

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021463.D
 Acq On : 30 Aug 2022 19:24
 Operator : CG/JU
 Sample : N4298-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20220822

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 01:22:42 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	4613	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14699	0.400	ng	0.00
13) Acenaphthene-d10	14.729	164	8279	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	17746	0.400	ng	0.00
29) Chrysene-d12	21.664	240	13686	0.400	ng	# 0.00
35) Perylene-d12	24.191	264	9543	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	721	0.080	ng	0.00
5) Phenol-d6	7.224	99	533	0.046	ng	0.00
8) Nitrobenzene-d5	9.254	82	2284m	0.230	ng	0.00
11) 2-Methylnaphthalene-d10	12.494	152	9035	0.273	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	471	0.173	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	8929	0.247	ng	0.00
27) Fluoranthene-d10	19.506	212	15094	0.331	ng	0.00
31) Terphenyl-d14	20.097	244	10211	0.332	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	28749	4.983	ng	# 90
6) bis(2-Chloroethyl)ether	7.491	93	485	0.033	ng	93
34) Bis(2-ethylhexyl)phtha...	21.566	149	2033	0.106	ng	# 97

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

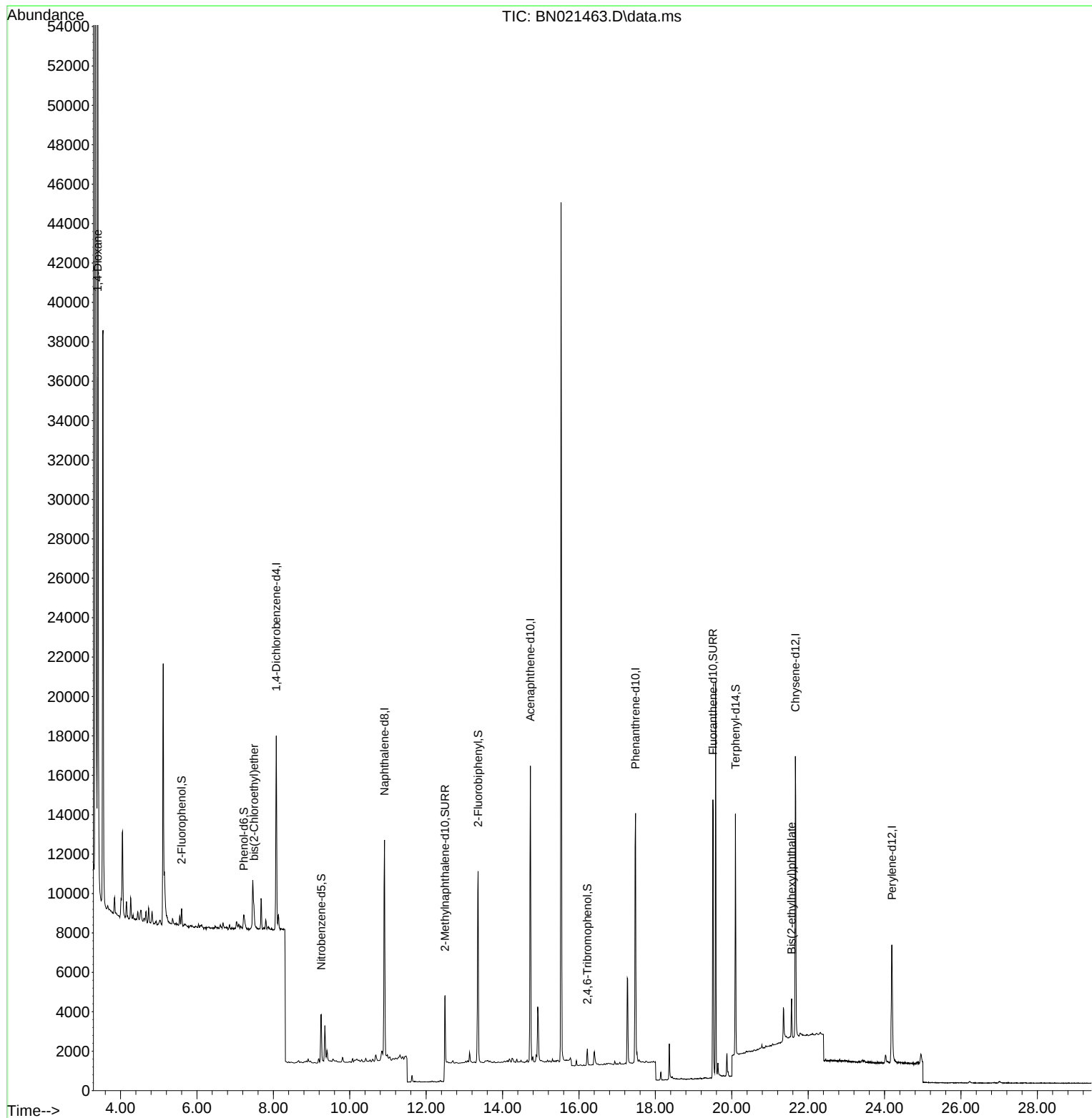
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021463.D
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Quant Time: Aug 31 01:22:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

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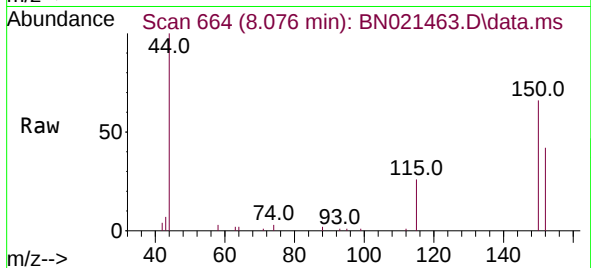
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021463.D
 Acq: 30 Aug 2022 19:24

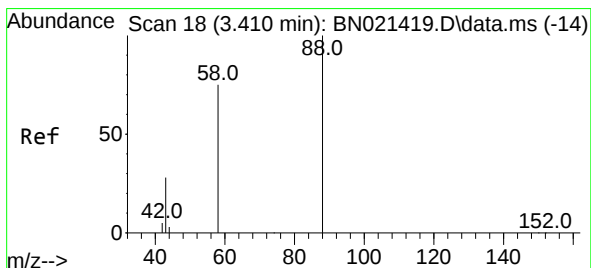
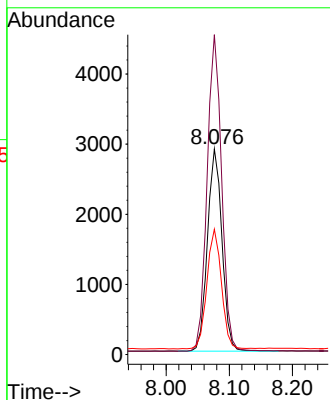
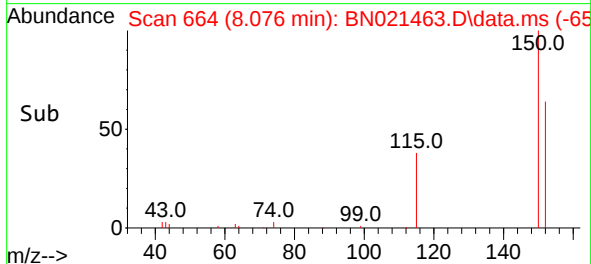
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20220822



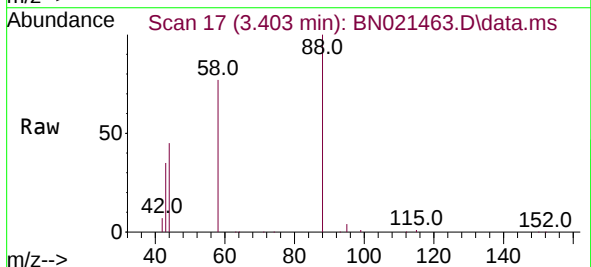
Tgt Ion:152 Resp: 4613
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.4 182.0
 115 60.9 48.6 72.8

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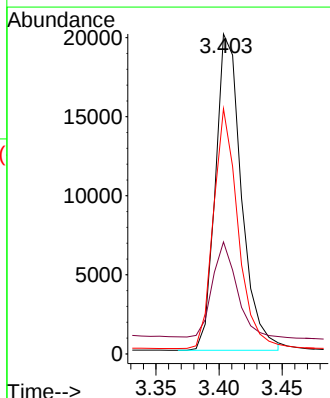
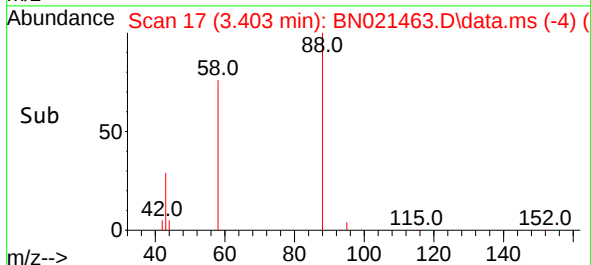
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022



#2
 1,4-Dioxane
 Concen: 4.983 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021463.D
 Acq: 30 Aug 2022 19:24



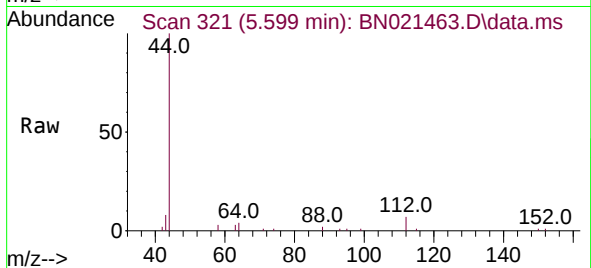
Tgt Ion: 88 Resp: 28749
 Ion Ratio Lower Upper
 88 100
 43 27.9 35.8 53.8#
 58 71.6 57.1 85.7





#4
2-Fluorophenol
Concen: 0.080 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

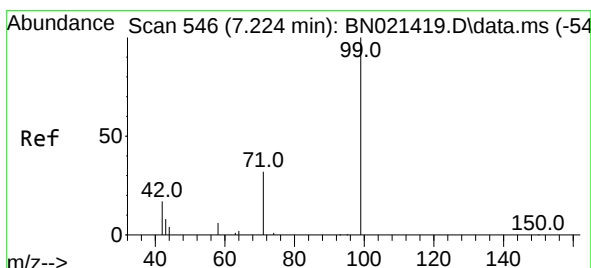
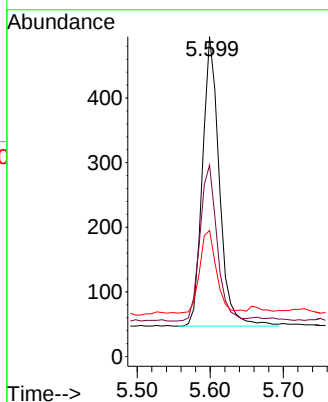
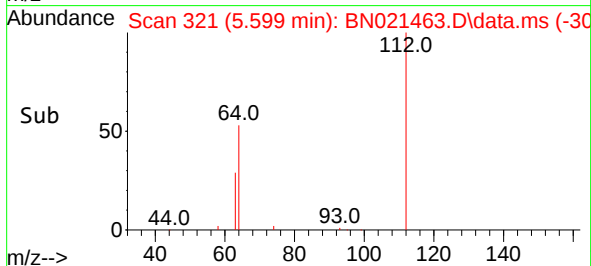
Instrument :
BNA_N
ClientSampleId :
RE132D5-20220822



Tgt Ion: 112 Resp: 721
Ion Ratio Lower Upper
112 100
64 54.5 43.5 65.3
63 28.3 22.6 34.0

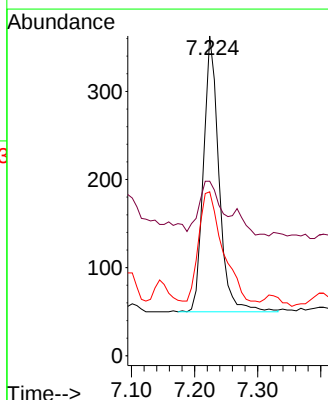
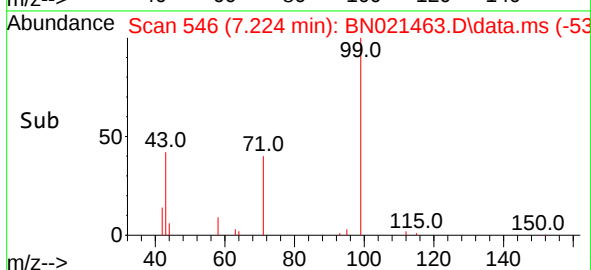
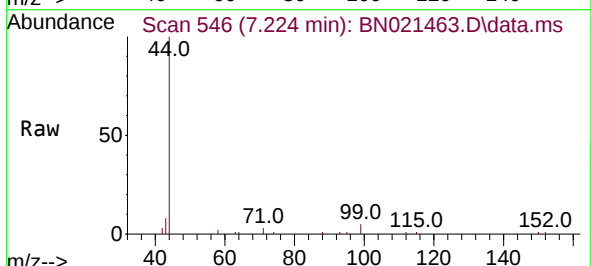
Manual Integrations
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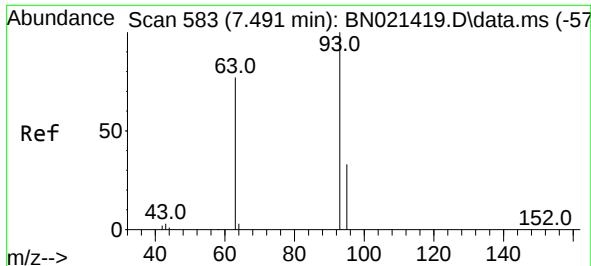
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#5
Phenol-d6
Concen: 0.046 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

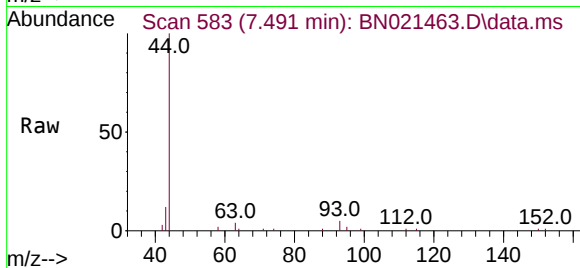
Tgt Ion: 99 Resp: 533
Ion Ratio Lower Upper
99 100
42 23.5 15.5 23.3#
71 62.5 24.2 36.2#





#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 7.491 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

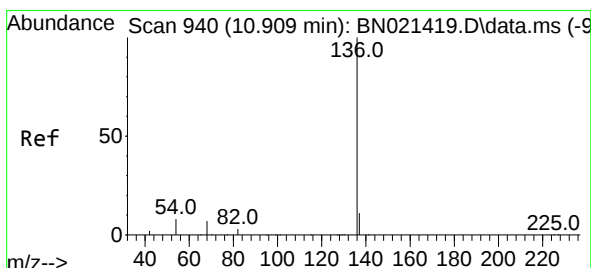
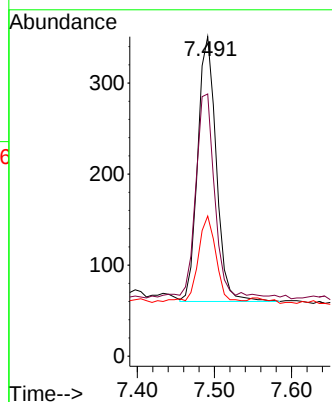
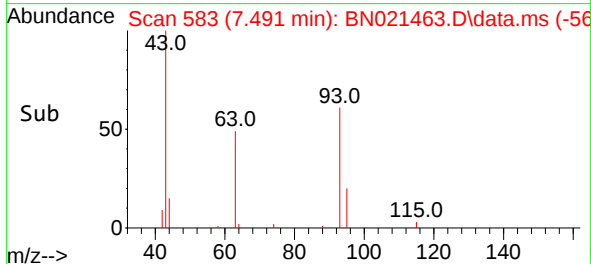
Instrument :
BNA_N
ClientSampleId :
RE132D5-20220822



Tgt Ion: 93 Resp: 485
Ion Ratio Lower Upper
93 100
63 80.0 57.8 86.8
95 32.8 25.9 38.9

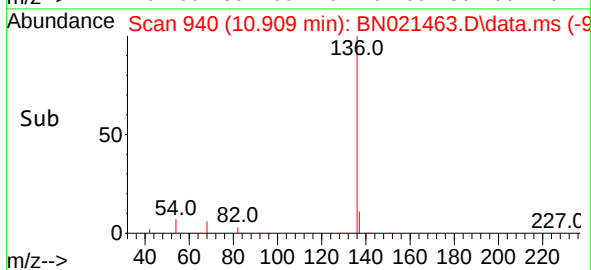
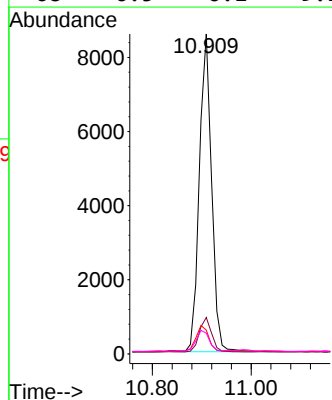
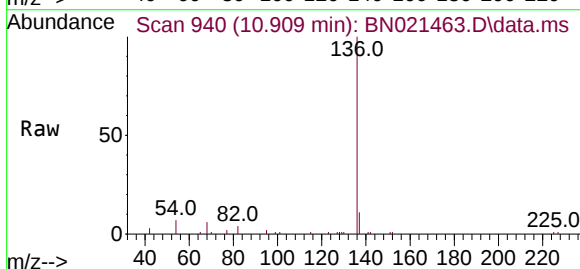
Manual Integrations
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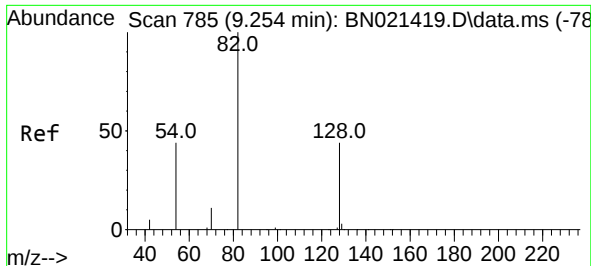
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

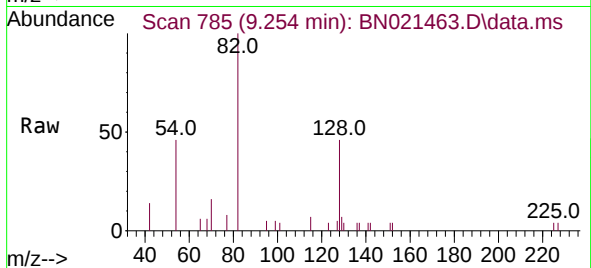
Tgt Ion:136 Resp: 14699
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 7.4 6.9 10.3
68 6.5 6.1 9.1





#8
Nitrobenzene-d5
Concen: 0.230 ng m
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

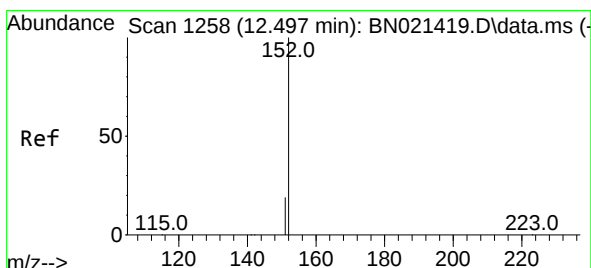
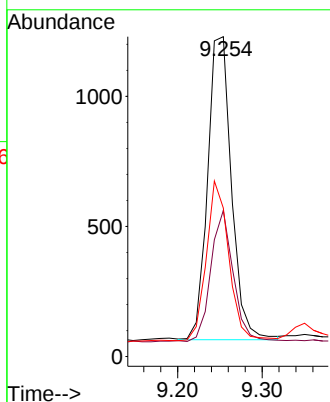
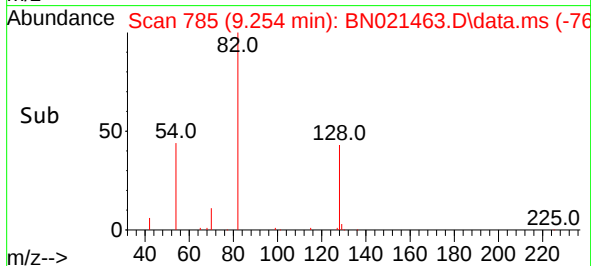
Instrument :
BNA_N
ClientSampleId :
RE132D5-20220822



Tgt Ion: 82 Resp: 2284
Ion Ratio Lower Upper
82 100
128 45.7 30.9 46.3
54 46.4 42.7 64.1

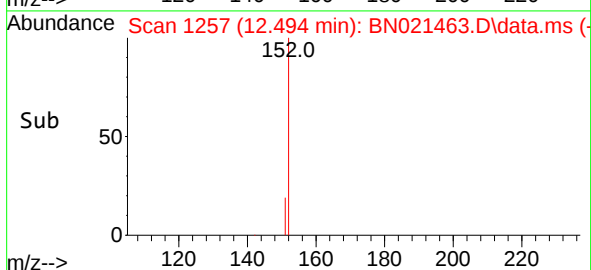
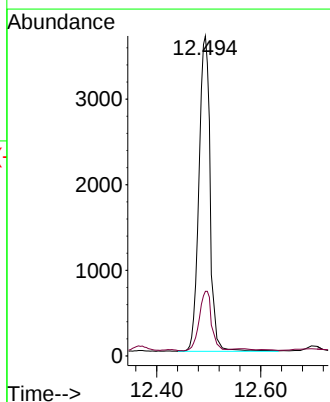
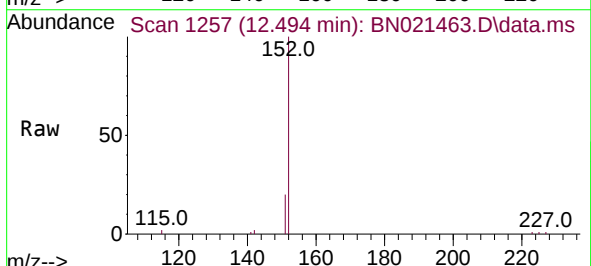
Manual Integrations
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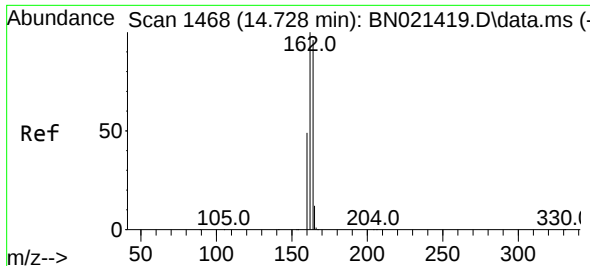
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.494 min Scan# 1257
Delta R.T. -0.003 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

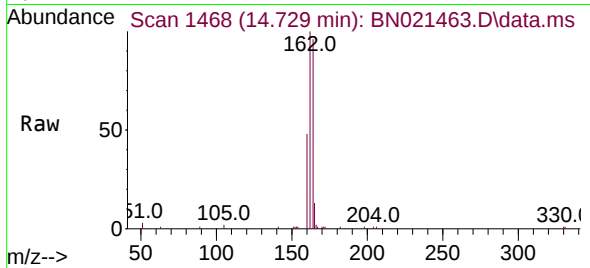
Tgt Ion:152 Resp: 9035
Ion Ratio Lower Upper
152 100
151 15.2 14.5 21.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

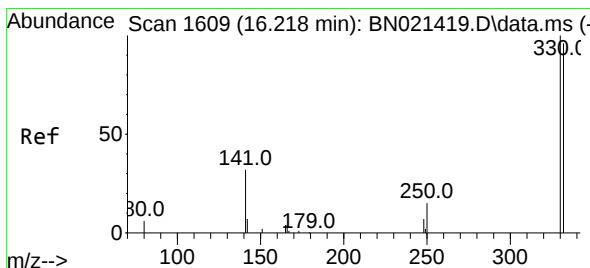
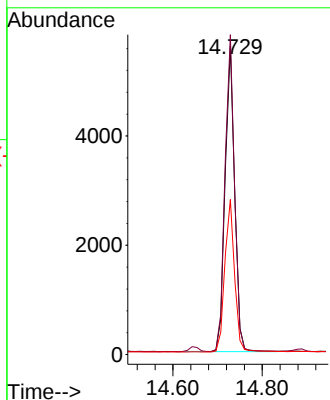
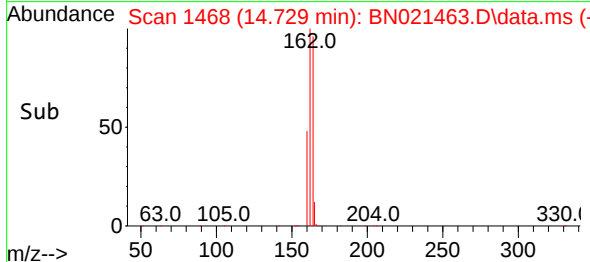
Instrument :
BNA_N
ClientSampleId :
RE132D5-20220822



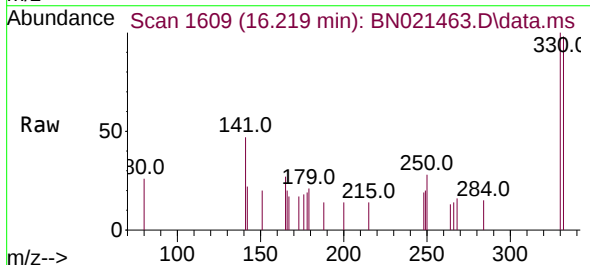
Tgt Ion:164 Resp: 8279
Ion Ratio Lower Upper
164 100
162 103.8 82.2 123.4
160 50.3 39.5 59.3

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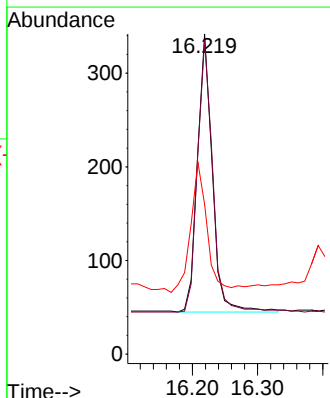
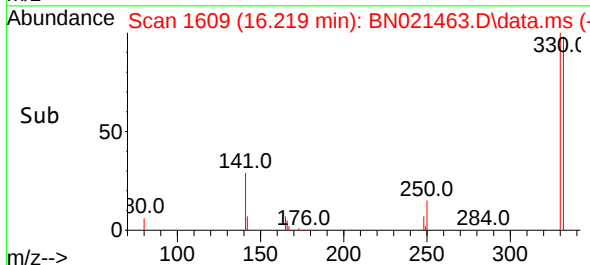
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

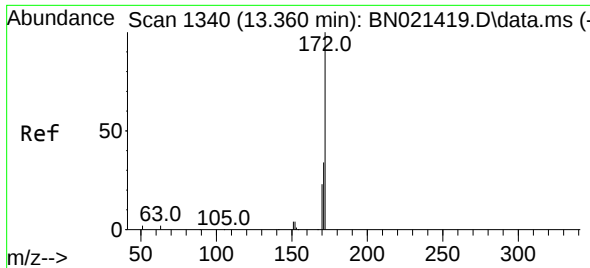


#14
2,4,6-Tribromophenol
Concen: 0.173 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24



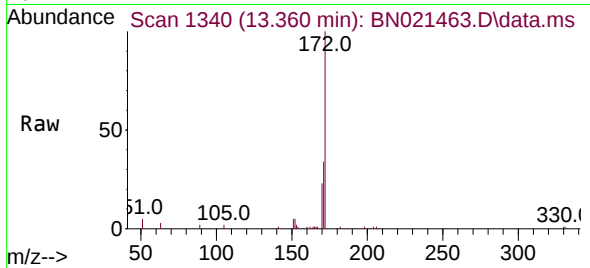
Tgt Ion:330 Resp: 471
Ion Ratio Lower Upper
330 100
332 98.7 79.3 118.9
141 50.7 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.247 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

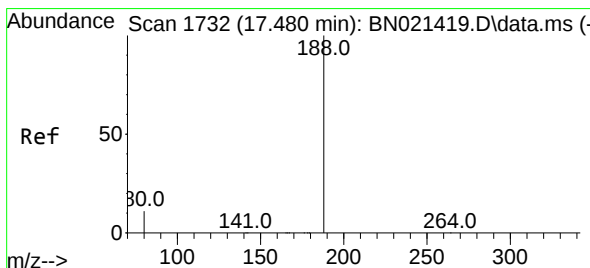
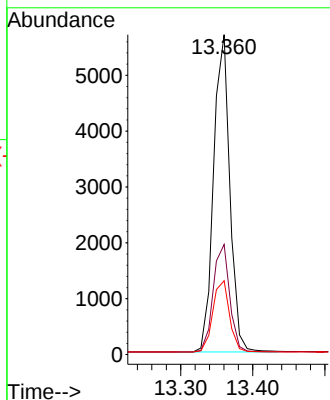
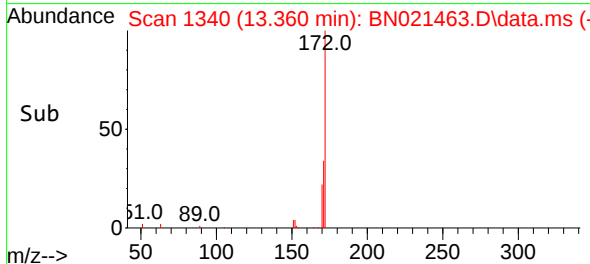
Instrument :
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ClientSampleId :
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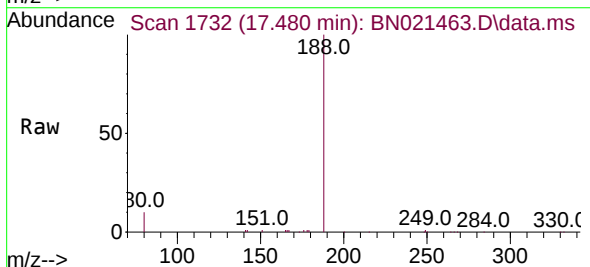
Tgt Ion:172 Resp: 8929
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.1 18.6 28.0

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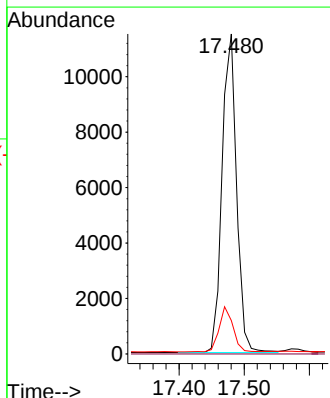
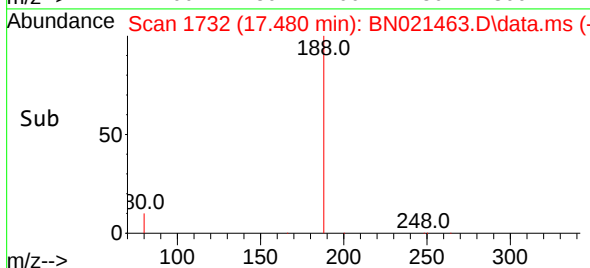
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

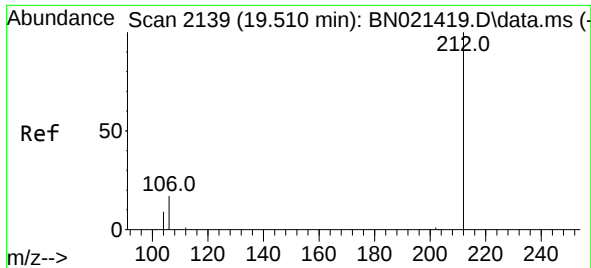


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24



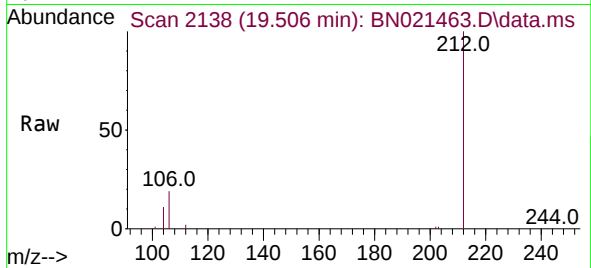
Tgt Ion:188 Resp: 17746
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.5 14.3





#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

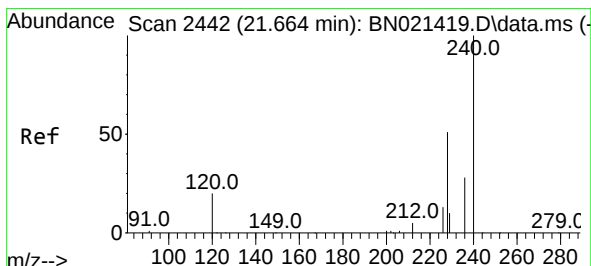
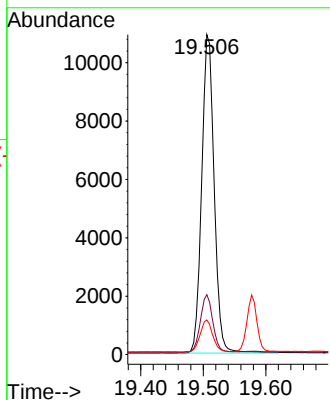
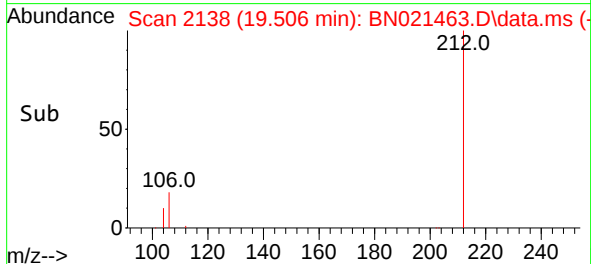
Instrument :
BNA_N
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Tgt Ion:212 Resp: 15094
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.2 7.8 11.6

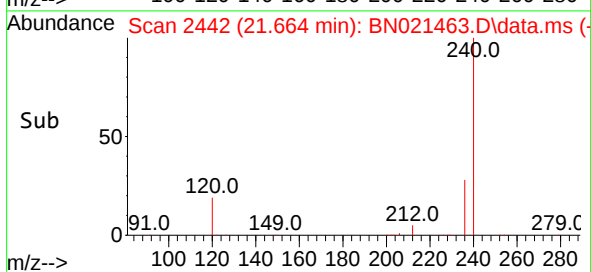
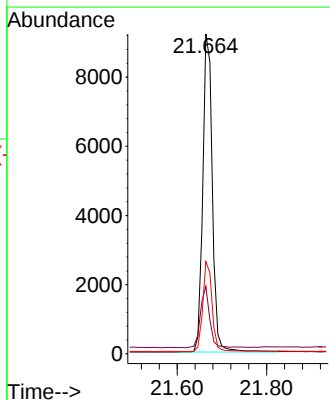
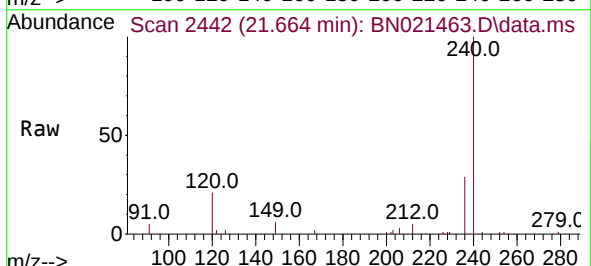
Manual Integrations
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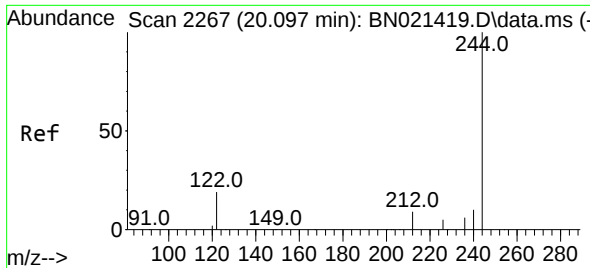
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021463.D
Acq: 30 Aug 2022 19:24

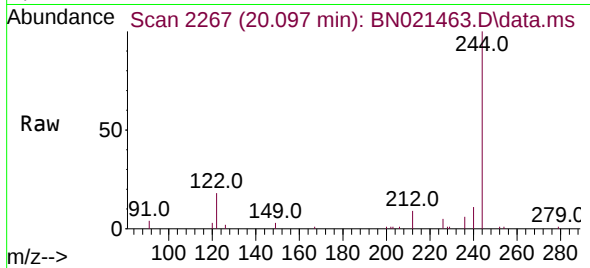
Tgt Ion:240 Resp: 13686
Ion Ratio Lower Upper
240 100
120 21.1 10.2 15.4#
236 28.8 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.332 ng
 RT: 20.097 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BN021463.D
 Acq: 30 Aug 2022 19:24

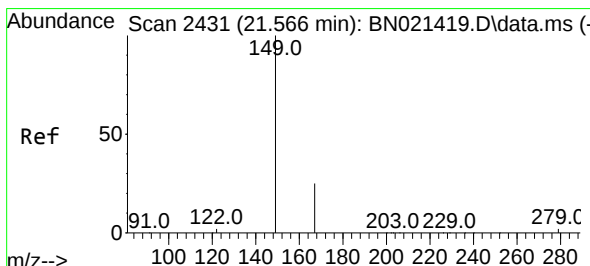
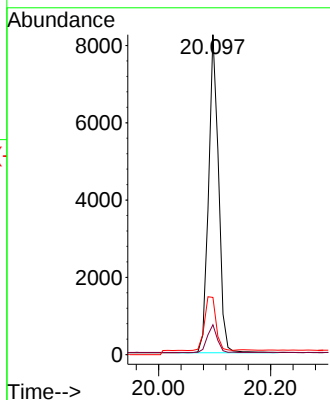
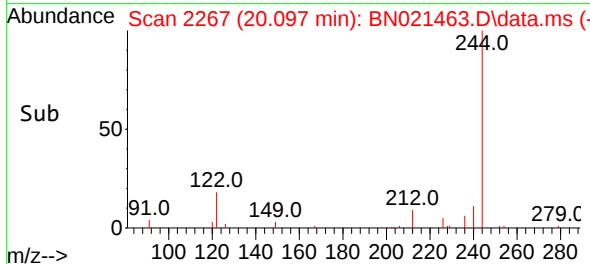
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20220822



Tgt Ion:244 Resp: 1021
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.5 9.7
 122 17.9 9.1 13.7

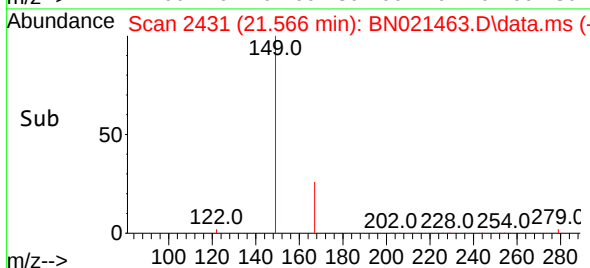
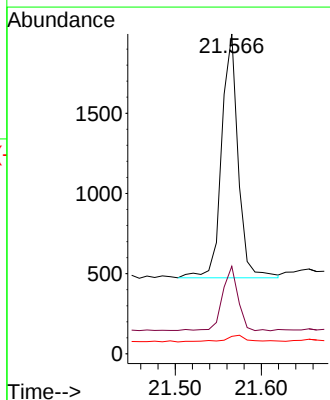
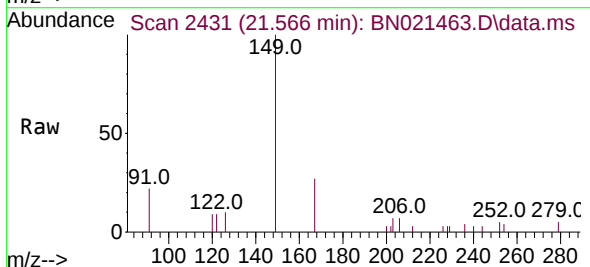
Manual Integrations
 APPROVED

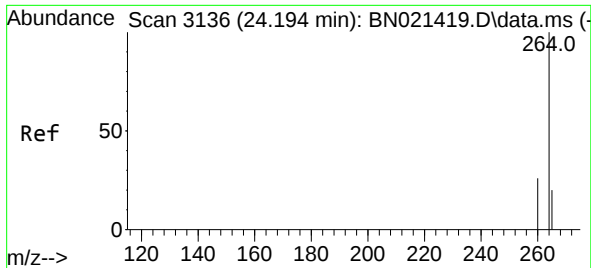
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021463.D
 Acq: 30 Aug 2022 19:24

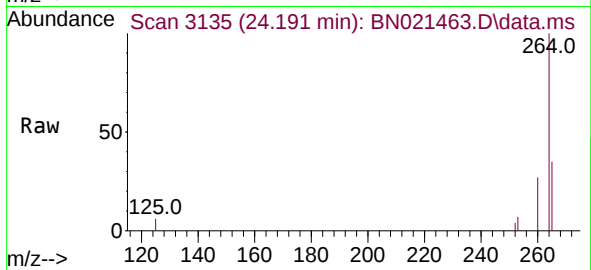
Tgt Ion:149 Resp: 2033
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.4 32.0
 279 4.2 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.191 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN021463.D
 Acq: 30 Aug 2022 19:24

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20220822



Tgt Ion: 264 Resp: 9543

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.6
265	34.9	32.2	48.2

Manual Integrations
 APPROVED

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

