

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019267.D
 Acq On : 01 Apr 2022 00:18
 Operator : CG/JU
 Sample : N2178-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW16251-20220329

Quant Time: Apr 01 04:46:51 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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/01/2022
 Supervised By :Jagrut Upadhyay 04/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	3760	0.400	ng	0.00
7) Naphthalene-d8	10.647	136	9822	0.400	ng	# 0.01
13) Acenaphthene-d10	14.474	164	6205	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	12817	0.400	ng	0.00
29) Chrysene-d12	21.404	240	10284	0.400	ng	# 0.00
35) Perylene-d12	23.767	264	8938	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1001	0.122	ng	0.00
5) Phenol-d6	7.002	99	591	0.068	ng	0.00
8) Nitrobenzene-d5	9.014	82	1563m	0.222	ng	0.02
11) 2-Methylnaphthalene-d10	12.238	152	4832	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	809	0.279	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	6968	0.280	ng	0.00
27) Fluoranthene-d10	19.248	212	17196	0.447	ng	0.00
31) Terphenyl-d14	19.843	244	10652	0.466	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.225	88	1712	0.342	ng	# 76
25) Phenanthrene	17.256	178	1548	0.038	ng	# 94
28) Fluoranthene	19.278	202	964	0.020	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.315	149	3458	0.161	ng	# 100

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

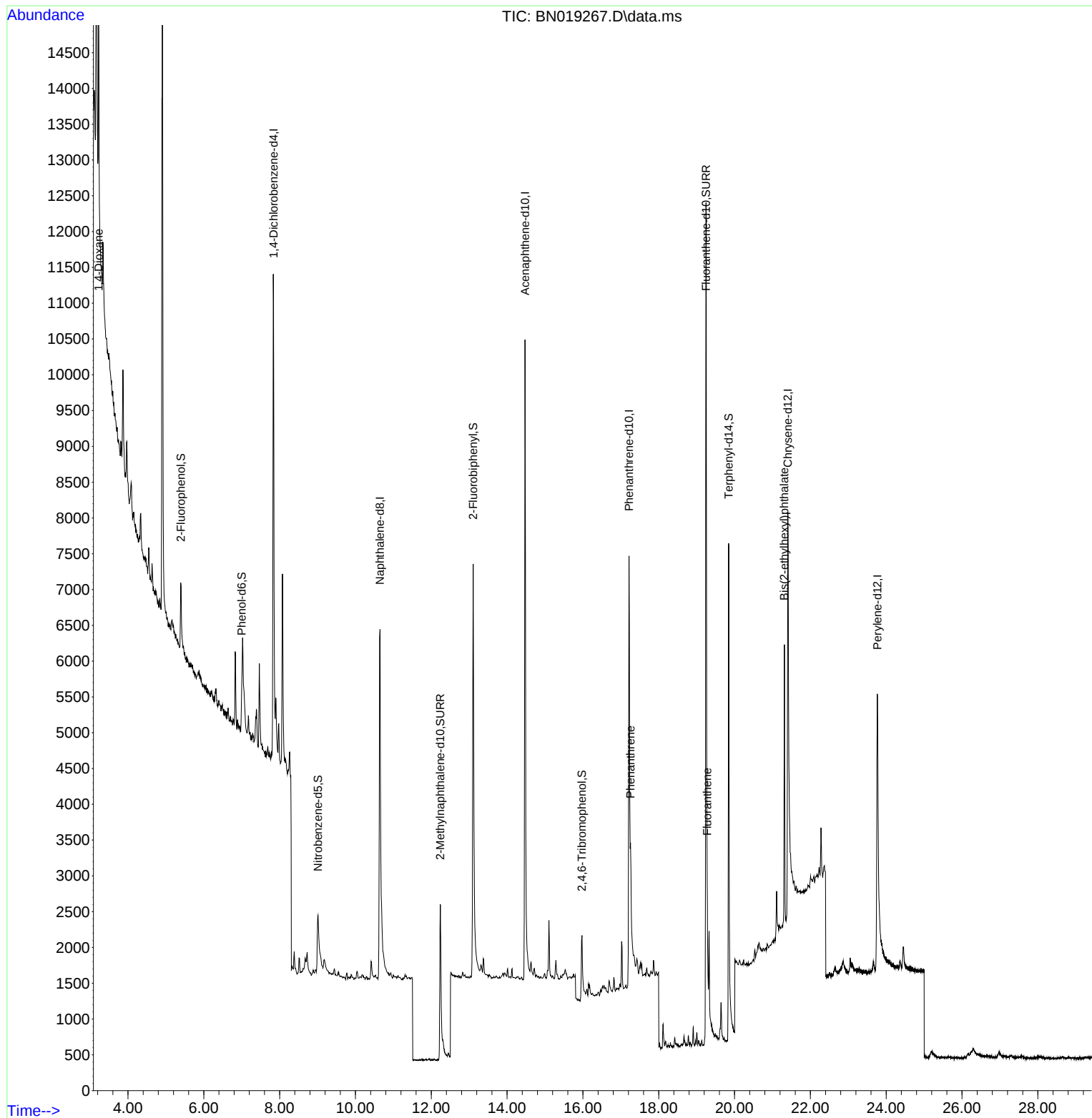
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019267.D
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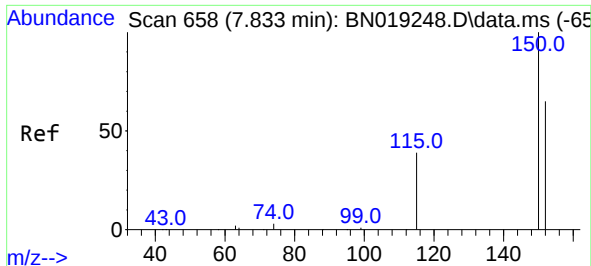
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
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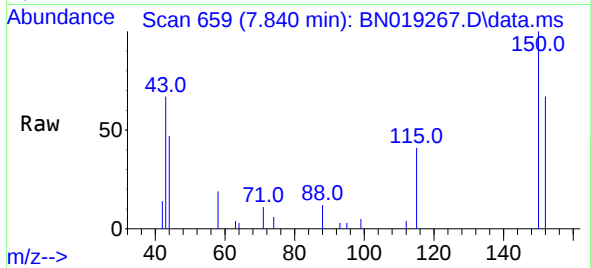
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

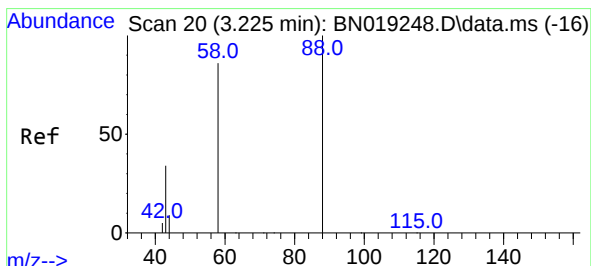
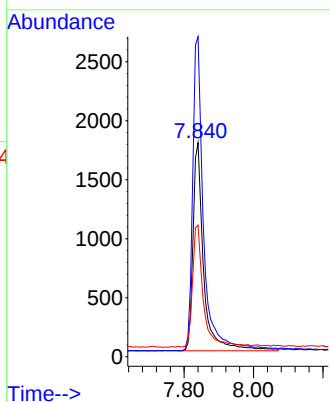
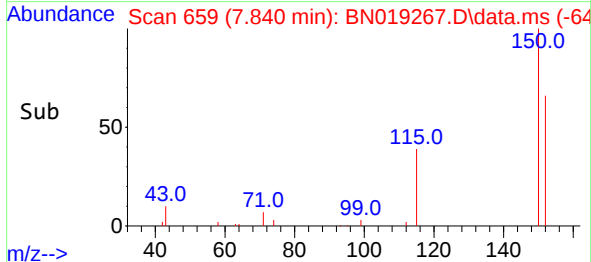
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW16251-20220329



Tgt Ion:152 Resp: 3760
Ion Ratio Lower Upper
152 100
150 149.6 123.9 185.9
115 61.5 48.2 72.4

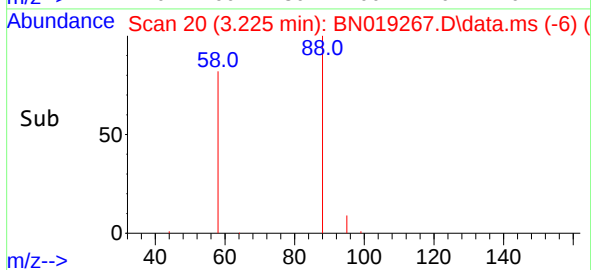
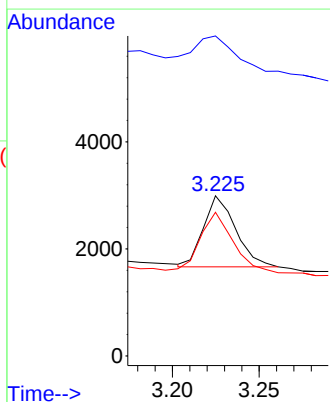
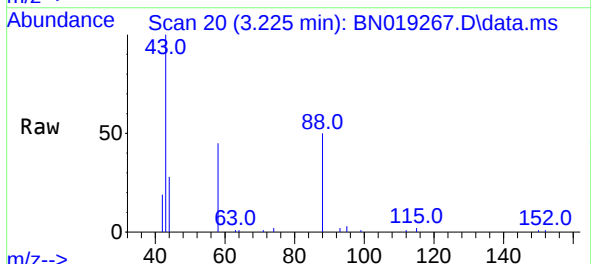
Manual Integrations
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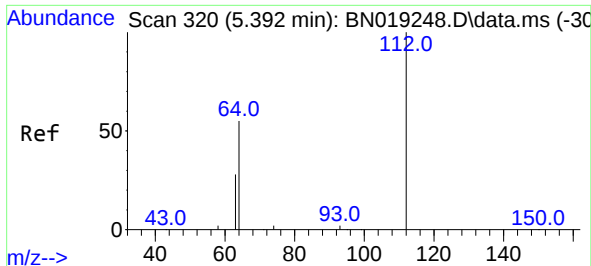
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#2
1,4-Dioxane
Concen: 0.342 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

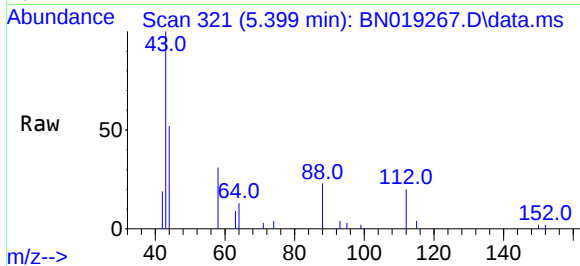
Tgt Ion: 88 Resp: 1712
Ion Ratio Lower Upper
88 100
43 68.4 24.6 37.0#
58 88.3 65.4 98.2





#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

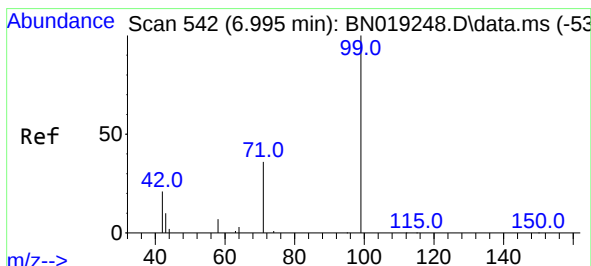
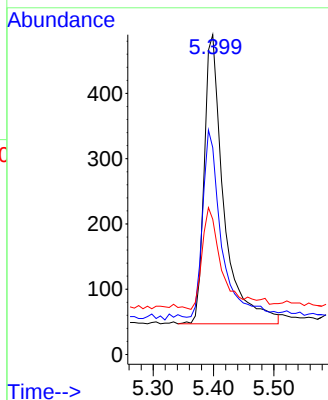
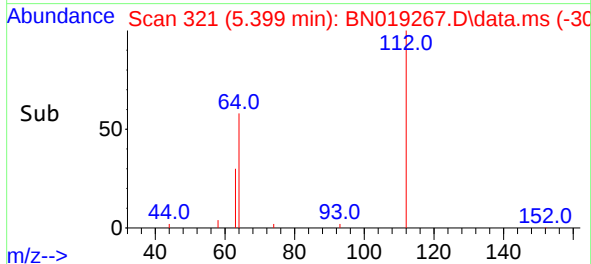
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW16251-20220329



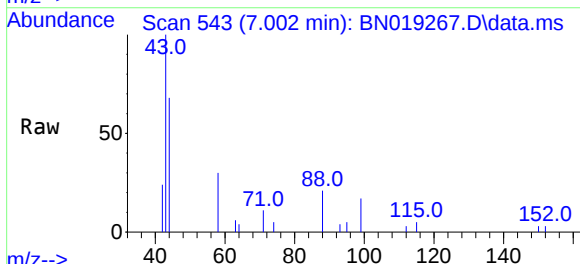
Tgt Ion: 112 Resp: 100
Ion Ratio Lower Upper
112 100
64 63.5 47.8 71.8
63 37.4 25.7 38.5

Manual Integrations
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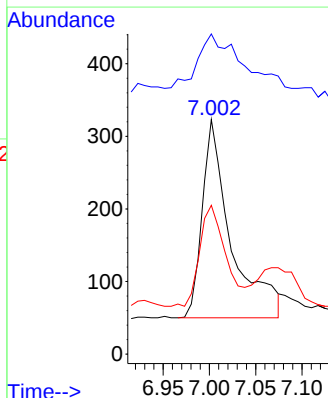
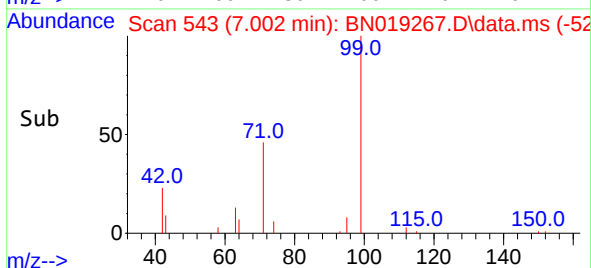
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

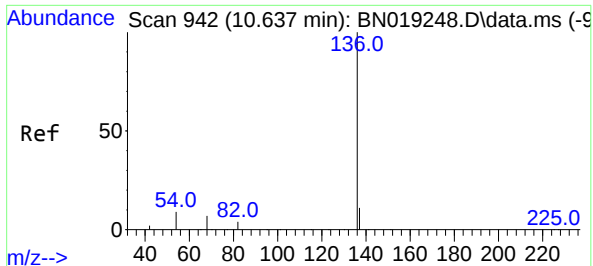


#5
Phenol-d6
Concen: 0.068 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18



Tgt Ion: 99 Resp: 591
Ion Ratio Lower Upper
99 100
42 40.8 16.2 24.4#
71 46.0 27.7 41.5#





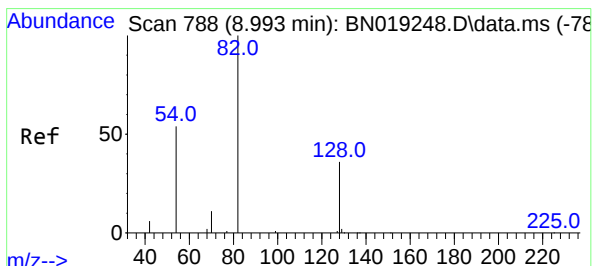
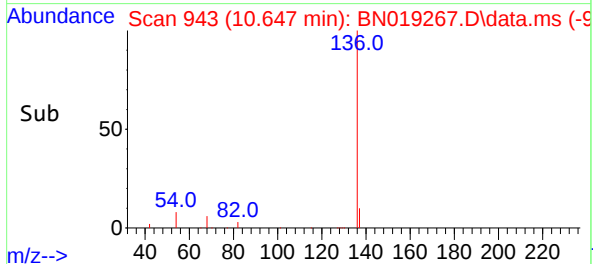
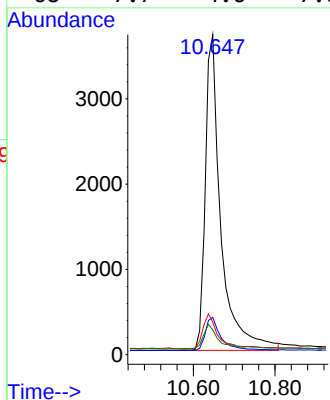
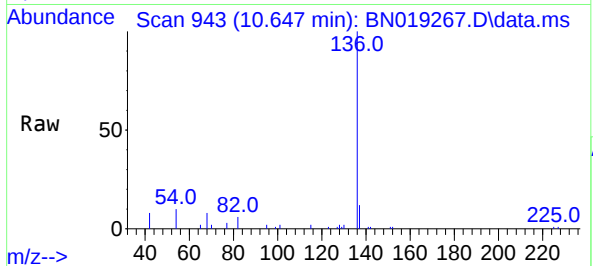
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 942
Delta R.T. 0.011 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW16251-20220329

Tgt Ion:	136	Resp:	982
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	10.2	5.8	8.6
68	7.7	4.6	7.0

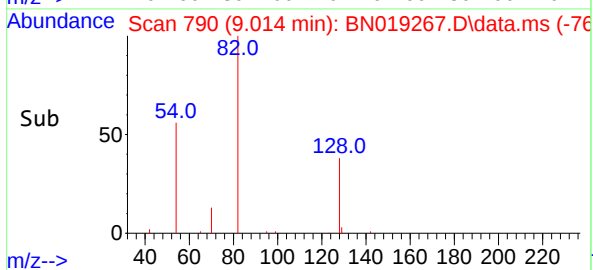
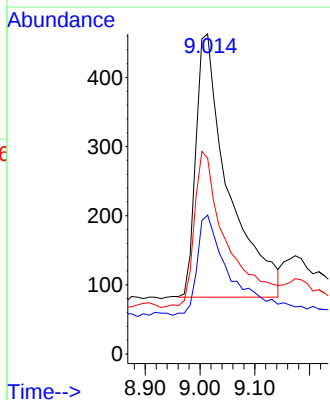
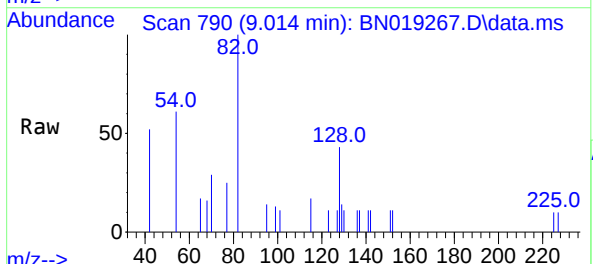
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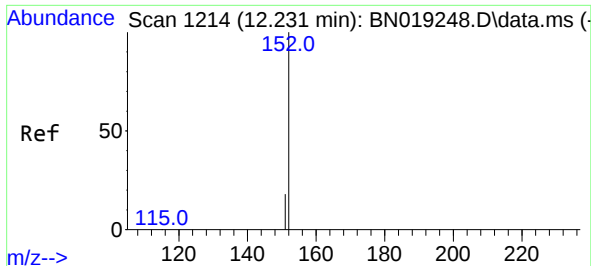
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Supervised By :Jagrut Upadhyay 04/01/2022



#8
Nitrobenzene-d5
Concen: 0.222 ng m
RT: 9.014 min Scan# 790
Delta R.T. 0.021 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

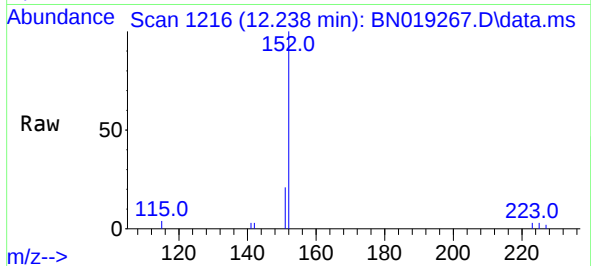
Tgt Ion:	82	Resp:	1563
Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.0	49.6
54	61.1	42.5	63.7





#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.238 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

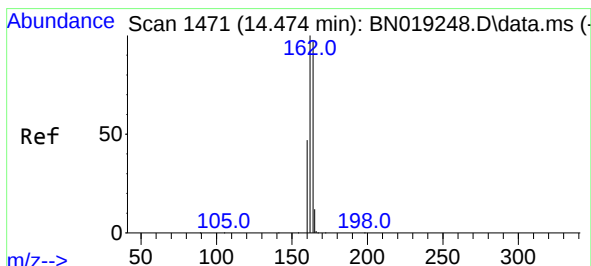
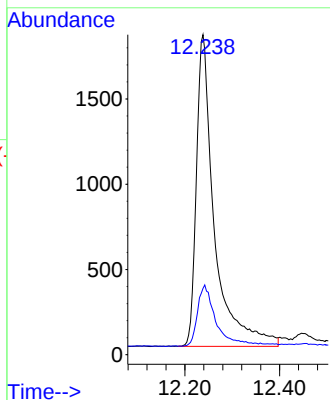
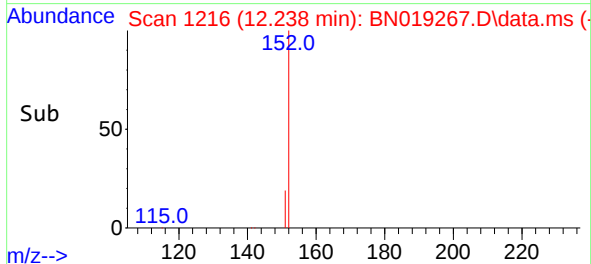
Instrument :
BNA_N
ClientSampleId :
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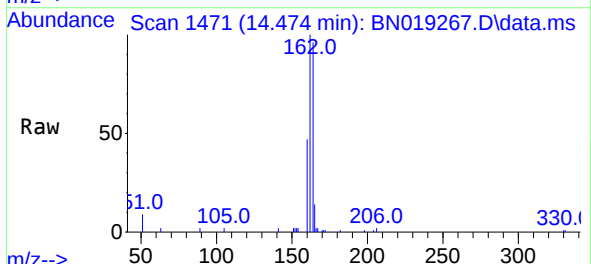
Tgt Ion:152 Resp: 483
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7

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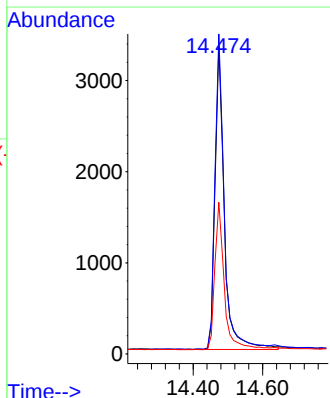
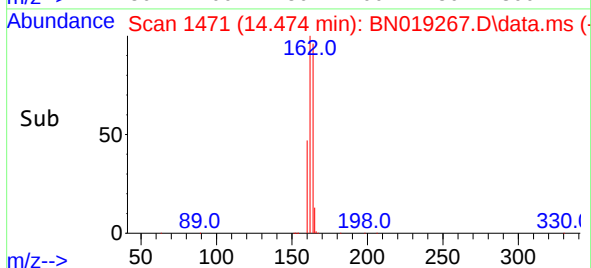
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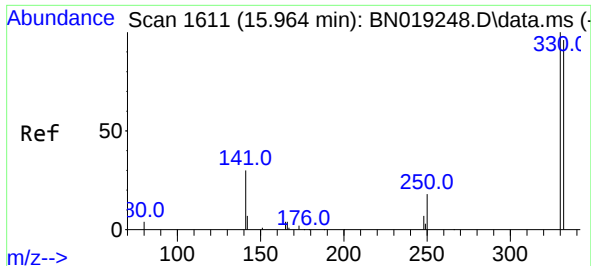


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18



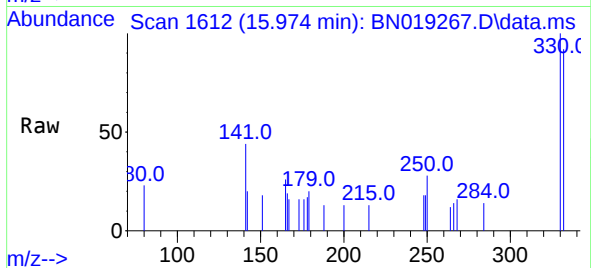
Tgt Ion:164 Resp: 6205
Ion Ratio Lower Upper
164 100
162 104.0 85.2 127.8
160 49.3 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.010 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

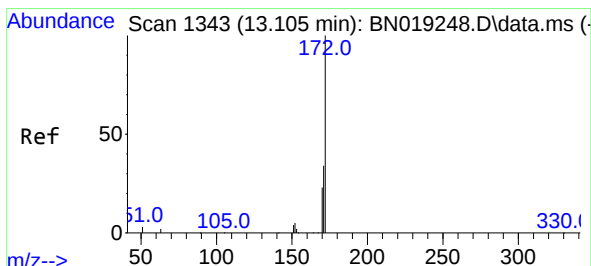
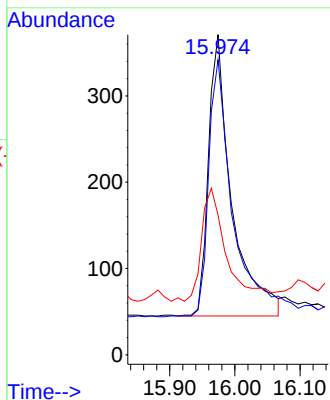
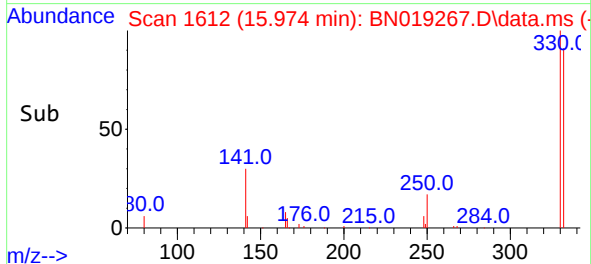
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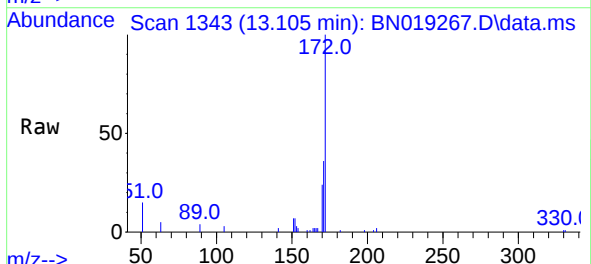
Tgt Ion:330 Resp: 809
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 43.4 32.2 48.2

Manual Integrations
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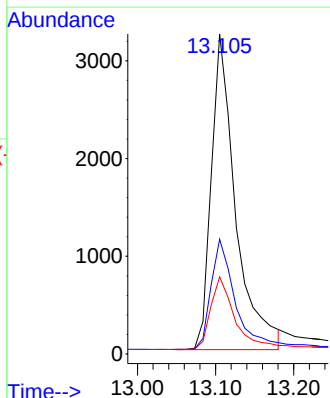
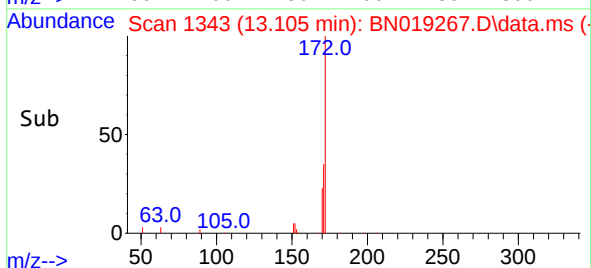
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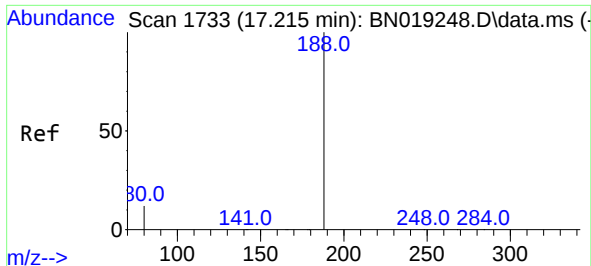


#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18



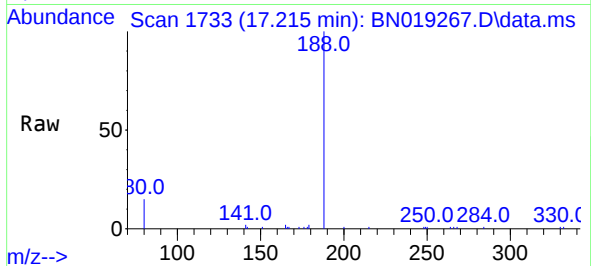
Tgt Ion:172 Resp: 6968
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.1 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

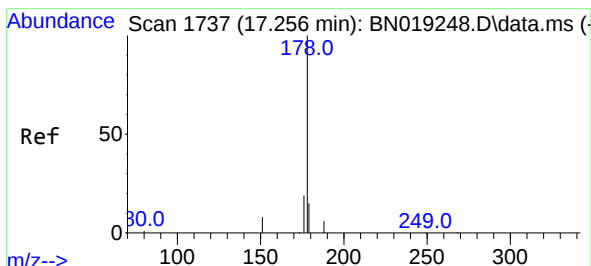
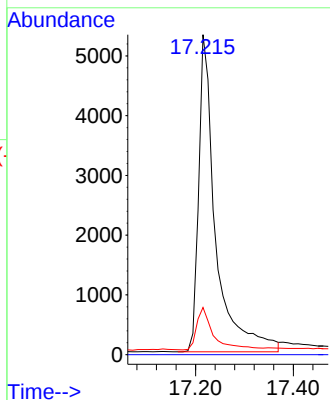
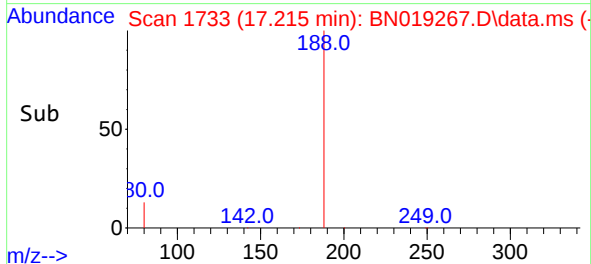
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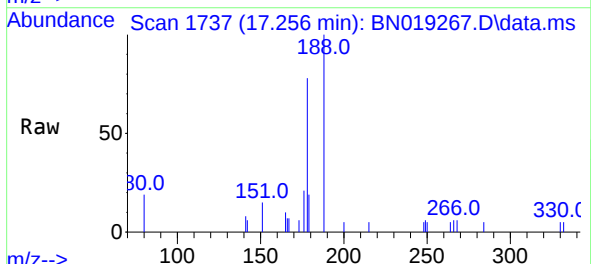
Tgt Ion:188 Resp: 1281
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 11.8 17.8

Manual Integrations
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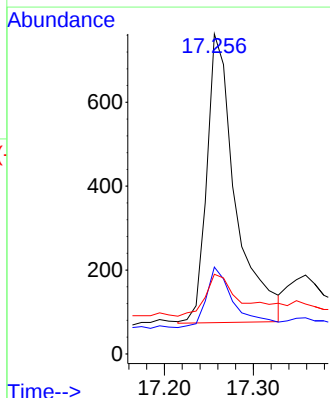
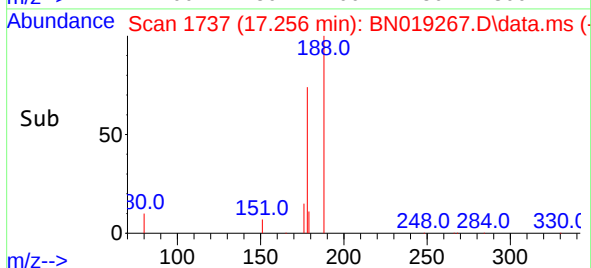
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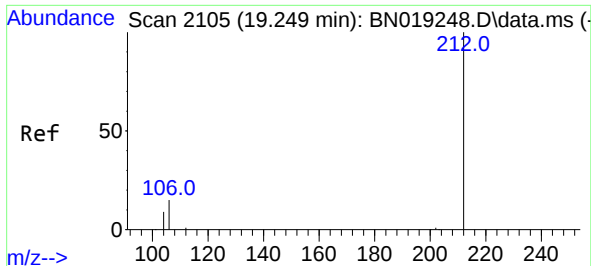


#25
Phenanthrene
Concen: 0.038 ng
RT: 17.256 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18



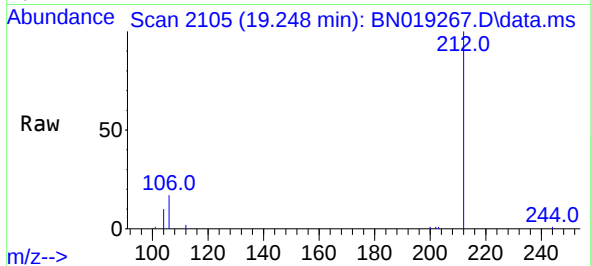
Tgt Ion:178 Resp: 1548
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.0
179 19.6 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.248 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

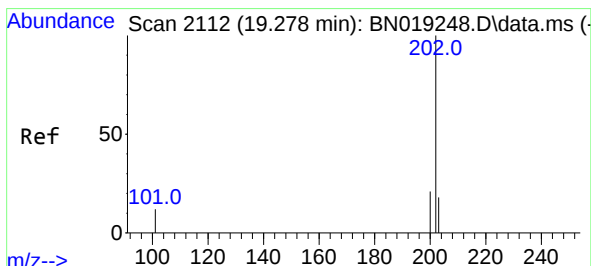
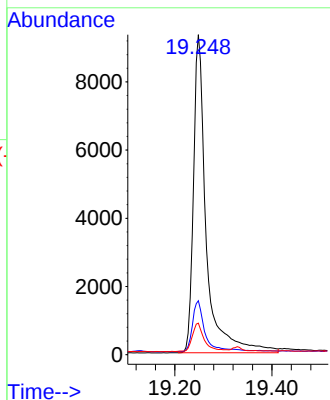
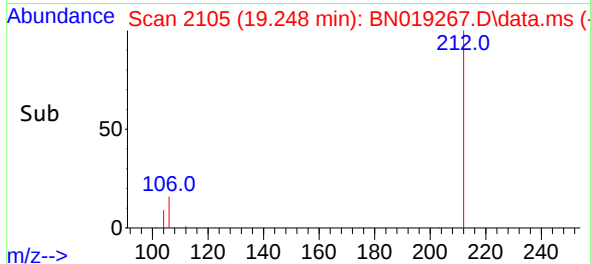
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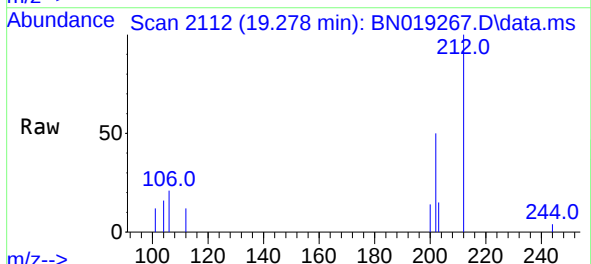
Tgt Ion:212 Resp: 17190
Ion Ratio Lower Upper
212 100
106 15.8 12.7 19.1
104 8.6 7.1 10.7

Manual Integrations
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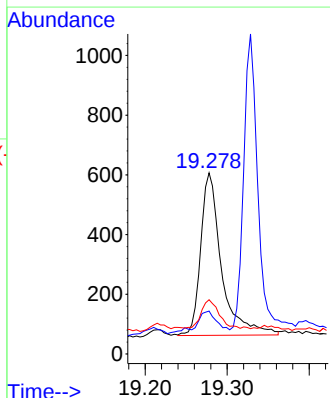
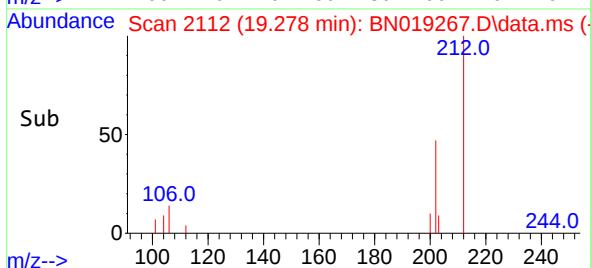
Reviewed By :Christian Giraldo 04/01/2022
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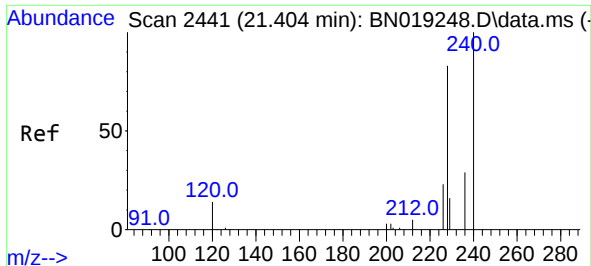


#28
Fluoranthene
Concen: 0.020 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18



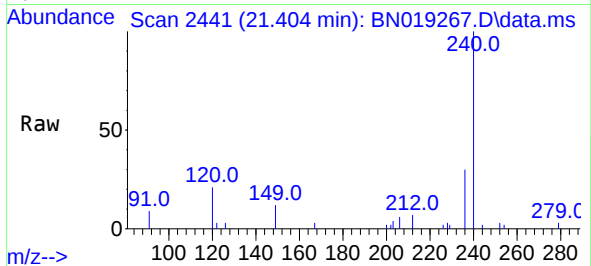
Tgt Ion:202 Resp: 964
Ion Ratio Lower Upper
202 100
101 8.7 9.8 14.6#
203 15.2 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

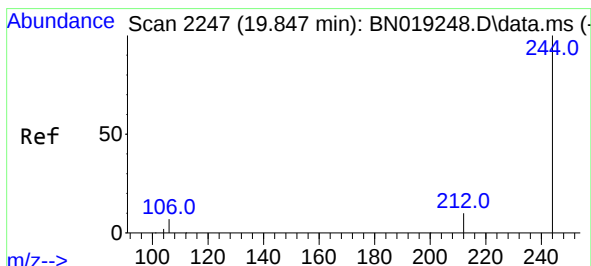
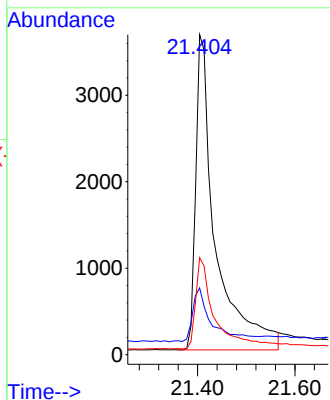
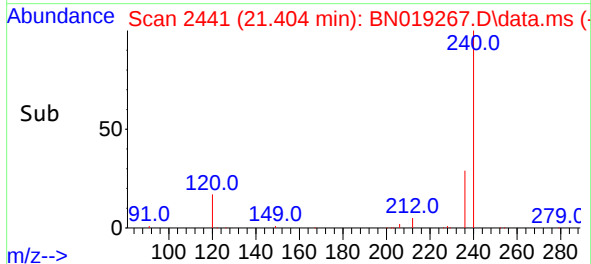
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW16251-20220329



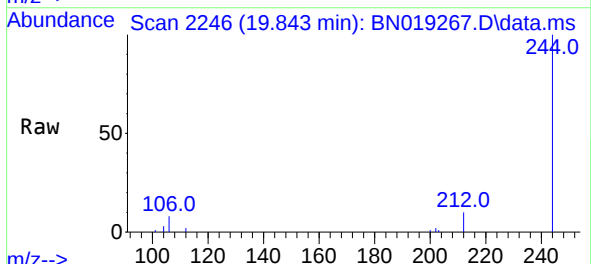
Tgt Ion:240 Resp: 10284
Ion Ratio Lower Upper
240 100
120 20.8 8.5 12.7
236 30.3 22.4 33.6

Manual Integrations
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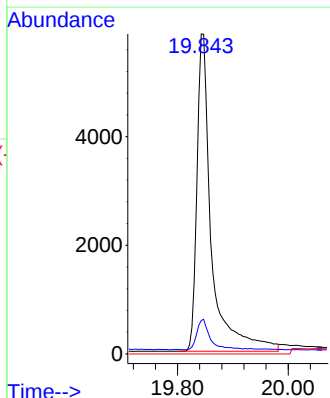
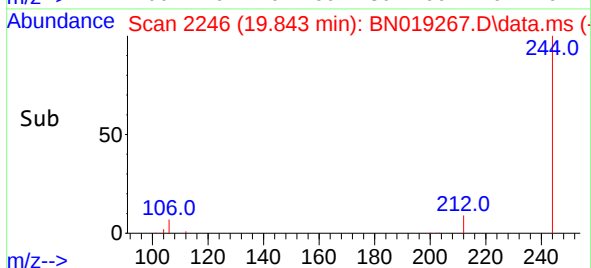
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

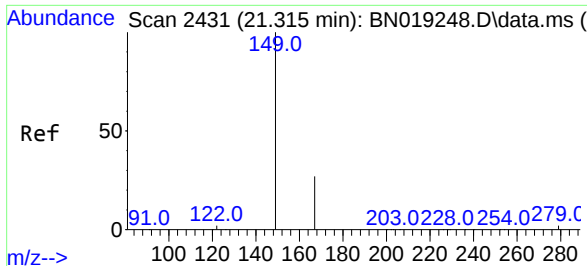


#31
Terphenyl-d14
Concen: 0.466 ng
RT: 19.843 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18



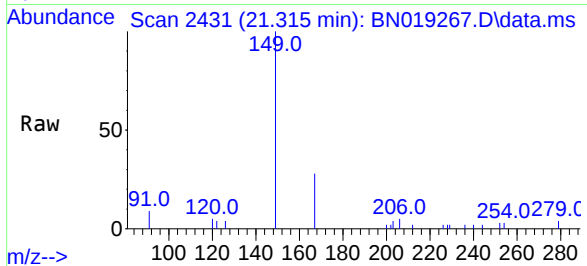
Tgt Ion:244 Resp: 10652
Ion Ratio Lower Upper
244 100
212 10.5 8.2 12.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.161 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

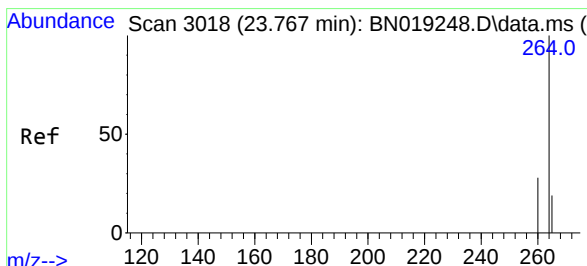
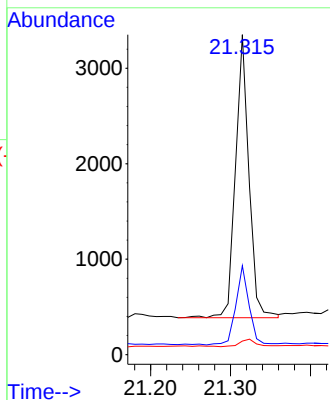
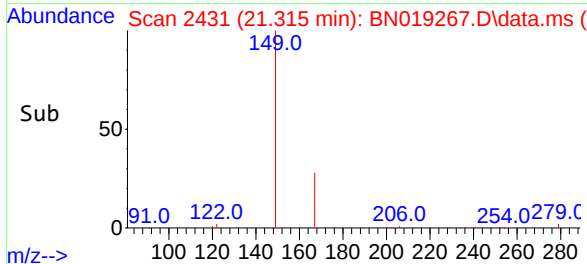
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW16251-20220329



Tgt Ion:149 Resp: 3458
Ion Ratio Lower Upper
149 100
167 27.4 21.8 32.8
279 3.2 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.767 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BN019267.D
Acq: 01 Apr 2022 00:18

Tgt Ion:264 Resp: 8938
Ion Ratio Lower Upper
264 100
260 29.4 22.4 33.6
265 48.3 25.3 37.9

