

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
 Data File : BN018939.D
 Acq On : 14 Mar 2022 16:55
 Operator : CG/JU
 Sample : N1889-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-01-031022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/15/2022
 Supervised By : Jagrut Upadhyay 03/15/2022

Quant Time: Mar 14 18:02:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 23:19:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	6679	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	18726	0.400	ng	# 0.00
13) Acenaphthene-d10	14.527	164	10066	0.400	ng	0.00
19) Phenanthrene-d10	17.267	188	16953	0.400	ng	0.00
29) Chrysene-d12	21.449	240	11931	0.400	ng	# 0.00
35) Perylene-d12	23.834	264	11349	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	2269	0.135	ng	0.00
5) Phenol-d6	7.053	99	1561	0.080	ng	0.00
8) Nitrobenzene-d5	9.046	82	4161m	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	8769	0.284	ng	0.00
14) 2,4,6-Tribromophenol	16.015	330	1511	0.287	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	13715	0.313	ng	0.00
27) Fluoranthene-d10	19.295	212	15605	0.325	ng	0.00
31) Terphenyl-d14	19.889	244	11687	0.441	ng	0.00
Target Compounds						
17) Acenaphthene	14.591	154	13912	0.415	ng	97
26) Anthracene	17.400	178	8060	0.163	ng	# 82
30) Pyrene	19.687	202	12290	0.214	ng	# 90
32) Benzo(a)anthracene	21.431	228	3984	0.084	ng	# 32
33) Chrysene	21.485	228	6595	0.132	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.360	149	7304	0.342	ng	99

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

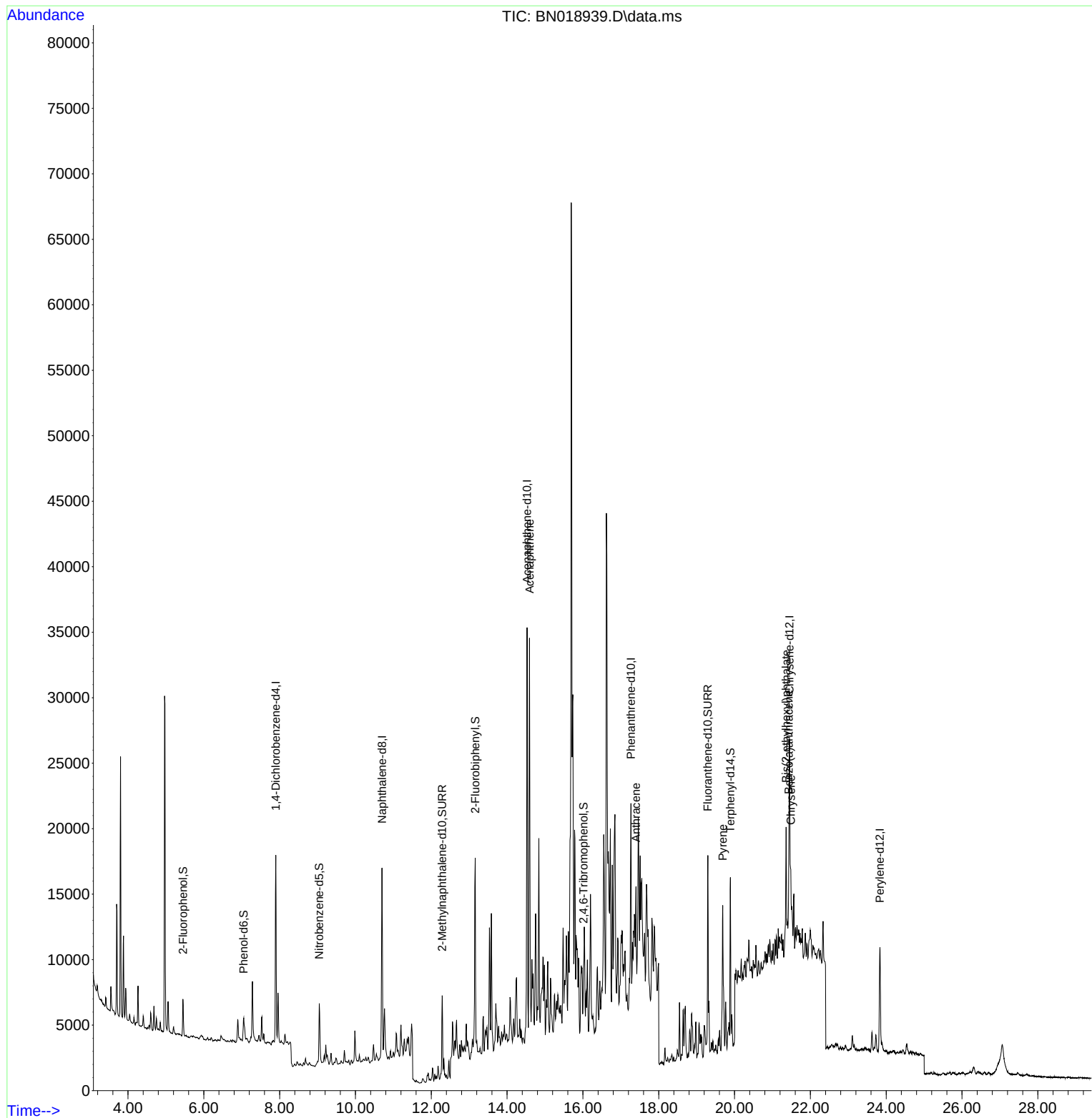
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
Data File : BN018939.D
Acq On : 14 Mar 2022 16:55
Operator : CG/JU
Sample : N1889-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

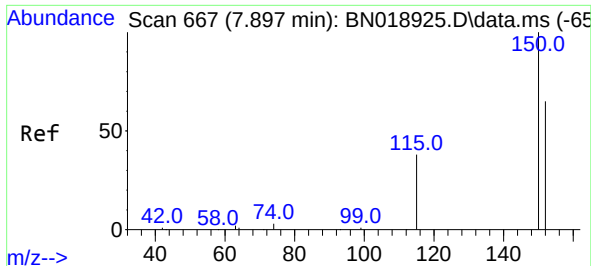
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

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Quant Time: Mar 14 18:02:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 23:19:11 2022
Response via : Initial Calibration





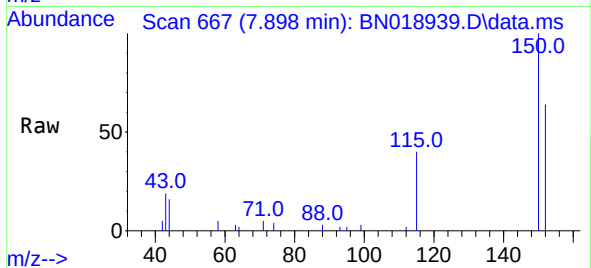
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 667
Delta R.T. 0.001 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Instrument :

BNA_N

ClientSampleId :

DUP-01-031022

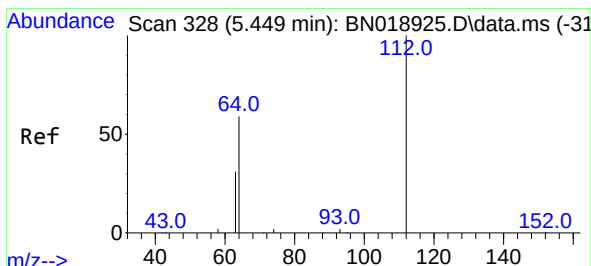
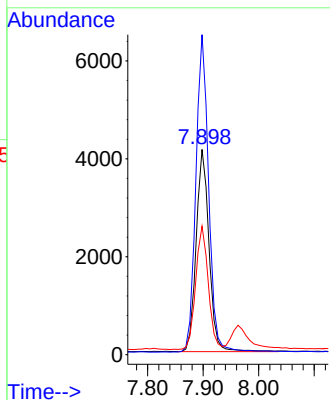


Tgt Ion:152 Resp: 6679
Ion Ratio Lower Upper
152 100
150 155.9 123.9 185.9
115 62.6 48.2 72.4

Manual Integrations

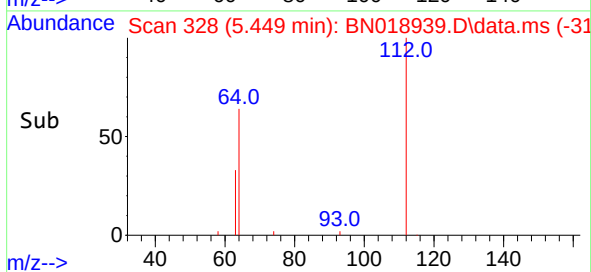
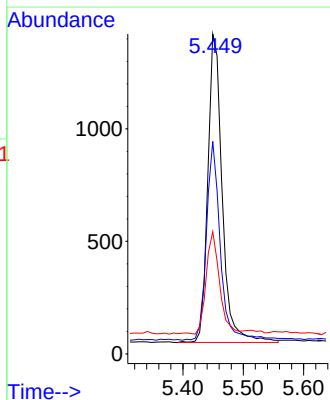
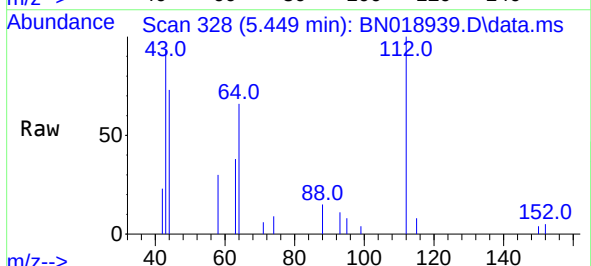
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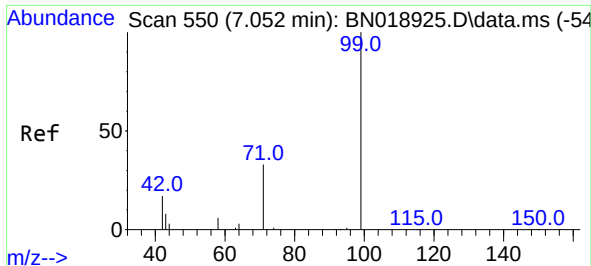
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

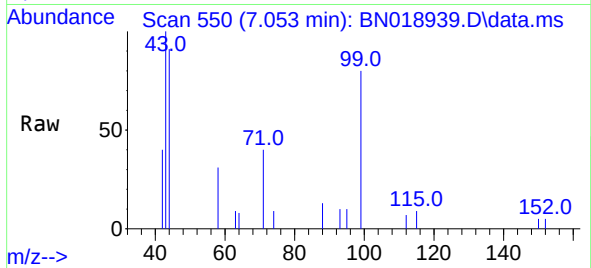
Tgt Ion:112 Resp: 2269
Ion Ratio Lower Upper
112 100
64 62.5 47.8 71.8
63 30.4 25.7 38.5





#5
Phenol-d6
Concen: 0.080 ng
RT: 7.053 min Scan# 550
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

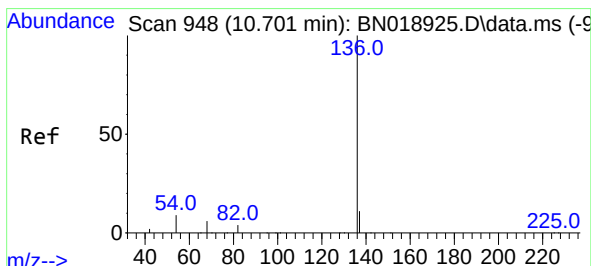
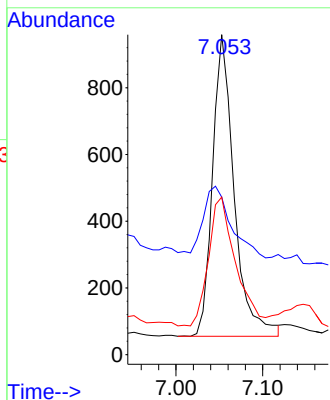
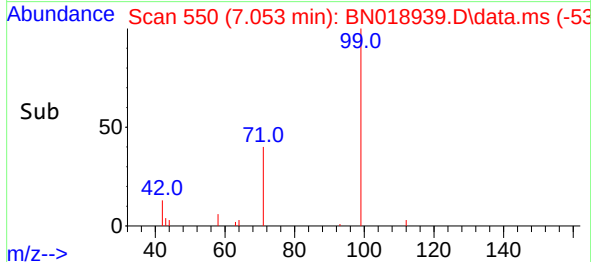


Tgt Ion: 99 Resp: 156

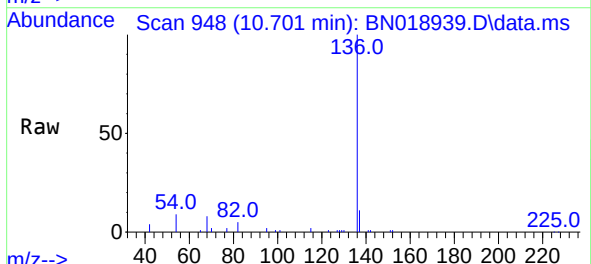
Ion	Ratio	Lower	Upper
99	100		
42	29.8	16.2	24.4
71	53.6	27.7	41.5

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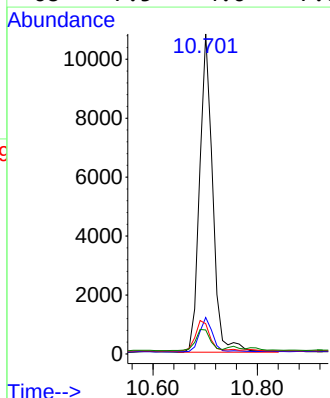
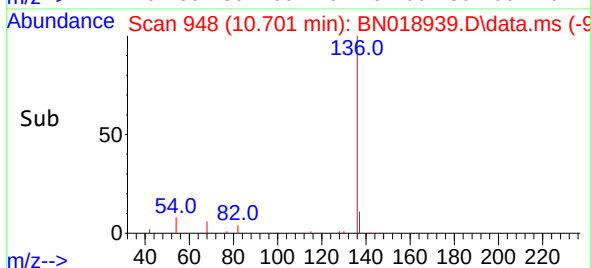


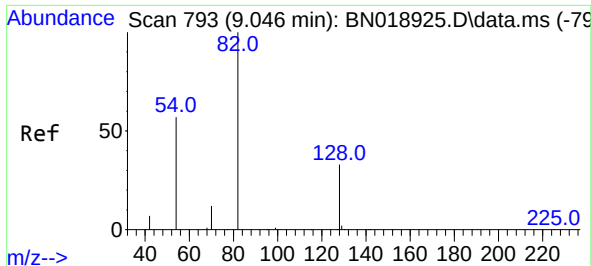
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55



Tgt Ion:136 Resp: 18726

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.4	5.8	8.6
68	7.5	4.6	7.0





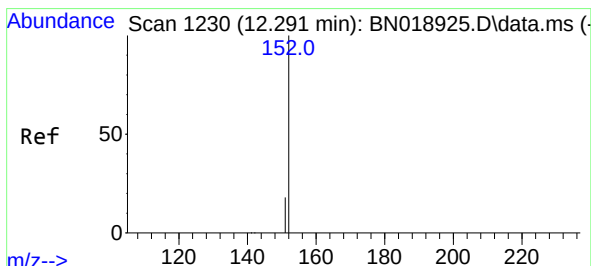
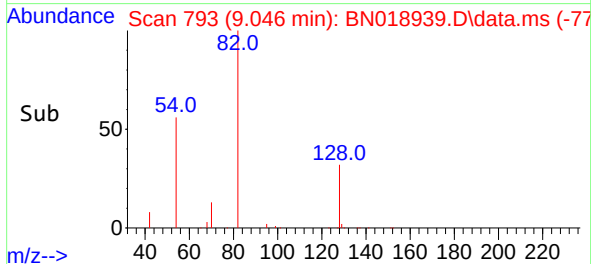
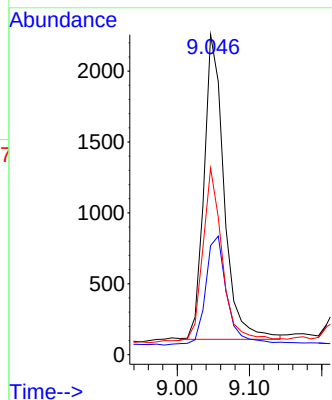
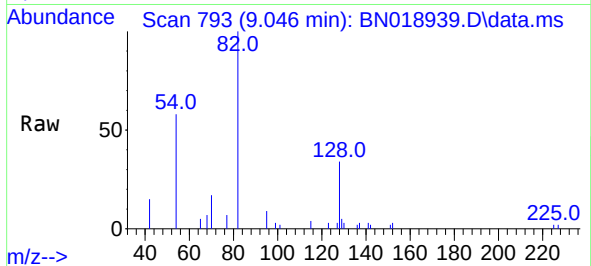
#8
Nitrobenzene-d5
Concen: 0.268 ng m
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

Tgt Ion: 82 Resp: 416
Ion Ratio Lower Upper
82 100
128 34.1 33.0 49.6
54 58.4 42.5 63.7

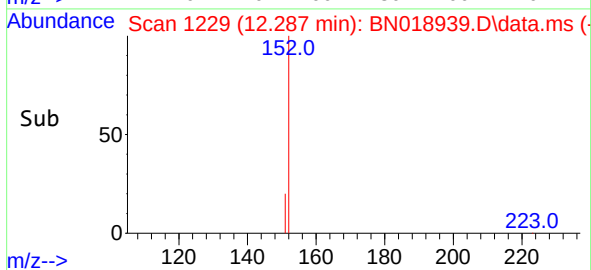
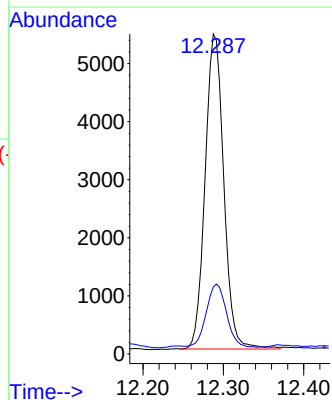
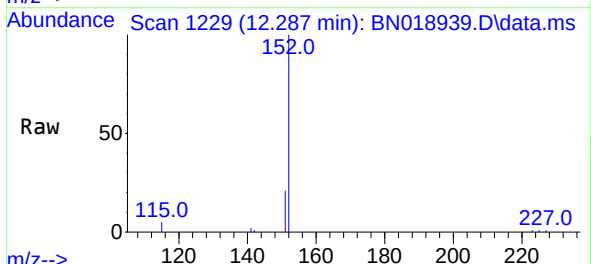
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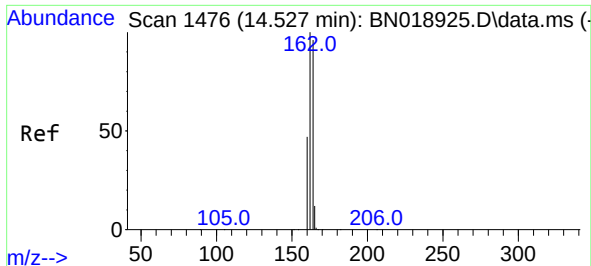
Reviewed By :Christian Giraldo 03/15/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.287 min Scan# 1229
Delta R.T. -0.003 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

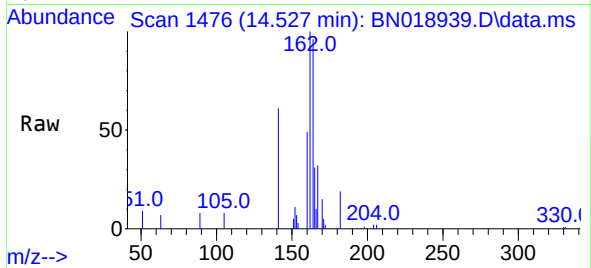
Tgt Ion:152 Resp: 8769
Ion Ratio Lower Upper
152 100
151 22.0 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

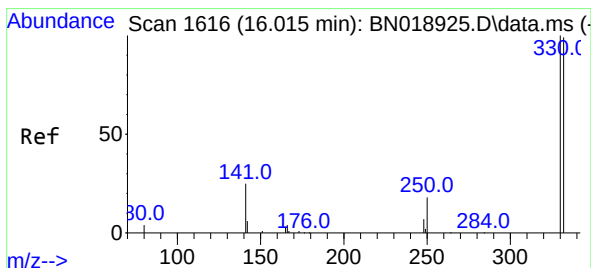
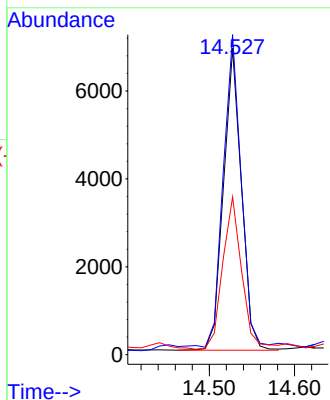
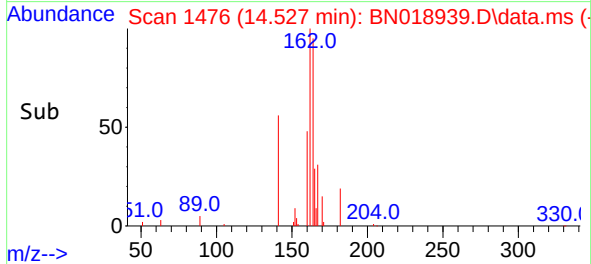
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022



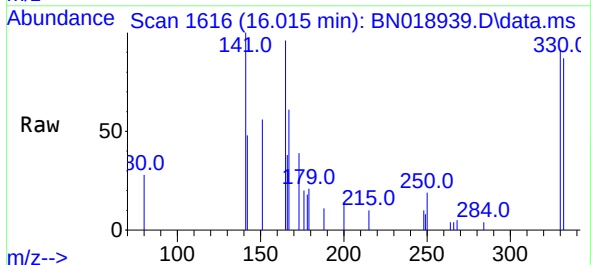
Tgt Ion:164 Resp: 1006
Ion Ratio Lower Upper
164 100
162 104.5 85.2 127.8
160 51.5 41.5 62.3

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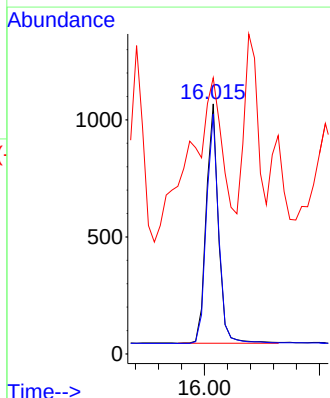
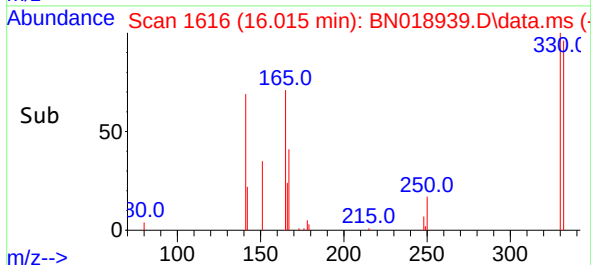
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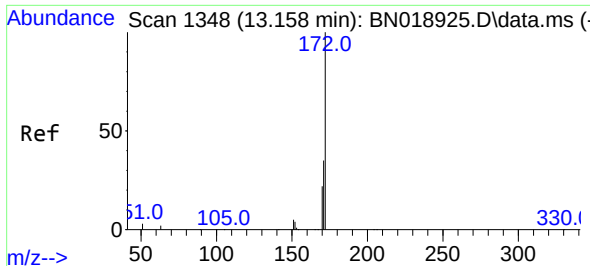


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 16.015 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55



Tgt Ion:330 Resp: 1511
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 117.7 32.2 48.2#





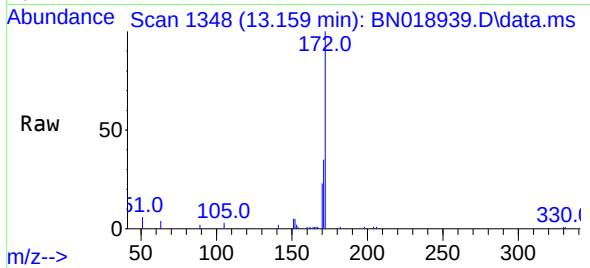
#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.159 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Instrument :

BNA_N

ClientSampleId :

DUP-01-031022

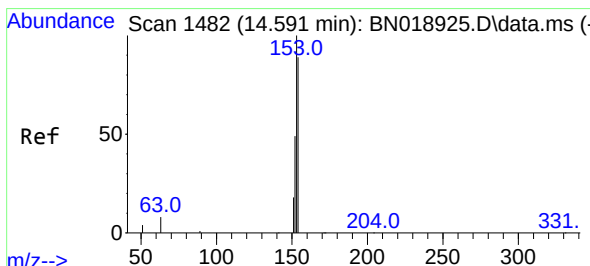
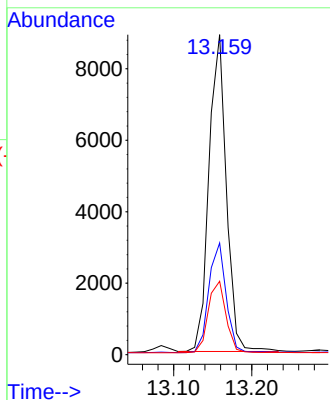
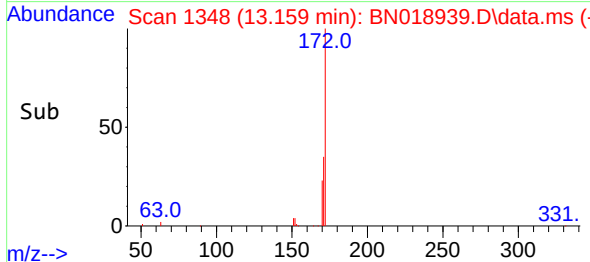


Tgt Ion:172 Resp: 13715
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 22.9 18.7 28.1

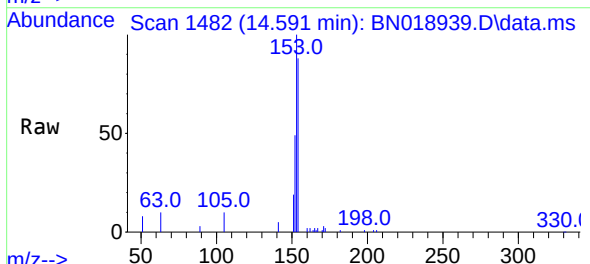
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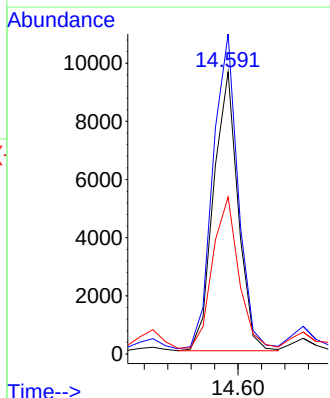
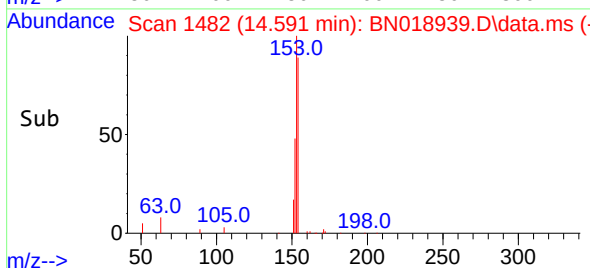
Reviewed By :Christian Giraldo 03/15/2022
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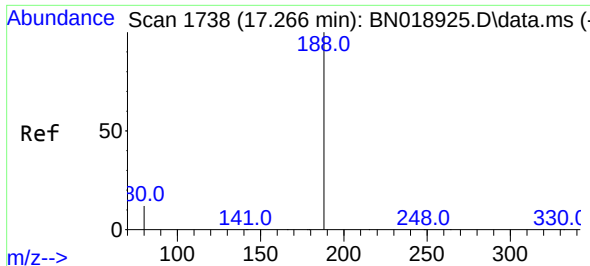


#17
Acenaphthene
Concen: 0.415 ng
RT: 14.591 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55



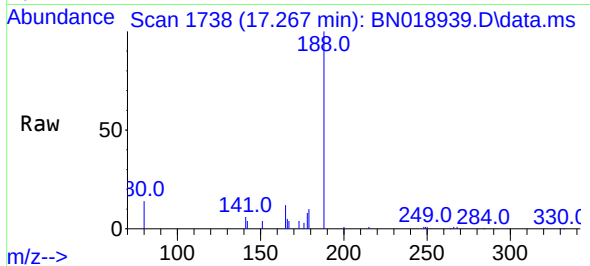
Tgt Ion:154 Resp: 13912
Ion Ratio Lower Upper
154 100
153 115.1 89.7 134.5
152 57.3 44.7 67.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.267 min Scan# 1738
Delta R.T. 0.001 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

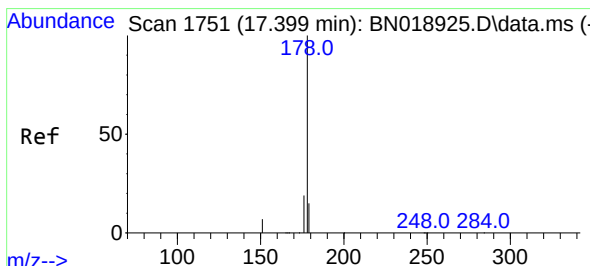
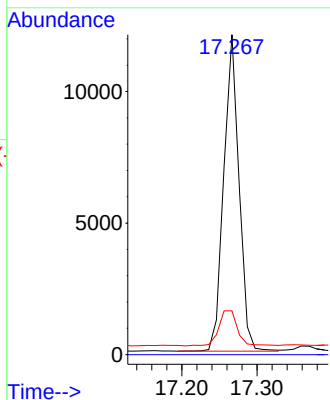
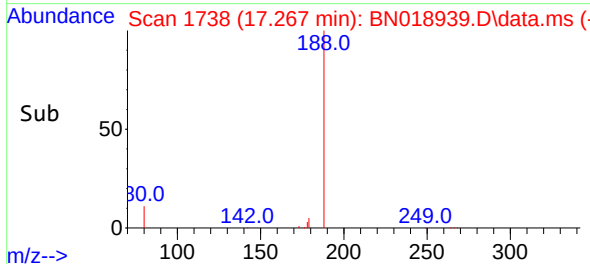
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022



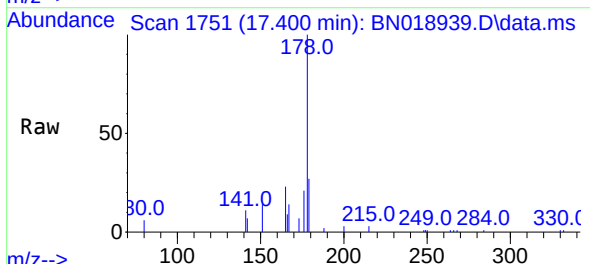
Tgt Ion:188 Resp: 1695
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 11.8 17.8

Manual Integrations
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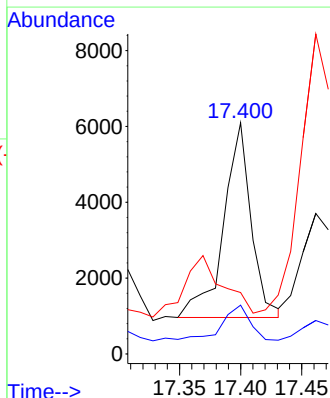
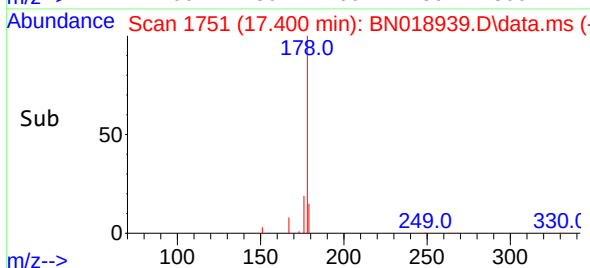
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

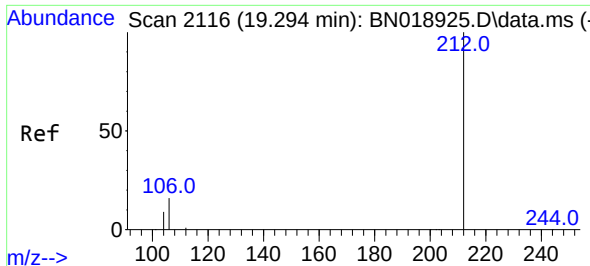


#26
Anthracene
Concen: 0.163 ng
RT: 17.400 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55



Tgt Ion:178 Resp: 8060
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 0.0 12.2 18.4





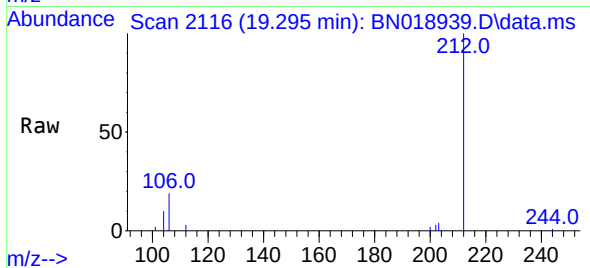
#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.295 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Instrument :

BNA_N

ClientSampleId :

DUP-01-031022



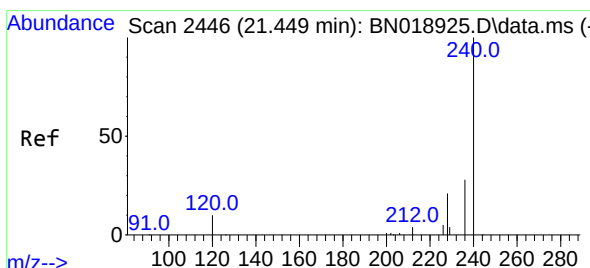
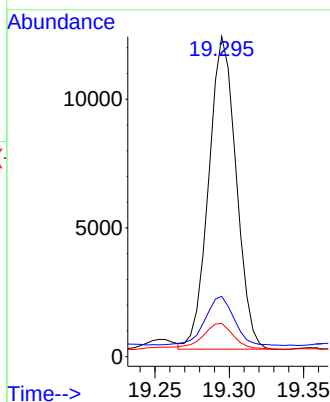
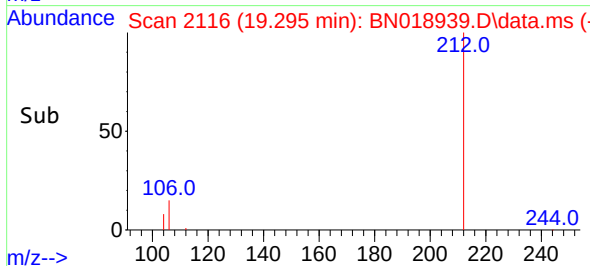
Tgt Ion:212 Resp: 1560
Ion Ratio Lower Upper
212 100
106 16.8 12.7 19.1
104 11.6 7.1 10.7

Manual Integrations

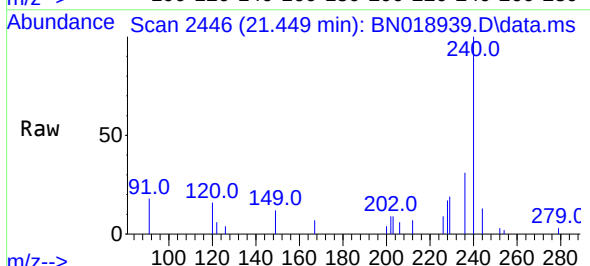
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Reviewed By :Christian Giraldo 03/15/2022

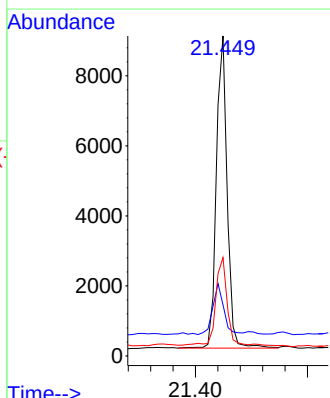
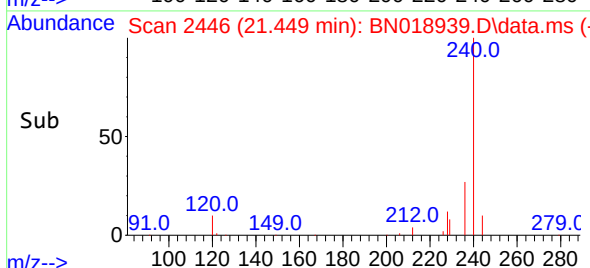
Supervised By :Jagrut Upadhyay 03/15/2022

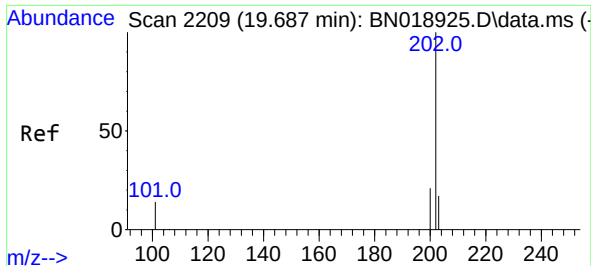


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55



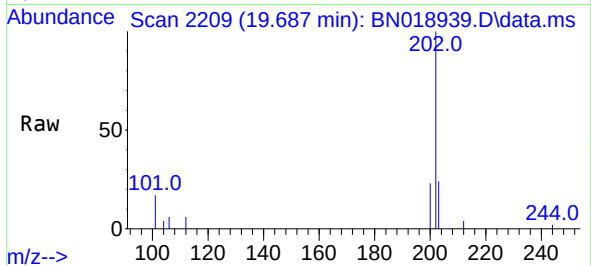
Tgt Ion:240 Resp: 11931
Ion Ratio Lower Upper
240 100
120 16.0 8.5 12.7#
236 30.8 22.4 33.6





#30
Pyrene
Concen: 0.214 ng
RT: 19.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

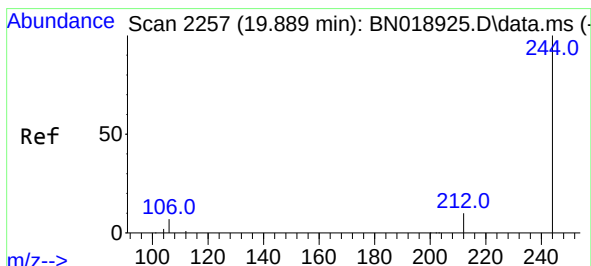
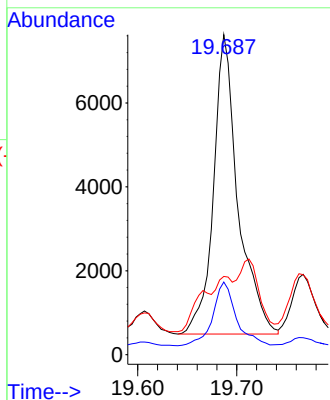
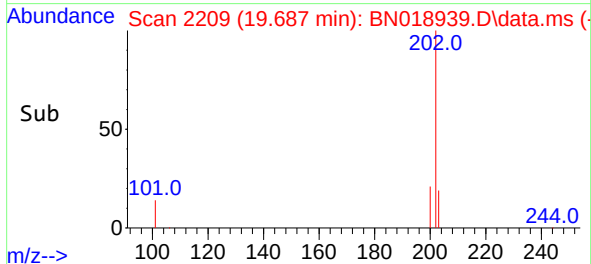


Tgt Ion: 202 Resp: 12290

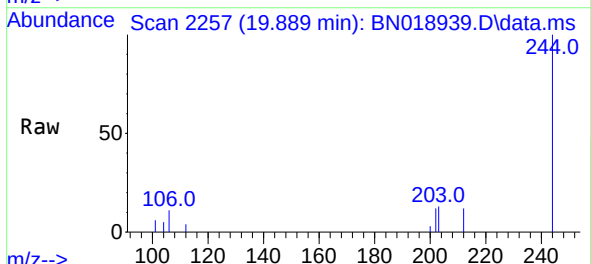
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	9.1	14.2	21.2

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Supervised By : Jagrut Upadhyay 03/15/2022

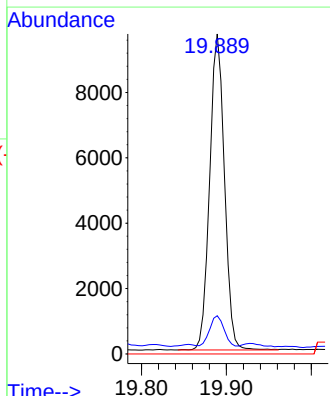
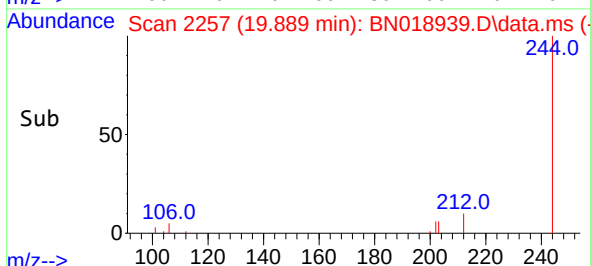


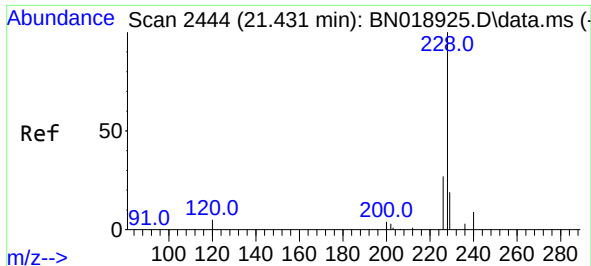
#31
Terphenyl-d14
Concen: 0.441 ng
RT: 19.889 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55



Tgt Ion: 244 Resp: 11687

Ion	Ratio	Lower	Upper
244	100		
212	12.0	8.2	12.4
122	0.0	0.0	0.0





#32

Benzo(a)anthracene

Concen: 0.084 ng

RT: 21.431 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BN018939.D

Acq: 14 Mar 2022 16:55

Instrument :

BNA_N

ClientSampleId :

DUP-01-031022

Tgt Ion:228 Resp: 3984

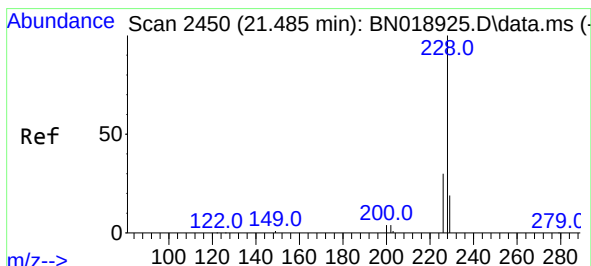
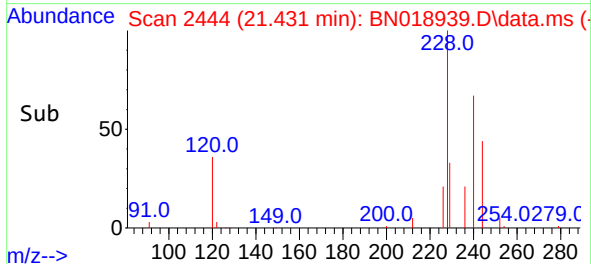
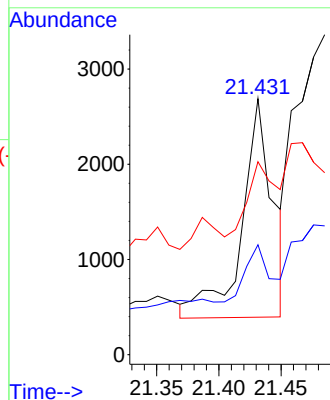
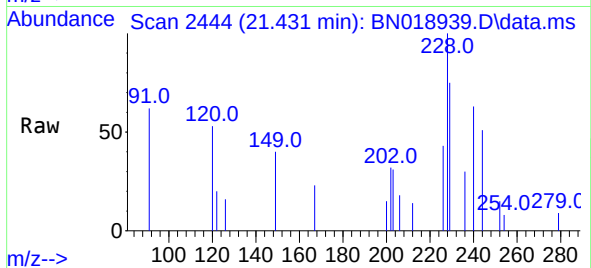
Ion	Ratio	Lower	Upper
228	100		
226	42.9	21.9	32.9
229	75.4	16.0	24.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#33

Chrysene

Concen: 0.132 ng

RT: 21.485 min Scan# 2450

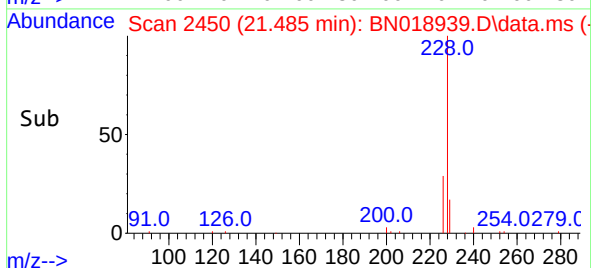
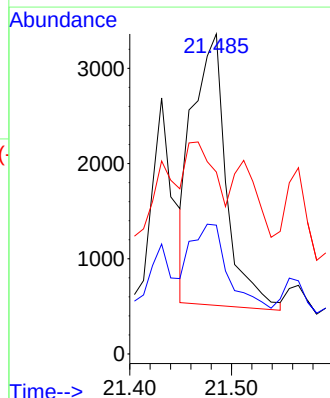
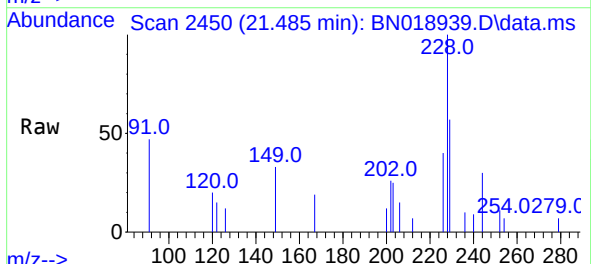
Delta R.T. 0.000 min

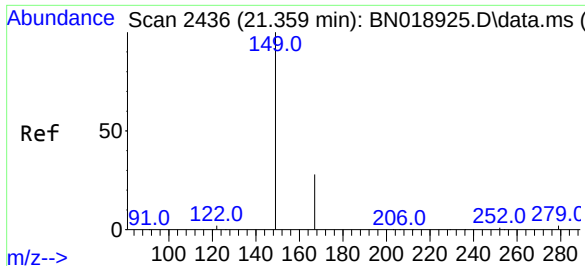
Lab File: BN018939.D

Acq: 14 Mar 2022 16:55

Tgt Ion:228 Resp: 6595

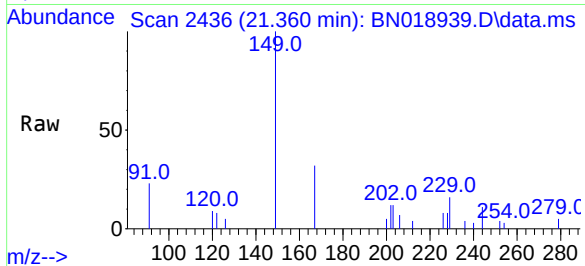
Ion	Ratio	Lower	Upper
228	100		
226	40.2	24.0	36.0
229	56.9	15.9	23.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.360 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

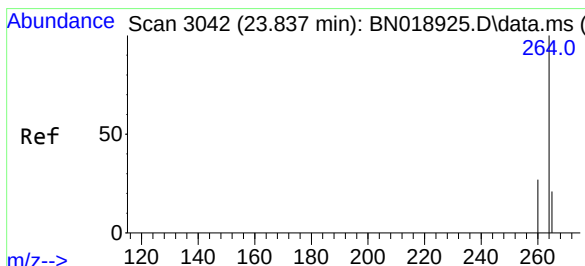
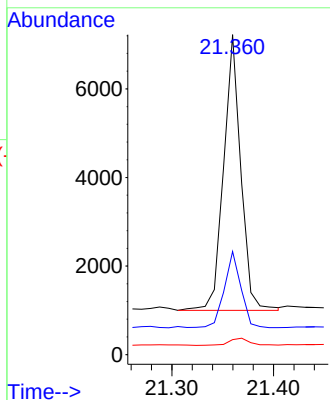
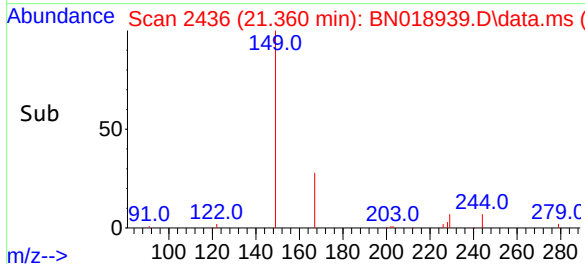
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022



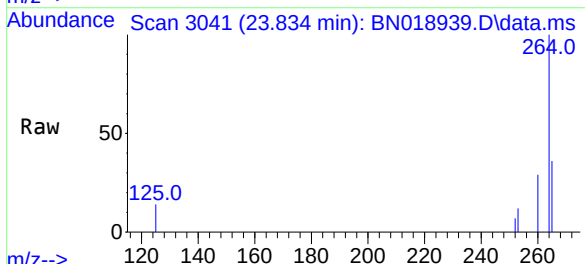
Tgt Ion:149 Resp: 7304
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.8
279 2.9 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.834 min Scan# 3041
Delta R.T. -0.003 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55



Tgt Ion:264 Resp: 11349
Ion Ratio Lower Upper
264 100
260 29.1 22.4 33.6
265 35.8 25.3 37.9

