

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
 Data File : BN019530.D
 Acq On : 22 Apr 2022 21:14
 Operator : CG/JU
 Sample : N2531-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220421

Quant Time: Apr 23 05:32:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 17:50:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	3881	0.400	ng	0.00
7) Naphthalene-d8	10.635	136	9202	0.400	ng	# 0.02
13) Acenaphthene-d10	14.450	164	5756	0.400	ng	0.00
19) Phenanthrene-d10	17.203	188	10333	0.400	ng	0.00
29) Chrysene-d12	21.395	240	6274	0.400	ng	# 0.01
35) Perylene-d12	23.734	264	4837	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.378	112	1030	0.124	ng	0.00
5) Phenol-d6	7.068	99	202m	0.021	ng	0.09
8) Nitrobenzene-d5	9.044	82	1805m	0.271	ng	0.06
11) 2-Methylnaphthalene-d10	12.236	152	5094	0.341	ng	0.03
14) 2,4,6-Tribromophenol	15.972	330	505	0.196	ng	0.03
15) 2-Fluorobiphenyl	13.092	172	6402	0.279	ng	0.00
27) Fluoranthene-d10	19.227	212	13480	0.446	ng	0.00
31) Terphenyl-d14	19.826	244	7584	0.535	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	25290m	4.952	ng	
6) bis(2-Chloroethyl)ether	7.249	93	227	0.023	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.288	149	1295	0.113	ng	# 95

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

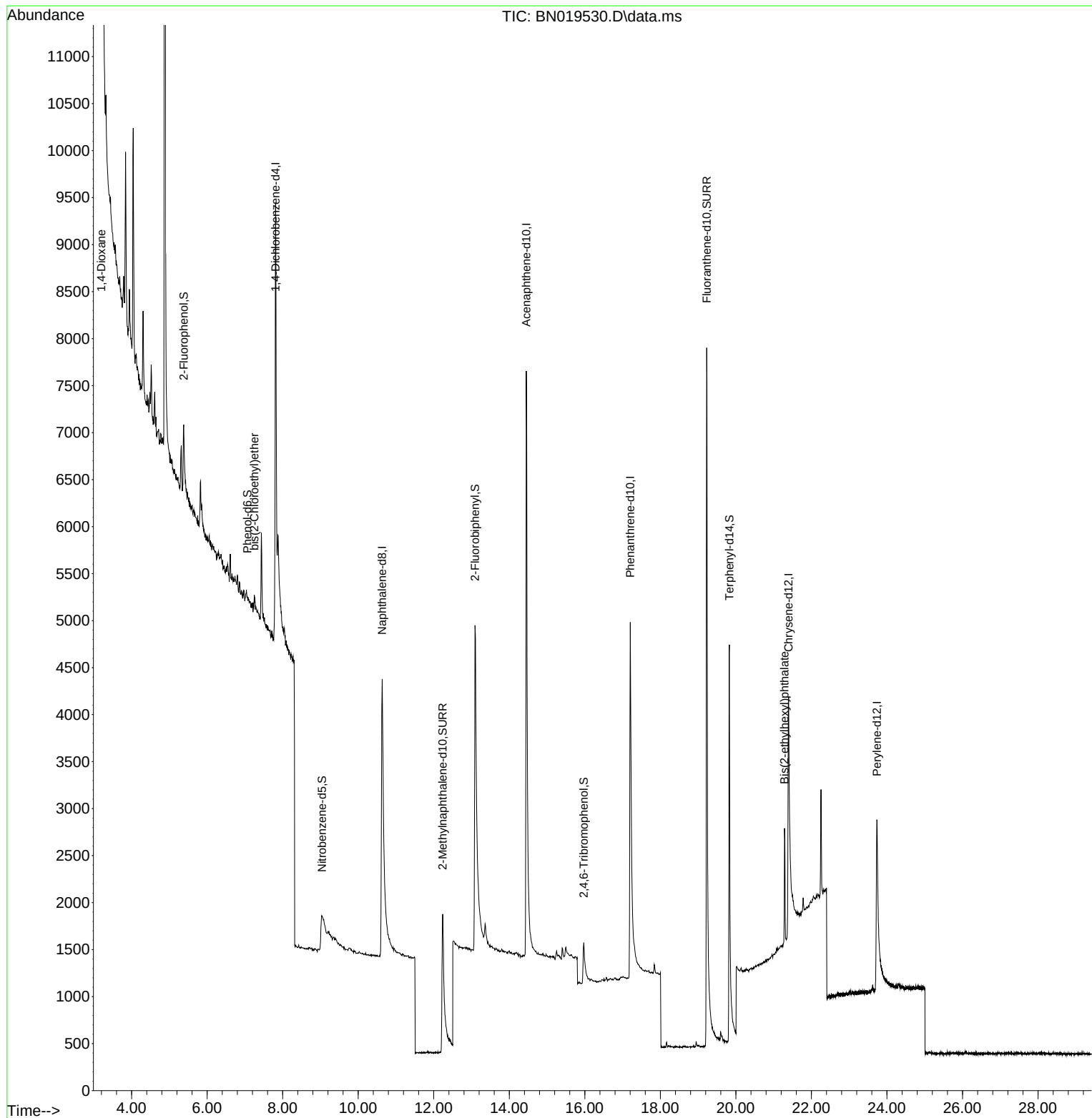
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
Data File : BN019530.D
Acq On : 22 Apr 2022 21:14
Operator : CG/JU
Sample : N2531-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

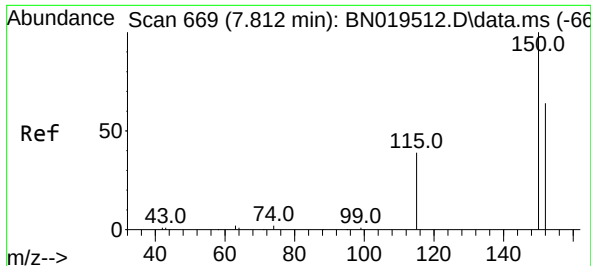
Instrument :
BNA_N
ClientSampleId :
SP-100-20220421

Quant Time: Apr 23 05:32:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 17:50:10 2022
Response via : Initial Calibration

Manual Integrations
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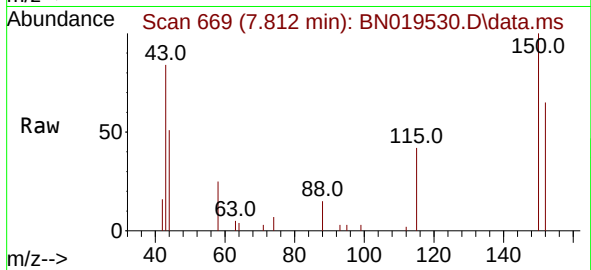
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.812 min Scan# 669
Delta R.T. 0.000 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

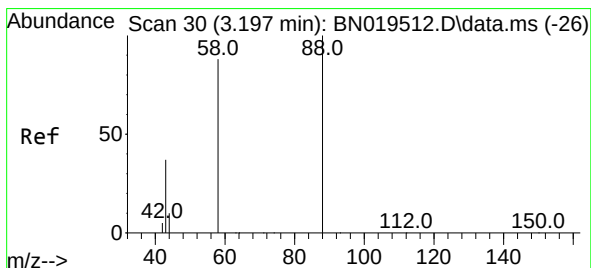
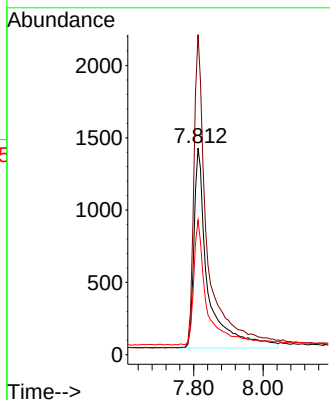
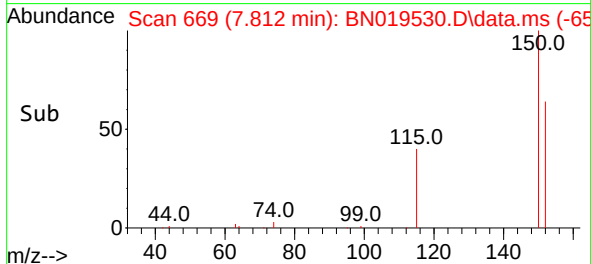
Instrument :
BNA_N
ClientSampleId :
SP-100-20220421



Tgt Ion: 152 Resp: 388
Ion Ratio Lower Upper
152 100
150 154.9 123.9 185.9
115 65.2 48.2 72.4

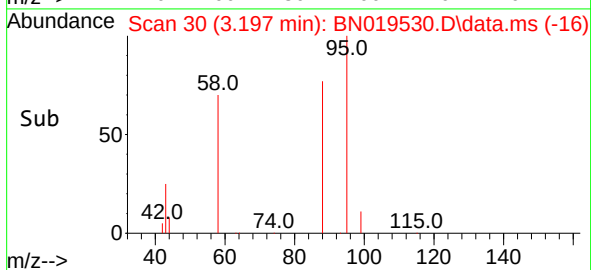
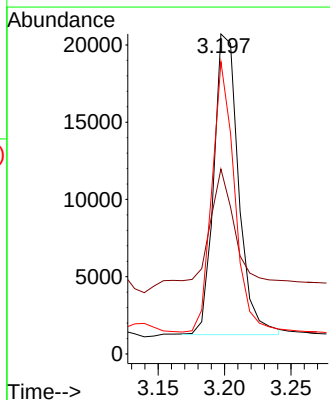
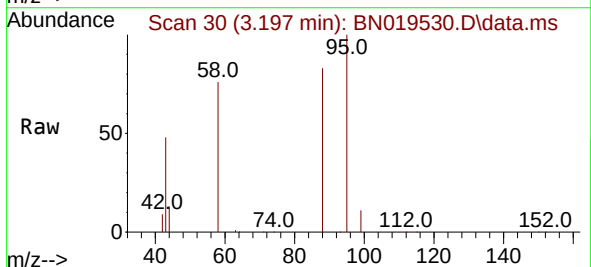
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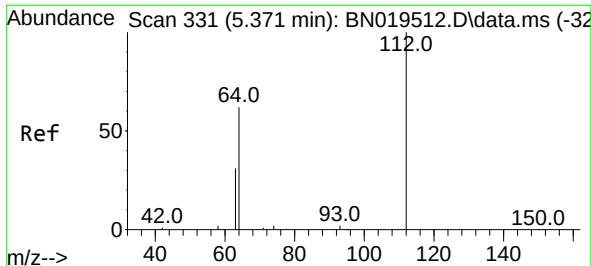
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Supervised By : Jagrut Upadhyay 04/25/2022



#2
1,4-Dioxane
Concen: 4.952 ng m
RT: 3.197 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

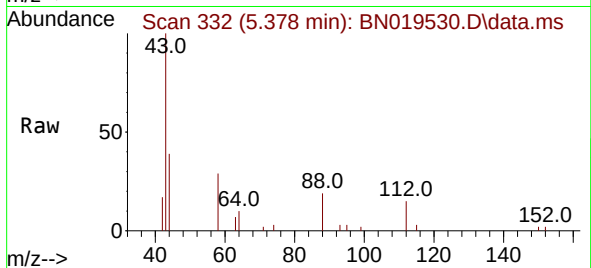
Tgt Ion: 88 Resp: 25290
Ion Ratio Lower Upper
88 100
43 49.7 24.6 37.0
58 81.4 65.4 98.2





#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.378 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

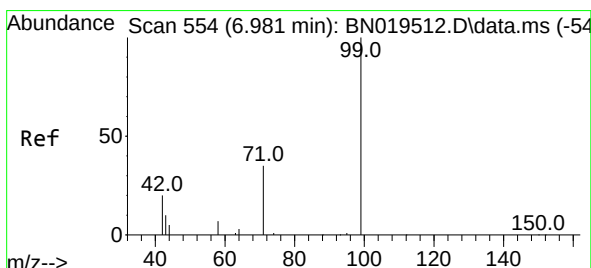
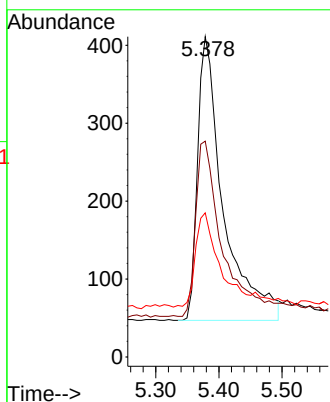
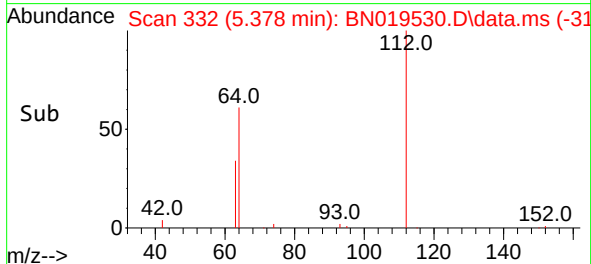
Instrument :
BNA_N
ClientSampleId :
SP-100-20220421



Tgt Ion: 112 Resp: 1030
Ion Ratio Lower Upper
112 100
64 64.0 47.8 71.8
63 34.1 25.7 38.5

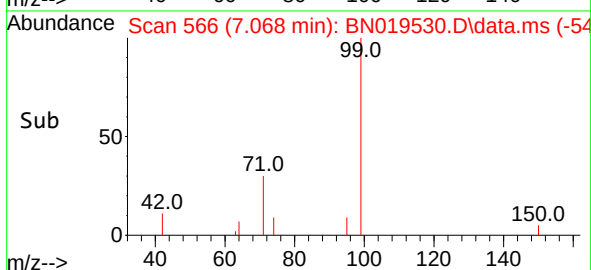
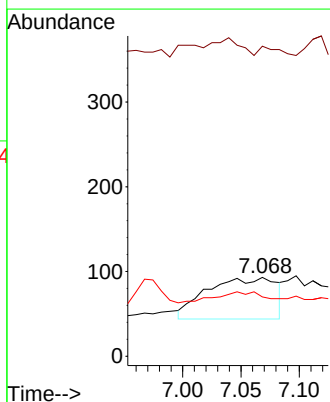
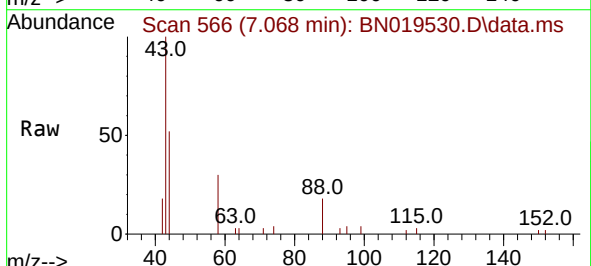
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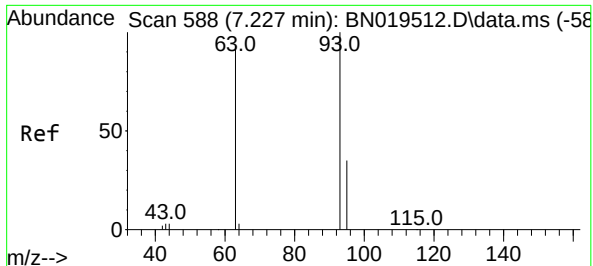
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#5
Phenol-d6
Concen: 0.021 ng m
RT: 7.068 min Scan# 566
Delta R.T. 0.087 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

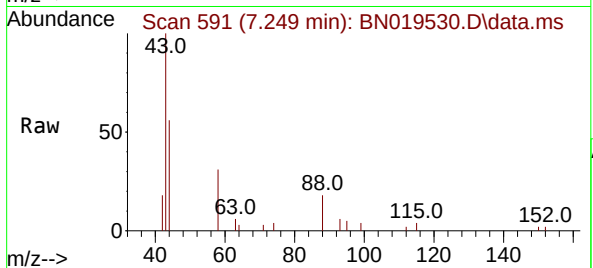
Tgt Ion: 99 Resp: 202
Ion Ratio Lower Upper
99 100
42 7.4 16.2 24.4#
71 8.4 27.7 41.5#





#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.249 min Scan# 591
Delta R.T. 0.022 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

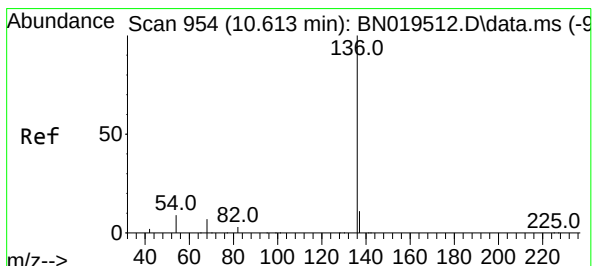
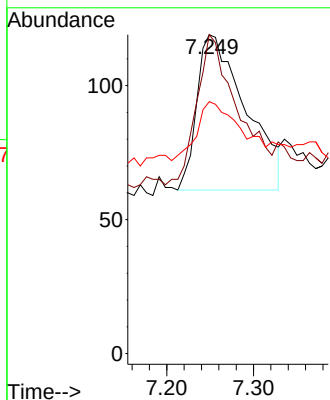
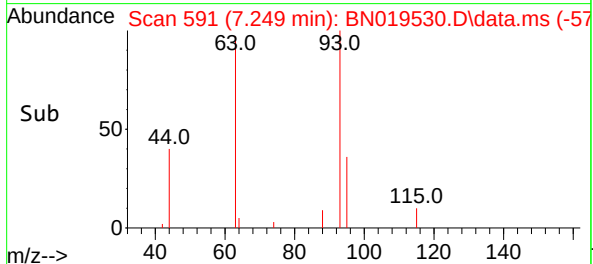
Instrument :
BNA_N
ClientSampleId :
SP-100-20220421



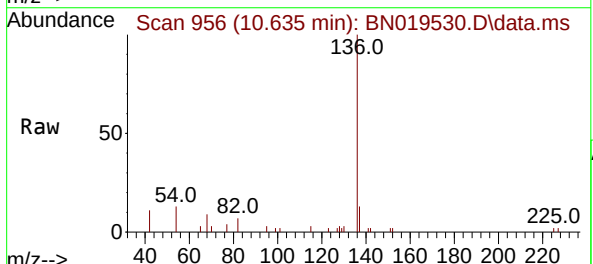
Tgt Ion: 93 Resp: 227
Ion Ratio Lower Upper
93 100
63 82.4 62.8 94.2
95 40.1 26.2 39.4

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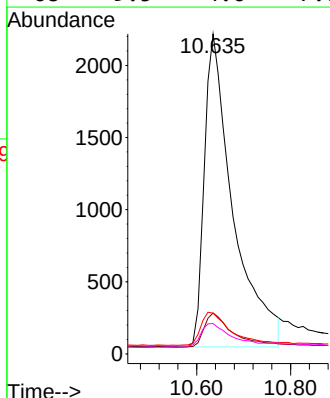
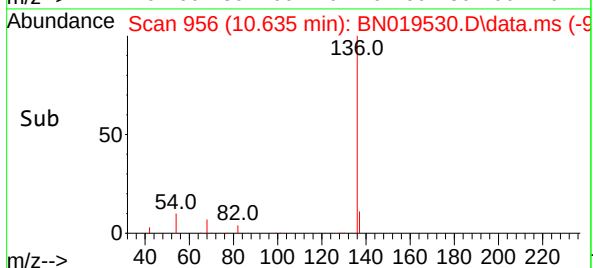
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

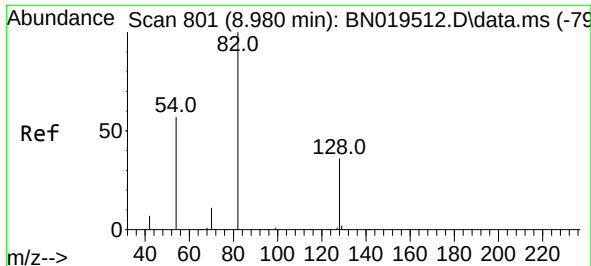


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.635 min Scan# 956
Delta R.T. 0.022 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14



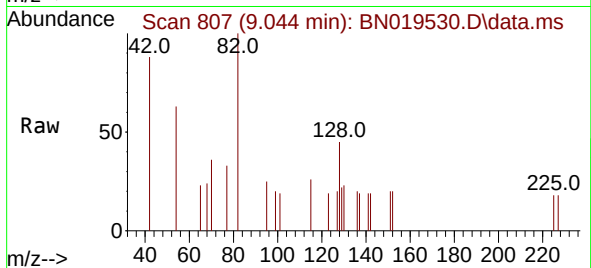
Tgt Ion:136 Resp: 9202
Ion Ratio Lower Upper
136 100
137 12.8 9.0 13.4
54 12.7 5.8 8.6#
68 9.5 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.271 ng m
RT: 9.044 min Scan# 801
Delta R.T. 0.064 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

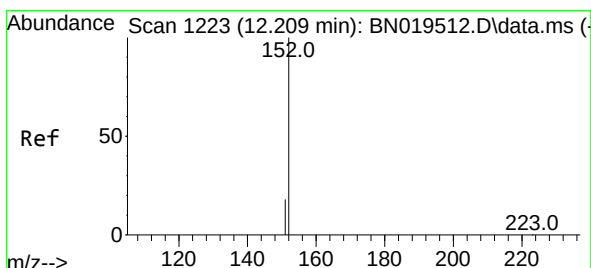
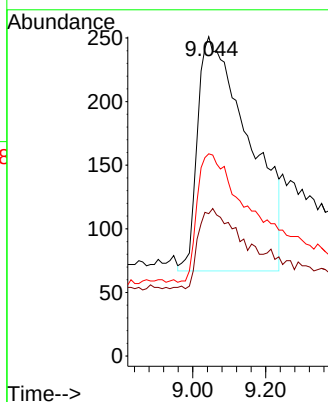
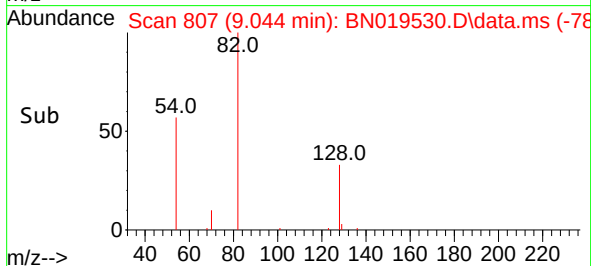
Instrument :
BNA_N
ClientSampleId :
SP-100-20220421



Tgt Ion: 82 Resp: 180
Ion Ratio Lower Upper
82 100
128 44.6 33.0 49.6
54 63.3 42.5 63.7

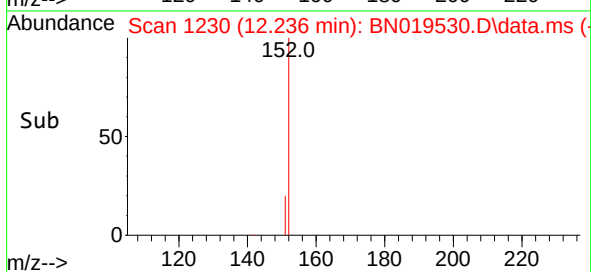
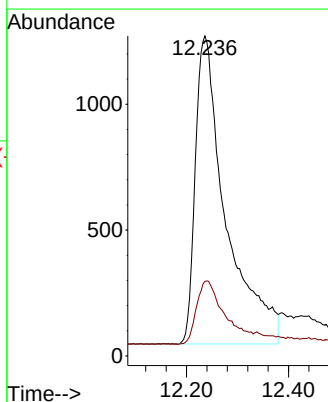
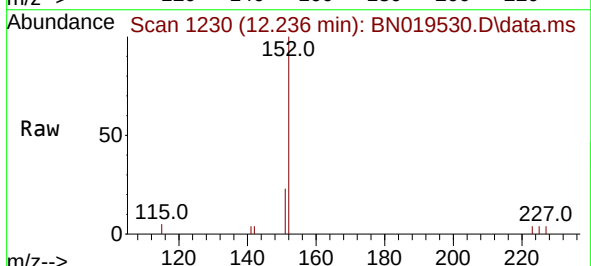
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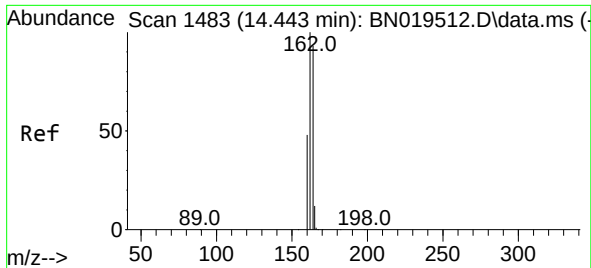
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.236 min Scan# 1230
Delta R.T. 0.027 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

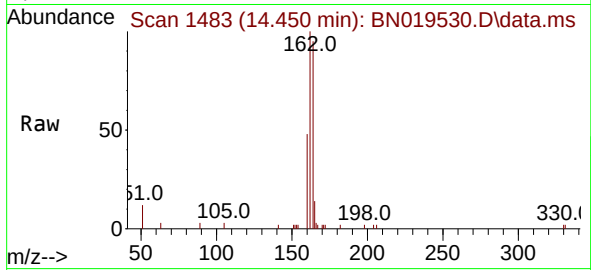
Tgt Ion:152 Resp: 5094
Ion Ratio Lower Upper
152 100
151 19.2 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.450 min Scan# 1483
Delta R.T. 0.007 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

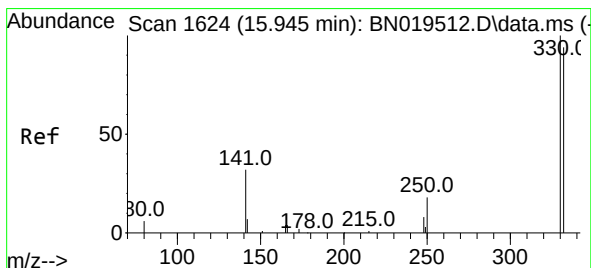
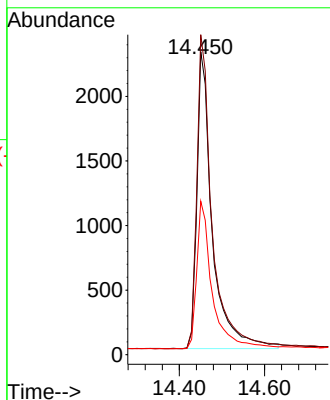
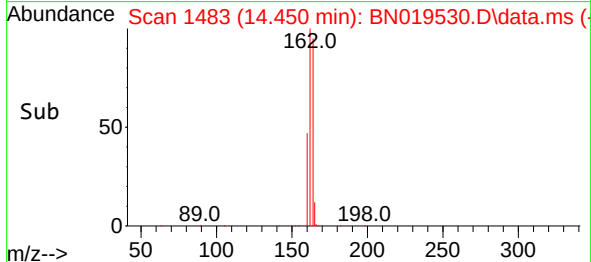
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BNA_N
ClientSampleId :
SP-100-20220421



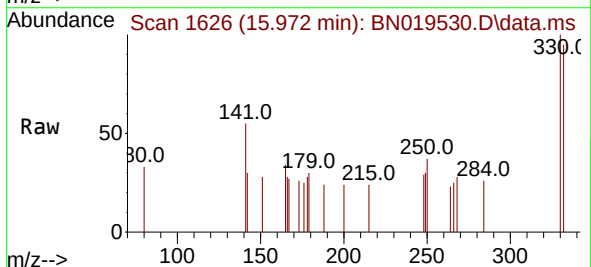
Tgt Ion:164 Resp: 5750
Ion Ratio Lower Upper
164 100
162 105.6 85.2 127.8
160 50.6 41.5 62.3

Manual Integrations
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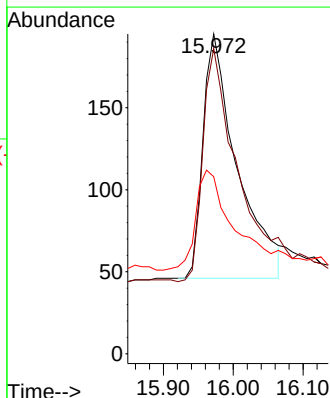
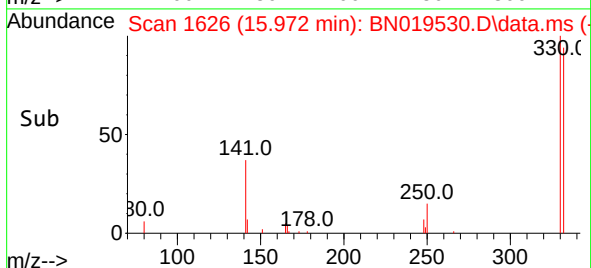
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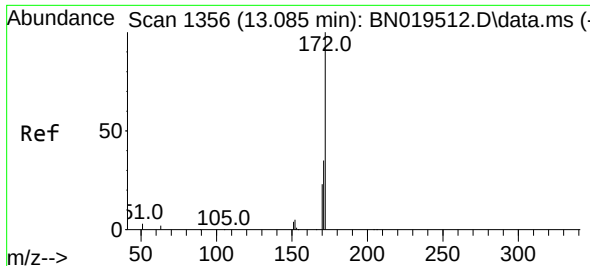


#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 15.972 min Scan# 1626
Delta R.T. 0.027 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14



Tgt Ion:330 Resp: 505
Ion Ratio Lower Upper
330 100
332 95.2 76.8 115.2
141 44.8 32.2 48.2





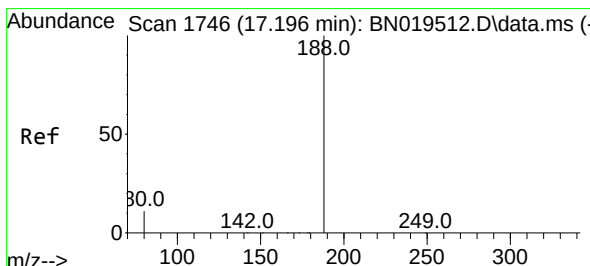
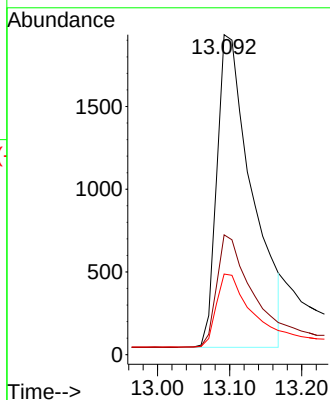
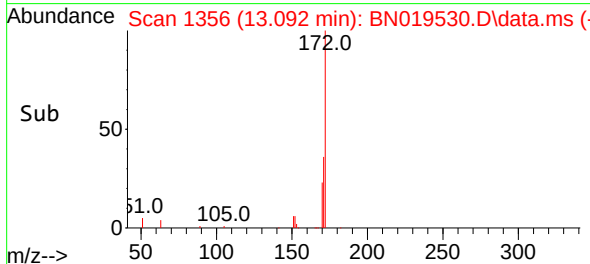
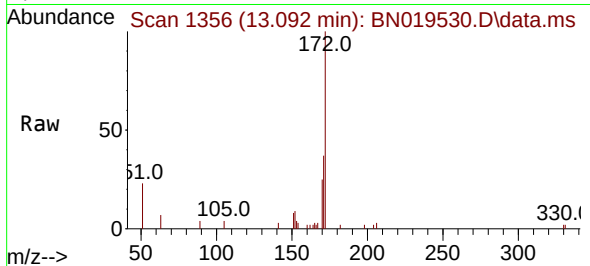
#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 13.092 min Scan# 1356
Delta R.T. 0.007 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

Instrument :
BNA_N
ClientSampleId :
SP-100-20220421

Tgt Ion:172 Resp: 6402
Ion Ratio Lower Upper
172 100
171 37.4 28.2 42.2
170 25.2 18.7 28.1

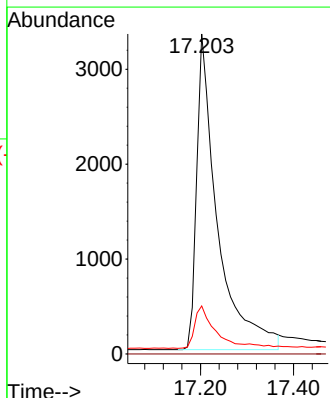
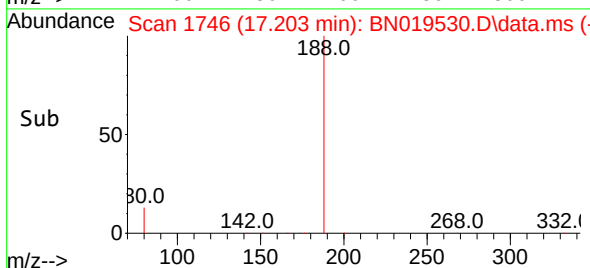
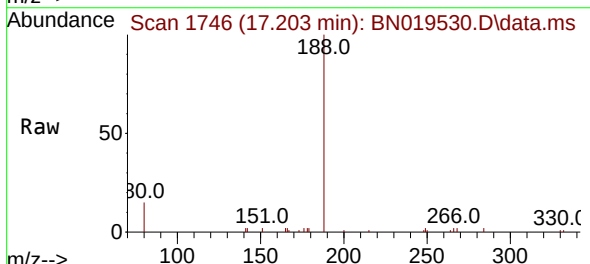
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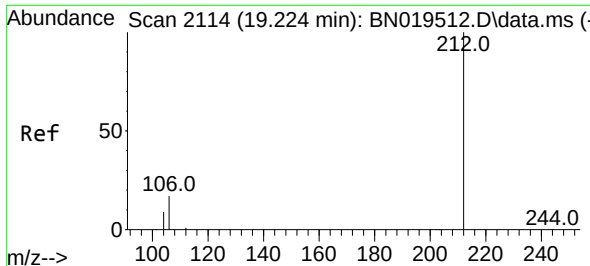
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.203 min Scan# 1746
Delta R.T. 0.007 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

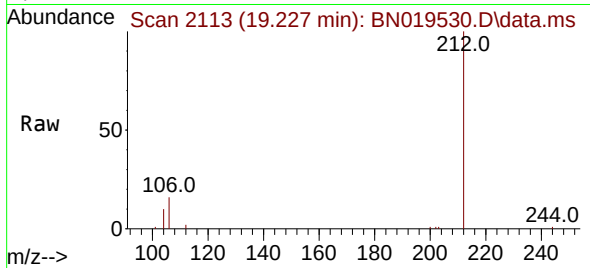
Tgt Ion:188 Resp: 10333
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 11.8 17.8





#27
Fluoranthene-d10
Concen: 0.446 ng
RT: 19.227 min Scan# 2113
Delta R.T. 0.002 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

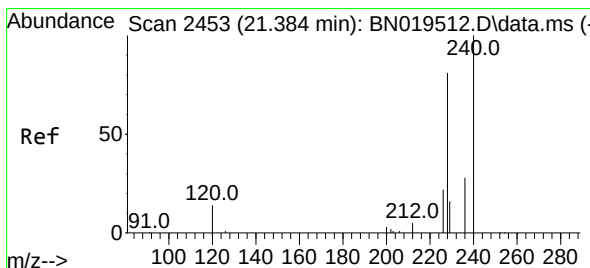
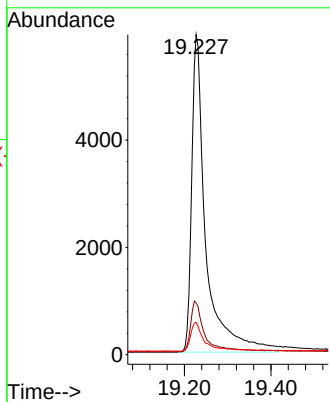
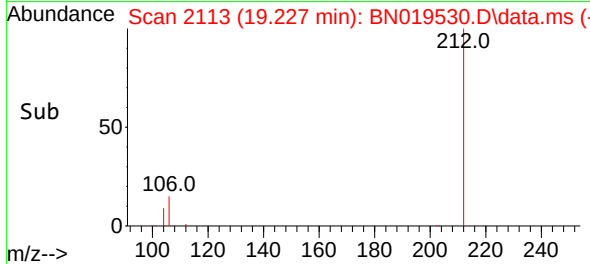
Instrument :
BNA_N
ClientSampleId :
SP-100-20220421



Tgt Ion:212 Resp: 13480
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 9.1 7.1 10.7

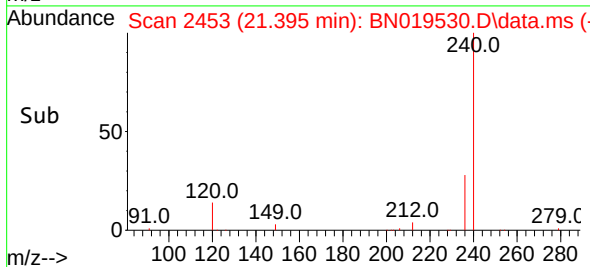
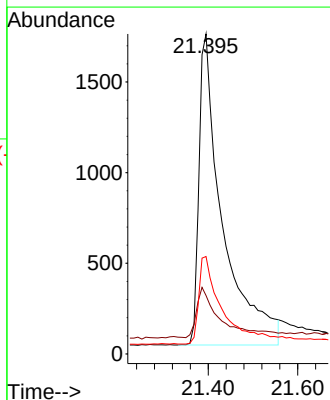
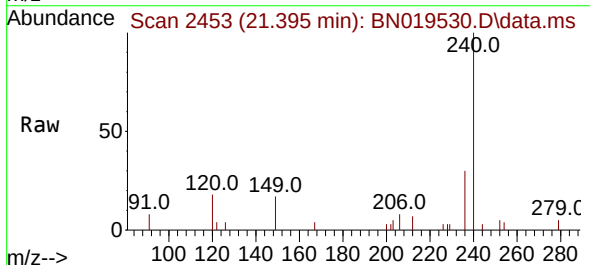
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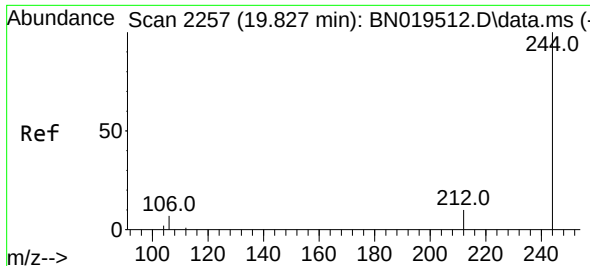
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2453
Delta R.T. 0.011 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

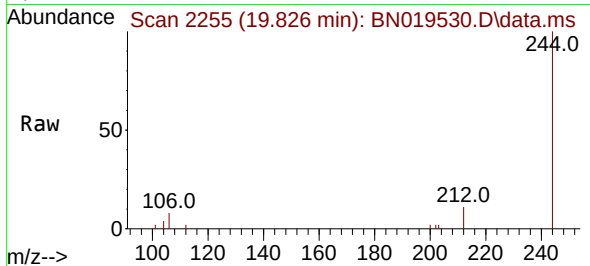
Tgt Ion:240 Resp: 6274
Ion Ratio Lower Upper
240 100
120 18.2 8.5 12.7#
236 30.4 22.4 33.6





#31
 Terphenyl-d14
 Concen: 0.535 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BN019530.D
 Acq: 22 Apr 2022 21:14

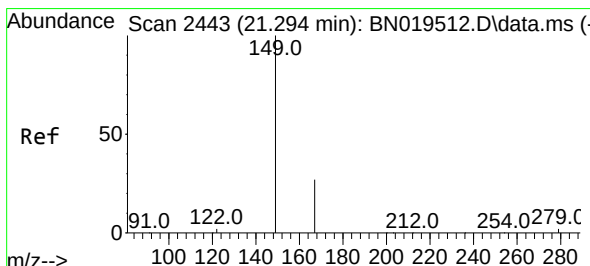
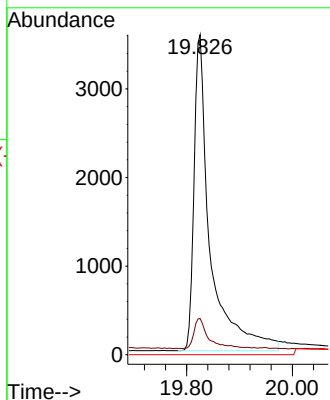
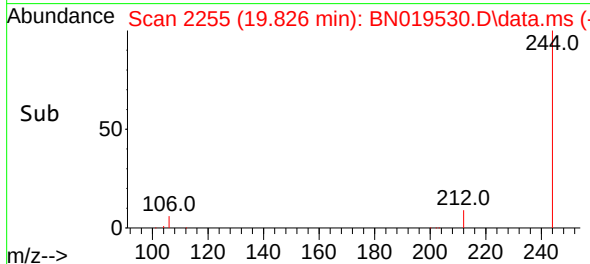
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220421



Tgt Ion:244 Resp: 7584
 Ion Ratio Lower Upper
 244 100
 212 11.3 8.2 12.4
 122 0.0 0.0 0.0

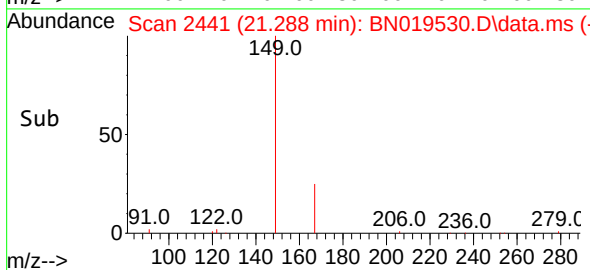
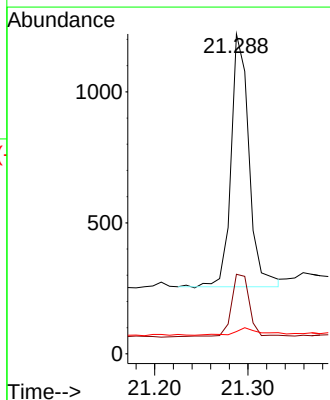
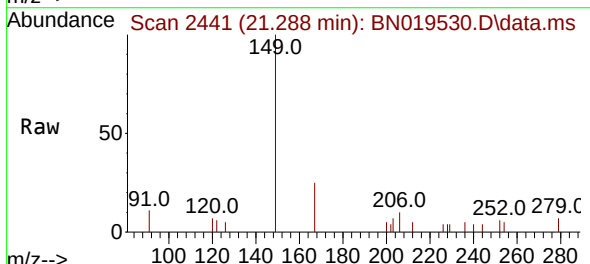
Manual Integrations
 APPROVED

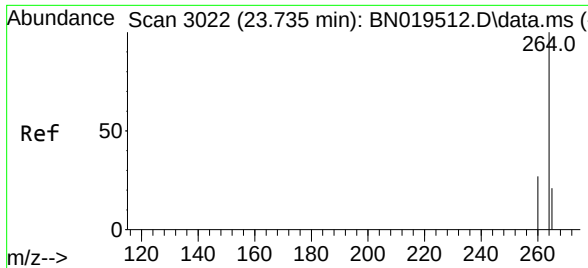
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.288 min Scan# 2441
 Delta R.T. -0.006 min
 Lab File: BN019530.D
 Acq: 22 Apr 2022 21:14

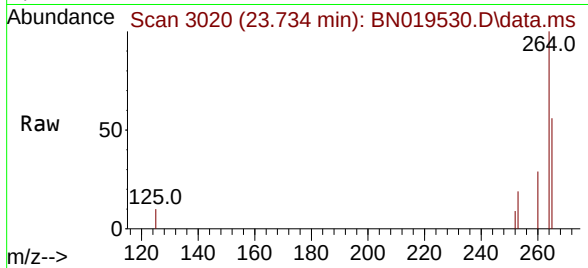
Tgt Ion:149 Resp: 1295
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.8 32.8
 279 4.9 2.0 3.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.734 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN019530.D
Acq: 22 Apr 2022 21:14

Instrument :
BNA_N
ClientSampleId :
SP-100-20220421



Tgt Ion: 264 Resp: 483

Ion	Ratio	Lower	Upper
264	100		
260	29.0	22.4	33.6
265	56.3	25.3	37.9

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/25/2022
Supervised By : Jagrut Upadhyay 04/25/2022

