

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051122\
 Data File : BN019739.D
 Acq On : 12 May 2022 02:25
 Operator : CG/JU
 Sample : N2451-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 SB-1120

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2022
 Supervised By : Yogesh Patel 05/17/2022

Quant Time: May 12 05:53:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 10 01:35:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	233107	20.000	ng	0.00
7) Naphthalene-d8	10.648	136	745902	20.000	ng	# 0.00
13) Acenaphthene-d10	14.474	164	449372	20.000	ng	0.00
19) Phenanthrene-d10	17.215	188	980836	20.000	ng	0.00
29) Chrysene-d12	21.404	240	904529	20.000	ng	0.00
35) Perylene-d12	23.744	264	883645	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1518203	143.953	ng	0.00
5) Phenol-d6	7.024	99	1958691	147.492	ng	0.00
8) Nitrobenzene-d5	9.003	82	998870	80.130	ng	0.00
11) 2-Methylnaphthalene-d10	12.235	152	10	0.000	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	495559	151.846	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	2400381	59.198	ng	0.00
27) Fluoranthene-d10	19.249	212	12	0.000	ng	0.00
31) Terphenyl-d14	19.847	244	2248466	53.476	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.256	178	2663m	0.038	ng	
28) Fluoranthene	19.278	202	2488	0.034	ng	# 95
30) Pyrene	19.641	202	2196	0.029	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.324	149	5456	0.185	ng	# 99

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

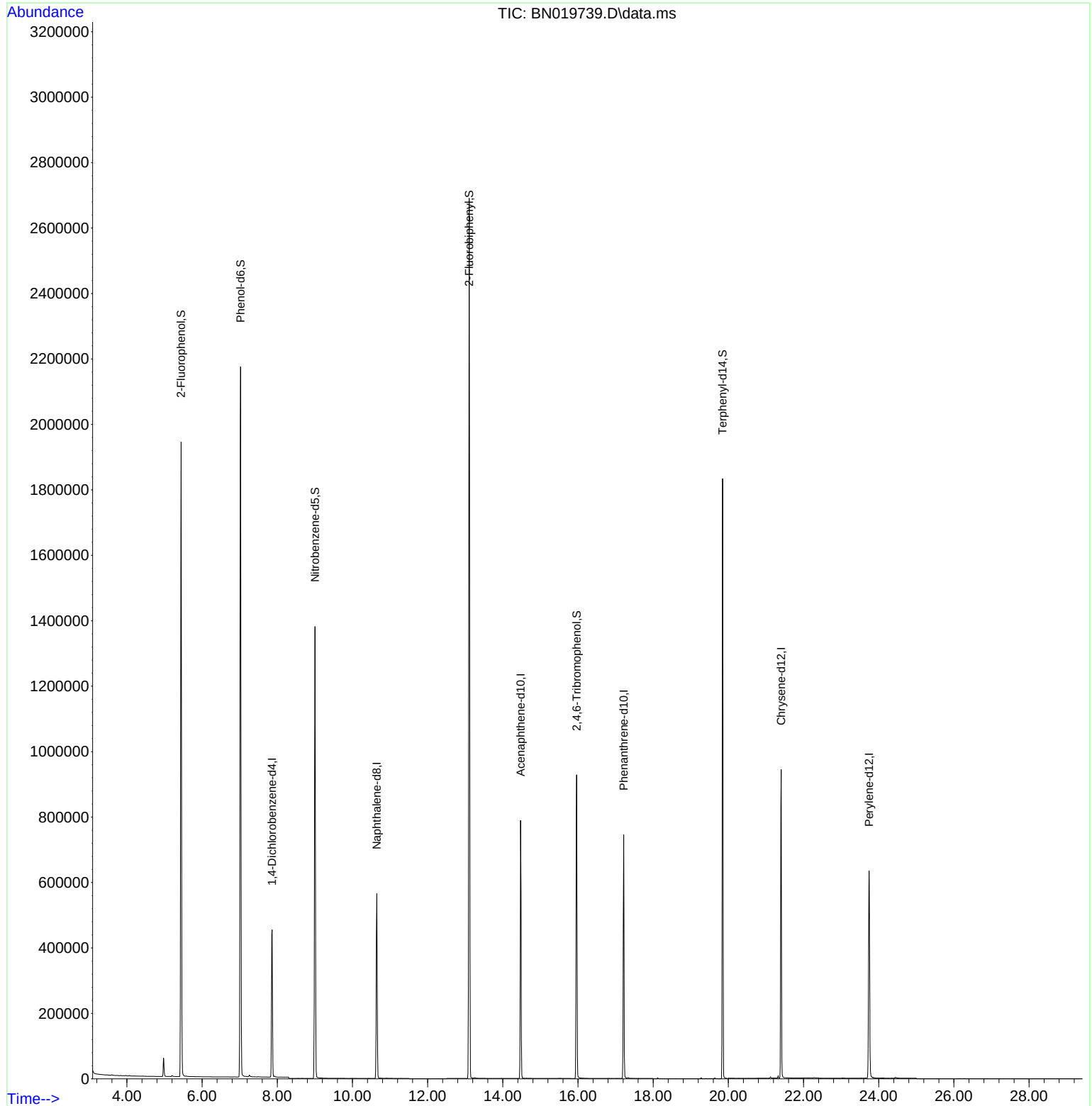
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051122\
Data File : BN019739.D
Acq On : 12 May 2022 02:25
Operator : CG/JU
Sample : N2451-06
Misc :
ALS Vial : 18 Sample Multiplier: 50

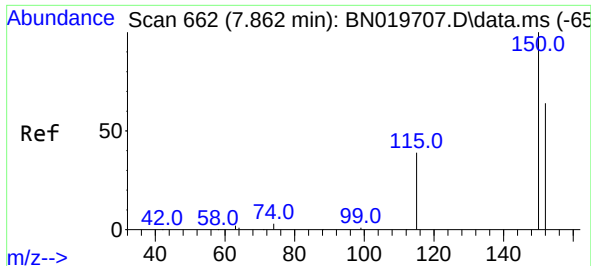
Instrument :
BNA_N
ClientSampleId :
SB-1120

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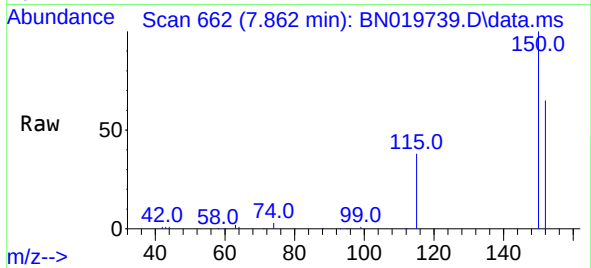
Quant Time: May 12 05:53:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 10 01:35:26 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 662
Delta R.T. -0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

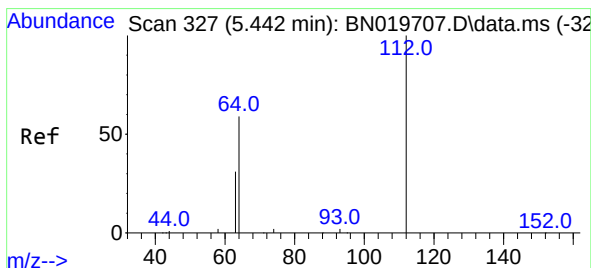
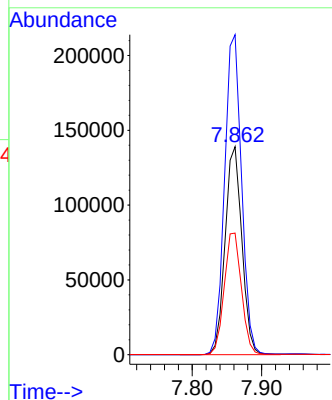
Instrument :
BNA_N
ClientSampleId :
SB-1120



Tgt Ion:152 Resp: 233107
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.4
115 58.5 50.6 76.0

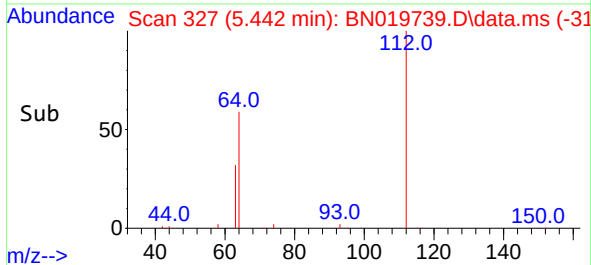
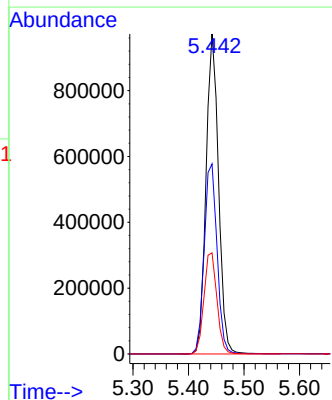
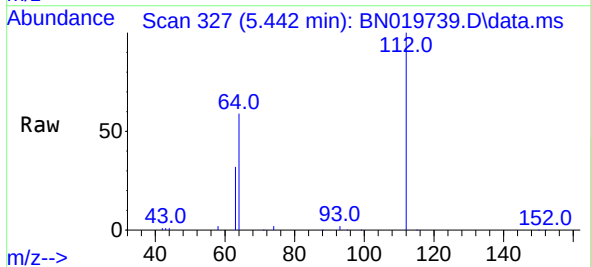
Manual Integrations
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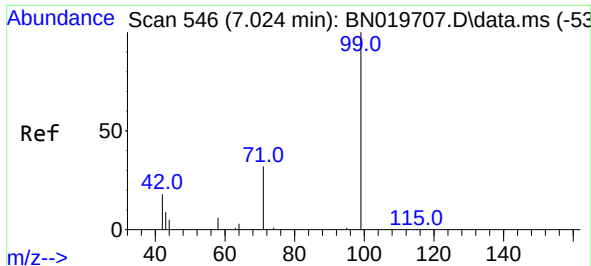
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#4
2-Fluorophenol
Concen: 143.953 ng
RT: 5.442 min Scan# 327
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

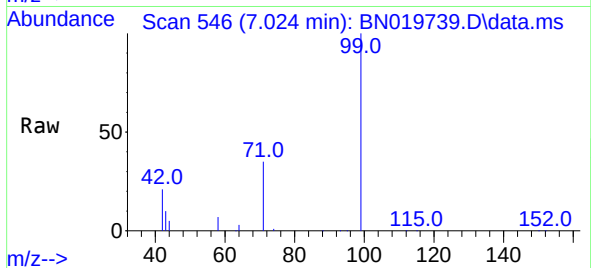
Tgt Ion:112 Resp: 1518203
Ion Ratio Lower Upper
112 100
64 61.6 49.1 73.7
63 33.0 26.4 39.6





#5
Phenol-d6
Concen: 147.492 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

Instrument :
BNA_N
ClientSampleId :
SB-1120

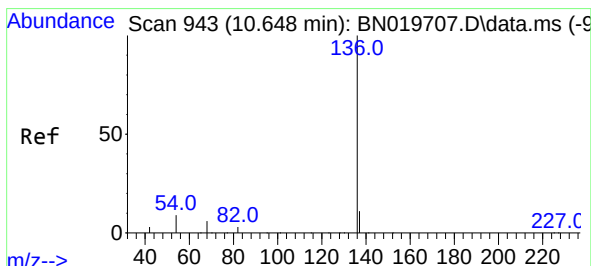
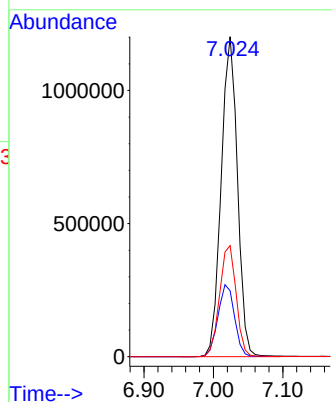


Tgt Ion: 99 Resp: 195869

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.6	29.4
71	35.4	27.3	40.9

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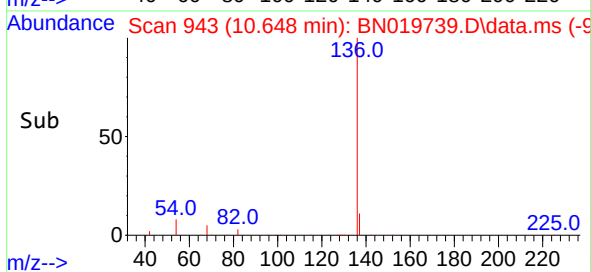
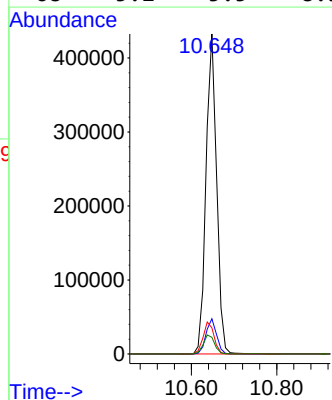
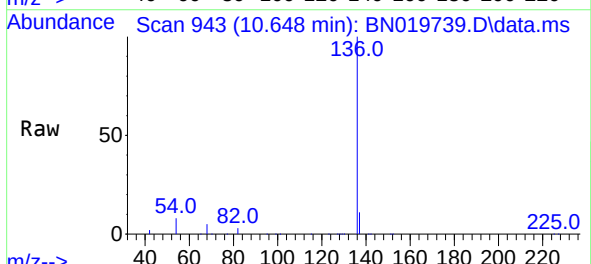
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

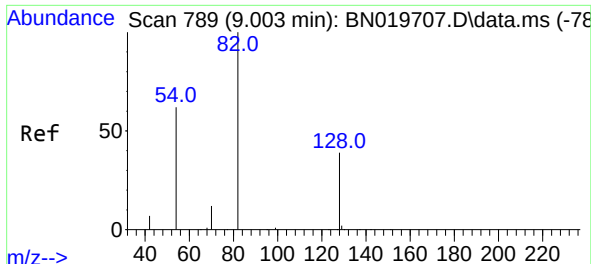


#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

Tgt Ion:136 Resp: 745902

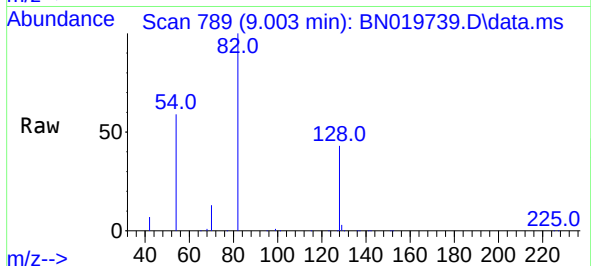
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.1	8.2	12.4#
68	5.2	5.5	8.3#





#8
Nitrobenzene-d5
Concen: 80.130 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

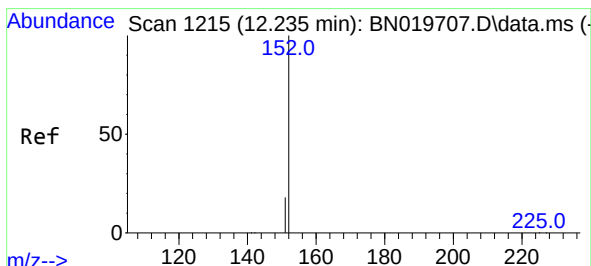
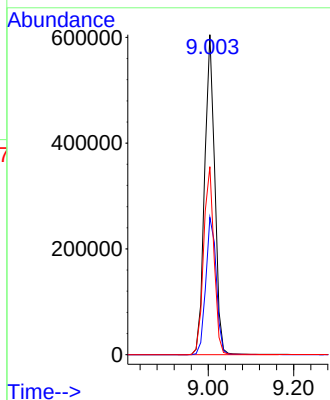
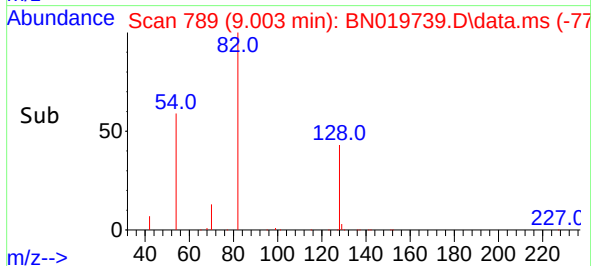
Instrument :
BNA_N
ClientSampleId :
SB-1120



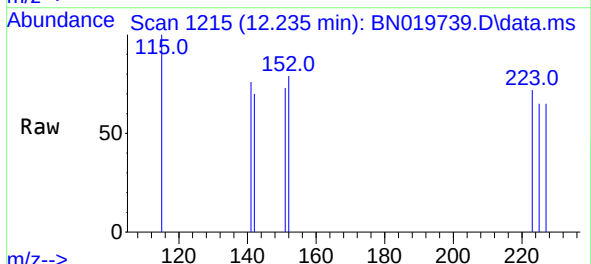
Tgt Ion: 82 Resp: 998870
Ion Ratio Lower Upper
82 100
128 42.9 32.4 48.6
54 58.8 50.7 76.1

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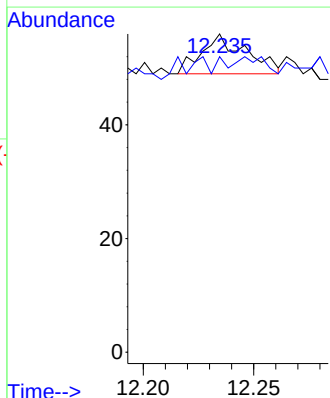
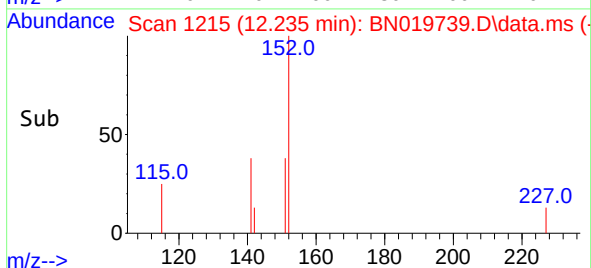
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

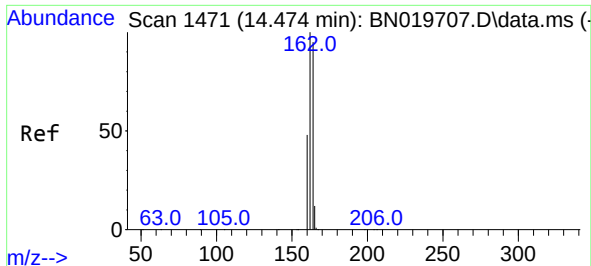


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.235 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25



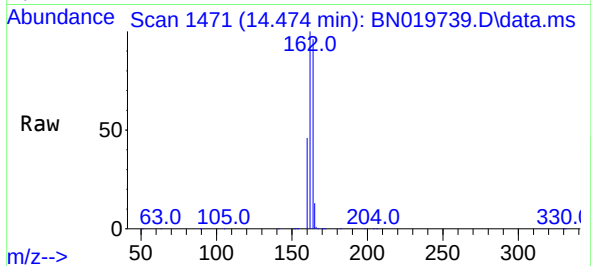
Tgt Ion:152 Resp: 10
Ion Ratio Lower Upper
152 100
151 30.0 16.4 24.6#





#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

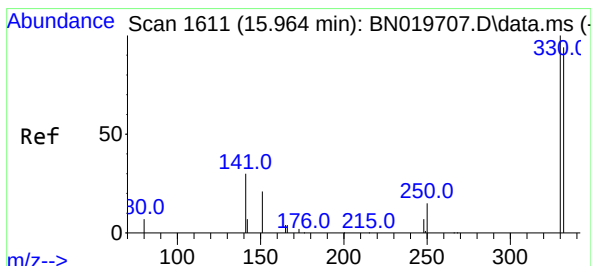
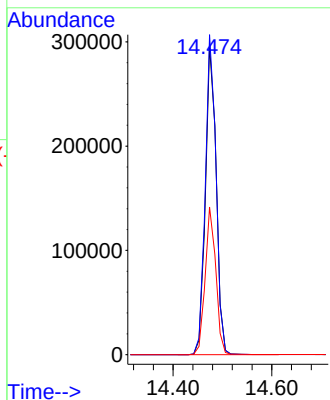
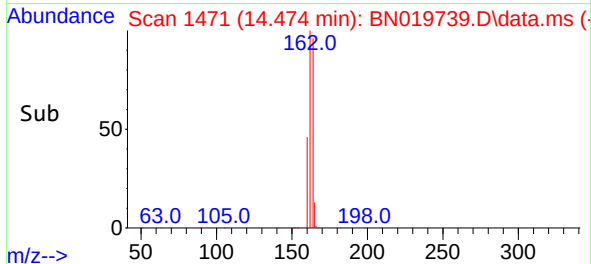
Instrument :
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ClientSampleId :
SB-1120



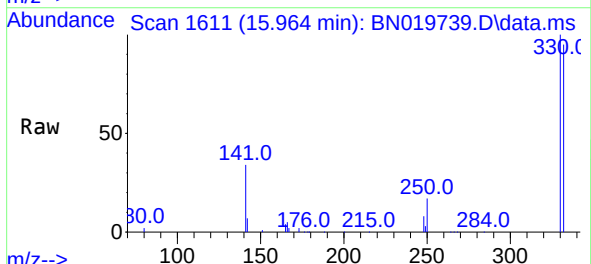
Tgt Ion:164 Resp: 449372
Ion Ratio Lower Upper
164 100
162 103.7 84.0 126.0
160 47.8 41.1 61.7

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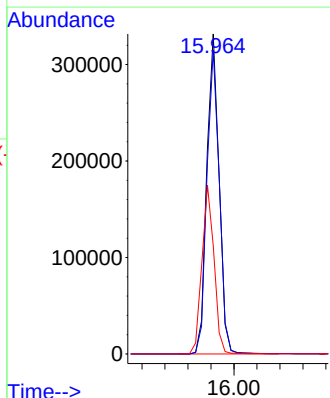
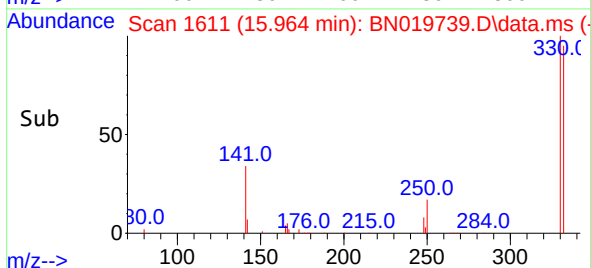
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

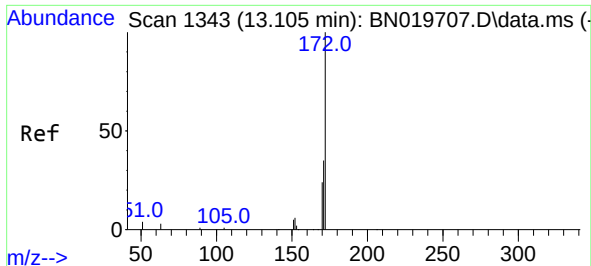


#14
2,4,6-Tribromophenol
Concen: 151.846 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25



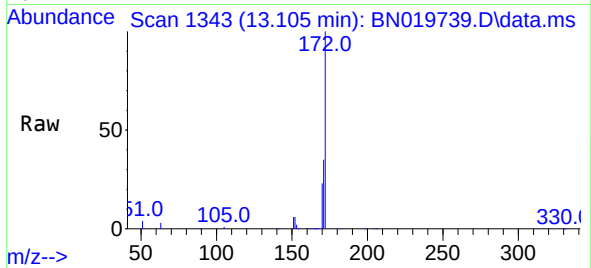
Tgt Ion:330 Resp: 495559
Ion Ratio Lower Upper
330 100
332 95.6 75.7 113.5
141 51.8 40.2 60.2





#15
2-Fluorobiphenyl
Concen: 59.198 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

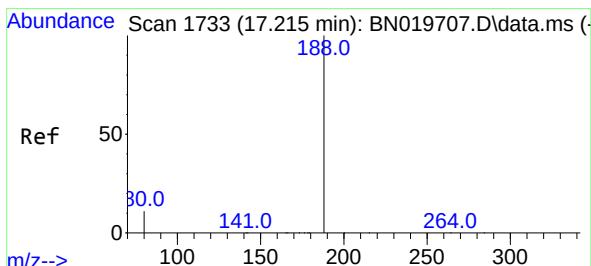
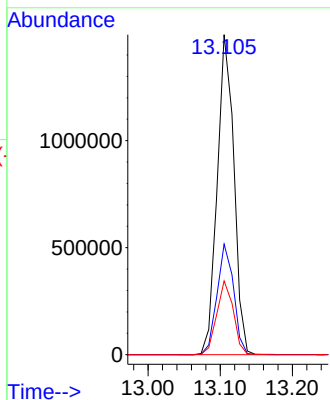
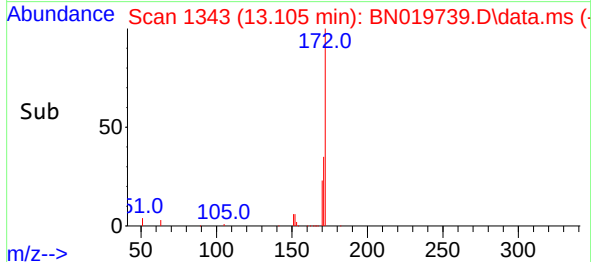
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BNA_N
ClientSampleId :
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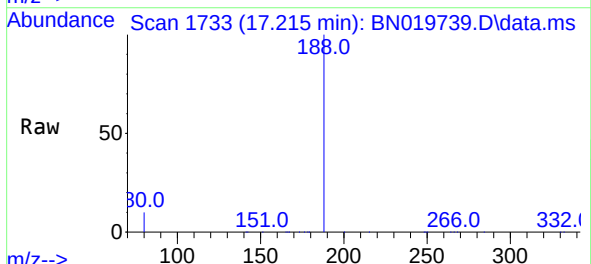
Tgt Ion:172 Resp: 240038
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.1 19.4 29.2

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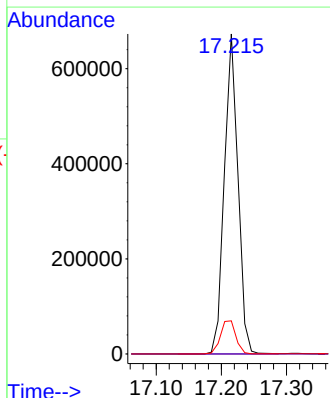
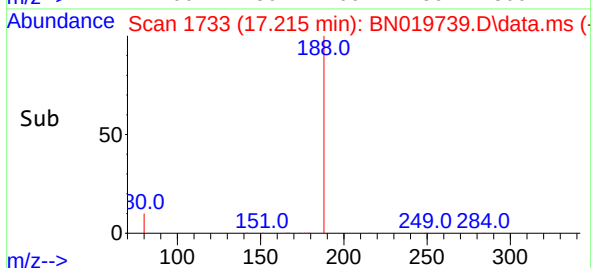
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

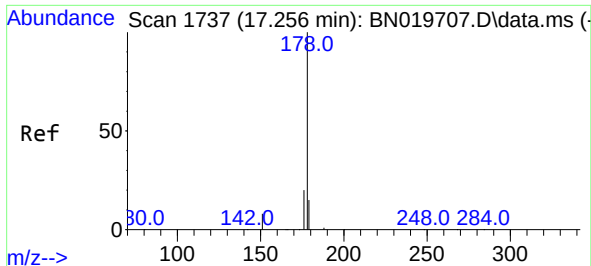


#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25



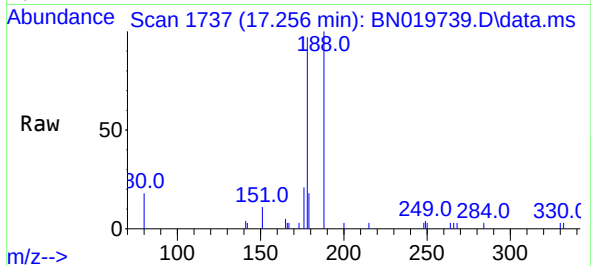
Tgt Ion:188 Resp: 980836
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.6 14.4





#25
Phenanthrene
Concen: 0.038 ng m
RT: 17.256 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

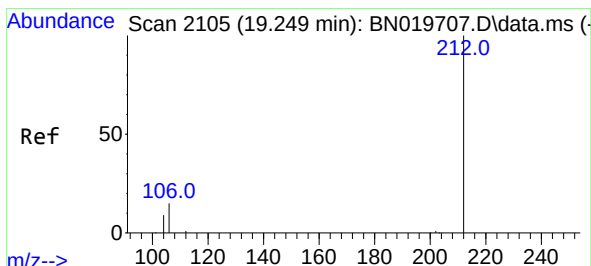
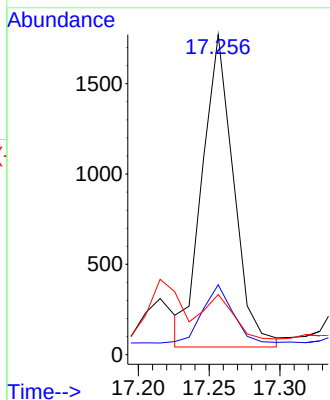
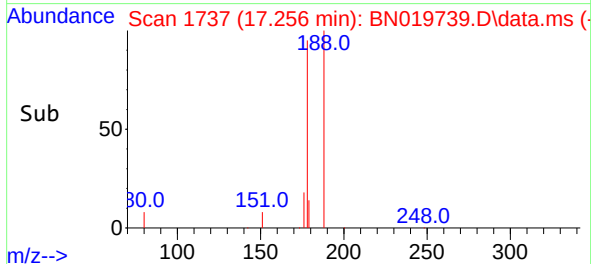
Instrument :
BNA_N
ClientSampleId :
SB-1120



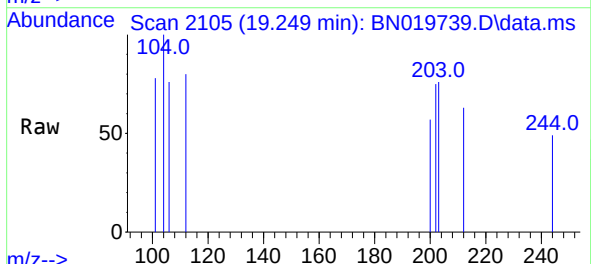
Tgt Ion:178 Resp: 266
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 0.0 12.2 18.2

Manual Integrations
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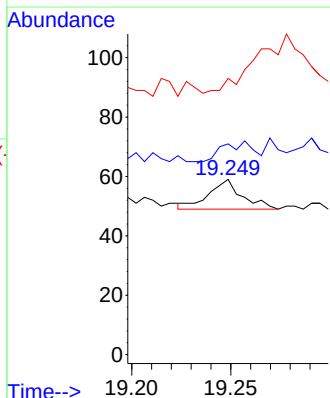
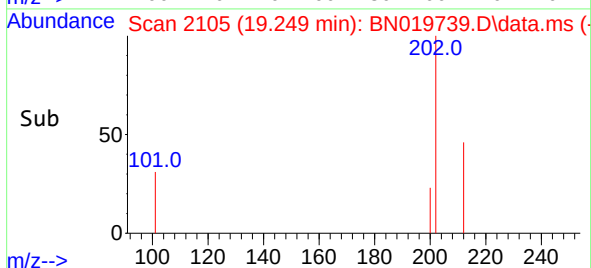
Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

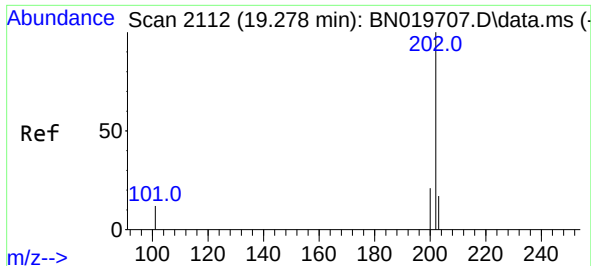


#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.249 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25



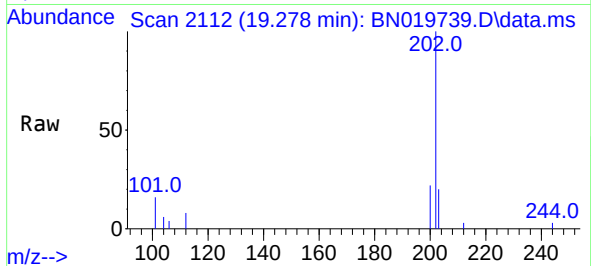
Tgt Ion:212 Resp: 12
Ion Ratio Lower Upper
212 100
106 58.3 13.0 19.4#
104 0.0 7.3 10.9#





#28
Fluoranthene
Concen: 0.034 ng
RT: 19.278 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

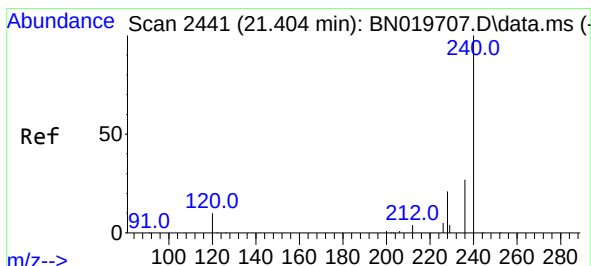
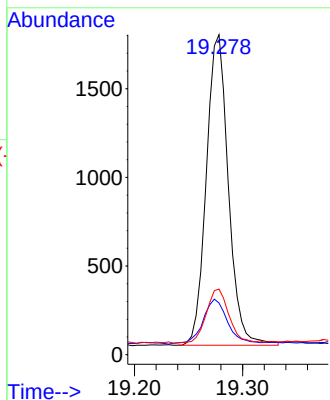
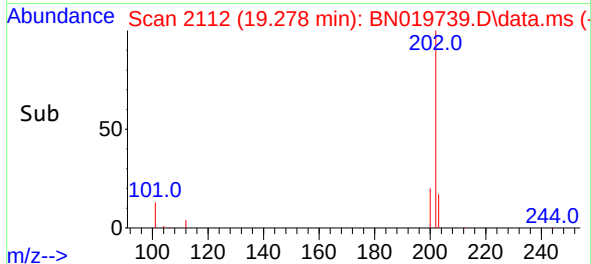
Instrument :
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SB-1120



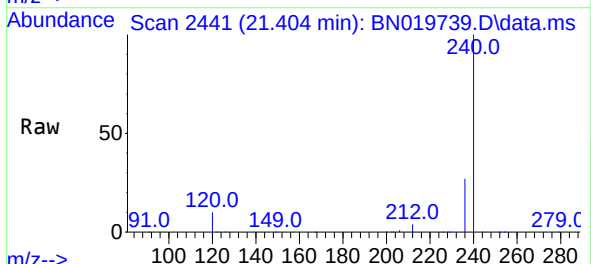
Tgt Ion:202 Resp: 2488
Ion Ratio Lower Upper
202 100
101 16.2 10.2 15.2
203 18.2 13.6 20.4

Manual Integrations
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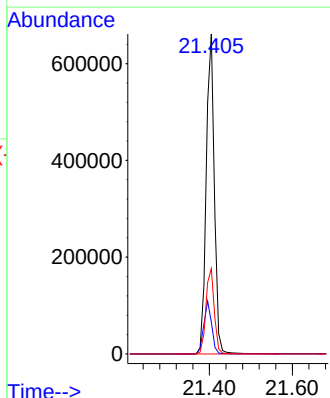
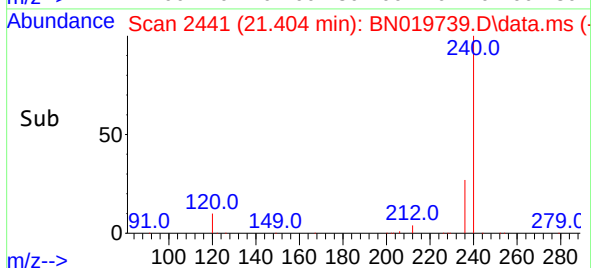
Reviewed By :Christian Giraldo 05/12/2022
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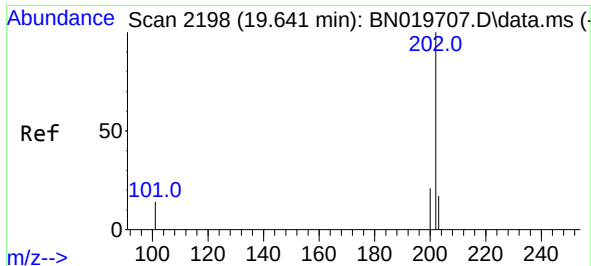


#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25



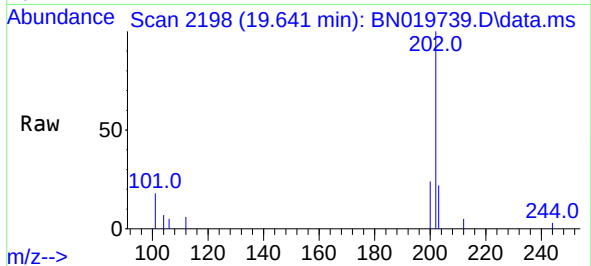
Tgt Ion:240 Resp: 904529
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 26.7 22.0 33.0





#30
Pyrene
Concen: 0.029 ng
RT: 19.641 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

Instrument :
BNA_N
ClientSampleId :
SB-1120

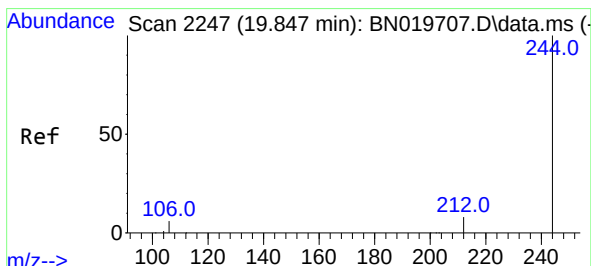
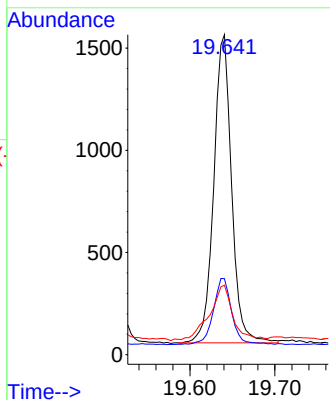
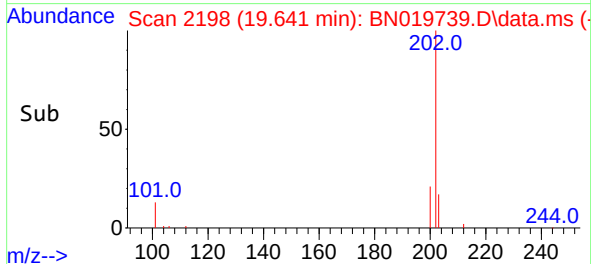


Tgt Ion:202 Resp: 2198

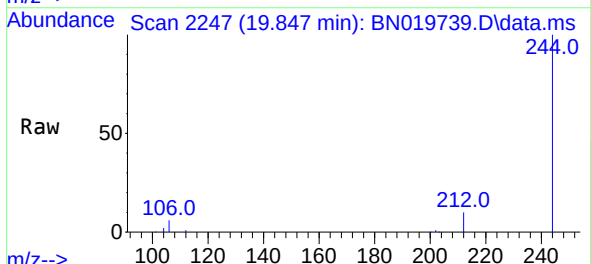
Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.7	25.1
203	24.0	14.2	21.2

Manual Integrations
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Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

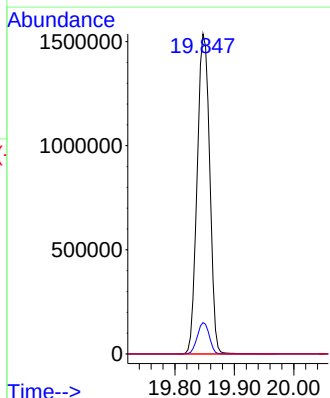
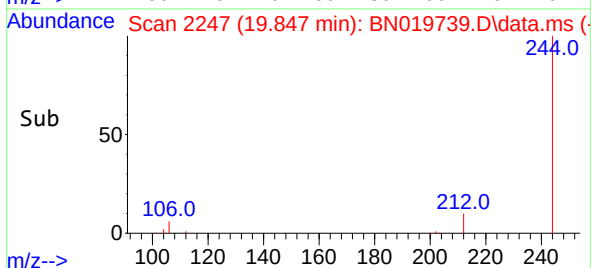


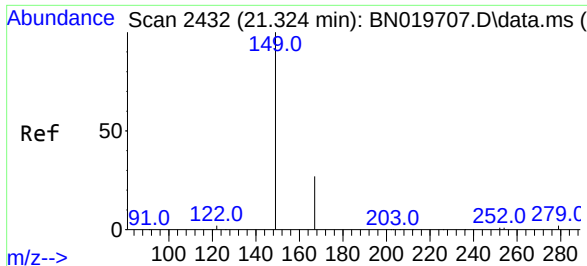
#31
Terphenyl-d14
Concen: 53.476 ng
RT: 19.847 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25



Tgt Ion:244 Resp: 2248466

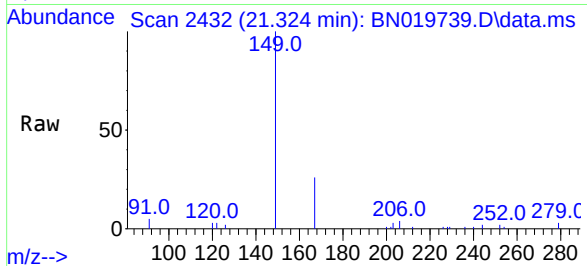
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.0	10.6
122	0.0	0.0	0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.185 ng
RT: 21.324 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

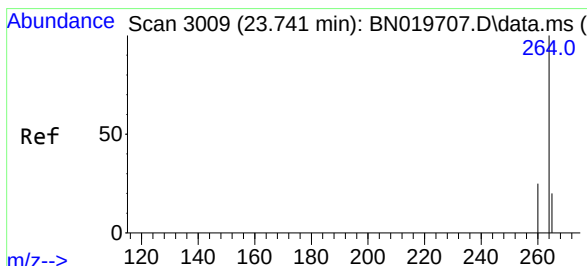
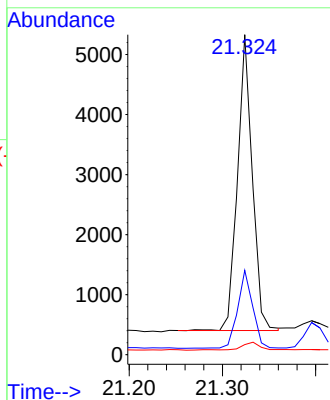
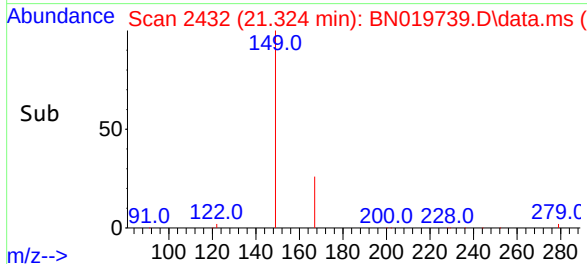
Instrument :
BNA_N
ClientSampleId :
SB-1120



Tgt Ion:149 Resp: 5450
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.6
279 3.5 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#35
Perylene-d12
Concen: 20.000 ng
RT: 23.744 min Scan# 3010
Delta R.T. 0.003 min
Lab File: BN019739.D
Acq: 12 May 2022 02:25

Tgt Ion:264 Resp: 883645
Ion Ratio Lower Upper
264 100
260 25.4 20.8 31.2
265 21.4 35.6 53.4

