

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019291.D
 Acq On : 01 Apr 2022 17:19
 Operator : CG/JU
 Sample : N2220-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A02145

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 21:58:30 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	7.840	152	4576	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12675	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7734	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	14752	0.400	ng	0.00
29) Chrysene-d12	21.404	240	11123	0.400	ng	# 0.00
35) Perylene-d12	23.761	264	9988	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	3577	0.357	ng	0.00
5) Phenol-d6	7.002	99	3389	0.319	ng	0.00
8) Nitrobenzene-d5	9.003	82	2474m	0.272	ng	0.01
11) 2-Methylnaphthalene-d10	12.231	152	6687	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	873	0.241	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	9156	0.295	ng	0.00
27) Fluoranthene-d10	19.244	212	13926	0.314	ng	0.00
31) Terphenyl-d14	19.843	244	7555	0.305	ng	0.00
Target Compounds						
25) Phenanthrene	17.256	178	1626m	0.035	ng	Qvalue
28) Fluoranthene	19.278	202	2049	0.037	ng	# 94
30) Pyrene	19.640	202	1732	0.032	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.315	149	4077	0.175	ng	# 98
37) Benzo(b)fluoranthene	23.054	252	1058	0.029	ng	# 1

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

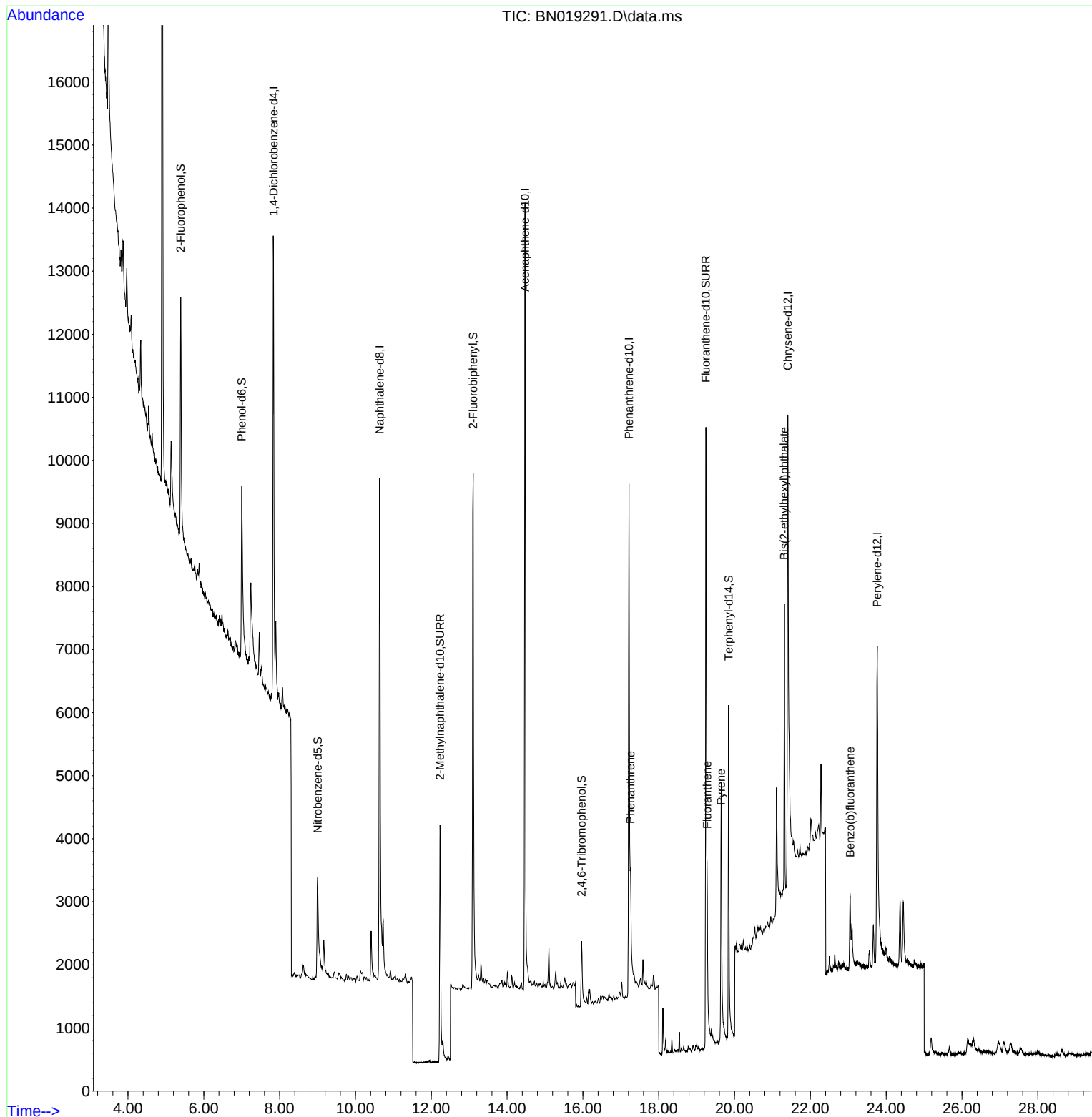
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019291.D
Acq On : 01 Apr 2022 17:19
Operator : CG/JU
Sample : N2220-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

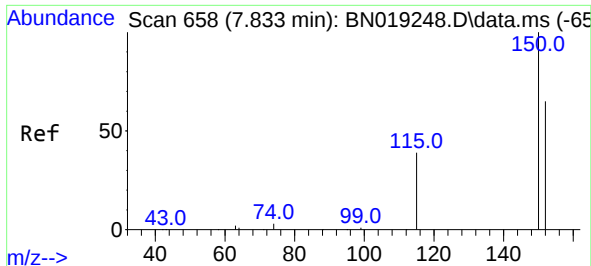
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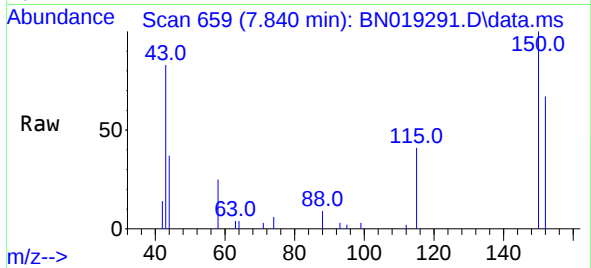
Quant Time: Apr 01 21:58:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

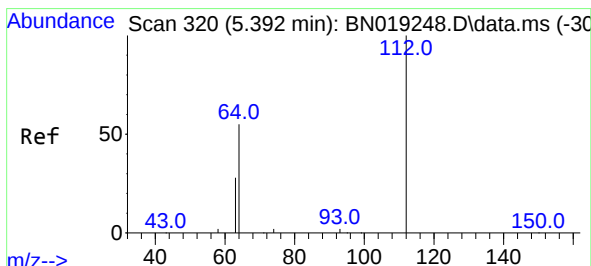
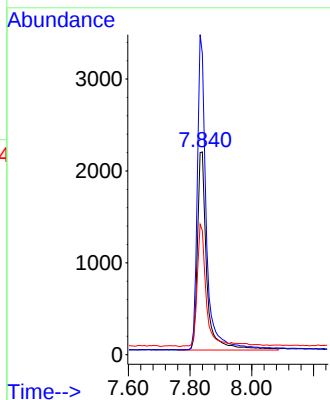
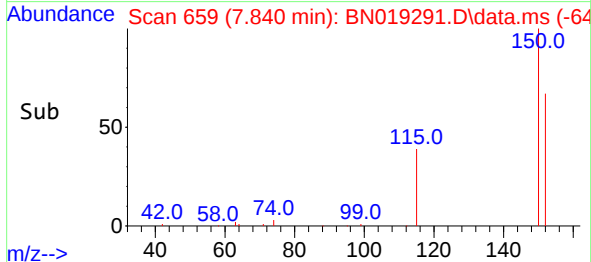
Instrument :
BNA_N
ClientSampleId :
A02145



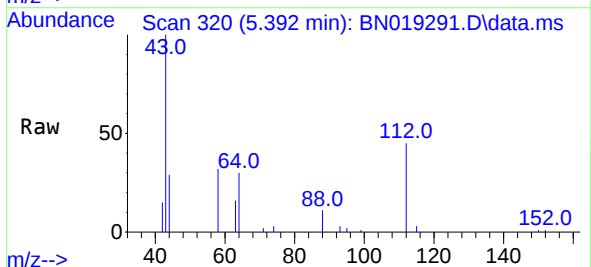
Tgt Ion:152 Resp: 4570
Ion Ratio Lower Upper
152 100
150 148.5 123.9 185.9
115 61.2 48.2 72.4

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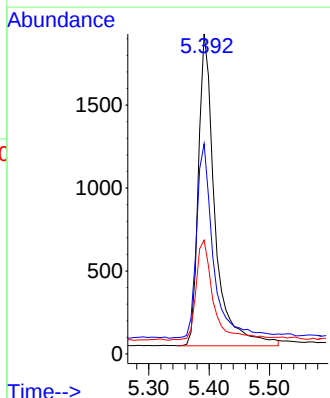
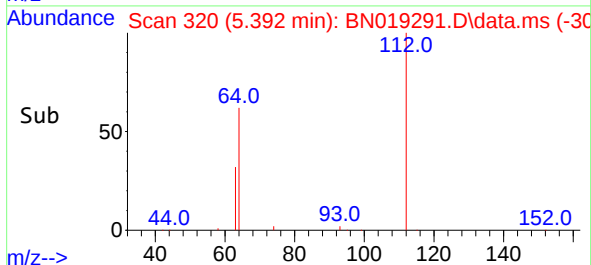
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

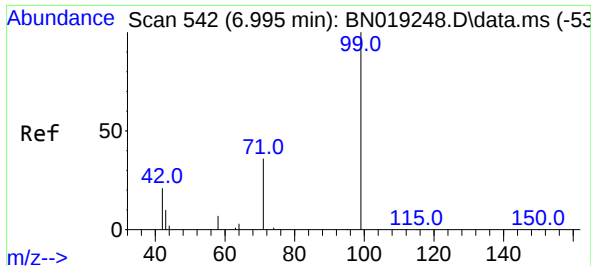


#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19



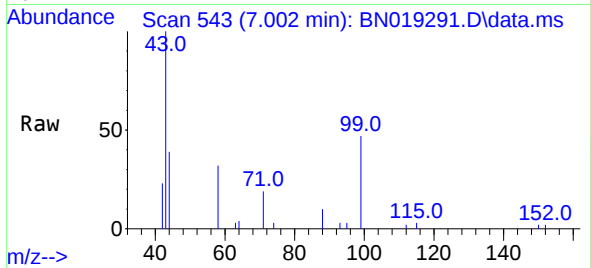
Tgt Ion:112 Resp: 3577
Ion Ratio Lower Upper
112 100
64 64.0 47.8 71.8
63 33.7 25.7 38.5





#5
Phenol-d6
Concen: 0.319 ng
RT: 7.002 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

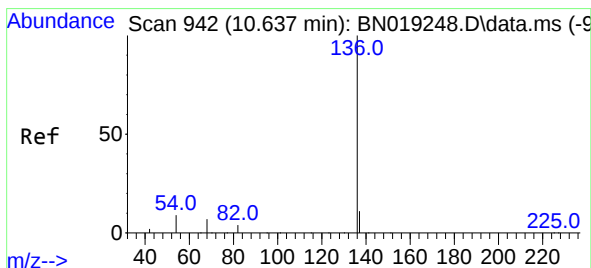
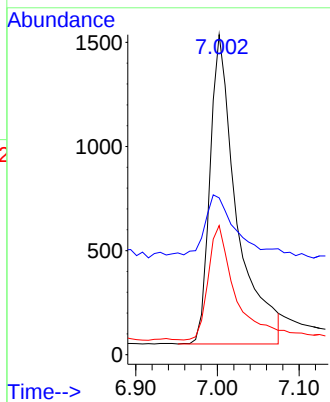
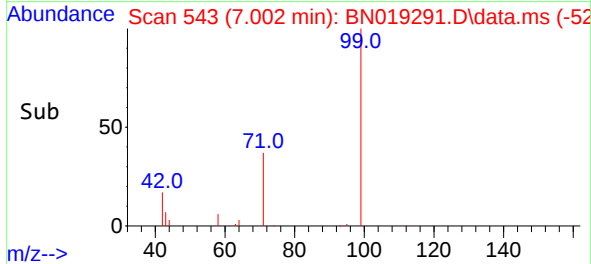
Instrument :
BNA_N
ClientSampleId :
A02145



Tgt Ion: 99 Resp: 3389
Ion Ratio Lower Upper
99 100
42 21.1 16.2 24.4
71 37.0 27.7 41.5

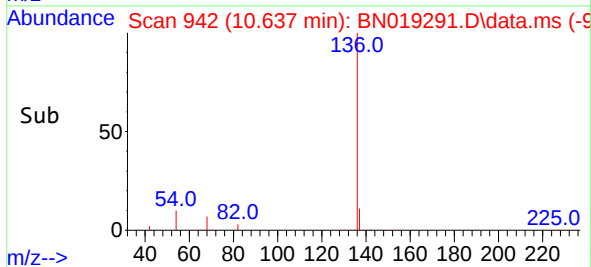
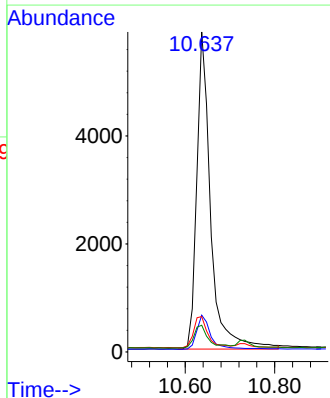
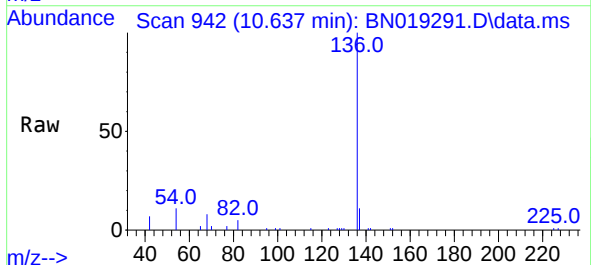
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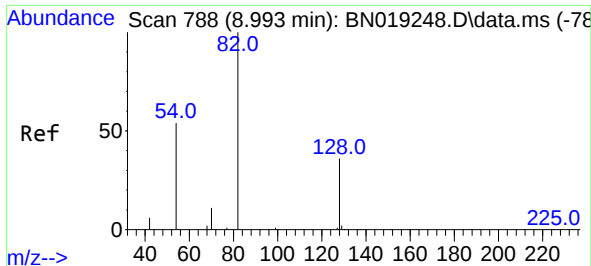
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

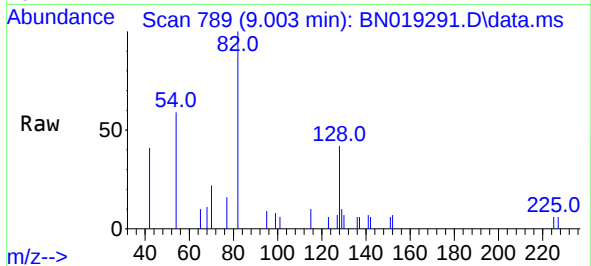
Tgt Ion:136 Resp: 12675
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 11.1 5.8 8.6#
68 8.4 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.272 ng m
RT: 9.003 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

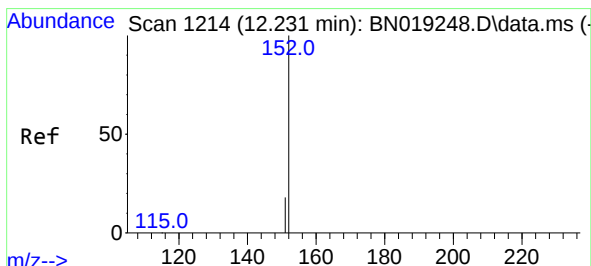
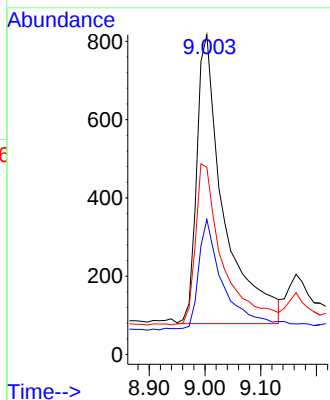
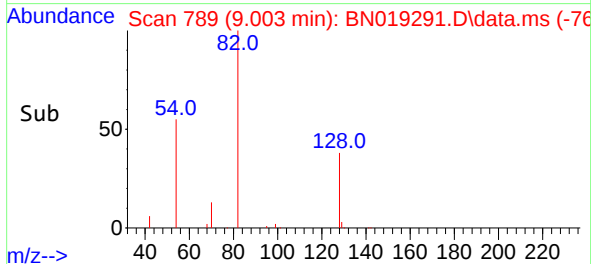
Instrument :
BNA_N
ClientSampleId :
A02145



Tgt Ion: 82 Resp: 2474
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.6
54 58.5 42.5 63.7

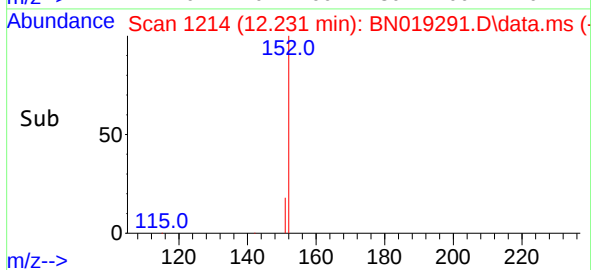
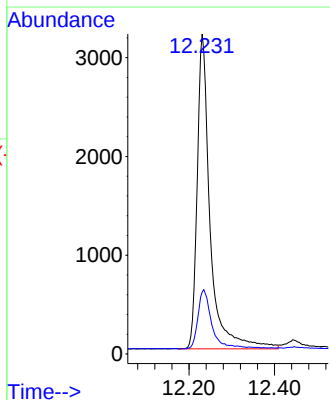
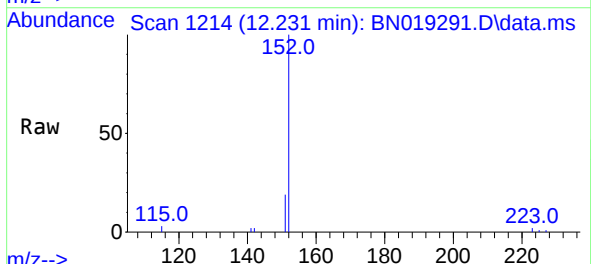
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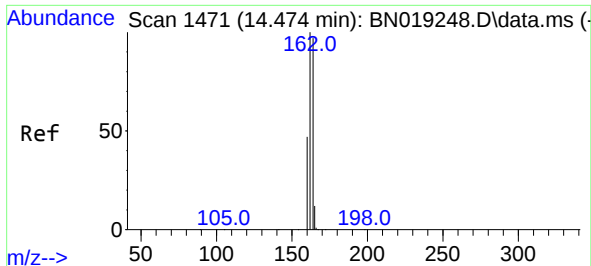
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.231 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

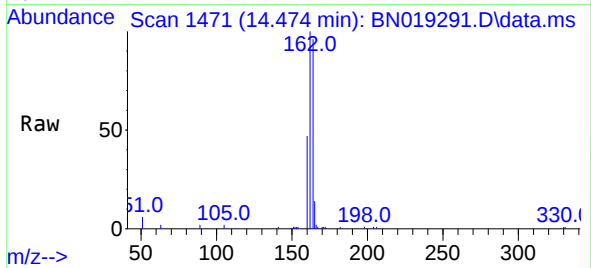
Tgt Ion:152 Resp: 6687
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

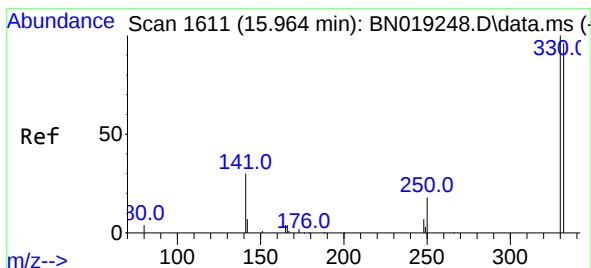
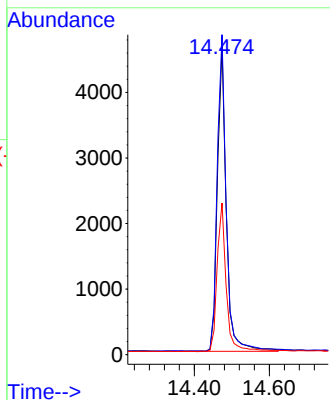
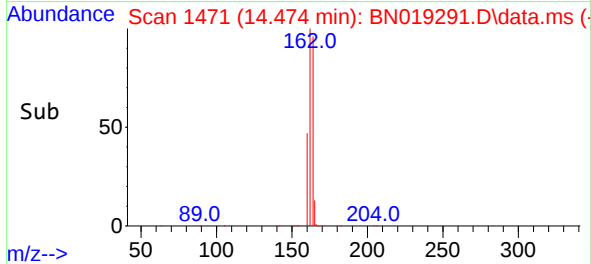
Instrument :
BNA_N
ClientSampleId :
A02145



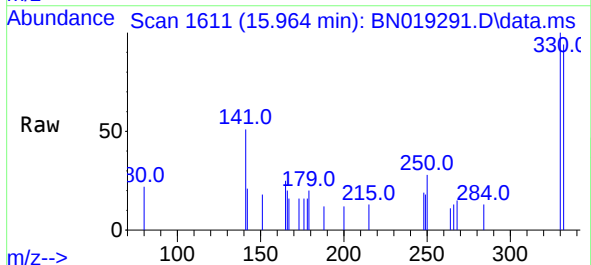
Tgt Ion:164 Resp: 7734
Ion Ratio Lower Upper
164 100
162 103.8 85.2 127.8
160 49.2 41.5 62.3

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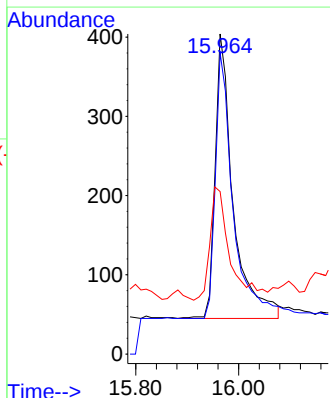
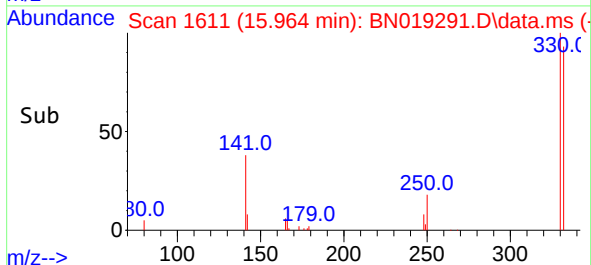
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

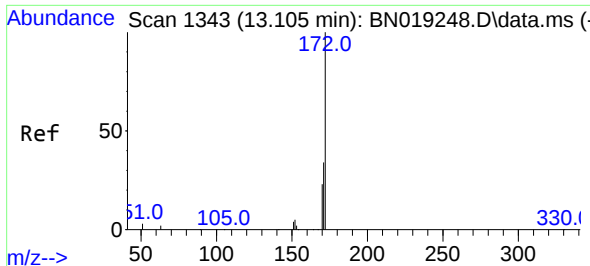


#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19



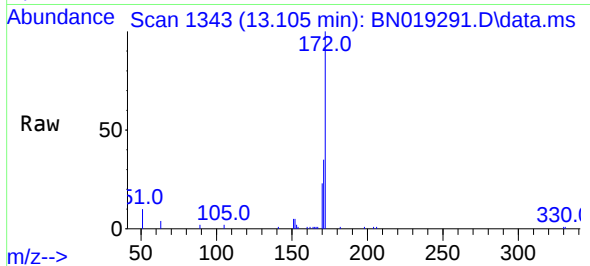
Tgt Ion:330 Resp: 873
Ion Ratio Lower Upper
330 100
332 92.3 76.8 115.2
141 44.0 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

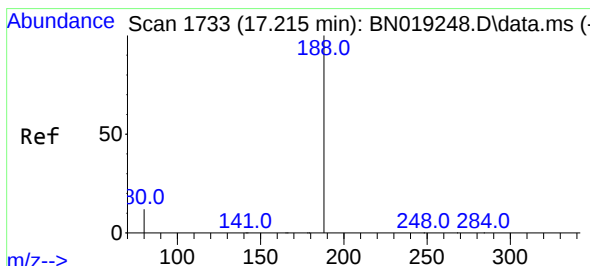
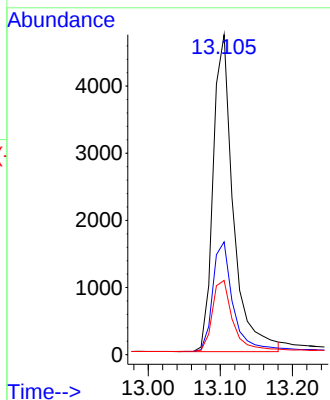
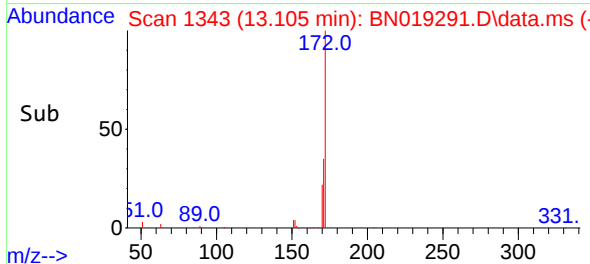
Instrument :
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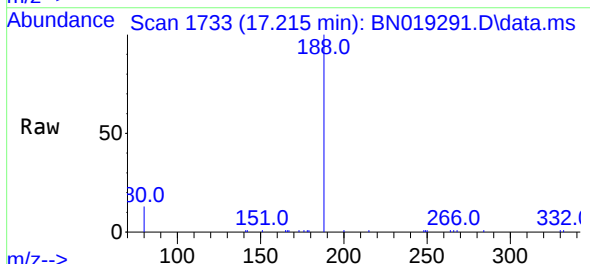
Tgt Ion:172 Resp: 9150
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.2 18.7 28.1

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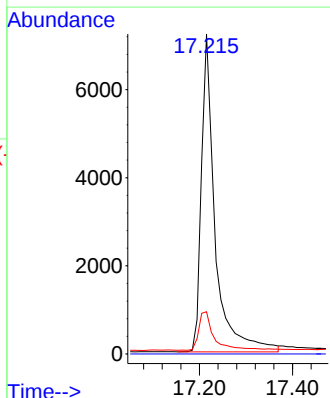
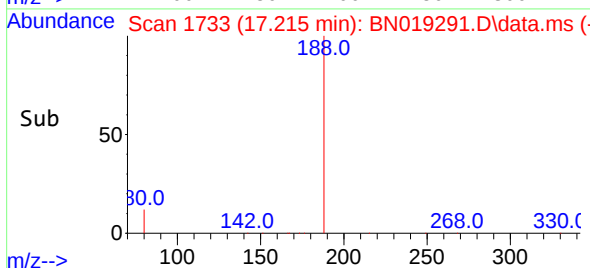
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

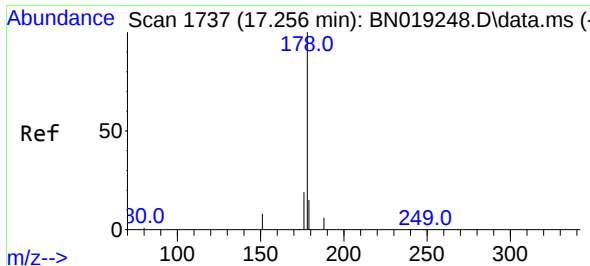


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19



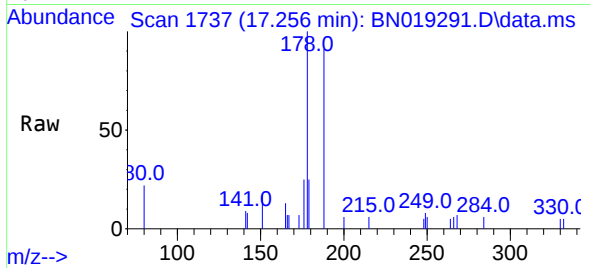
Tgt Ion:188 Resp: 14752
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 11.8 17.8





#25
Phenanthrene
Concen: 0.035 ng m
RT: 17.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

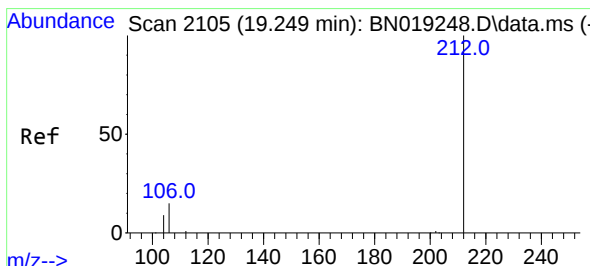
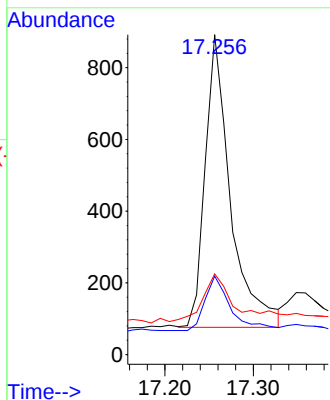
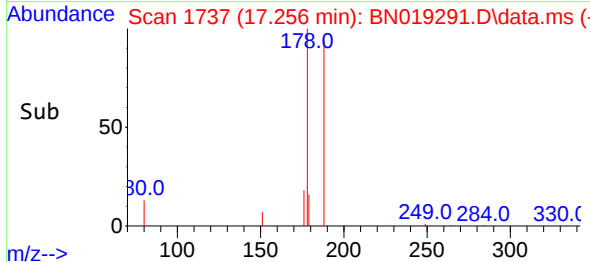
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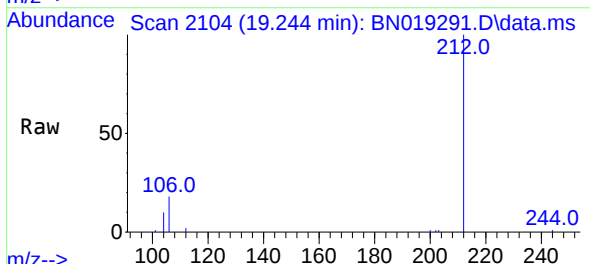
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Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 26.8 12.2 18.2

Manual Integrations
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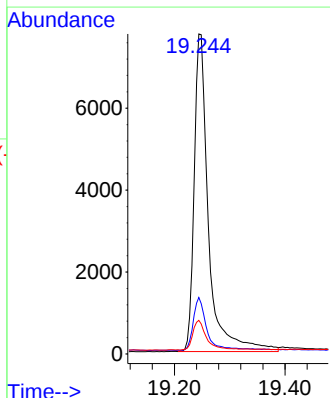
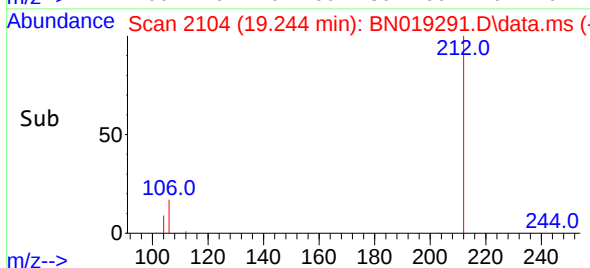
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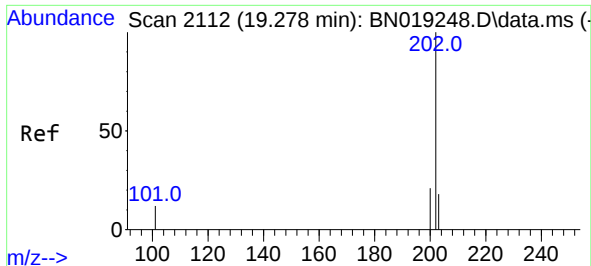


#27
Fluoranthene-d10
Concen: 0.314 ng
RT: 19.244 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19



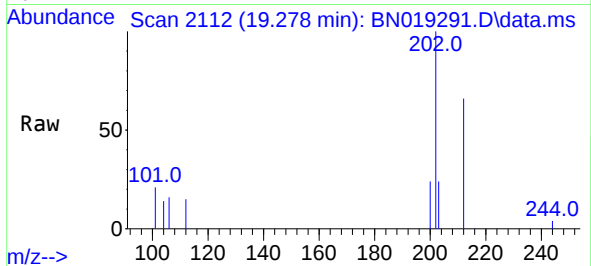
Tgt Ion:212 Resp: 13926
Ion Ratio Lower Upper
212 100
106 15.8 12.7 19.1
104 9.0 7.1 10.7





#28
Fluoranthene
Concen: 0.037 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

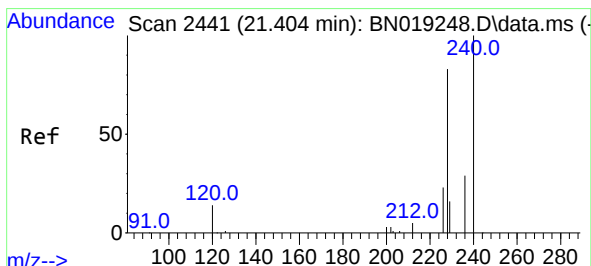
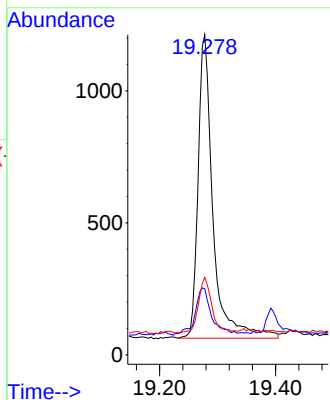
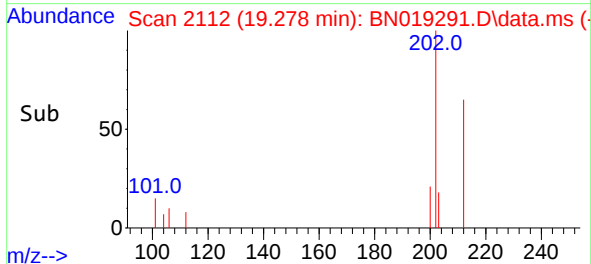
Instrument :
BNA_N
ClientSampleId :
A02145



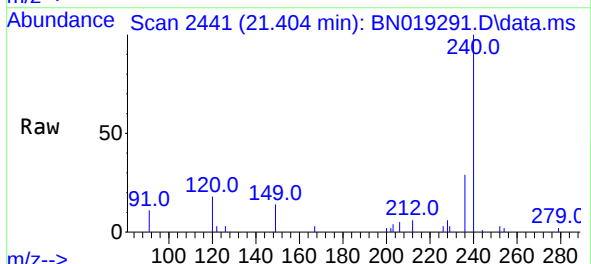
Tgt Ion:202 Resp: 2049
Ion Ratio Lower Upper
202 100
101 17.6 9.8 14.6
203 16.7 13.7 20.5

Manual Integrations
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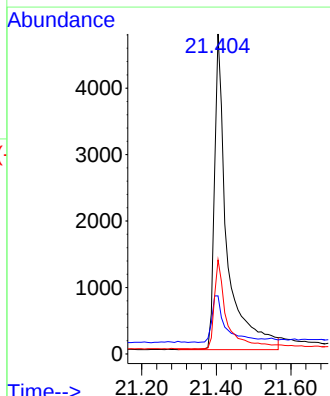
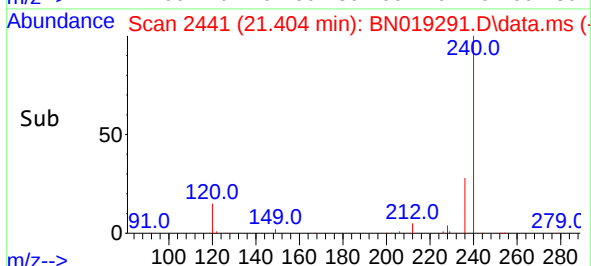
Reviewed By :Christian Giraldo 04/04/2022
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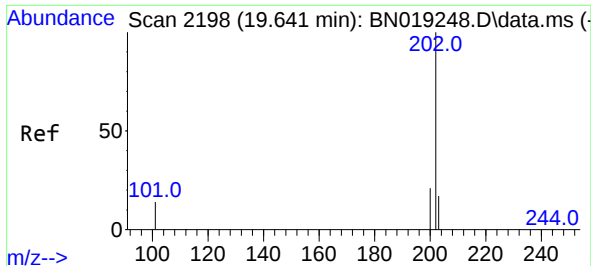


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19



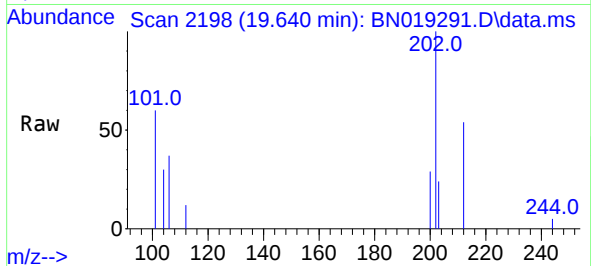
Tgt Ion:240 Resp: 11123
Ion Ratio Lower Upper
240 100
120 18.2 8.5 12.7
236 29.4 22.4 33.6





#30
Pyrene
Concen: 0.032 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

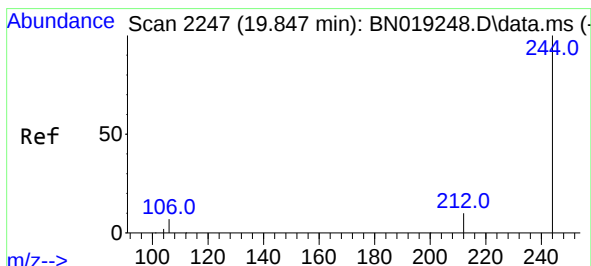
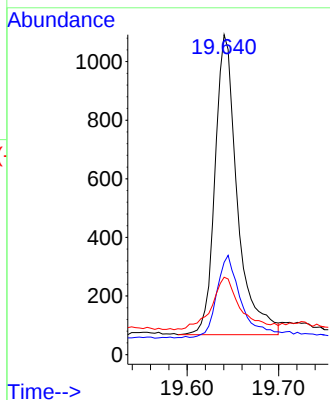
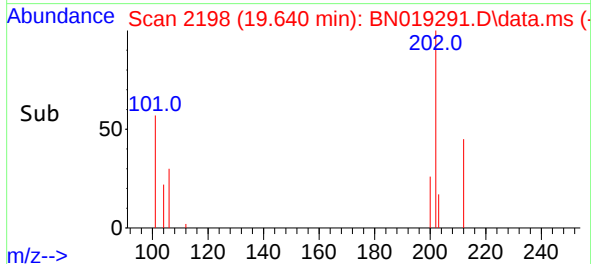
Instrument :
BNA_N
ClientSampleId :
A02145



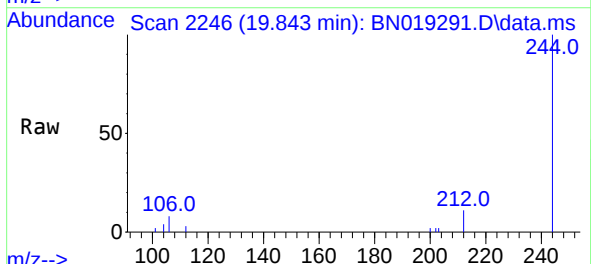
Tgt Ion:202 Resp: 1732
Ion Ratio Lower Upper
202 100
200 30.6 16.9 25.3
203 22.1 14.2 21.2

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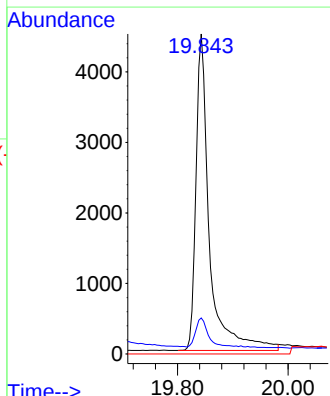
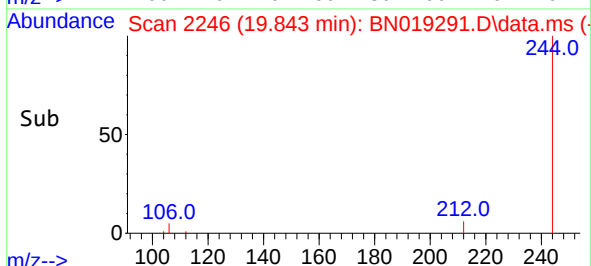
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

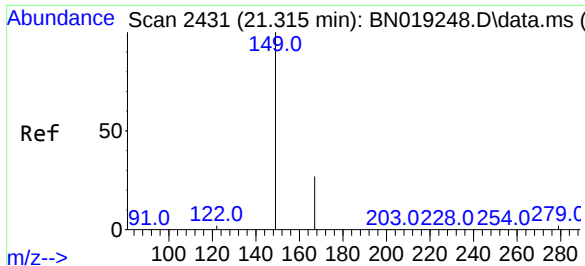


#31
Terphenyl-d14
Concen: 0.305 ng
RT: 19.843 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19



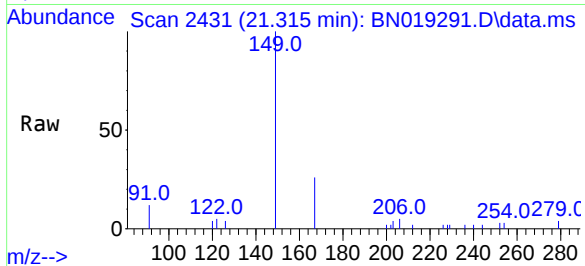
Tgt Ion:244 Resp: 7555
Ion Ratio Lower Upper
244 100
212 11.2 8.2 12.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.175 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

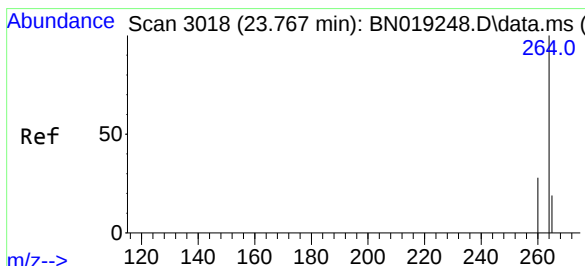
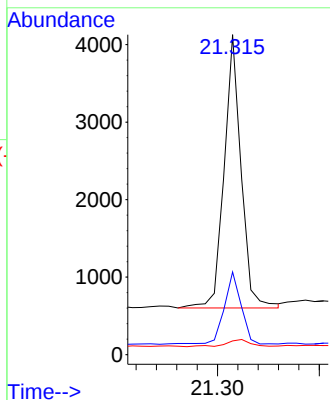
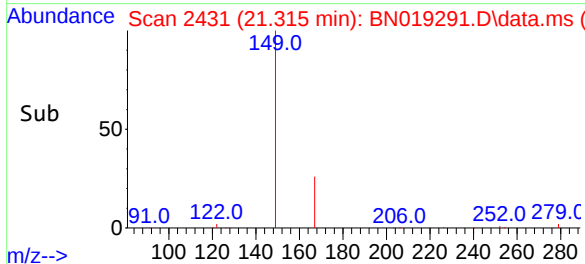
Instrument :
BNA_N
ClientSampleId :
A02145



Tgt Ion:149 Resp: 4077
Ion Ratio Lower Upper
149 100
167 26.5 21.8 32.8
279 3.6 2.0 3.0

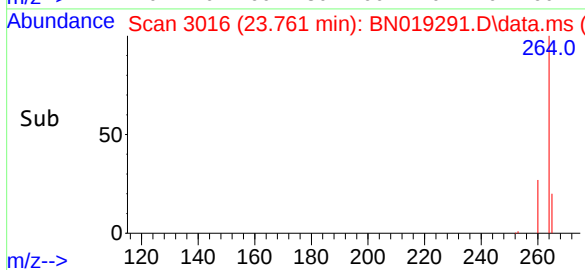
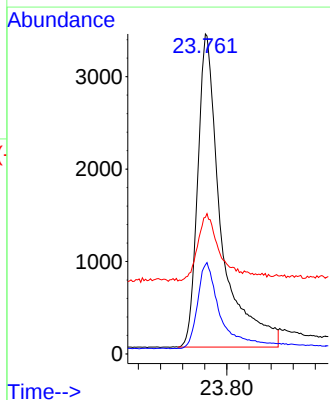
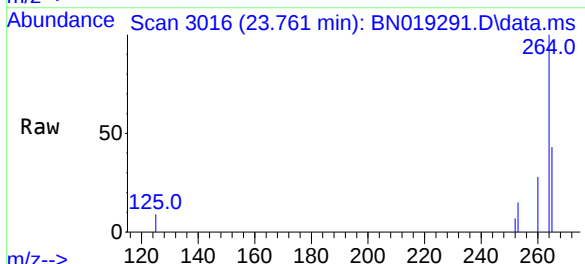
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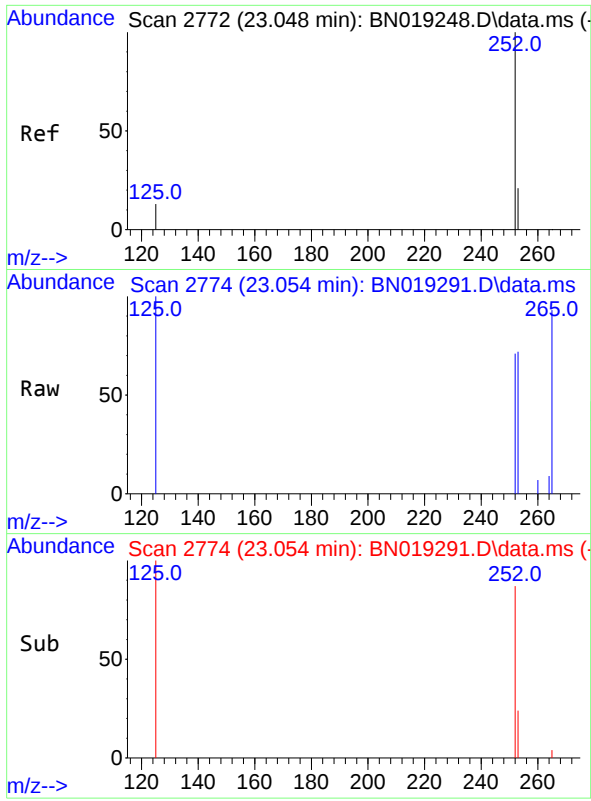
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.761 min Scan# 3016
Delta R.T. -0.006 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

Tgt Ion:264 Resp: 9988
Ion Ratio Lower Upper
264 100
260 27.8 22.4 33.6
265 42.7 25.3 37.9





#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 23.054 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN019291.D
Acq: 01 Apr 2022 17:19

Instrument :
BNA_N
ClientSampleId :
A02145

Tgt Ion:252 Resp: 1058
Ion Ratio Lower Upper
252 100
253 100.5 18.9 28.3
125 140.1 12.1 18.1

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

