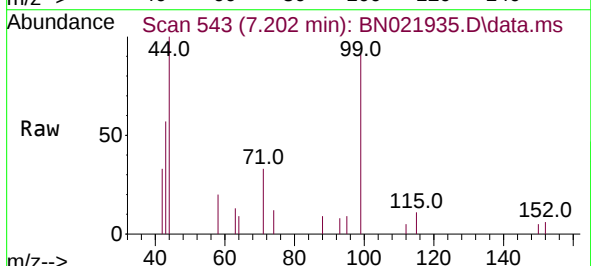
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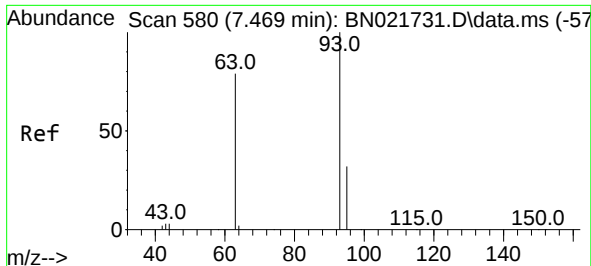
Reviewed By :Christian Giraldo 09/28/2022
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#5
Phenol-d6
Concen: 0.097 ng
RT: 7.202 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

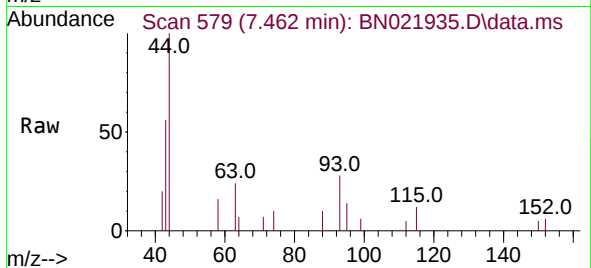
Tgt Ion: 99 Resp: 1820
Ion Ratio Lower Upper
99 100
42 29.0 15.1 22.7#
71 37.9 25.3 37.9





#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.462 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

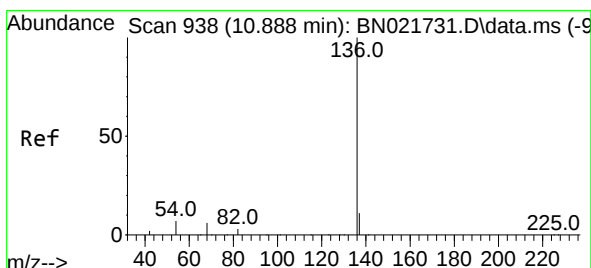
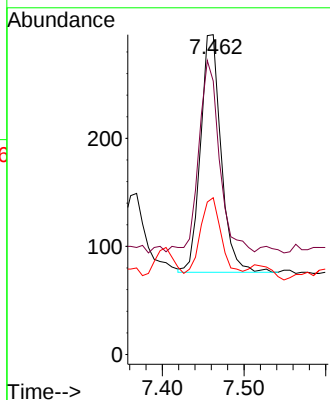
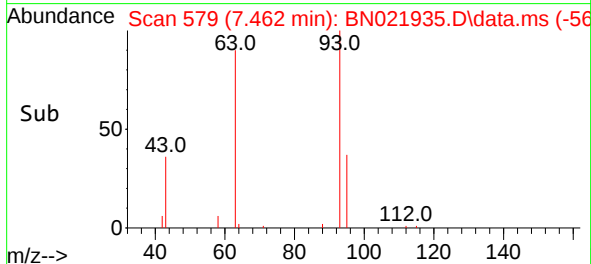
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540



Tgt Ion: 93 Resp: 384
Ion Ratio Lower Upper
93 100
63 81.8 60.0 90.0
95 32.8 26.2 39.4

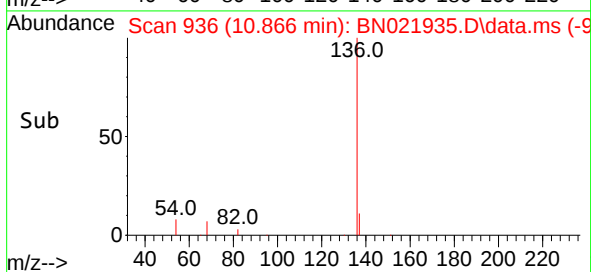
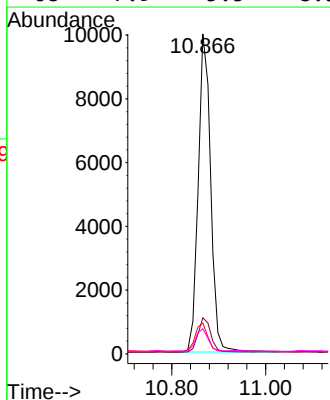
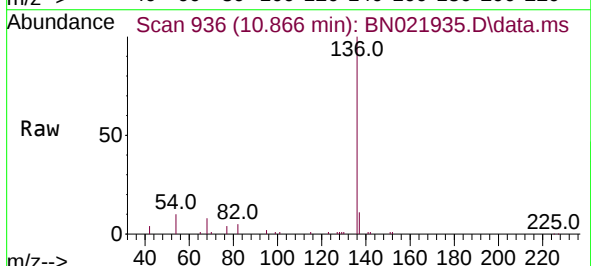
Manual Integrations
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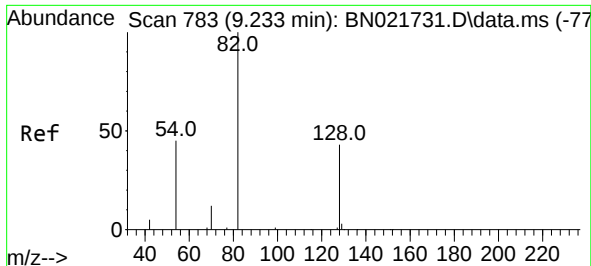
Reviewed By :Christian Giraldo 09/28/2022
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

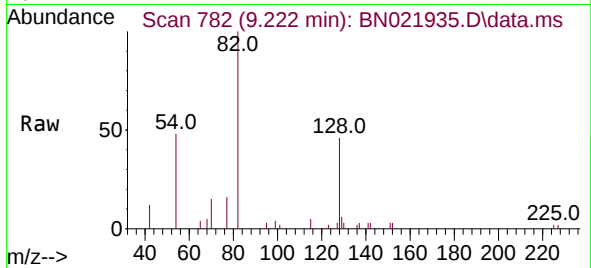
Tgt Ion:136 Resp: 18412
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.6 6.4 9.6#
68 7.9 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.311 ng m
RT: 9.222 min Scan# 783
Delta R.T. 0.011 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

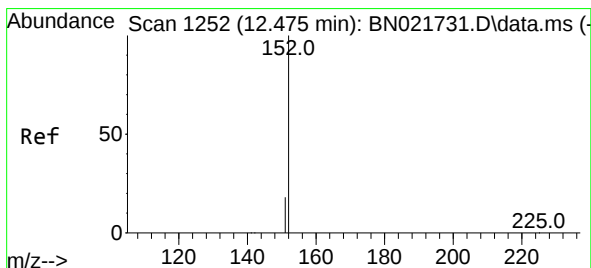
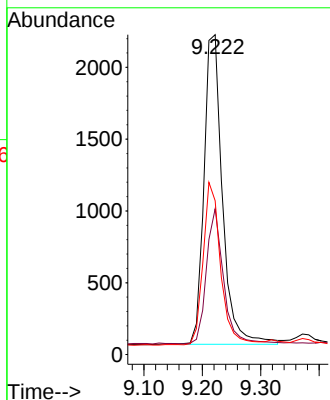
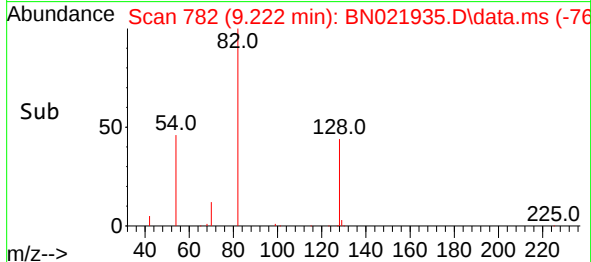
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540



Tgt Ion: 82 Resp: 4736
Ion Ratio Lower Upper
82 100
128 45.6 35.6 53.4
54 48.1 37.8 56.8

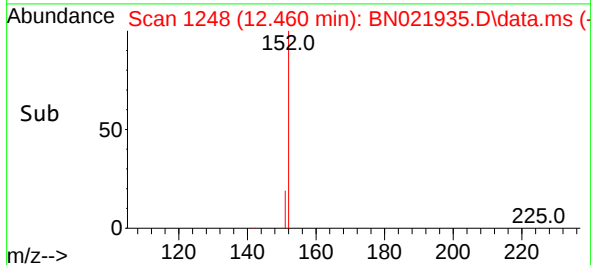
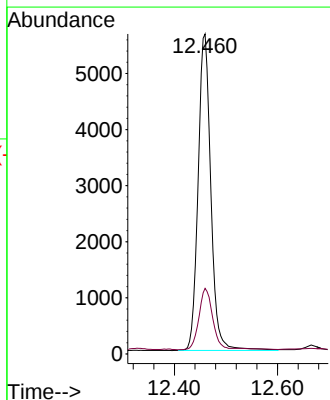
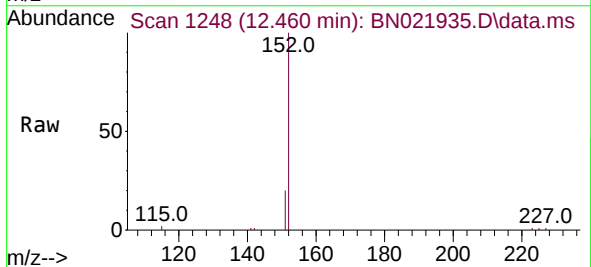
Manual Integrations
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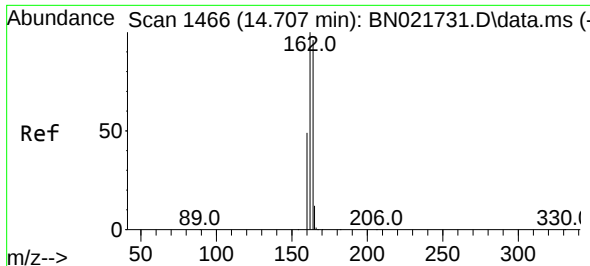
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.460 min Scan# 1248
Delta R.T. 0.004 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

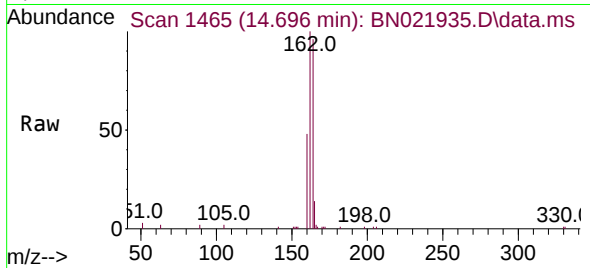
Tgt Ion:152 Resp: 14071
Ion Ratio Lower Upper
152 100
151 21.4 15.6 23.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.696 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

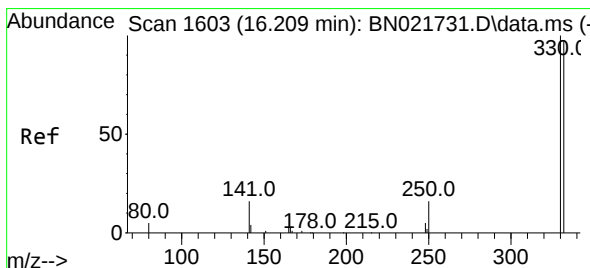
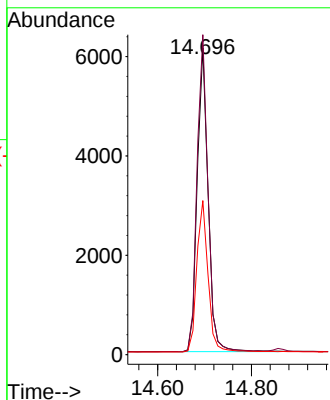
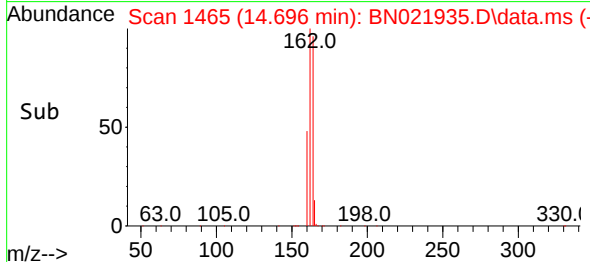
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540



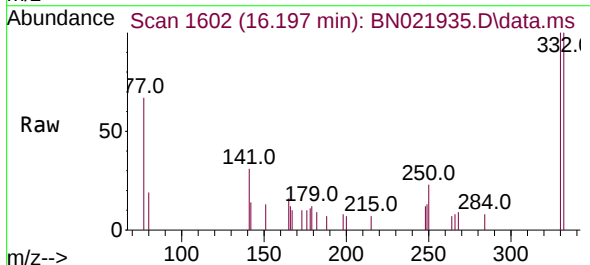
Tgt Ion:164 Resp: 9874
Ion Ratio Lower Upper
164 100
162 104.4 83.2 124.8
160 50.2 40.9 61.3

Manual Integrations
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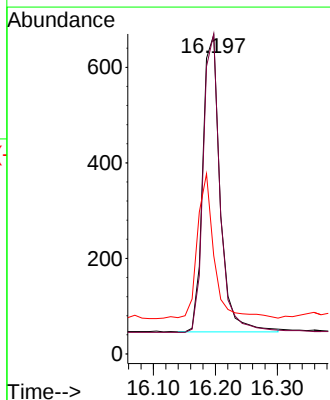
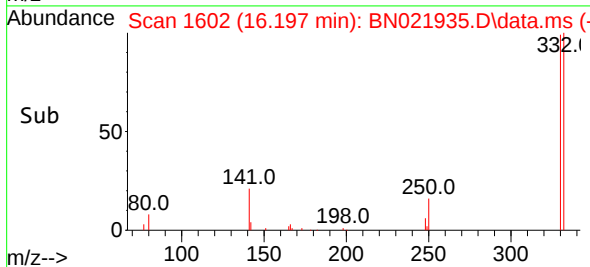
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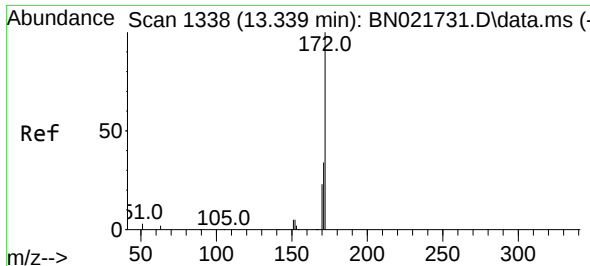


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 16.197 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59



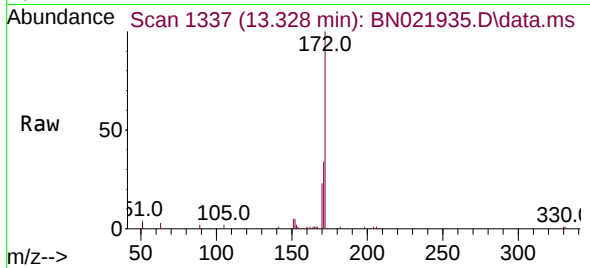
Tgt Ion:330 Resp: 1215
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 45.9 37.2 55.8





#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.328 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

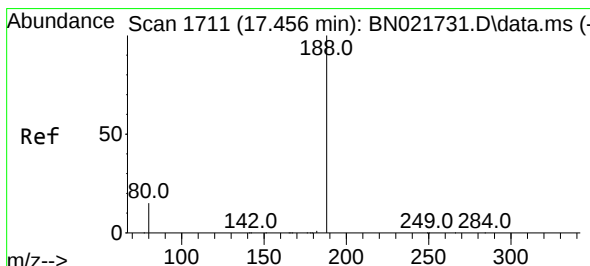
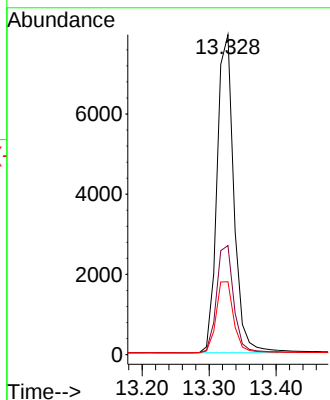
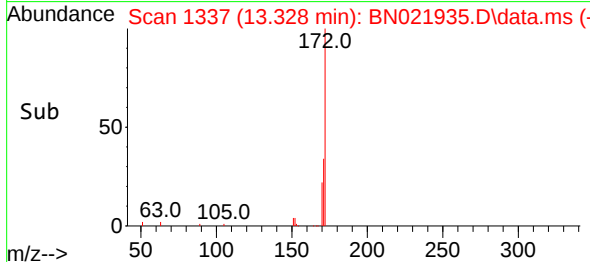
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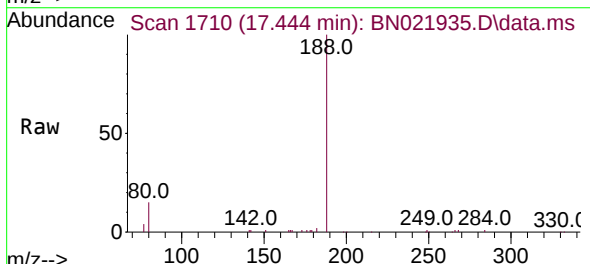
Tgt Ion:172 Resp: 13860
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 22.8 18.8 28.2

Manual Integrations
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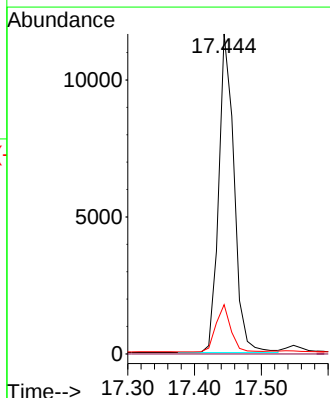
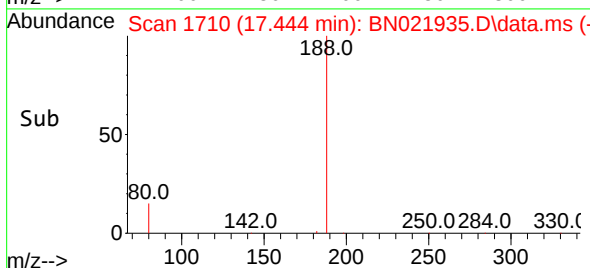
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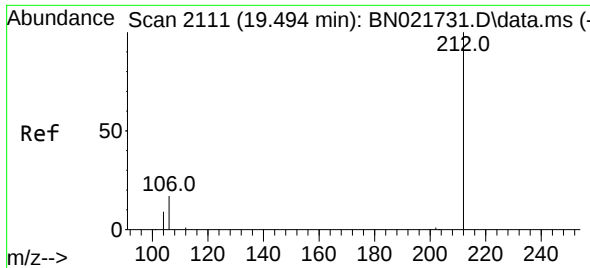


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.444 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59



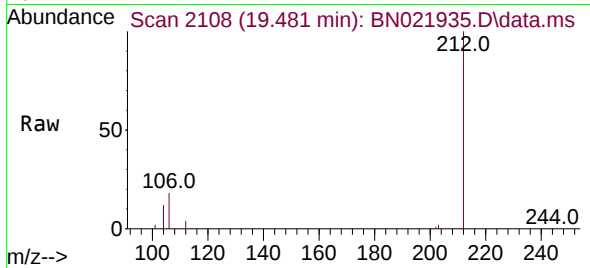
Tgt Ion:188 Resp: 18683
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 12.6 19.0





#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.481 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

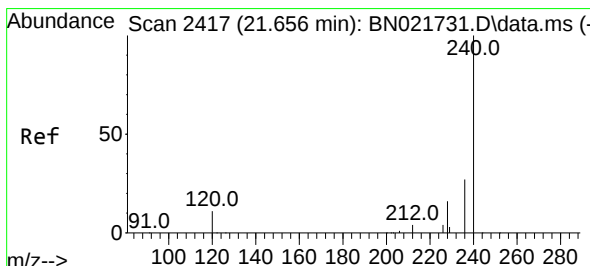
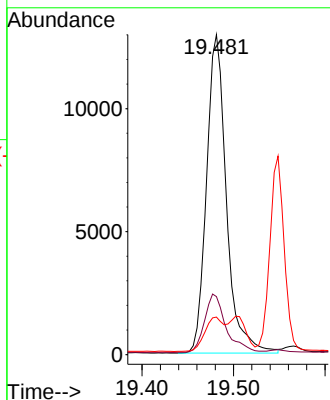
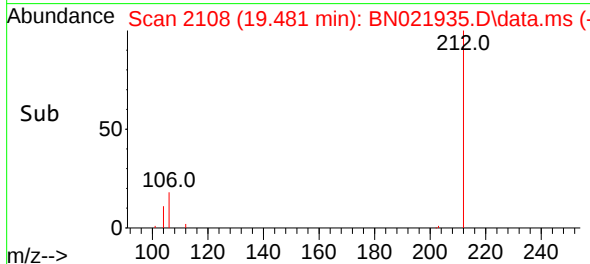
Instrument :
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BP-VPB-RW5-GW-538-540



Tgt Ion:212 Resp: 19566
Ion Ratio Lower Upper
212 100
106 19.7 14.3 21.5
104 10.0 8.0 12.0

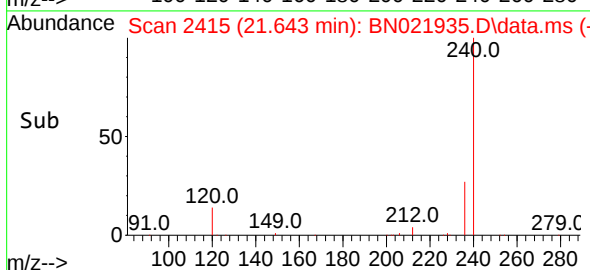
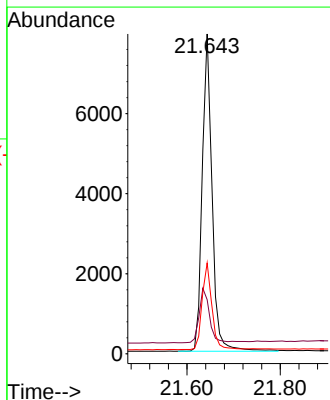
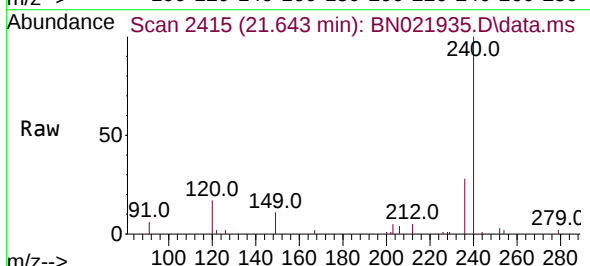
Manual Integrations
APPROVED

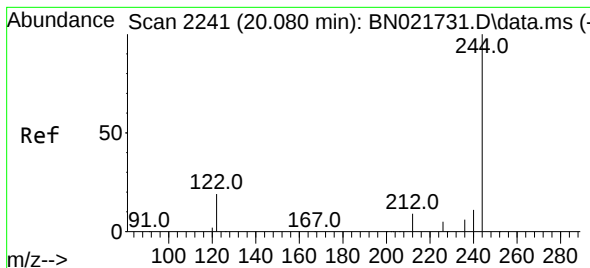
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 2415
Delta R.T. 0.005 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

Tgt Ion:240 Resp: 11518
Ion Ratio Lower Upper
240 100
120 16.9 9.8 14.8#
236 28.4 22.2 33.4





#31

Terphenyl-d14

Concen: 0.483 ng

RT: 20.067 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN021935.D

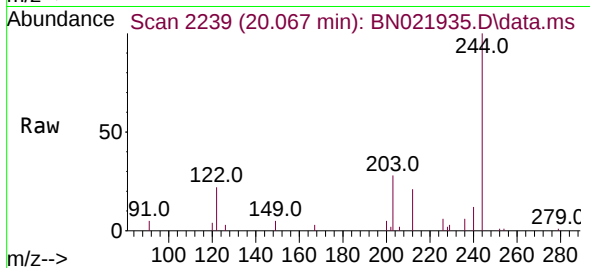
Acq: 27 Sep 2022 14:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-538-540



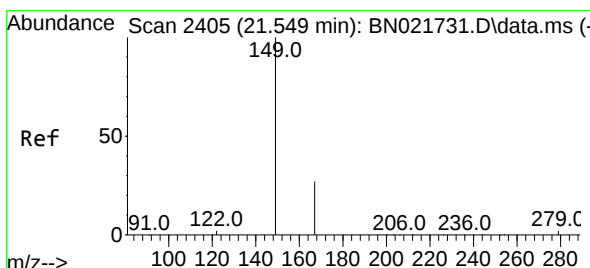
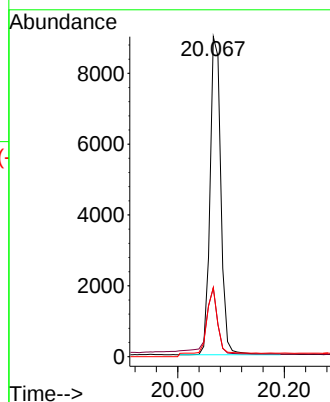
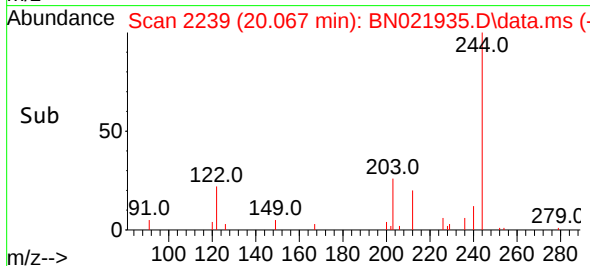
Tgt Ion:	244	Resp:	12718
Ion Ratio	Lower	Upper	
244	100		
212	21.5	7.9	11.9
122	21.6	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.154 ng

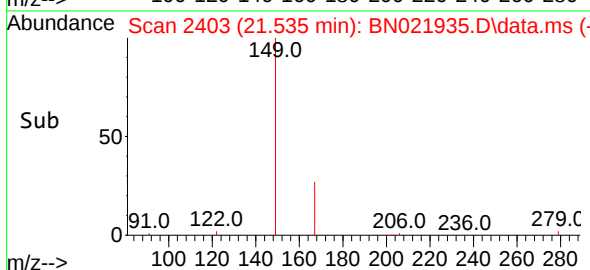
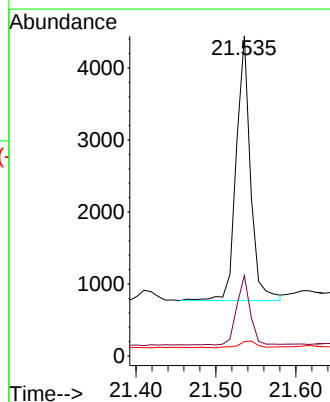
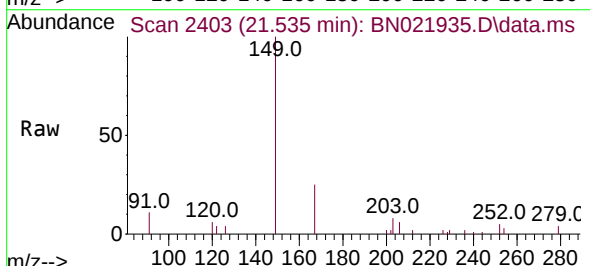
RT: 21.535 min Scan# 2403

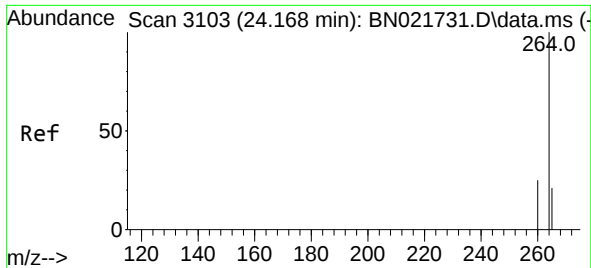
Delta R.T. 0.005 min

Lab File: BN021935.D

Acq: 27 Sep 2022 14:59

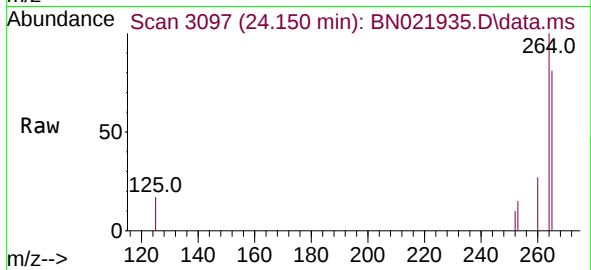
Tgt Ion:	149	Resp:	4559
Ion Ratio	Lower	Upper	
149	100		
167	24.5	20.8	31.2
279	3.3	2.1	3.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.150 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BN021935.D
 Acq: 27 Sep 2022 14:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-538-540



Tgt Ion:264 Resp: 8976
 Ion Ratio Lower Upper
 264 100
 260 27.4 20.6 31.0
 265 81.4 34.4 51.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

