

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019059.D
 Acq On : 22 Mar 2022 16:32
 Operator : CG/JU
 Sample : N2041-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220316

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

Quant Time: Mar 23 04:50:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3782	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9967	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6030	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	12391	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	10726	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	9187	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1212	0.143	ng	0.00
5) Phenol-d6	7.017	99	799m	0.090	ng	0.00
8) Nitrobenzene-d5	9.014	82	2192	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	5110	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	881	0.303	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	8197	0.339	ng	-0.01
27) Fluoranthene-d10	19.261	212	14083	0.383	ng	0.00
31) Terphenyl-d14	19.860	244	13630	0.517	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	30717	6.572	ng	97
25) Phenanthrene	17.277	178	909	0.023	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.333	149	9255	0.422	ng	96

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

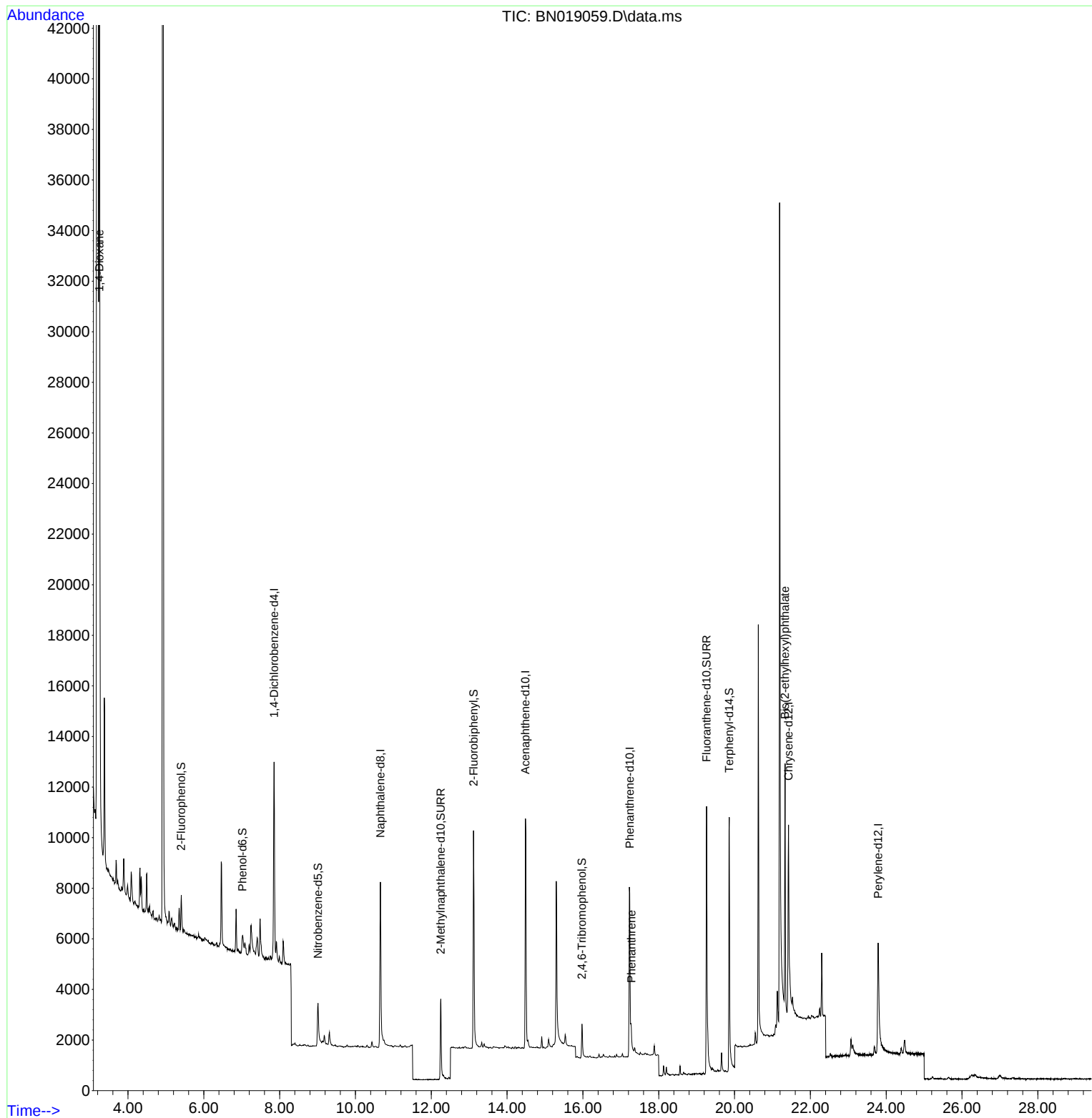
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019059.D
Acq On : 22 Mar 2022 16:32
Operator : CG/JU
Sample : N2041-02
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ALS Vial : 8 Sample Multiplier: 1

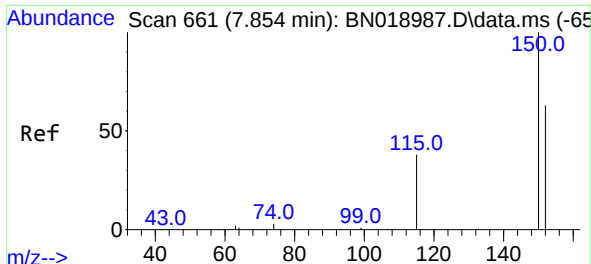
Instrument :
BNA_N
ClientSampleId :
RE120D1-20220316

Quant Time: Mar 23 04:50:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
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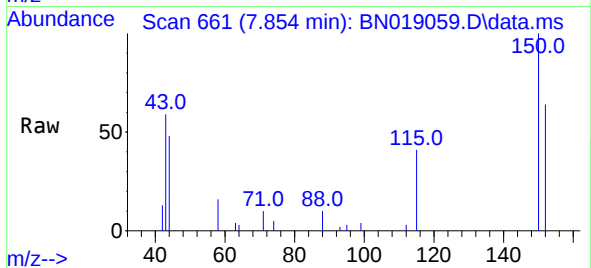
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

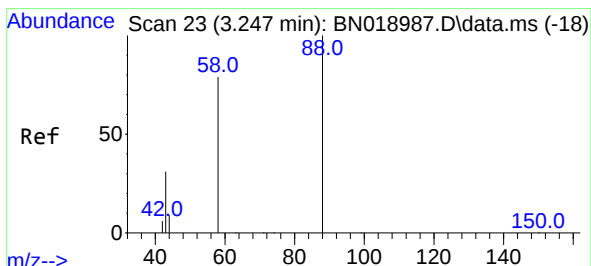
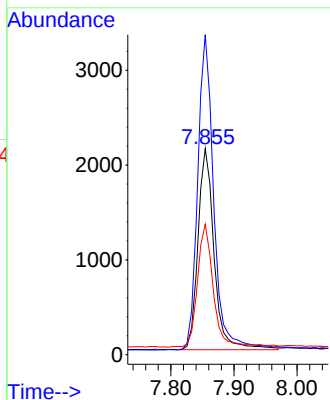
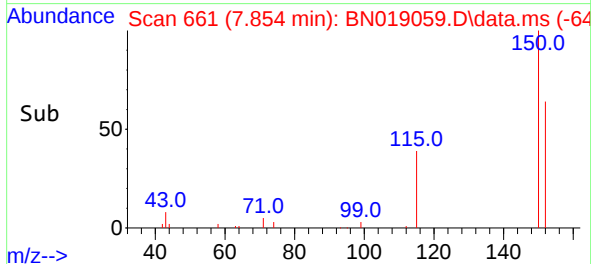
Instrument :
BNA_N
ClientSampleId :
RE120D1-20220316



Tgt Ion:152 Resp: 3782
Ion Ratio Lower Upper
152 100
150 155.2 123.9 185.9
115 63.4 48.2 72.4

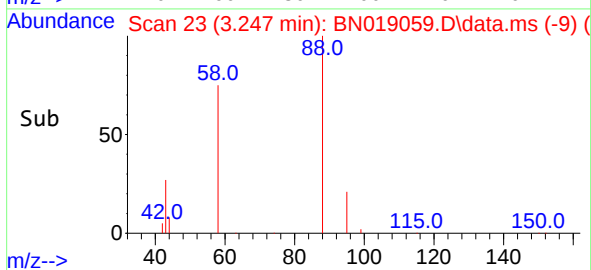
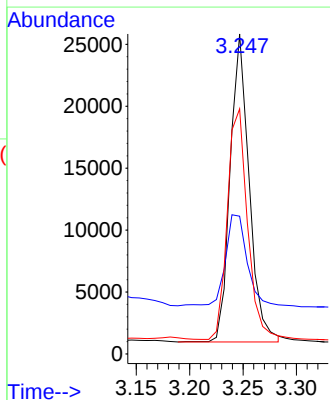
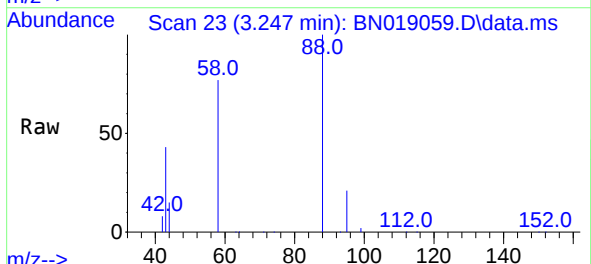
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#2
1,4-Dioxane
Concen: 6.572 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

Tgt Ion: 88 Resp: 30717
Ion Ratio Lower Upper
88 100
43 33.3 24.6 37.0
58 79.3 65.4 98.2





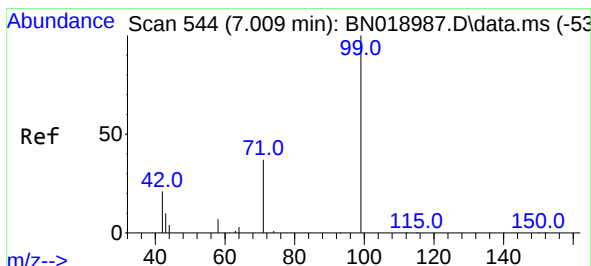
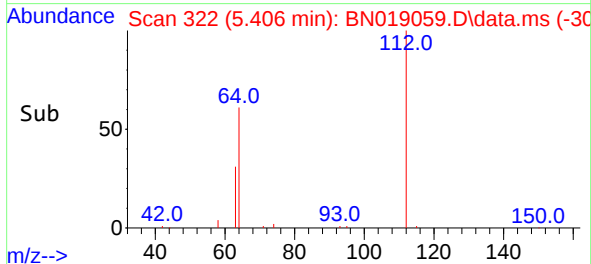
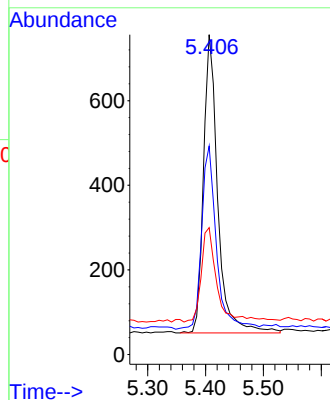
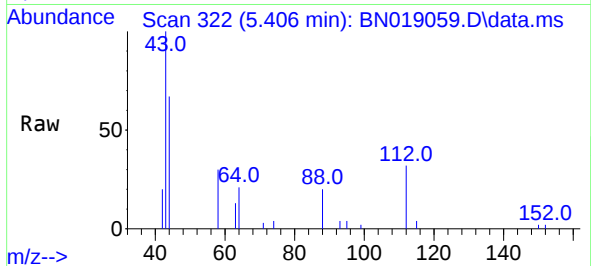
#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

Instrument :
BNA_N
ClientSampleId :
RE120D1-20220316

Tgt Ion: 112 Resp: 121
Ion Ratio Lower Upper
112 100
64 63.6 47.8 71.8
63 35.0 25.7 38.5

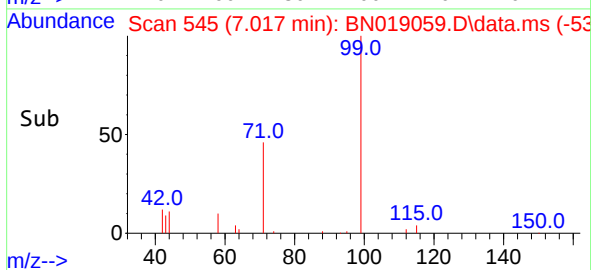
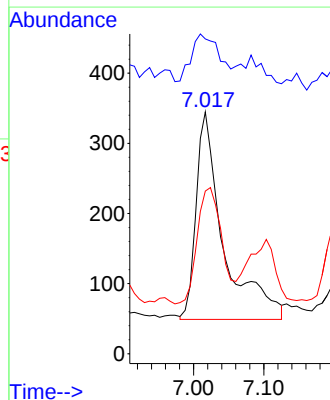
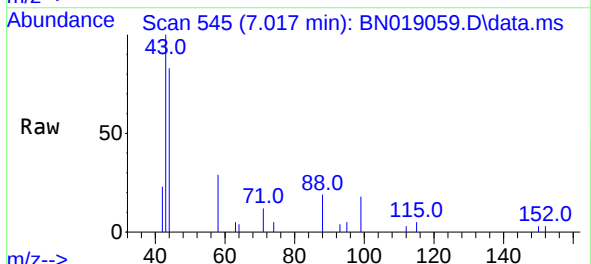
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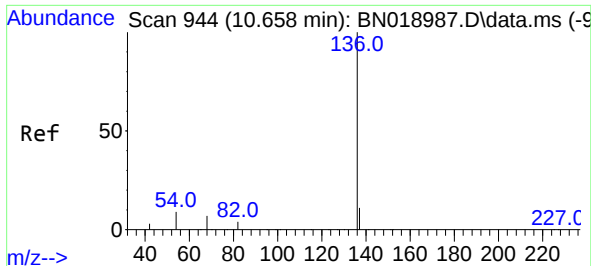
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#5
Phenol-d6
Concen: 0.090 ng m
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

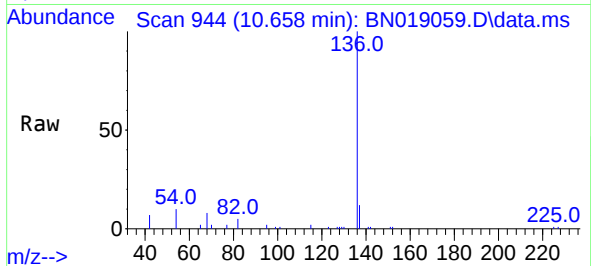
Tgt Ion: 99 Resp: 799
Ion Ratio Lower Upper
99 100
42 23.0 16.2 24.4
71 50.8 27.7 41.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

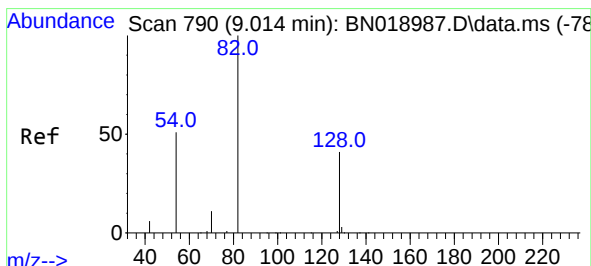
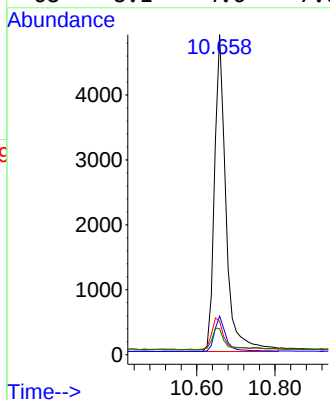
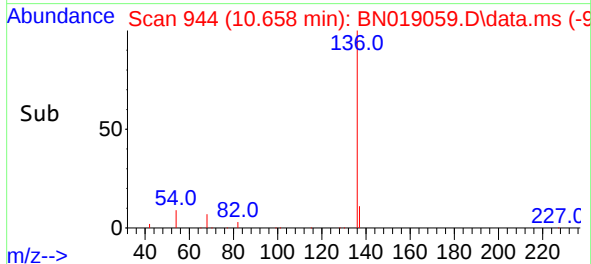
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	136	Resp:	996
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.4
54	10.4	5.8	8.6
68	8.1	4.6	7.0

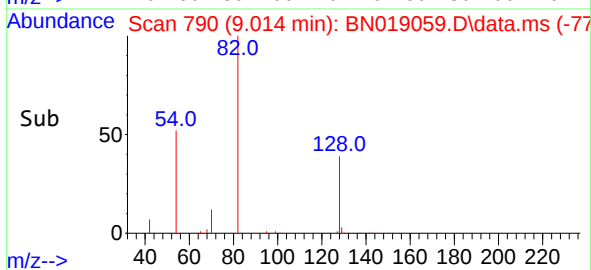
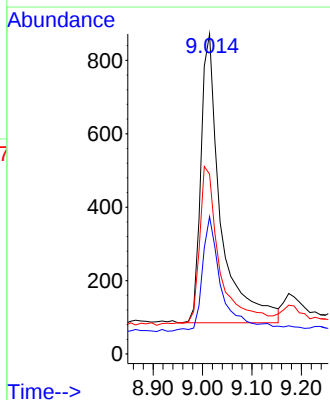
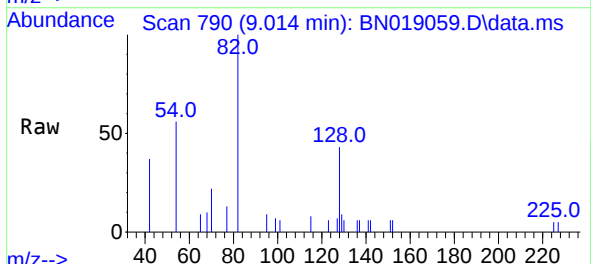
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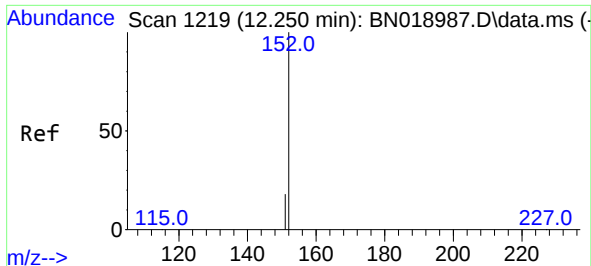
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

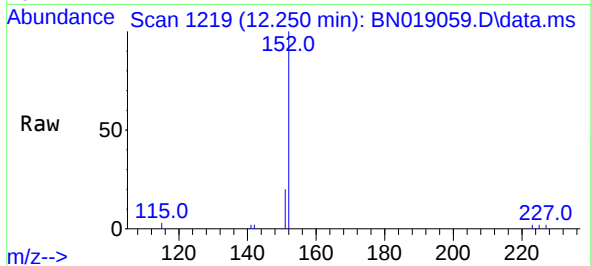
Tgt Ion:	82	Resp:	2192
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.0	49.6
54	56.2	42.5	63.7





#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

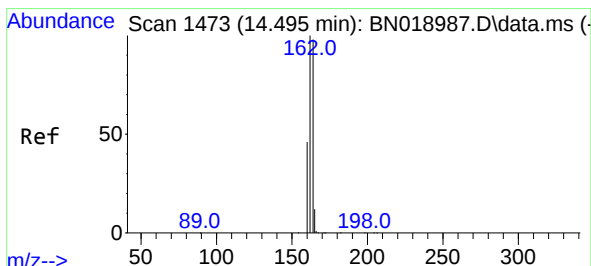
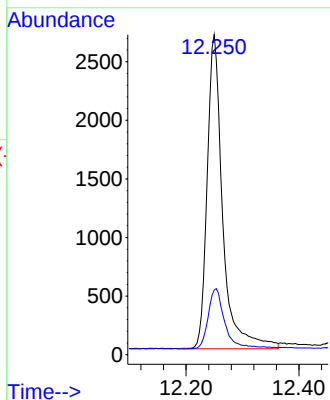
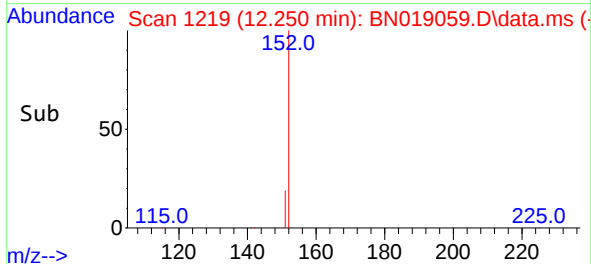
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ClientSampleId :
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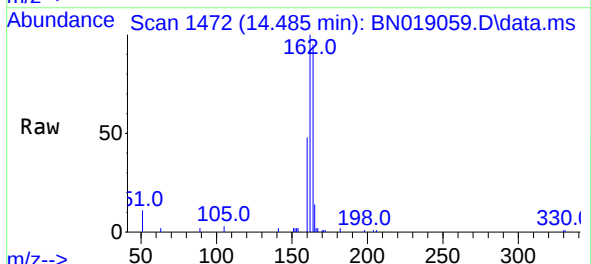
Tgt Ion:152 Resp: 5110
Ion Ratio Lower Upper
152 100
151 21.1 16.5 24.7

Manual Integrations
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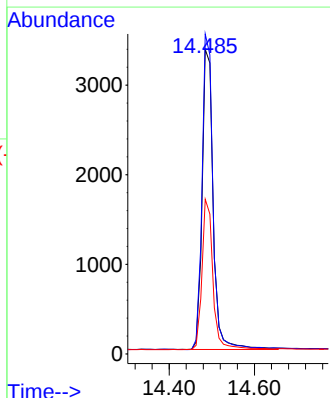
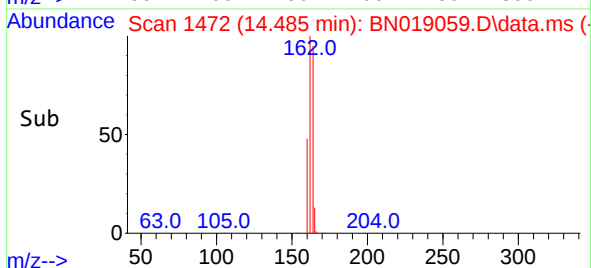
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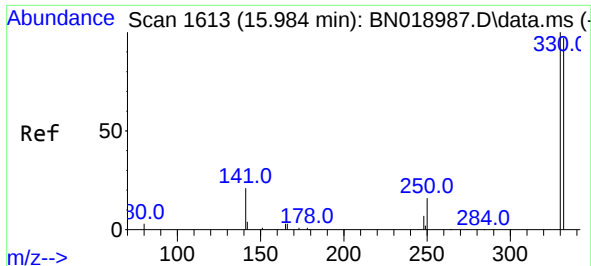


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32



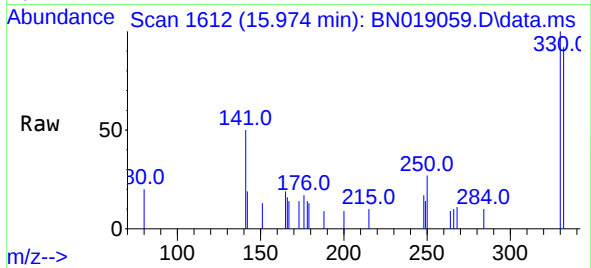
Tgt Ion:164 Resp: 6030
Ion Ratio Lower Upper
164 100
162 105.1 85.2 127.8
160 50.8 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

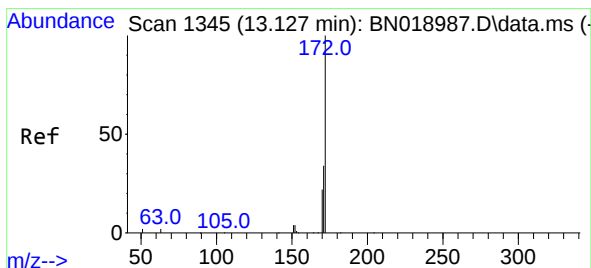
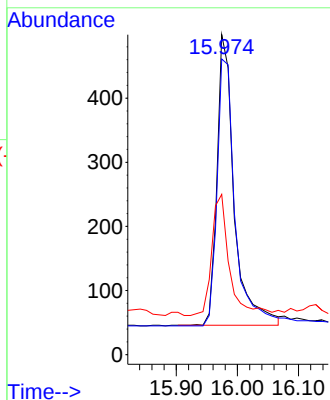
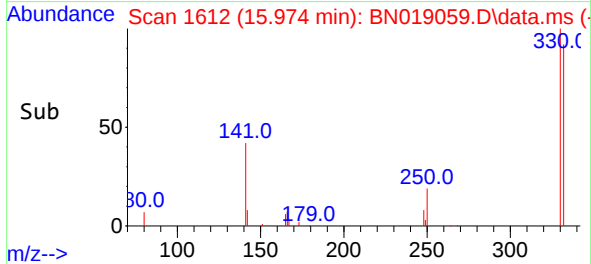
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ClientSampleId :
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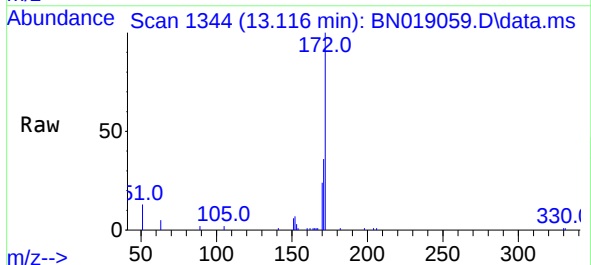
Tgt Ion:330 Resp: 88
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 42.7 32.2 48.2

Manual Integrations
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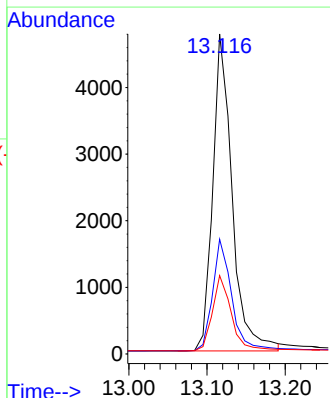
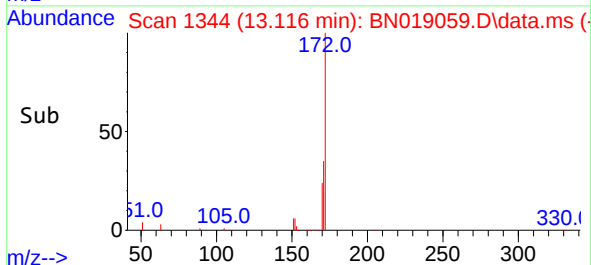
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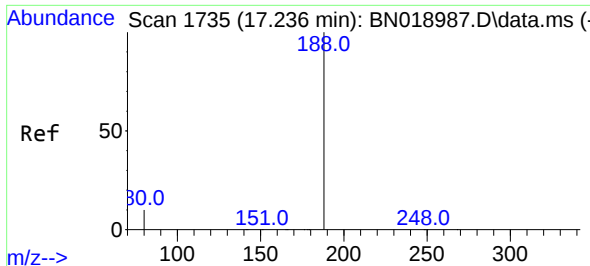


#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32



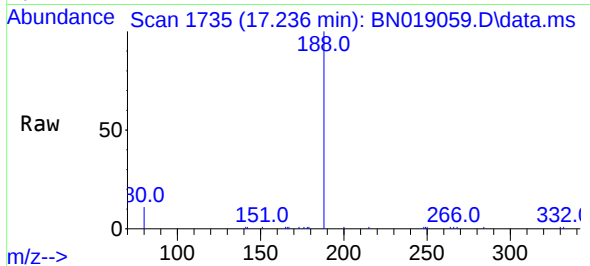
Tgt Ion:172 Resp: 8197
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.5 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

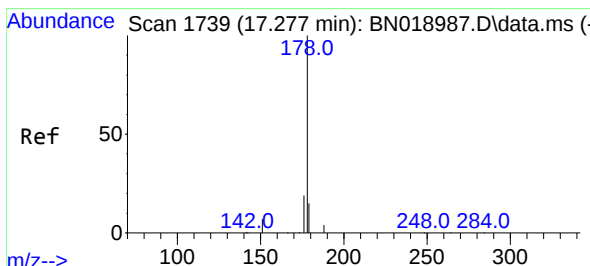
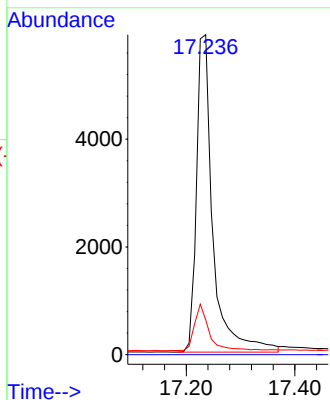
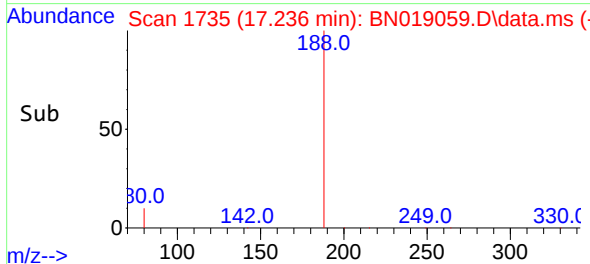
Instrument :
BNA_N
ClientSampleId :
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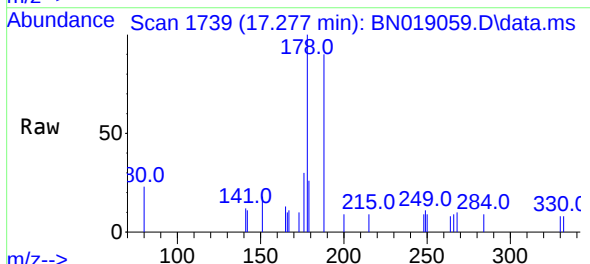
Tgt Ion:188 Resp: 1239
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 11.8 17.8

Manual Integrations
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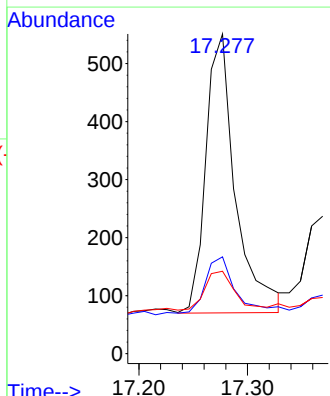
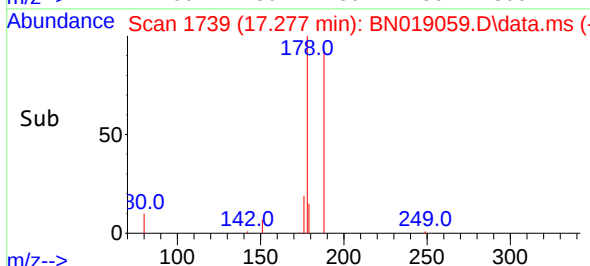
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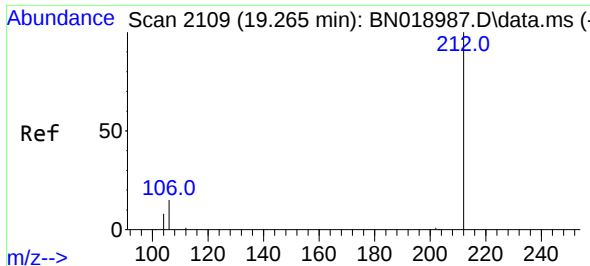


#25
Phenanthrene
Concen: 0.023 ng
RT: 17.277 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32



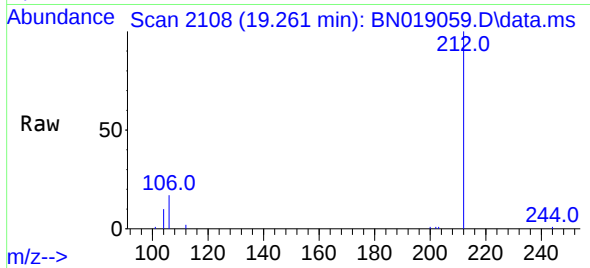
Tgt Ion:178 Resp: 909
Ion Ratio Lower Upper
178 100
176 23.2 15.4 23.0#
179 19.8 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

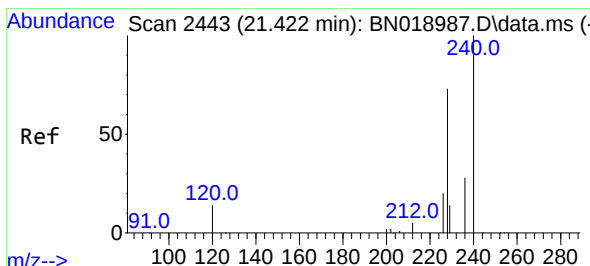
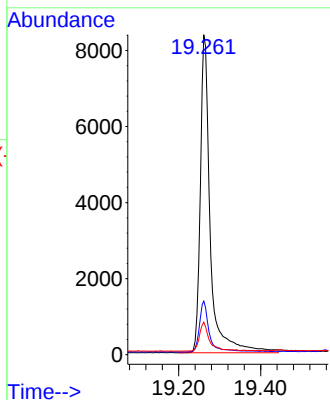
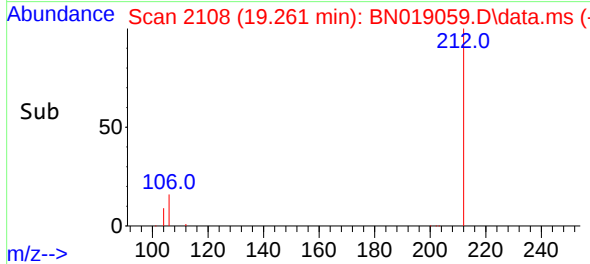
Instrument :
BNA_N
ClientSampleId :
RE120D1-20220316



Tgt Ion:212 Resp: 1408
Ion Ratio Lower Upper
212 100
106 15.4 12.7 19.1
104 9.2 7.1 10.7

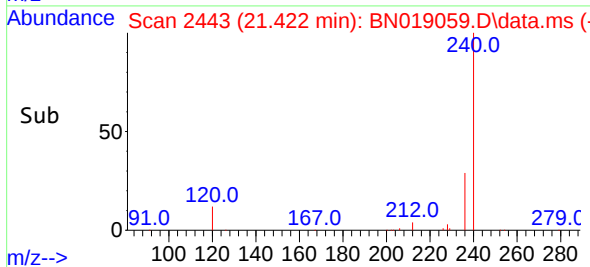
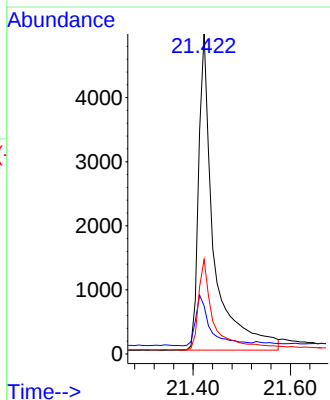
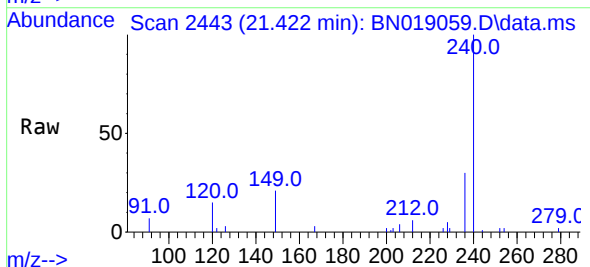
Manual Integrations
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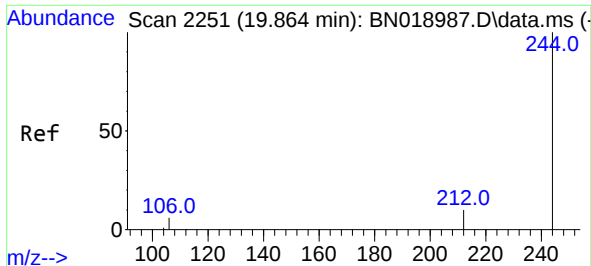
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

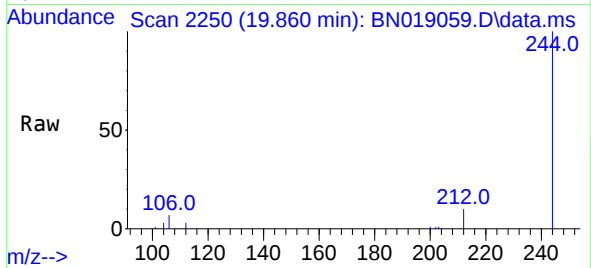
Tgt Ion:240 Resp: 10726
Ion Ratio Lower Upper
240 100
120 15.0 8.5 12.7#
236 29.5 22.4 33.6





#31
Terphenyl-d14
Concen: 0.517 ng
RT: 19.860 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

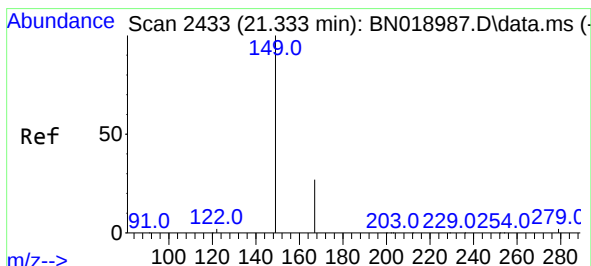
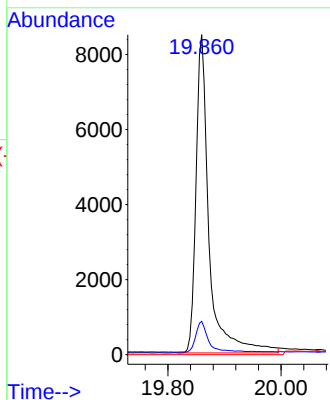
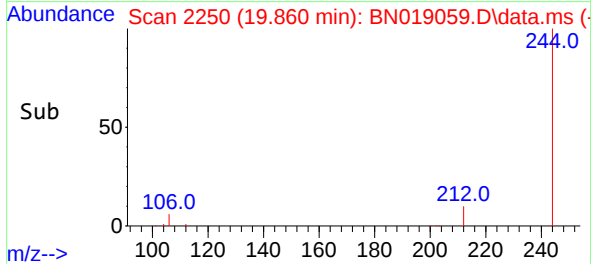
Instrument :
BNA_N
ClientSampleId :
RE120D1-20220316



Tgt Ion:244 Resp: 13630
Ion Ratio Lower Upper
244 100
212 10.4 8.2 12.4
122 0.0 0.0 0.0

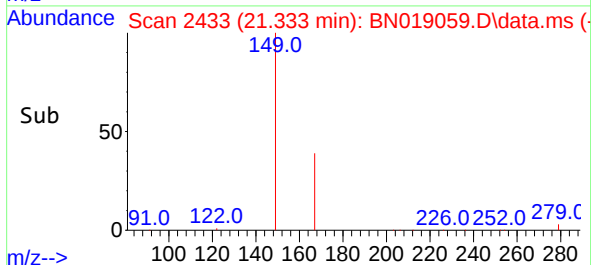
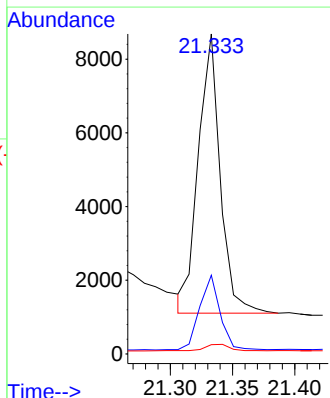
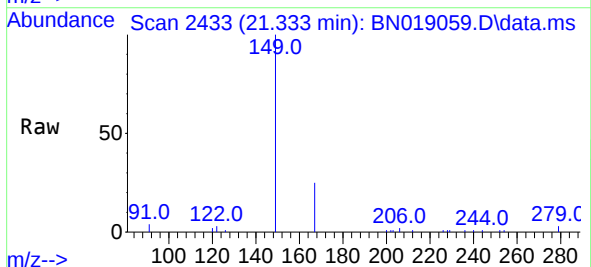
Manual Integrations
APPROVED

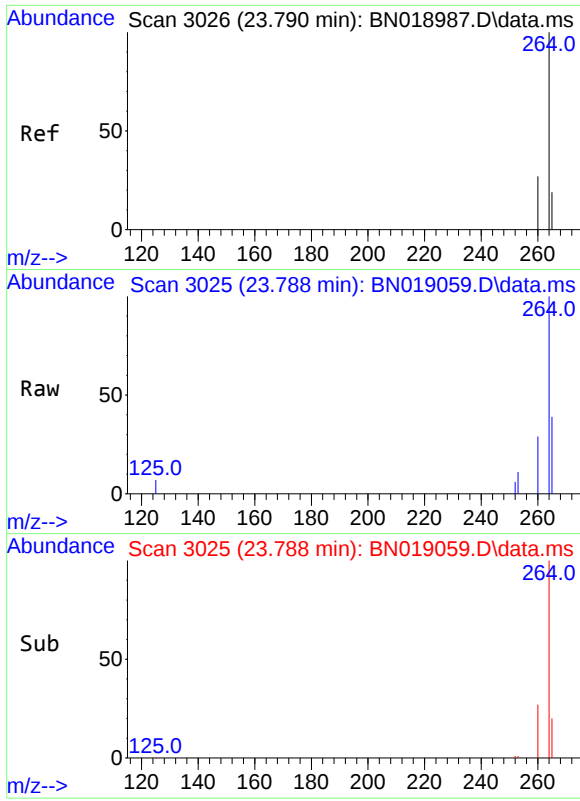
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.422 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

Tgt Ion:149 Resp: 9255
Ion Ratio Lower Upper
149 100
167 25.2 21.8 32.8
279 2.8 2.0 3.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.788 min Scan# 30
Delta R.T. -0.003 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

Instrument :
BNA_N
ClientSampleId :
RE120D1-20220316

Tgt Ion:264	Resp:	918
Ion Ratio	Lower	Upper
264	100	
260	28.6	22.4 33.6
265	39.1	25.3 37.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

