

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019305.D
 Acq On : 02 Apr 2022 02:54
 Operator : CG/JU
 Sample : N2220-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A02015

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 03:28:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 12:41:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5105	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	14474	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	9070	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	17018	0.400	ng	0.00
29) Chrysene-d12	21.405	240	12575	0.400	ng	# 0.00
35) Perylene-d12	23.758	264	10382	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	3487	0.312	ng	0.00
5) Phenol-d6	7.002	99	3155	0.266	ng	0.00
8) Nitrobenzene-d5	9.004	82	2362m	0.227	ng	0.01
11) 2-Methylnaphthalene-d10	12.231	152	7064	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	766	0.180	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	9851	0.271	ng	0.00
27) Fluoranthene-d10	19.244	212	16285	0.319	ng	0.00
31) Terphenyl-d14	19.843	244	8618	0.308	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.256	178	1262m	0.024	ng	
34) Bis(2-ethylhexyl)phtha...	21.315	149	2314	0.088	ng	# 96

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

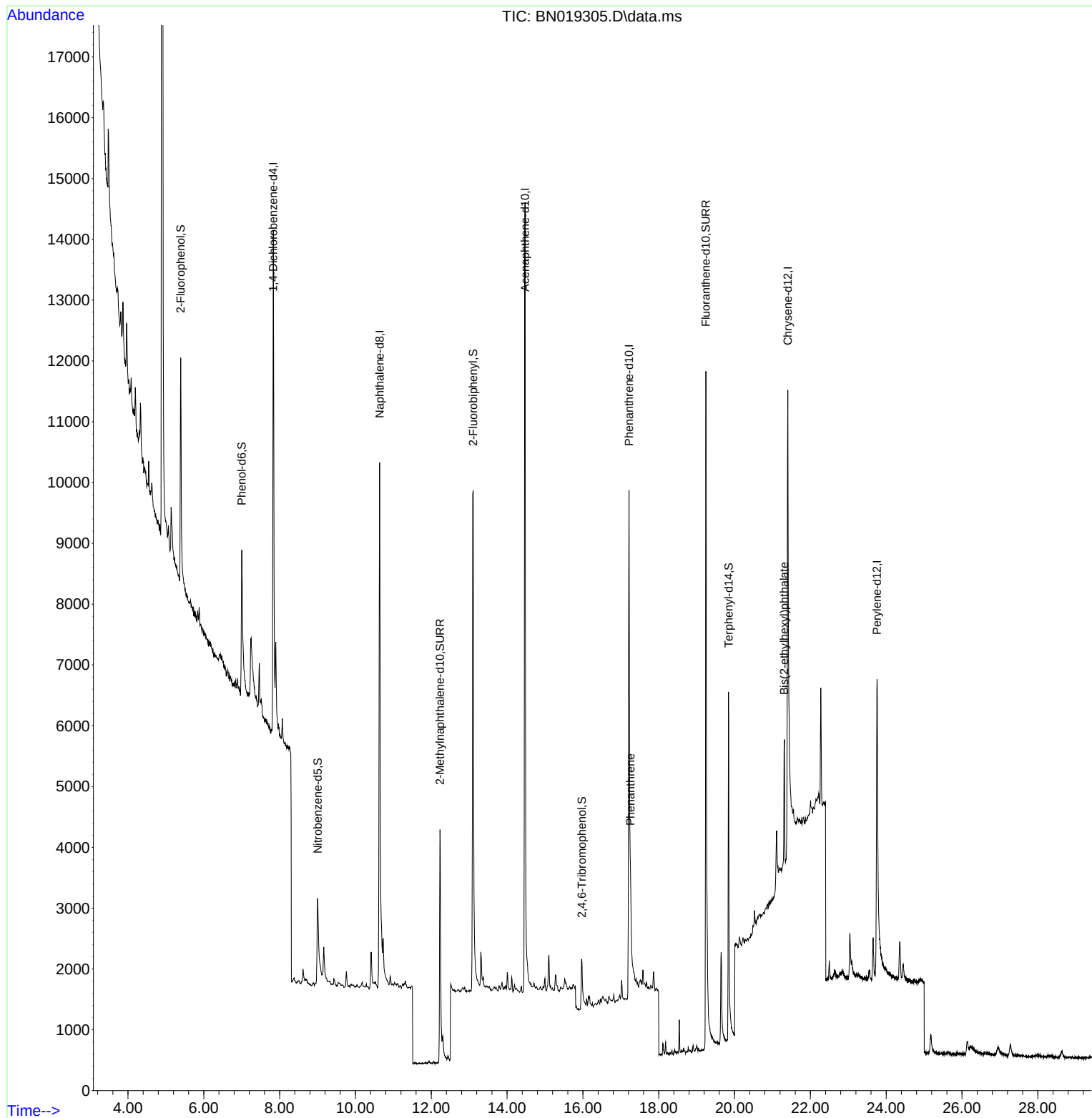
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019305.D
Acq On : 02 Apr 2022 02:54
Operator : CG/JU
Sample : N2220-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

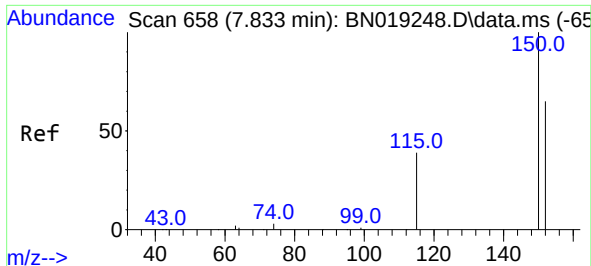
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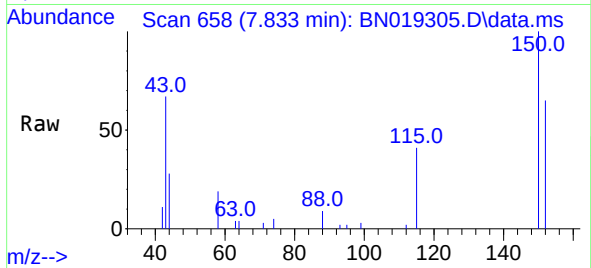
Quant Time: Apr 02 03:28:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

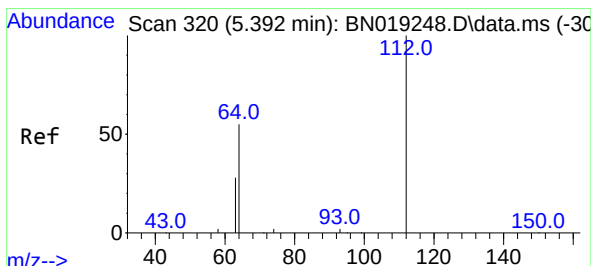
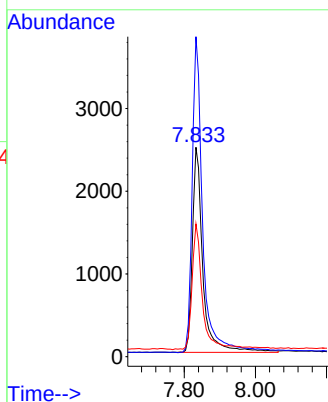
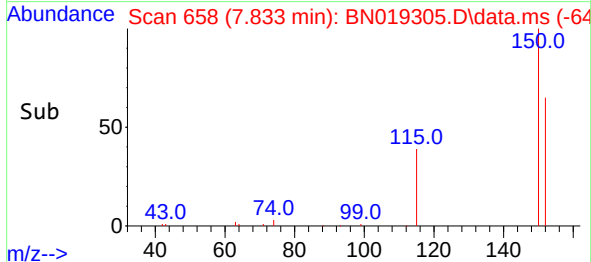
Instrument :
BNA_N
ClientSampleId :
A02015



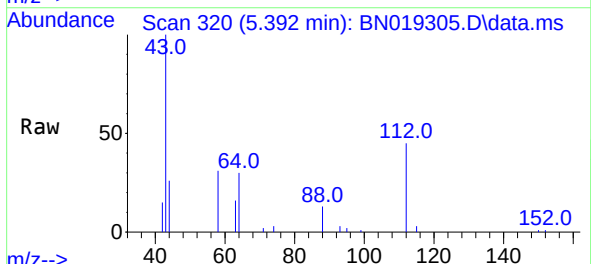
Tgt Ion:152 Resp: 510
Ion Ratio Lower Upper
152 100
150 152.8 123.9 185.9
115 63.4 48.2 72.4

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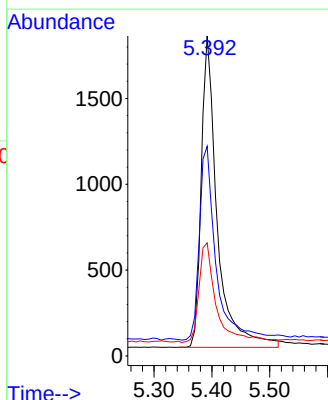
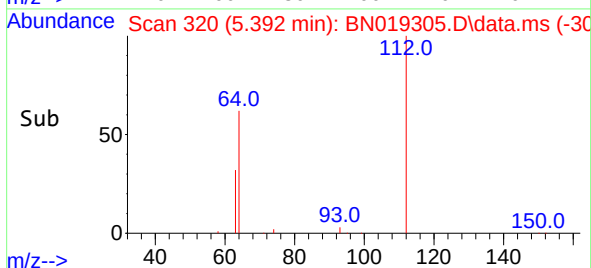
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

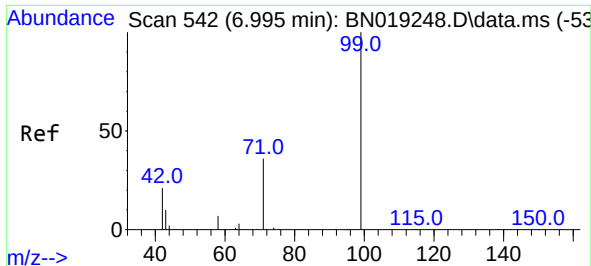


#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54



Tgt Ion:112 Resp: 3487
Ion Ratio Lower Upper
112 100
64 64.8 47.8 71.8
63 34.7 25.7 38.5





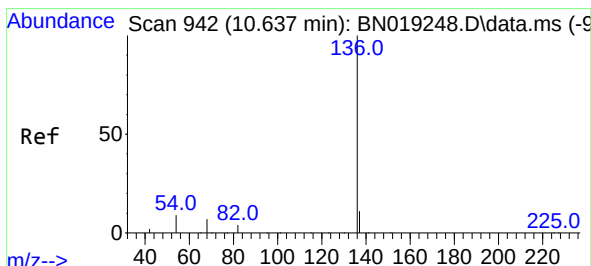
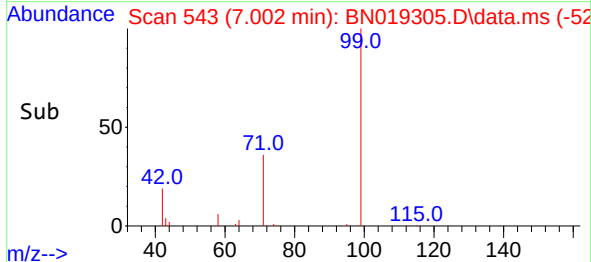
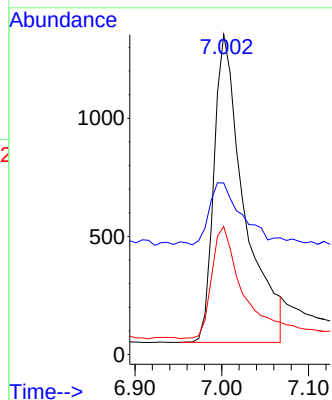
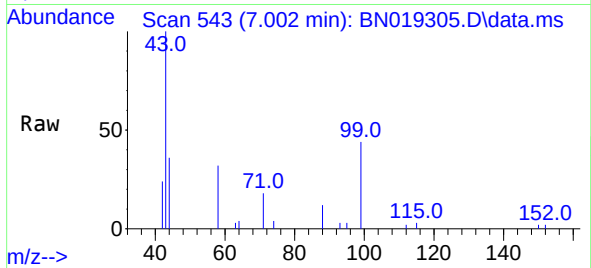
#5
Phenol-d6
Concen: 0.266 ng
RT: 7.002 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

Instrument :
BNA_N
ClientSampleId :
A02015

Tgt Ion: 99 Resp: 315
Ion Ratio Lower Upper
99 100
42 21.4 16.2 24.4
71 36.9 27.7 41.5

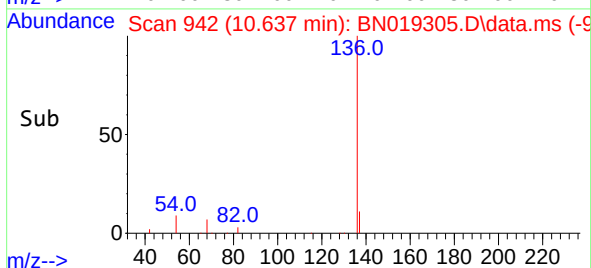
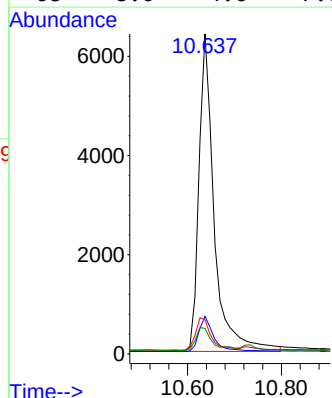
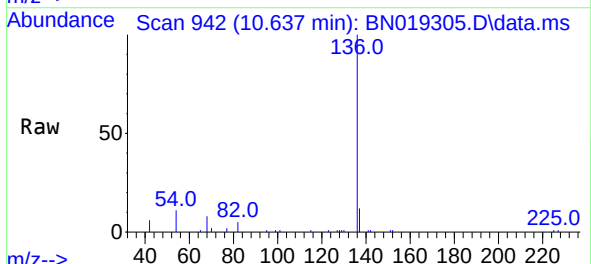
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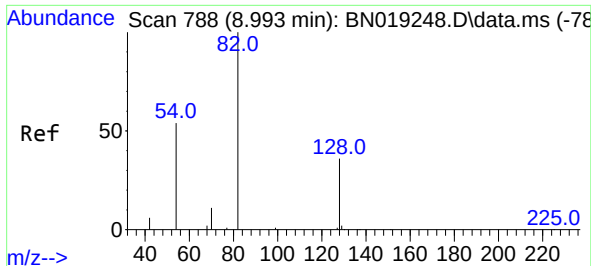
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

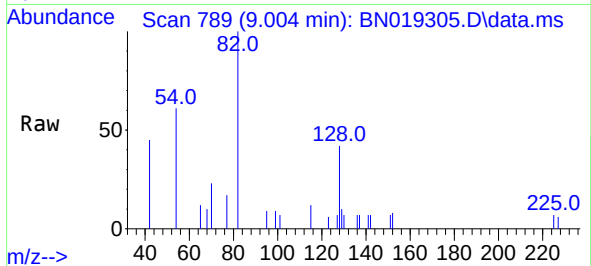
Tgt Ion:136 Resp: 14474
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 10.6 5.8 8.6#
68 8.0 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.227 ng m
RT: 9.004 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

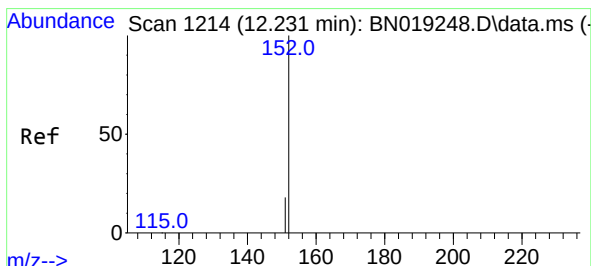
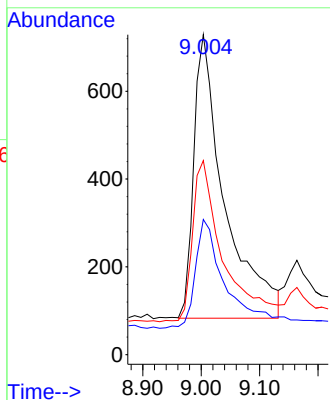
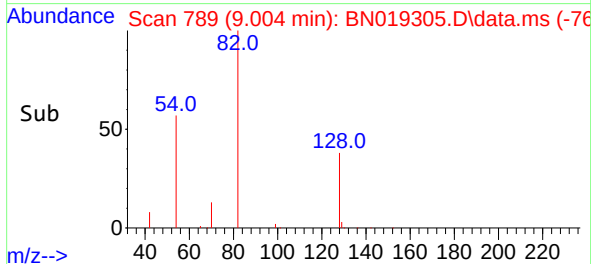
Instrument :
BNA_N
ClientSampleId :
A02015



Tgt Ion: 82 Resp: 2362
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.6
54 60.6 42.5 63.7

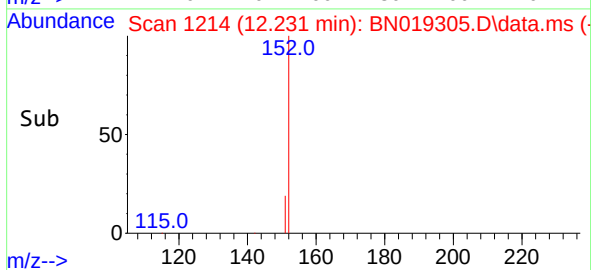
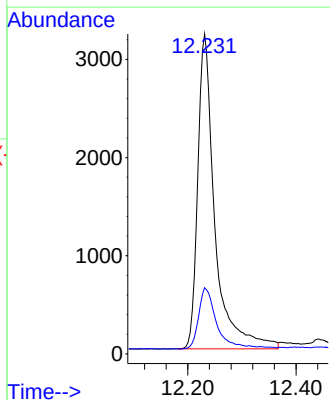
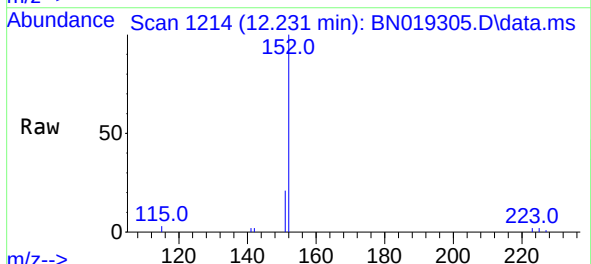
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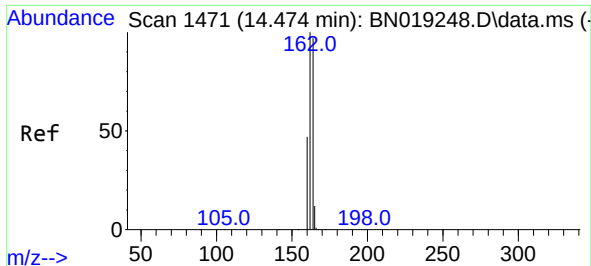
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.231 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

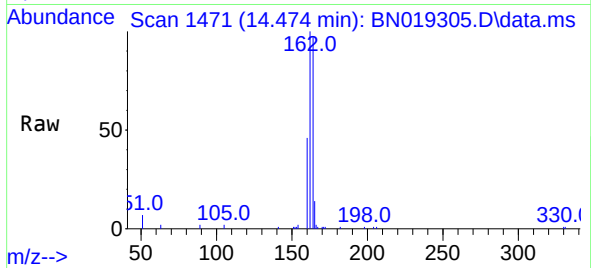
Tgt Ion:152 Resp: 7064
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

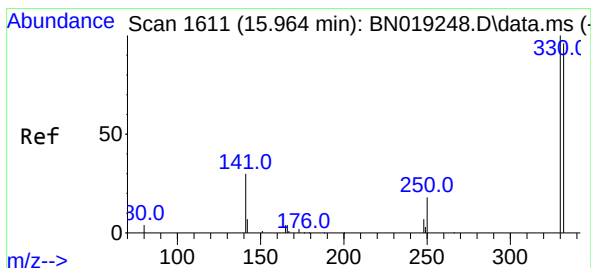
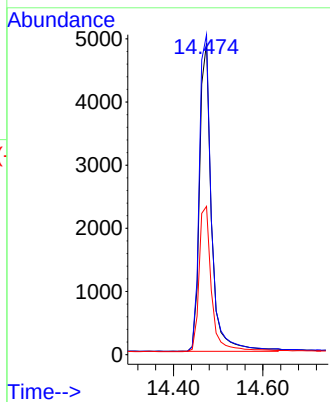
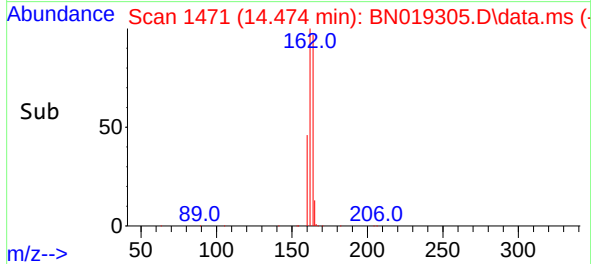
Instrument :
BNA_N
ClientSampleId :
A02015



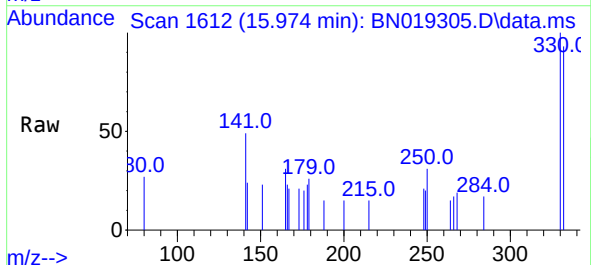
Tgt Ion:164 Resp: 9070
Ion Ratio Lower Upper
164 100
162 102.7 85.2 127.8
160 47.6 41.5 62.3

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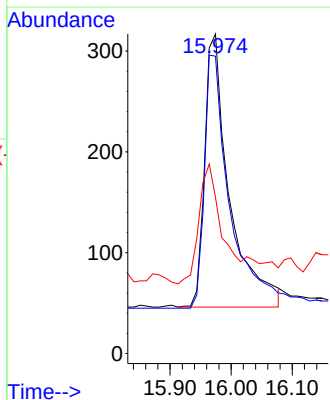
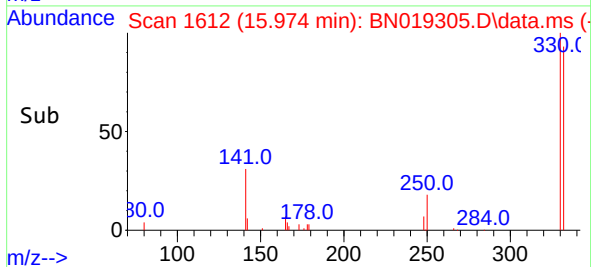
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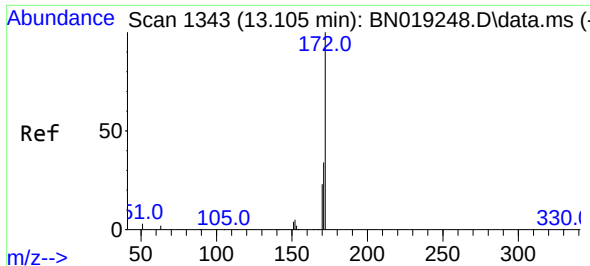


#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.010 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54



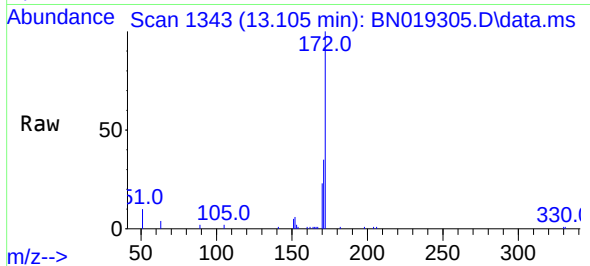
Tgt Ion:330 Resp: 766
Ion Ratio Lower Upper
330 100
332 94.3 76.8 115.2
141 50.7 32.2 48.2#





#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

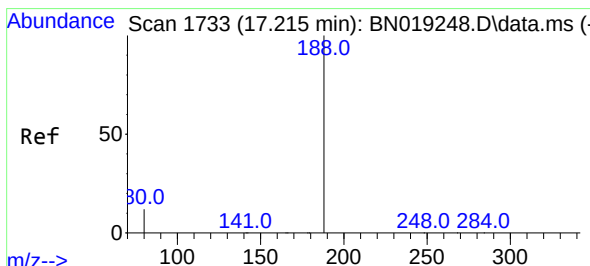
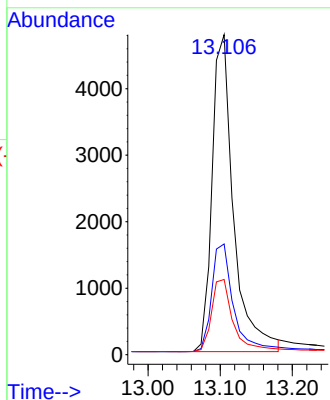
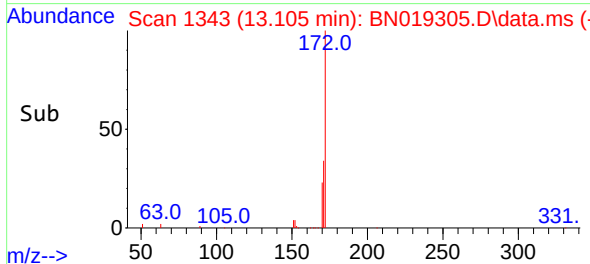
Instrument :
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ClientSampleId :
A02015



Tgt Ion:172 Resp: 985
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.5 18.7 28.1

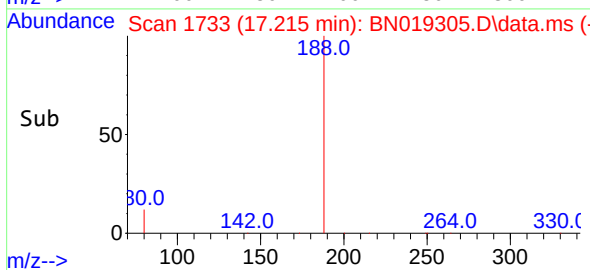
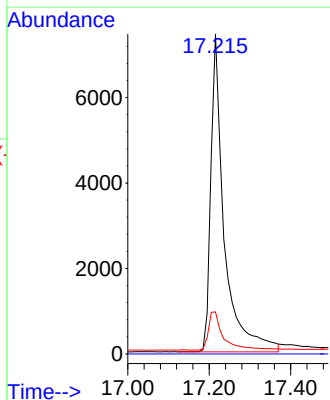
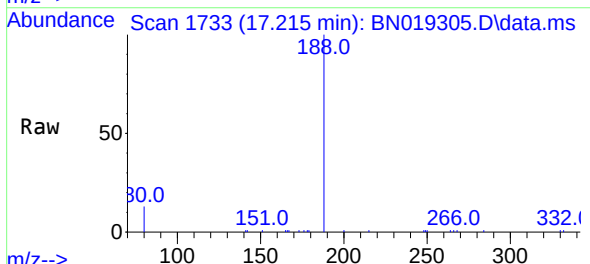
Manual Integrations
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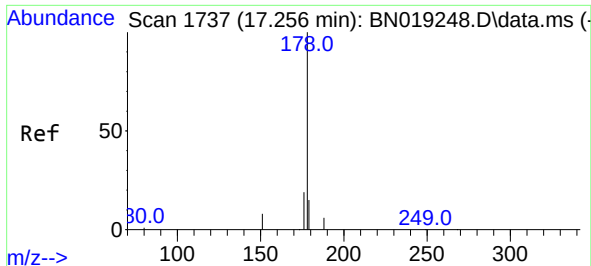
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

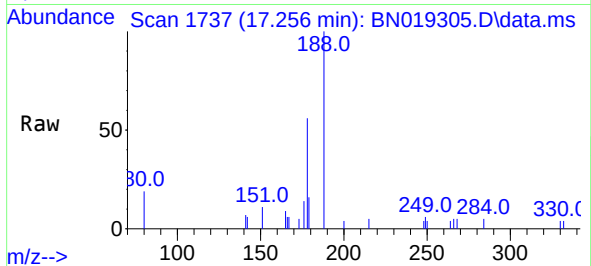
Tgt Ion:188 Resp: 17018
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 11.8 17.8





#25
Phenanthrene
Concen: 0.024 ng m
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

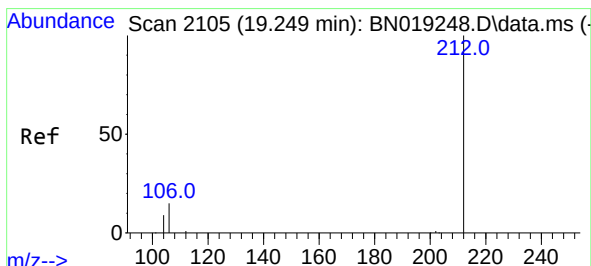
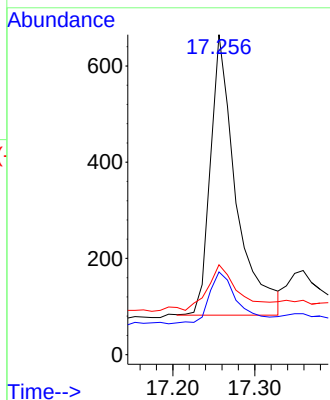
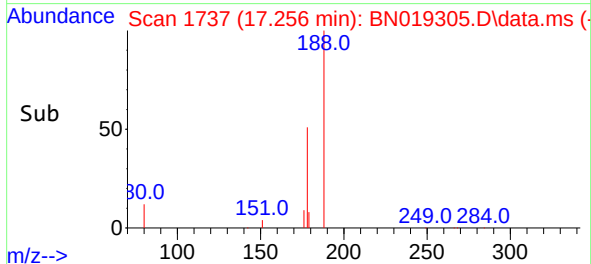
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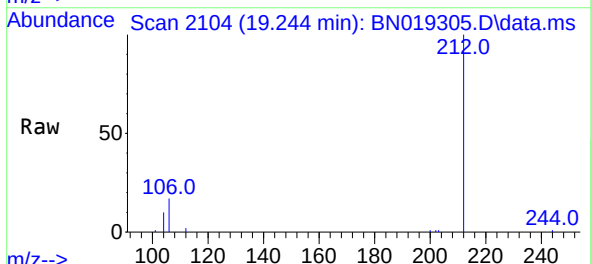
Tgt Ion:178 Resp: 126
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.0
179 21.1 12.2 18.2

Manual Integrations
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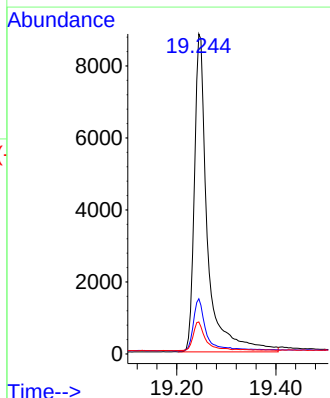
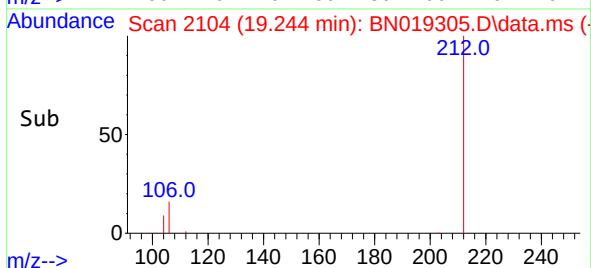
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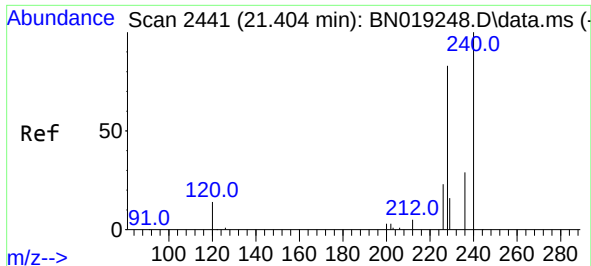


#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.244 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54



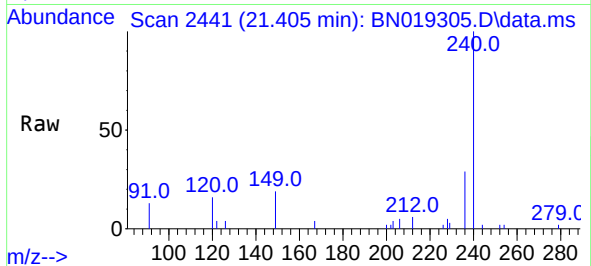
Tgt Ion:212 Resp: 16285
Ion Ratio Lower Upper
212 100
106 15.4 12.7 19.1
104 8.7 7.1 10.7





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.405 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

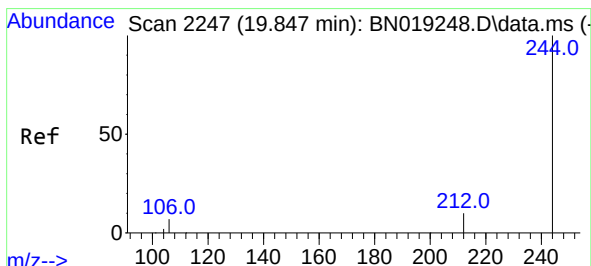
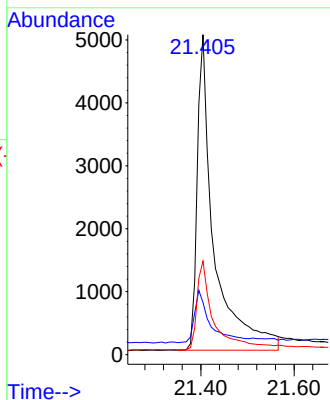
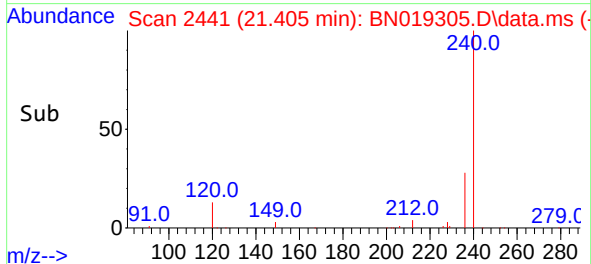
Instrument :
BNA_N
ClientSampleId :
A02015



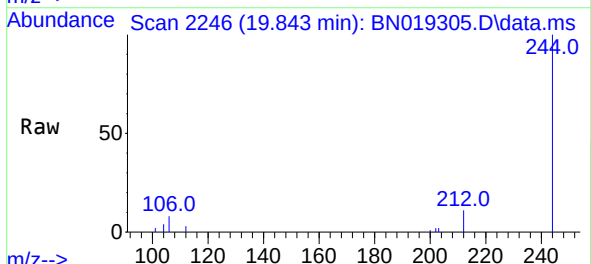
Tgt Ion:240 Resp: 12575
Ion Ratio Lower Upper
240 100
120 16.3 8.5 12.7
236 29.2 22.4 33.6

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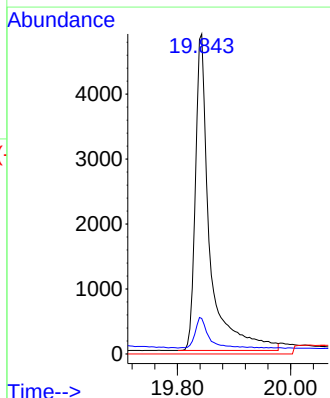
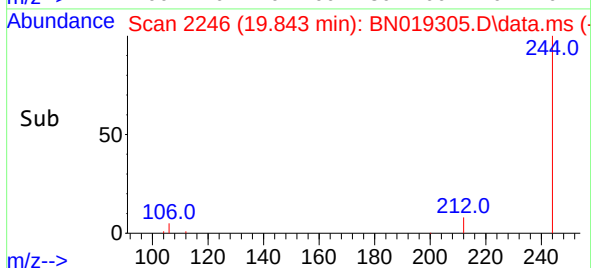
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

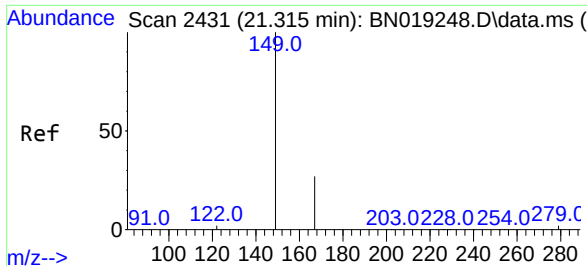


#31
Terphenyl-d14
Concen: 0.308 ng
RT: 19.843 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54



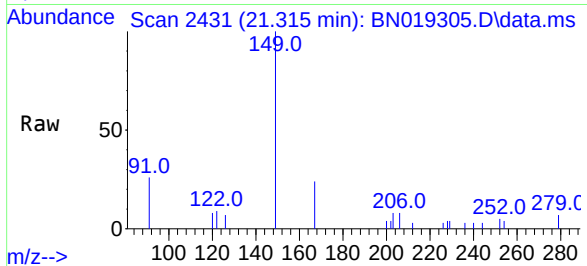
Tgt Ion:244 Resp: 8618
Ion Ratio Lower Upper
244 100
212 11.1 8.2 12.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.088 ng
RT: 21.315 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

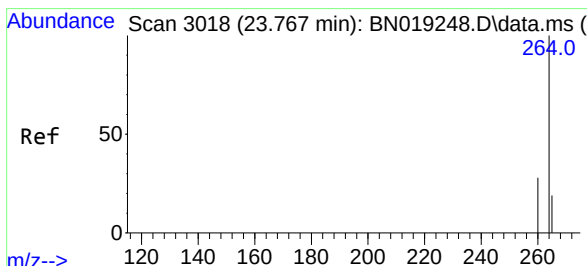
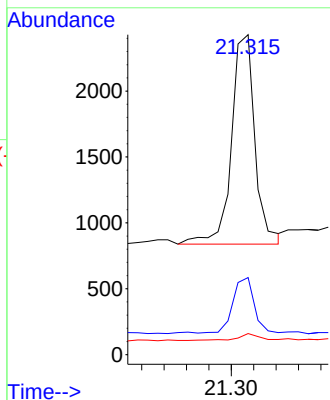
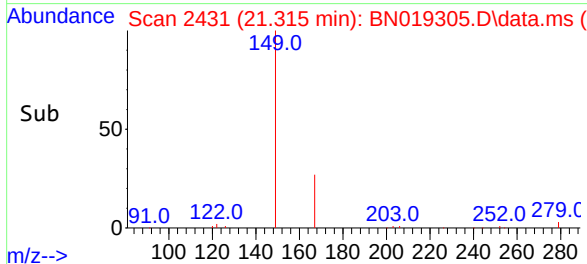
Instrument :
BNA_N
ClientSampleId :
A02015



Tgt Ion:149 Resp: 2314
Ion Ratio Lower Upper
149 100
167 25.4 21.8 32.8
279 3.8 2.0 3.0

Manual Integrations
APPROVED

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.758 min Scan# 3015
Delta R.T. -0.009 min
Lab File: BN019305.D
Acq: 02 Apr 2022 02:54

Tgt Ion:264 Resp: 10382
Ion Ratio Lower Upper
264 100
260 27.9 22.4 33.6
265 38.9 25.3 37.9

