

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021460.D
 Acq On : 30 Aug 2022 17:30
 Operator : CG/JU
 Sample : N4298-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20220822

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/31/2022
 Supervised By : Jagrut Upadhyay 08/31/2022

Quant Time: Aug 31 01:21:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4654	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14447	0.400	ng	0.00
13) Acenaphthene-d10	14.729	164	7809	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16605	0.400	ng	0.00
29) Chrysene-d12	21.673	240	11551	0.400	ng	0.00
35) Perylene-d12	24.197	264	8223	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1145	0.126	ng	0.00
5) Phenol-d6	7.224	99	865	0.075	ng	0.00
8) Nitrobenzene-d5	9.254	82	2659m	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	10069	0.309	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	524	0.204	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	9827	0.288	ng	0.00
27) Fluoranthene-d10	19.510	212	15463	0.362	ng	0.00
31) Terphenyl-d14	20.097	244	10579	0.408	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	13306	2.286	ng	Qvalue # 90
6) bis(2-Chloroethyl)ether	7.491	93	435	0.030	ng	99
34) Bis(2-ethylhexyl)phtha...	21.566	149	1279	0.079	ng	98

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

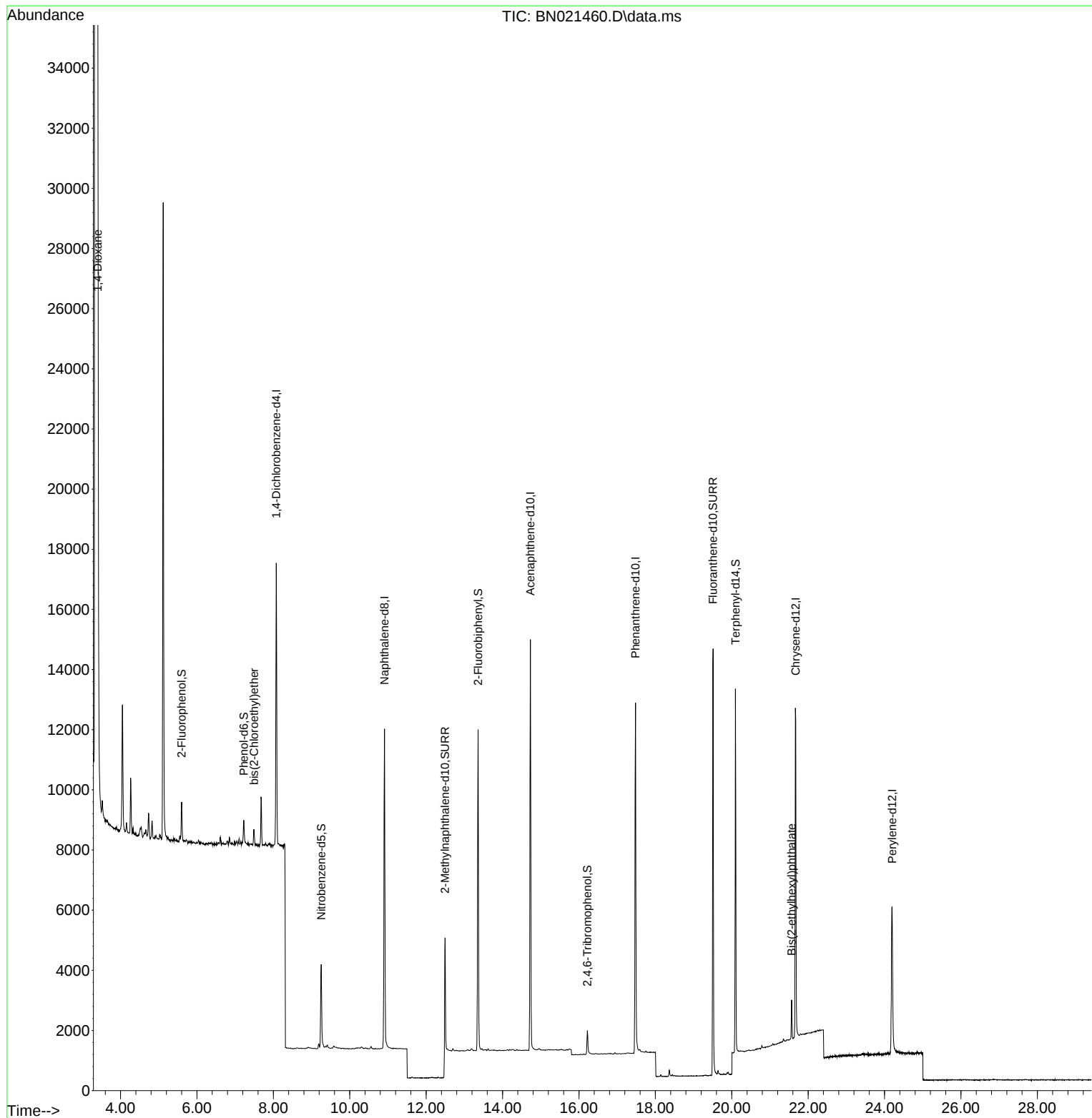
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021460.D
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Quant Time: Aug 31 01:21:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

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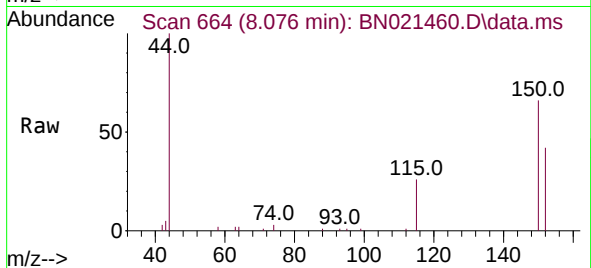
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021460.D
 Acq: 30 Aug 2022 17:30

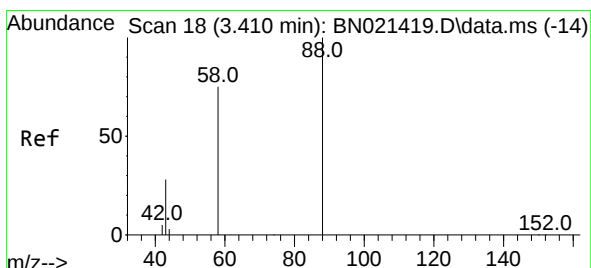
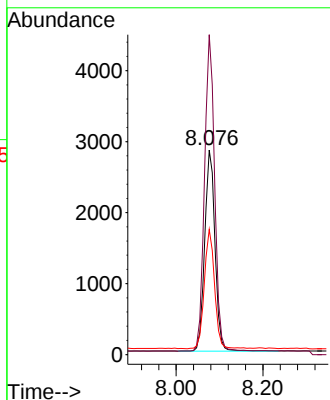
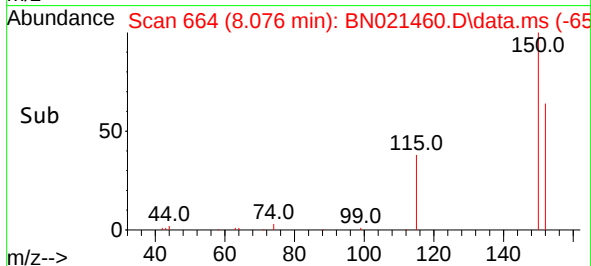
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20220822



Tgt Ion:152 Resp: 4654
 Ion Ratio Lower Upper
 152 100
 150 156.4 121.4 182.0
 115 61.2 48.6 72.8

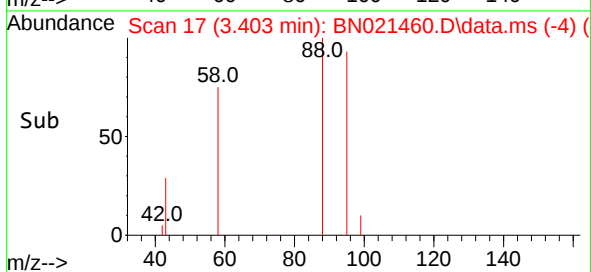
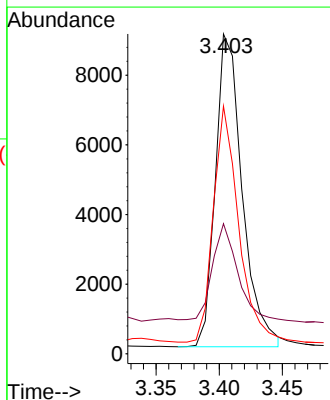
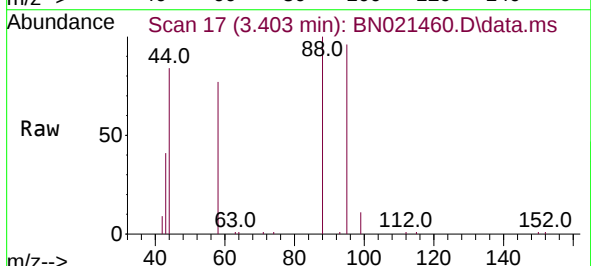
Manual Integrations
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 Supervised By :Jagrut Upadhyay 08/31/2022



#2
 1,4-Dioxane
 Concen: 2.286 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021460.D
 Acq: 30 Aug 2022 17:30

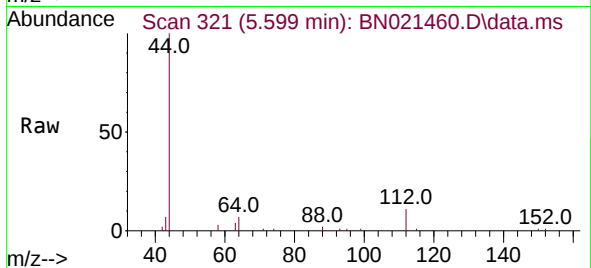
Tgt Ion: 88 Resp: 13306
 Ion Ratio Lower Upper
 88 100
 43 28.7 35.8 53.8
 58 70.8 57.1 85.7





#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30

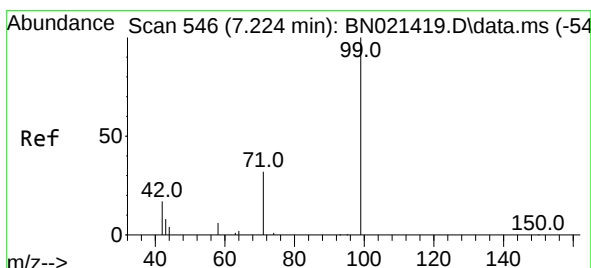
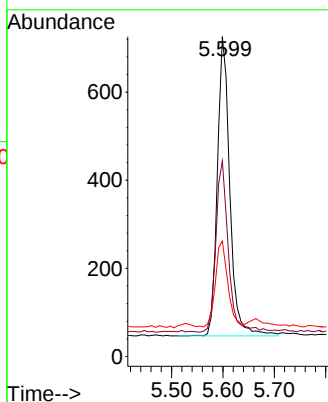
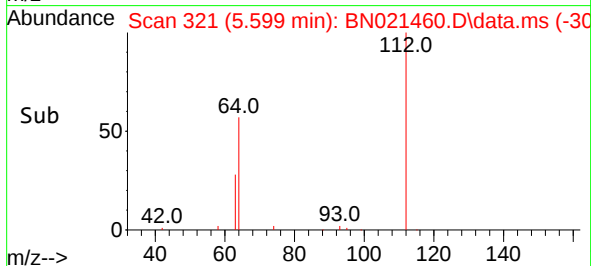
Instrument :
BNA_N
ClientSampleId :
RE132D7-20220822



Tgt Ion: 112 Resp: 1145
Ion Ratio Lower Upper
112 100
64 57.6 43.5 65.3
63 28.5 22.6 34.0

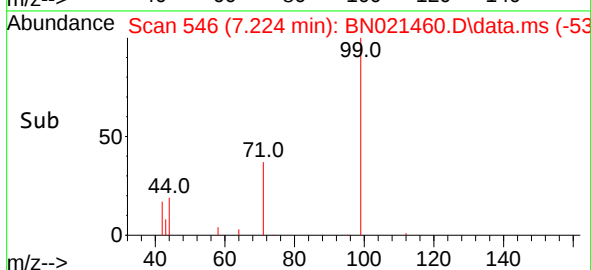
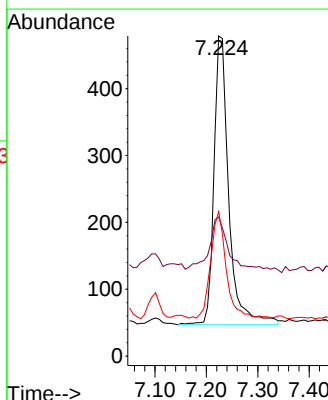
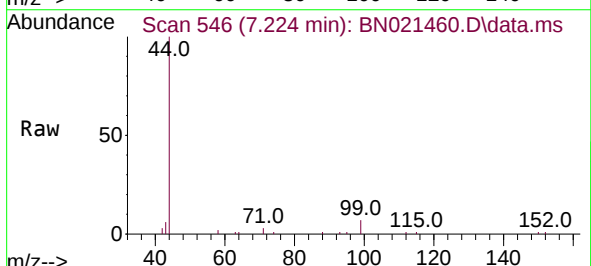
Manual Integrations
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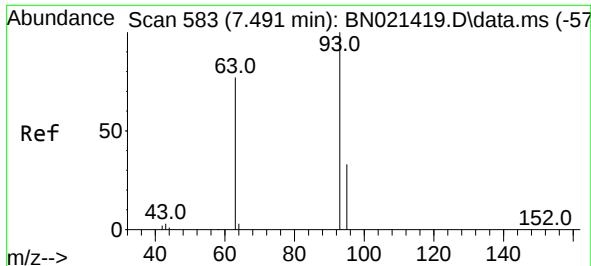
Reviewed By : Christian Giraldo 08/31/2022
Supervised By : Jagrut Upadhyay 08/31/2022



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30

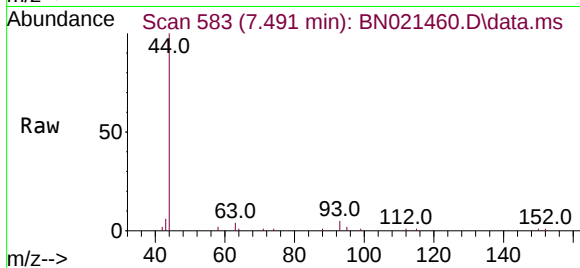
Tgt Ion: 99 Resp: 865
Ion Ratio Lower Upper
99 100
42 23.2 15.5 23.3
71 38.0 24.2 36.2#





#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.491 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30

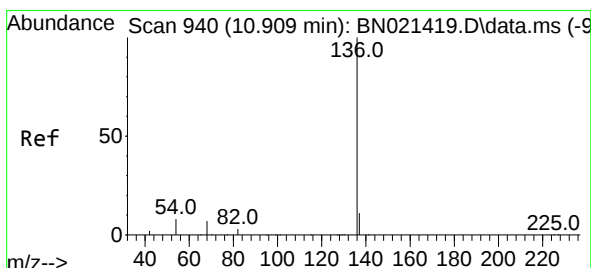
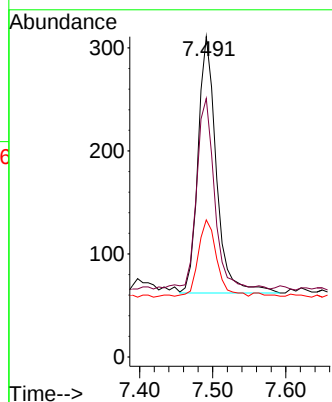
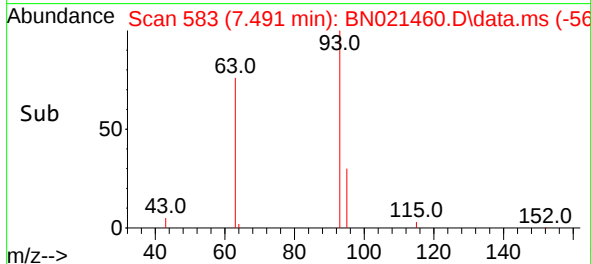
Instrument :
BNA_N
ClientSampleId :
RE132D7-20220822



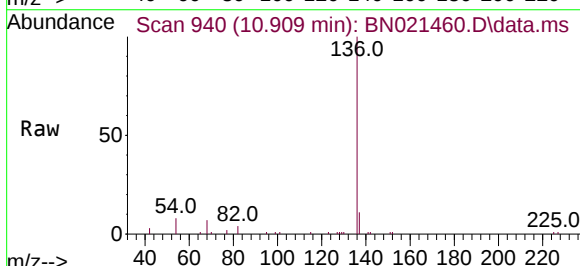
Tgt Ion: 93 Resp: 435
Ion Ratio Lower Upper
93 100
63 73.1 57.8 86.8
95 31.0 25.9 38.9

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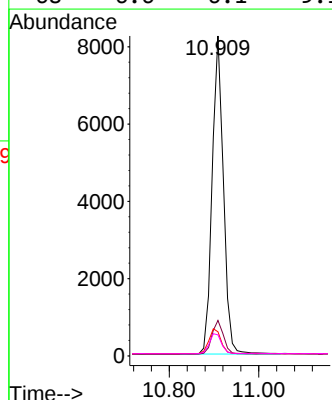
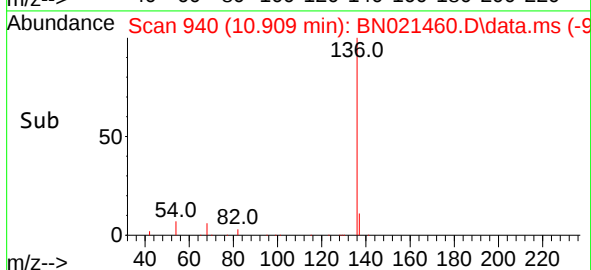
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

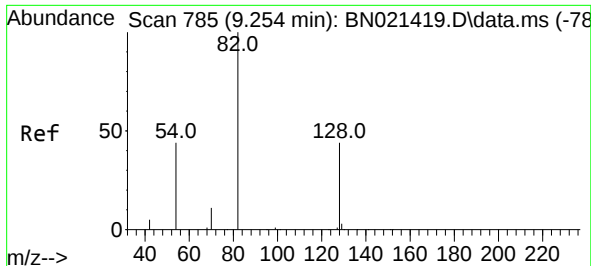


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30



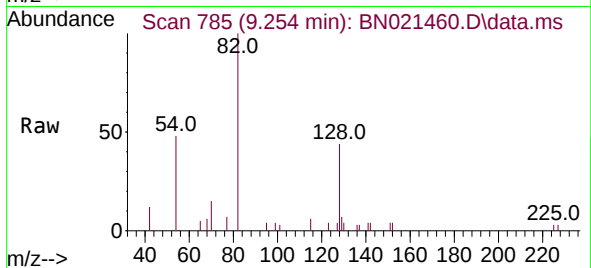
Tgt Ion:136 Resp: 14447
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 7.5 6.9 10.3
68 6.6 6.1 9.1





#8
Nitrobenzene-d5
Concen: 0.273 ng m
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30

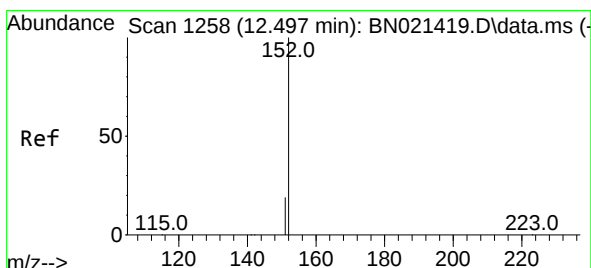
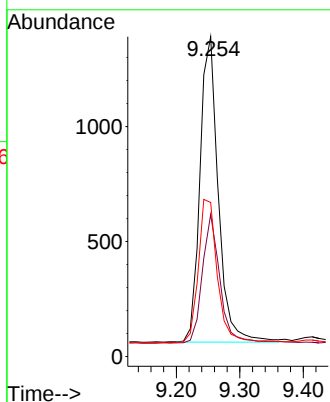
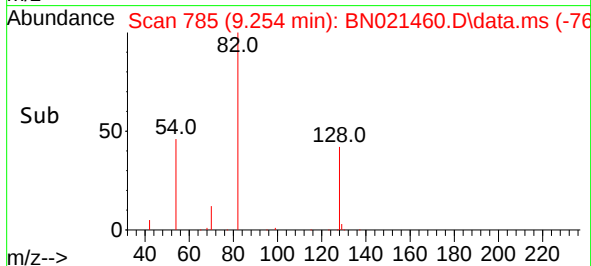
Instrument :
BNA_N
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RE132D7-20220822



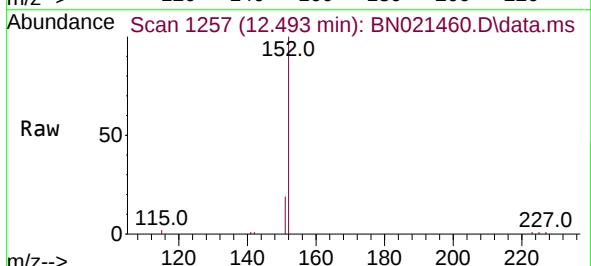
Tgt Ion: 82 Resp: 2659
Ion Ratio Lower Upper
82 100
128 44.4 30.9 46.3
54 48.2 42.7 64.1

Manual Integrations
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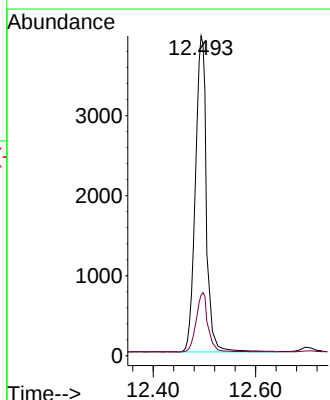
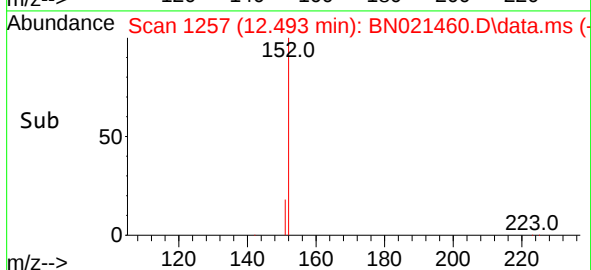
Reviewed By :Christian Giraldo 08/31/2022
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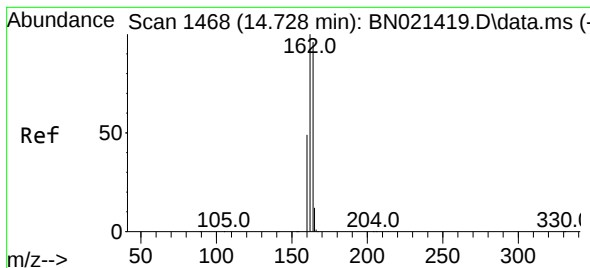


#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.493 min Scan# 1257
Delta R.T. -0.004 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30



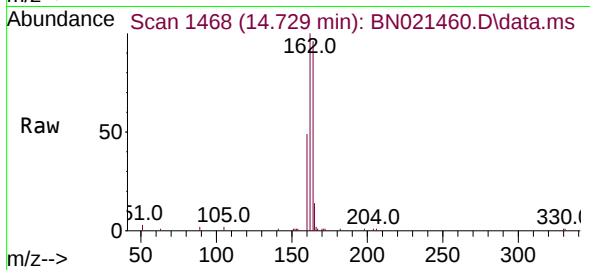
Tgt Ion:152 Resp: 10069
Ion Ratio Lower Upper
152 100
151 18.6 14.5 21.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30

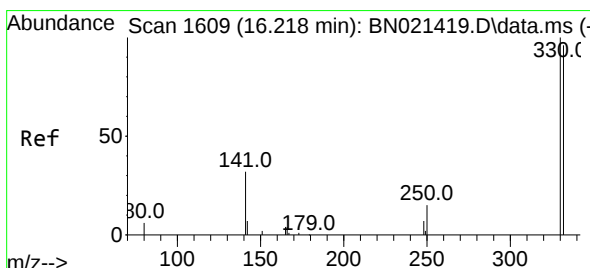
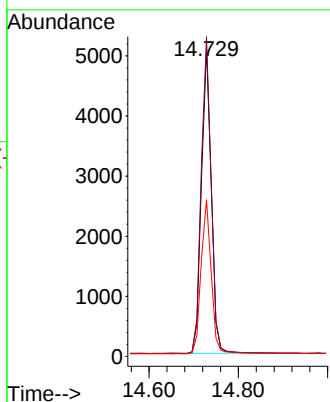
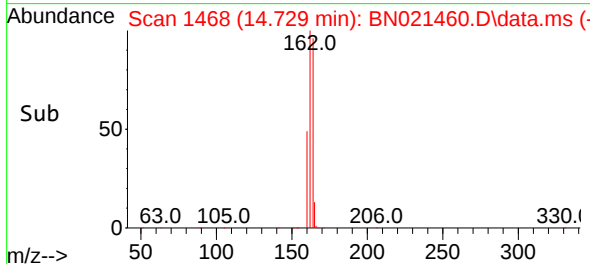
Instrument :
BNA_N
ClientSampleId :
RE132D7-20220822



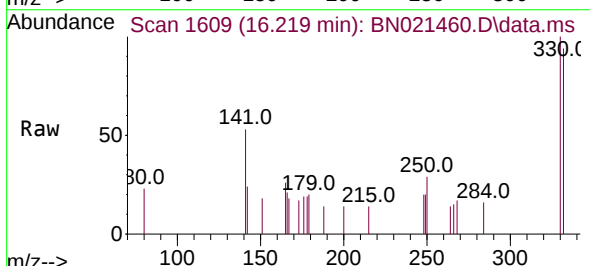
Tgt Ion:164 Resp: 7809
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.4
160 50.9 39.5 59.3

Manual Integrations
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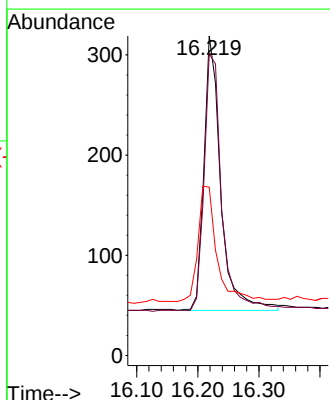
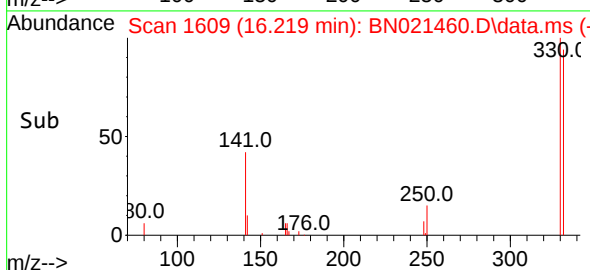
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

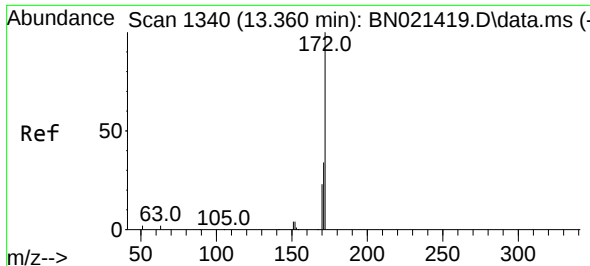


#14
2,4,6-Tribromophenol
Concen: 0.204 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30



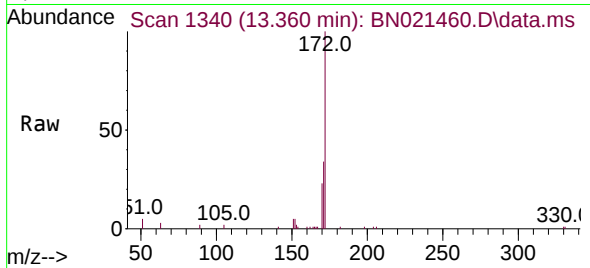
Tgt Ion:330 Resp: 524
Ion Ratio Lower Upper
330 100
332 96.9 79.3 118.9
141 46.6 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30

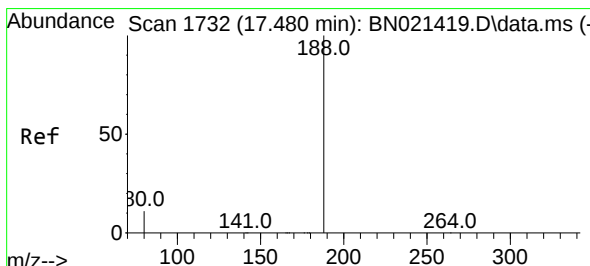
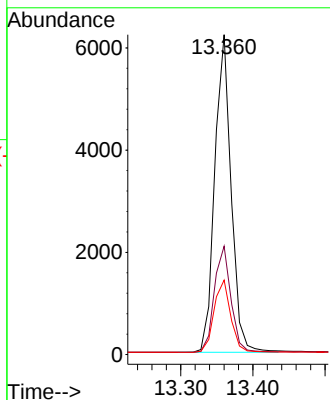
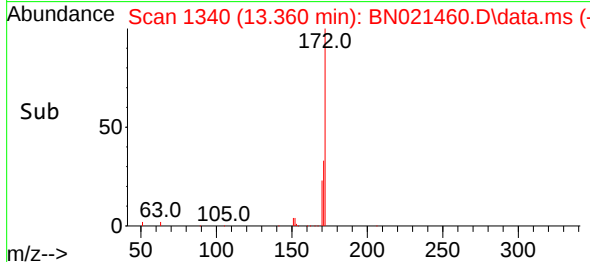
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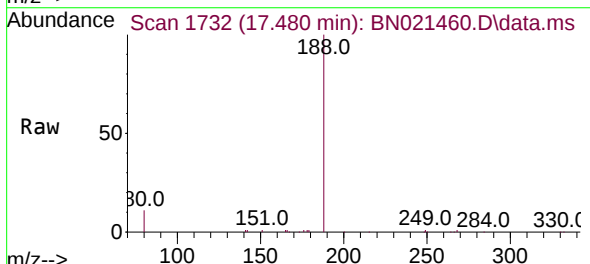
Tgt Ion:172 Resp: 982
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.6
170 23.3 18.6 28.0

Manual Integrations
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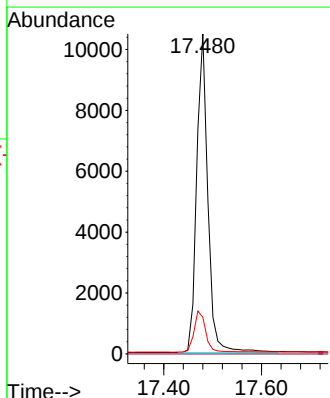
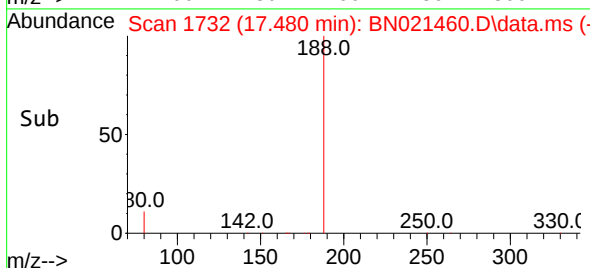
Reviewed By :Christian Giraldo 08/31/2022
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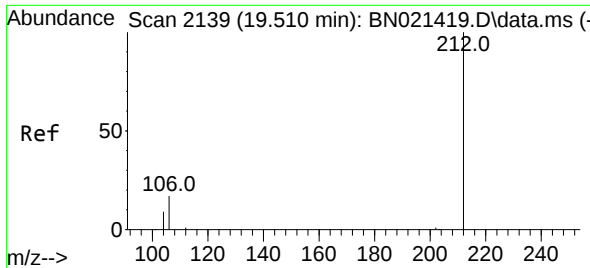


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30



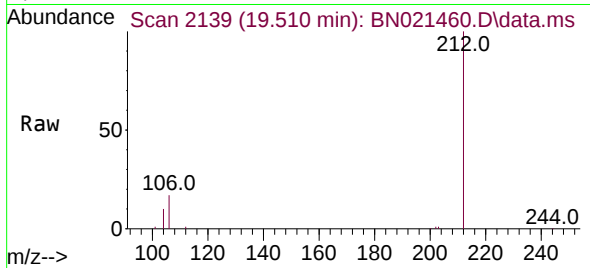
Tgt Ion:188 Resp: 16605
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.5 14.3





#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.510 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30

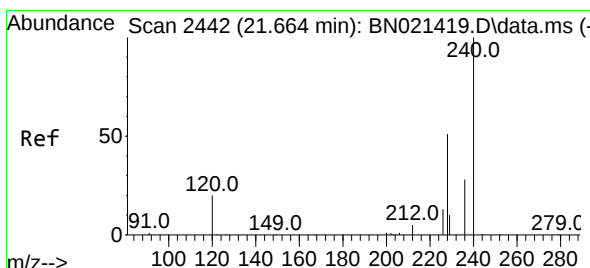
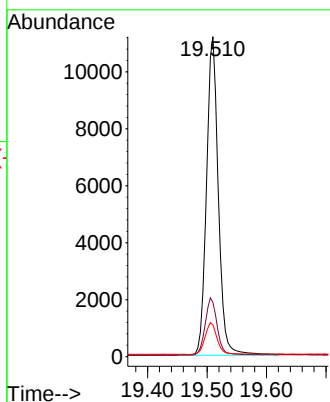
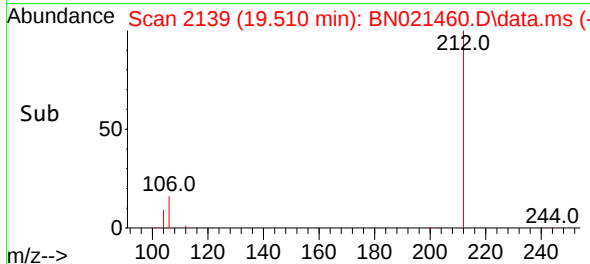
Instrument :
BNA_N
ClientSampleId :
RE132D7-20220822



Tgt Ion:212 Resp: 15463
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.1 7.8 11.6

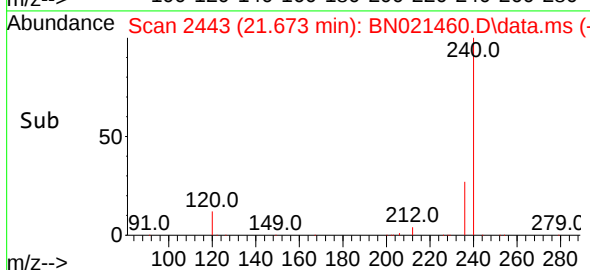
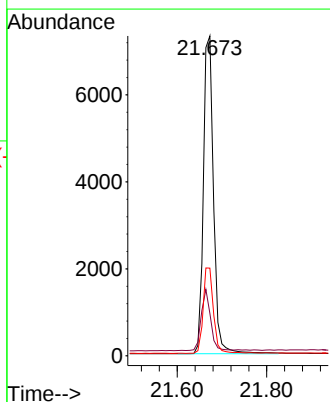
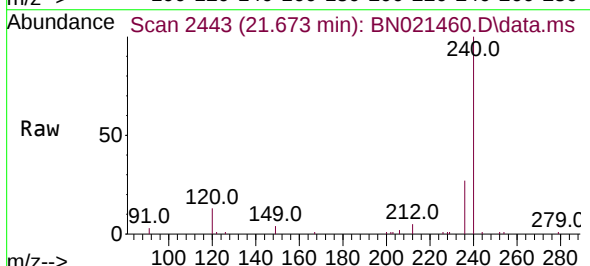
Manual Integrations
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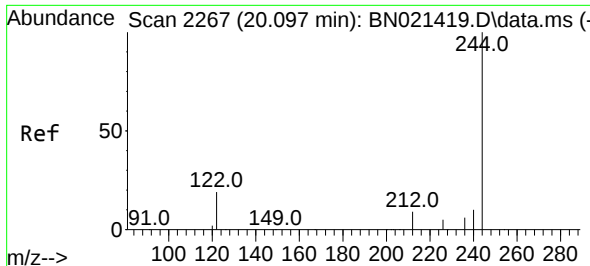
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021460.D
Acq: 30 Aug 2022 17:30

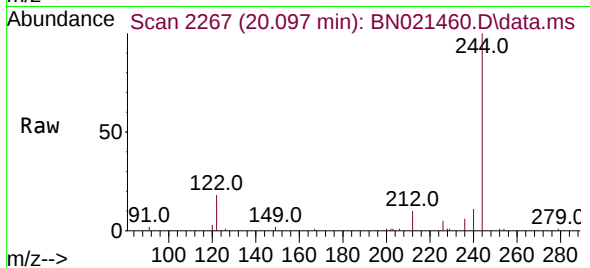
Tgt Ion:240 Resp: 11551
Ion Ratio Lower Upper
240 100
120 13.3 10.2 15.4
236 27.4 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.408 ng
 RT: 20.097 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BN021460.D
 Acq: 30 Aug 2022 17:30

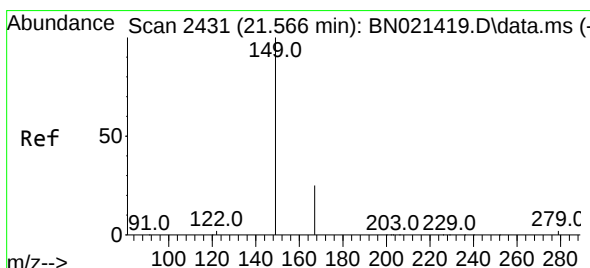
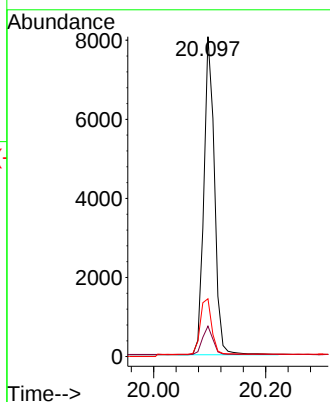
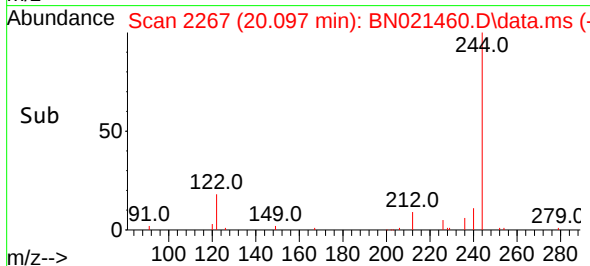
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20220822



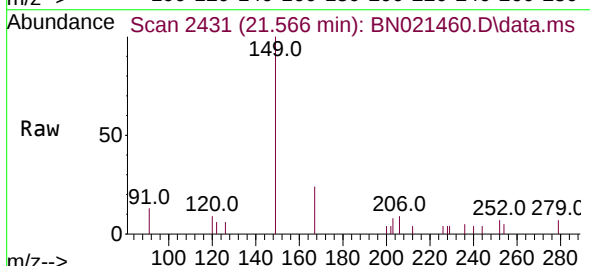
Tgt Ion:244 Resp: 10579
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.5 9.7
 122 18.1 9.1 13.7

Manual Integrations
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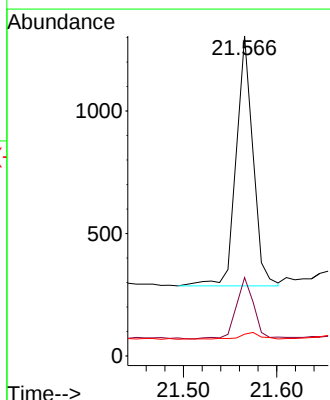
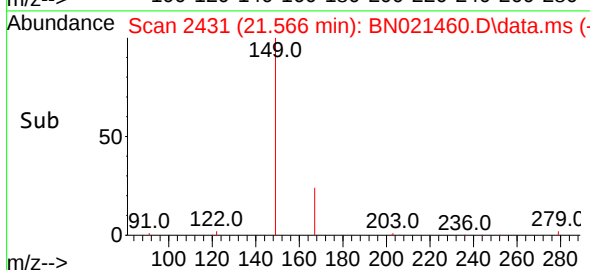
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022

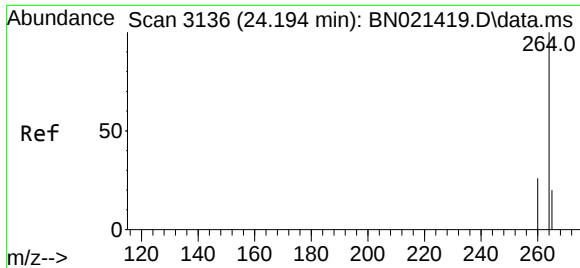


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021460.D
 Acq: 30 Aug 2022 17:30



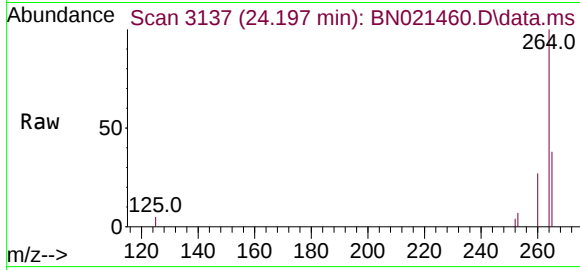
Tgt Ion:149 Resp: 1279
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.4 32.0
 279 3.0 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.197 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN021460.D
 Acq: 30 Aug 2022 17:30

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20220822



Tgt Ion:264 Resp: 8223
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.0 31.6
 265 38.2 32.2 48.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022

