

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
 Data File : BN023513.D
 Acq On : 28 Dec 2022 07:32
 Operator : CG/JU
 Sample : N6182-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04-223-244-122122

Quant Time: Dec 28 08:08:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:57:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	4436	0.400	ng	0.00
7) Naphthalene-d8	10.786	136	12504	0.400	ng	#-0.01
13) Acenaphthene-d10	14.623	164	6912	0.400	ng	0.00
19) Phenanthrene-d10	17.365	188	15588	0.400	ng	#-0.01
29) Chrysene-d12	21.562	240	10727	0.400	ng	0.00
35) Perylene-d12	24.001	264	8174	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.522	112	1972	0.201	ng	0.00
5) Phenol-d6	7.139	99	1408	0.117	ng	0.00
8) Nitrobenzene-d5	9.142	82	4241m	0.433	ng	0.00
11) 2-Methylnaphthalene-d10	12.378	152	7886	0.433	ng	0.00
14) 2,4,6-Tribromophenol	16.111	330	1459	0.431	ng	-0.01
15) 2-Fluorobiphenyl	13.244	172	13128	0.479	ng	-0.01
27) Fluoranthene-d10	19.401	212	16909	0.444	ng	0.00
31) Terphenyl-d14	19.996	244	17460	0.698	ng	0.00
Target Compounds						
25) Phenanthrene	17.414	178	1771	0.040	ng	# 95
28) Fluoranthene	19.431	202	1890	0.038	ng	# 93
30) Pyrene	19.793	202	1021	0.025	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.464	149	2003	0.091	ng	# 98

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

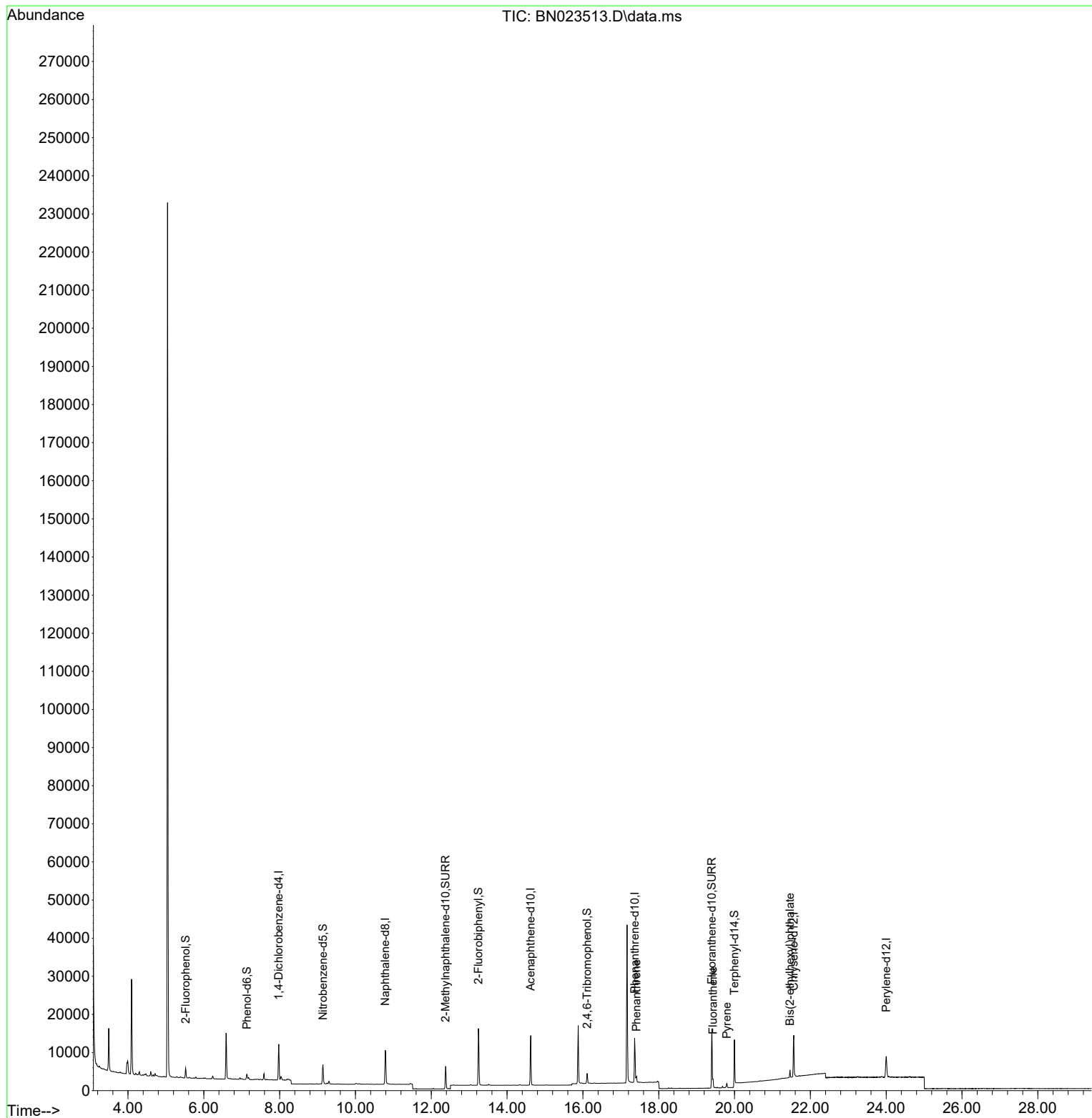
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023513.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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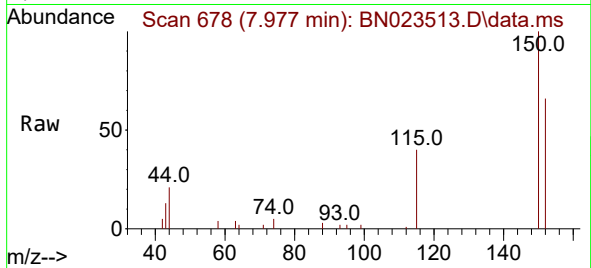
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.977 min Scan# 678
Delta R.T. 0.000 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

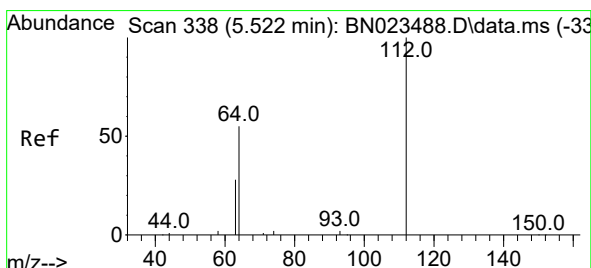
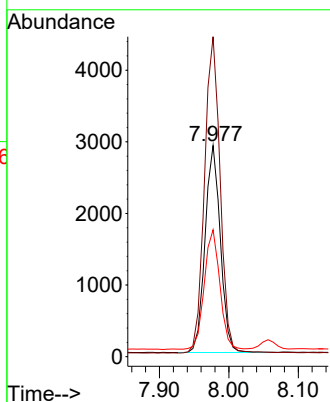
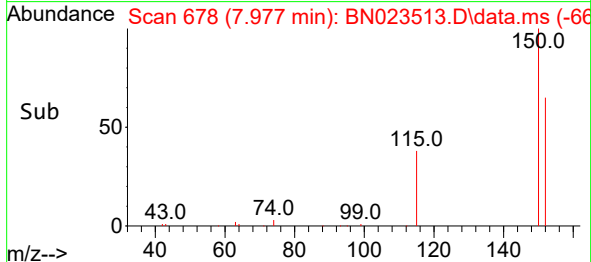
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-223-244-122122



Tgt Ion:152 Resp: 4430
Ion Ratio Lower Upper
152 100
150 151.5 125.0 187.6
115 60.0 48.8 73.2

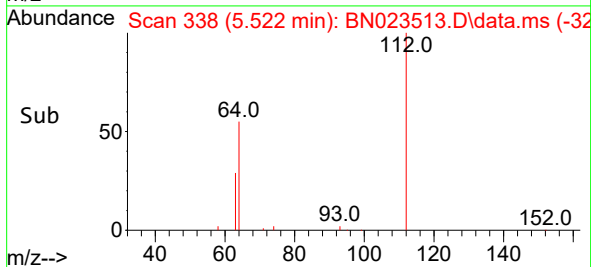
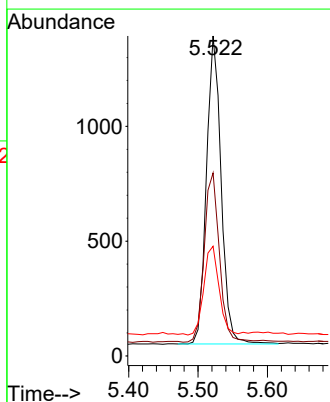
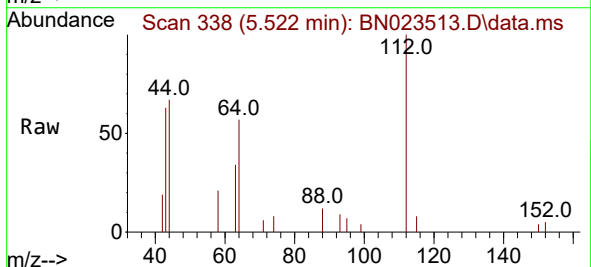
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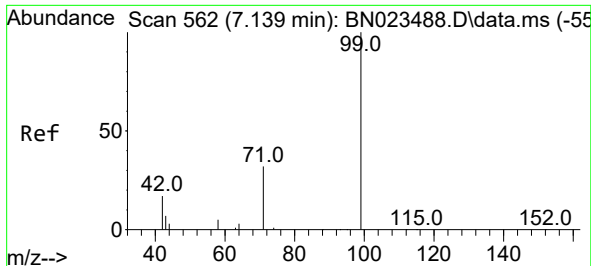
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.522 min Scan# 338
Delta R.T. -0.000 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

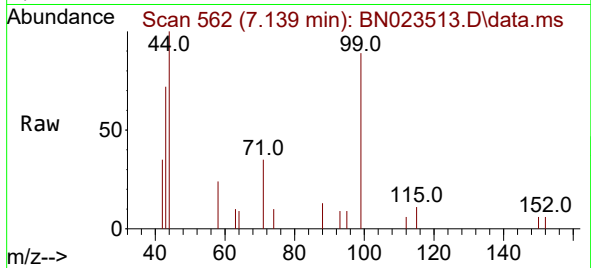
Tgt Ion:112 Resp: 1972
Ion Ratio Lower Upper
112 100
64 56.7 44.3 66.5
63 29.9 23.8 35.6





#5
Phenol-d6
Concen: 0.117 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

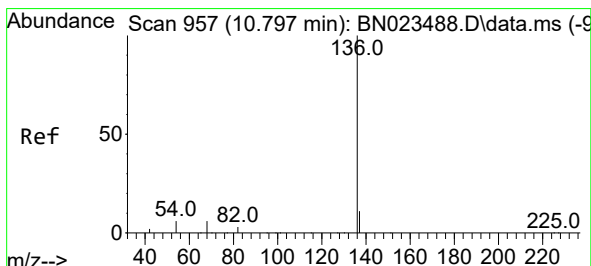
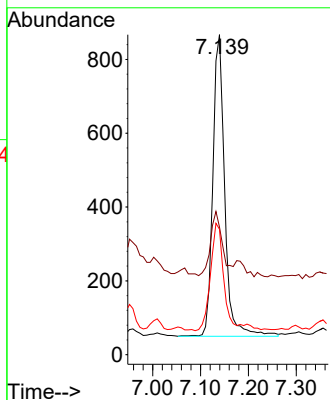
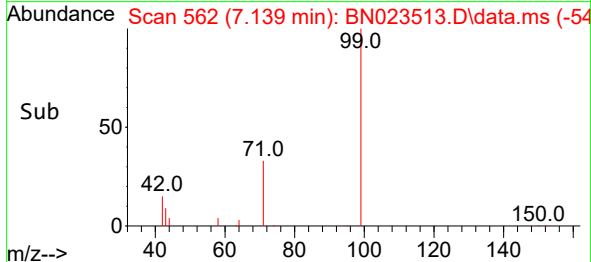
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-223-244-122122



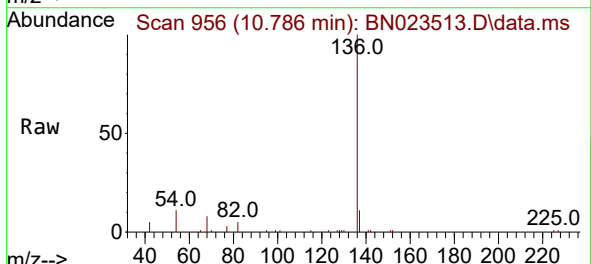
Tgt Ion: 99 Resp: 1408
Ion Ratio Lower Upper
99 100
42 21.7 16.8 25.2
71 41.8 27.0 40.4

Manual Integrations
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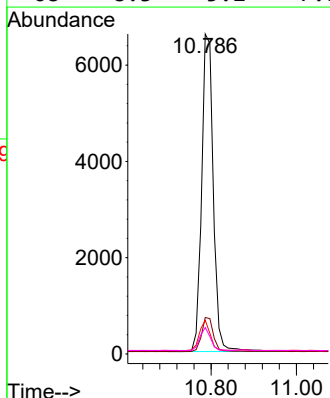
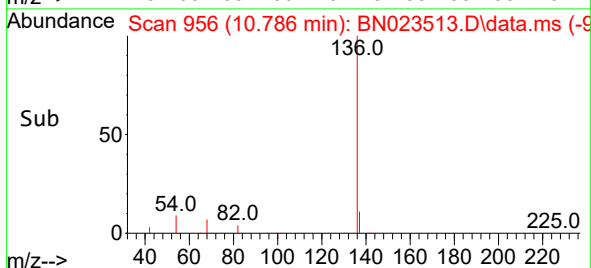
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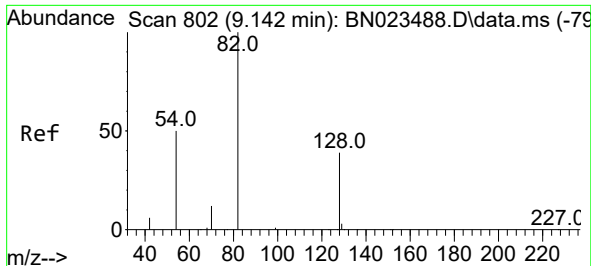


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.786 min Scan# 956
Delta R.T. -0.011 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32



Tgt Ion:136 Resp: 12504
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.5 5.8 8.8#
68 8.3 5.2 7.8#





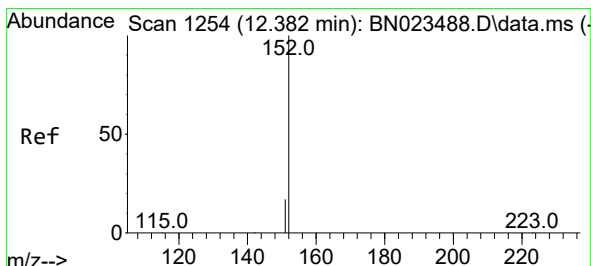
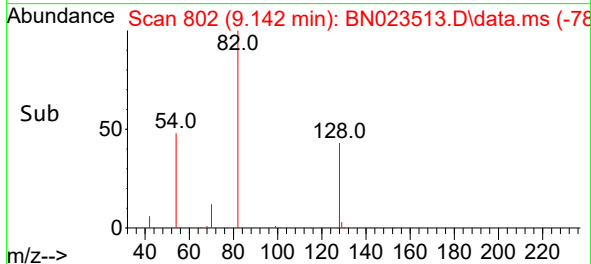
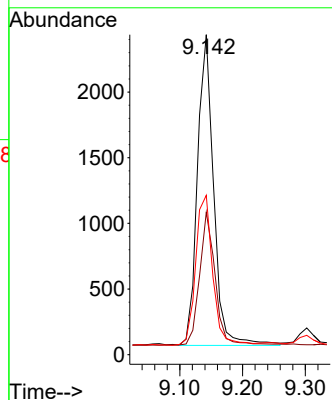
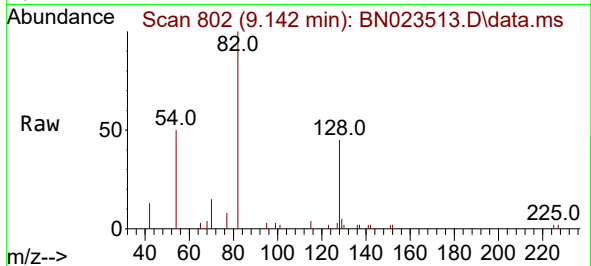
#8
Nitrobenzene-d5
Concen: 0.433 ng m
RT: 9.142 min Scan# 802
Delta R.T. -0.000 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-223-244-122122

Tgt Ion: 82 Resp: 424
Ion Ratio Lower Upper
82 100
128 44.5 32.6 49.0
54 49.8 41.4 62.0

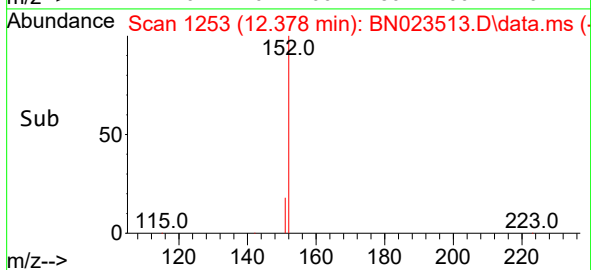
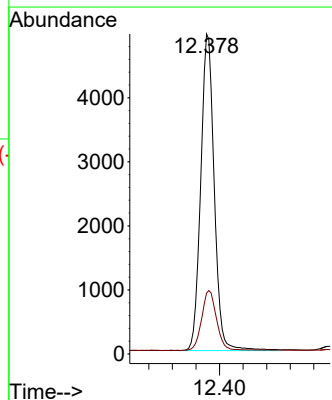
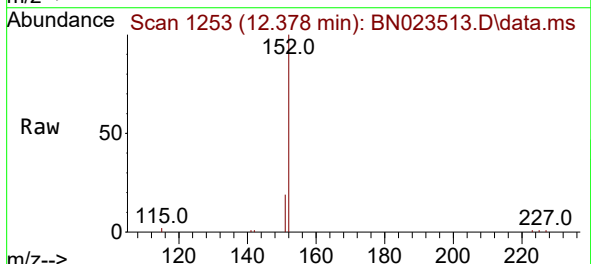
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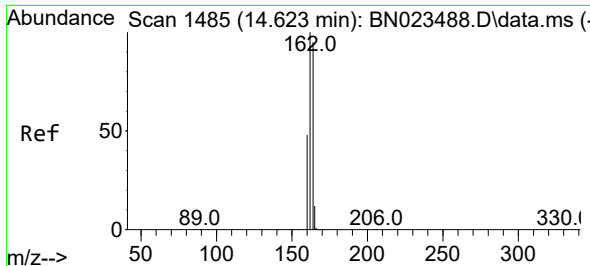
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#11
2-Methylnaphthalene-d10
Concen: 0.433 ng
RT: 12.378 min Scan# 1253
Delta R.T. -0.004 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

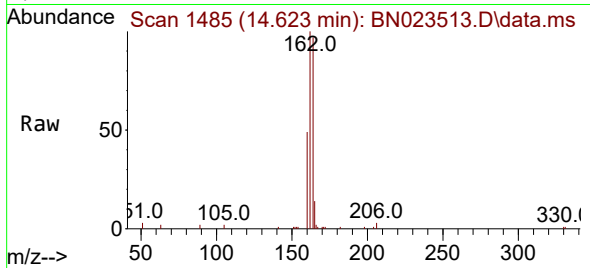
Tgt Ion:152 Resp: 7886
Ion Ratio Lower Upper
152 100
151 20.8 14.8 22.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.623 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

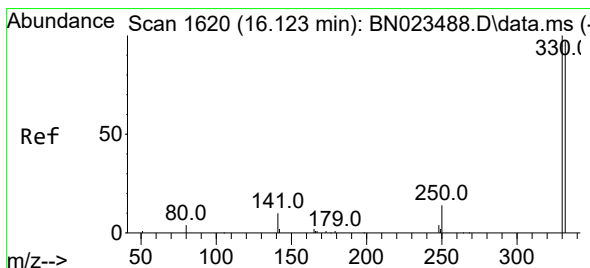
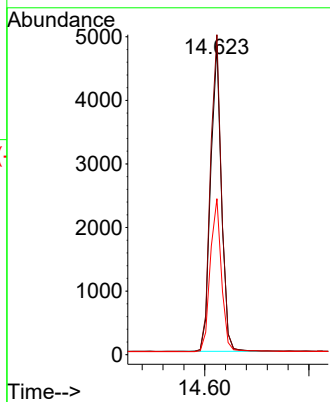
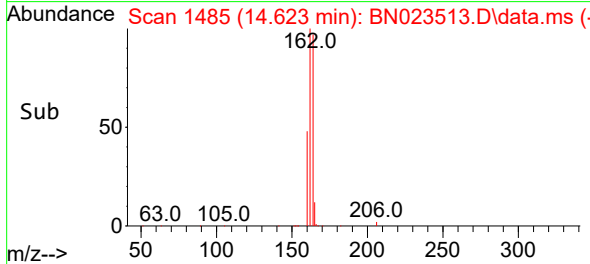
Instrument : BNA_N
ClientSampleId : GWOW-BR-04-223-244-122122



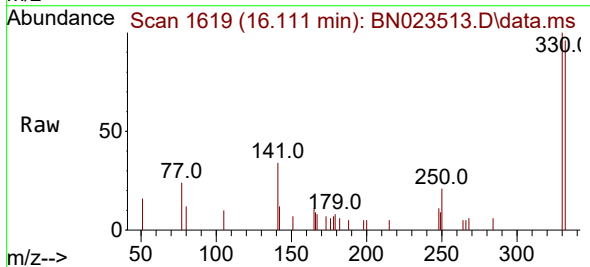
Tgt Ion:164 Resp: 691
Ion Ratio Lower Upper
164 100
162 103.5 83.9 125.9
160 50.4 40.9 61.3

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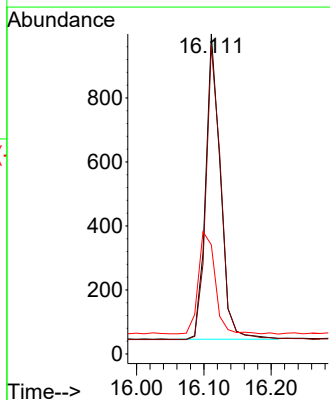
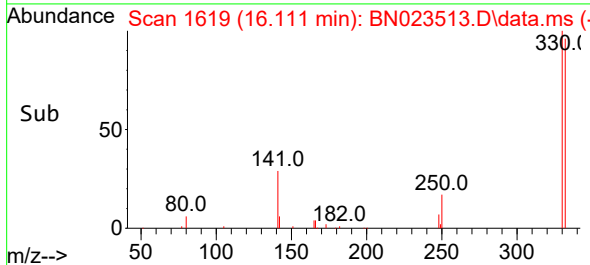
Reviewed By :Christian Giraldo 12/28/2022
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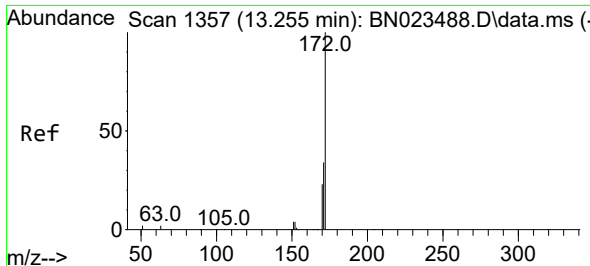


#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 16.111 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32



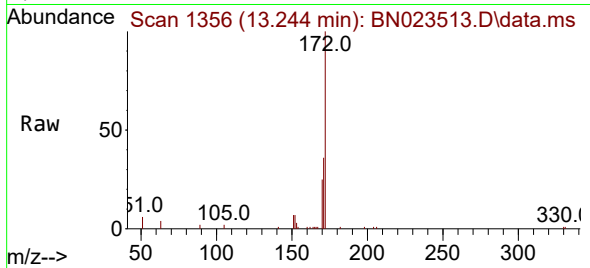
Tgt Ion:330 Resp: 1459
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 38.5 29.8 44.6





#15
2-Fluorobiphenyl
Concen: 0.479 ng
RT: 13.244 min Scan# 1357
Delta R.T. -0.011 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

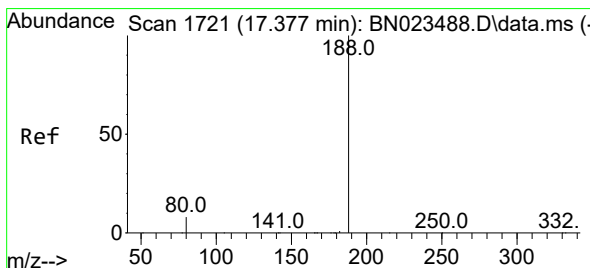
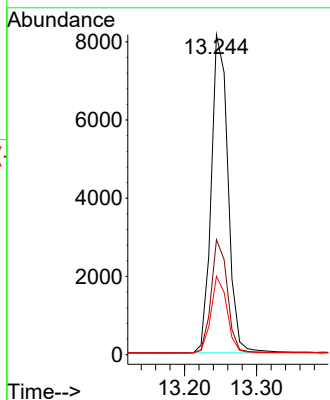
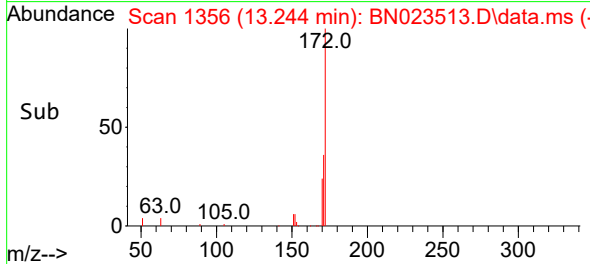
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-223-244-122122



Tgt Ion:172 Resp: 13128
Ion Ratio Lower Upper
172 100
171 36.0 27.6 41.4
170 24.5 18.7 28.1

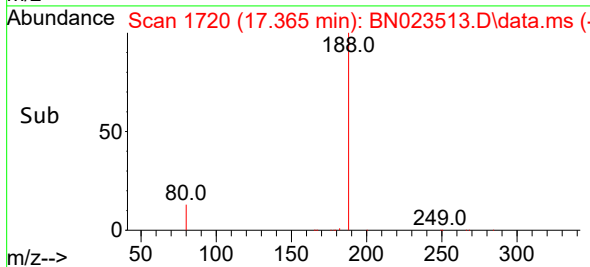
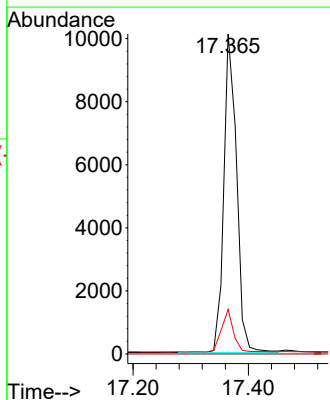
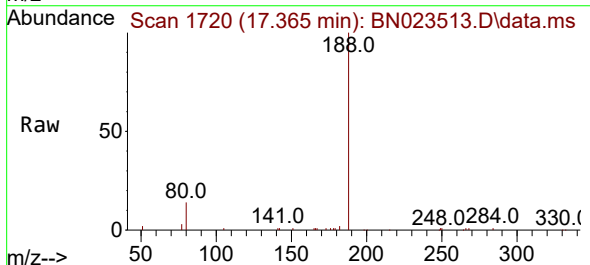
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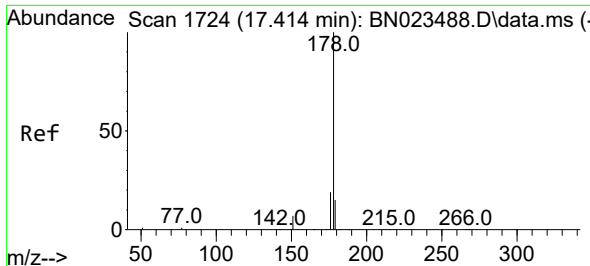
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.365 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

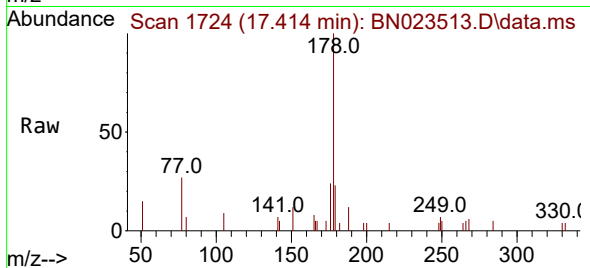
Tgt Ion:188 Resp: 15588
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 6.7 10.1





#25
Phenanthrene
Concen: 0.040 ng
RT: 17.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

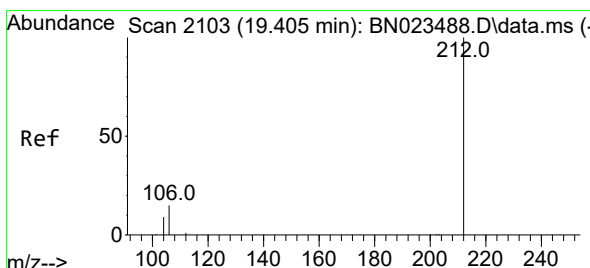
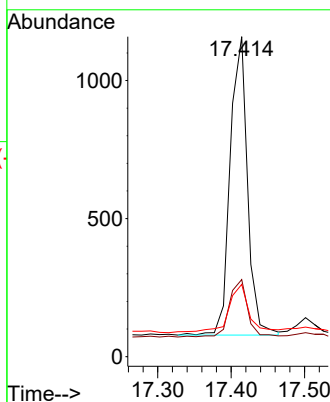
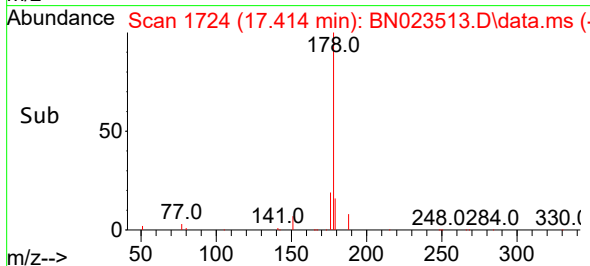
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-223-244-122122



Tgt Ion:178 Resp: 177
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 19.2 12.2 18.4

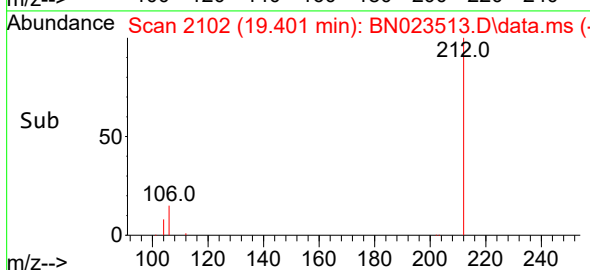
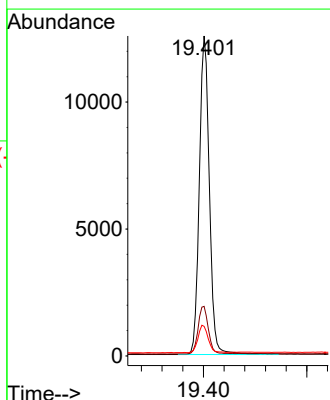
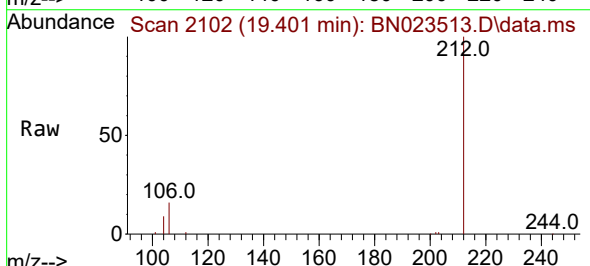
Manual Integrations
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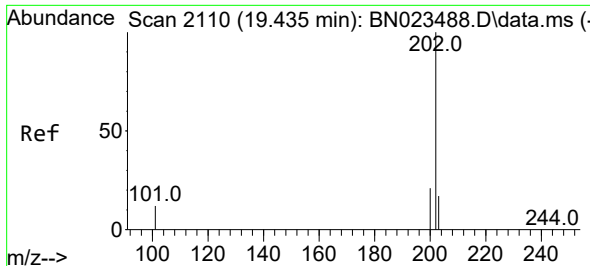
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#27
Fluoranthene-d10
Concen: 0.444 ng
RT: 19.401 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

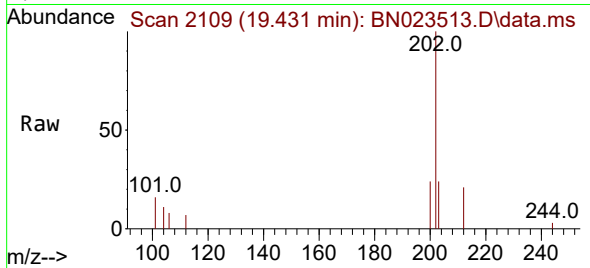
Tgt Ion:212 Resp: 16909
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 8.6 6.8 10.2





#28
Fluoranthene
Concen: 0.038 ng
RT: 19.431 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

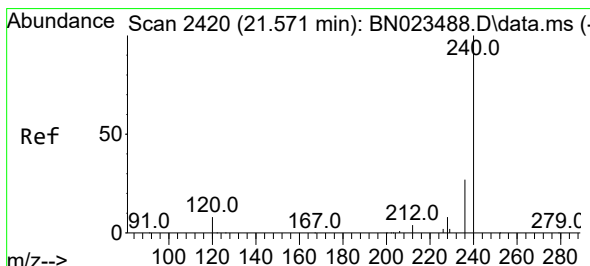
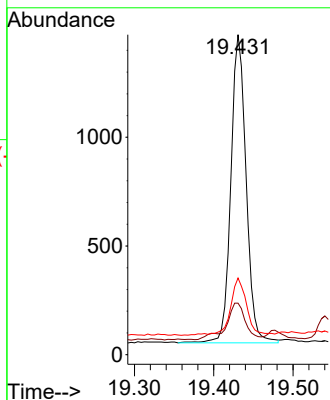
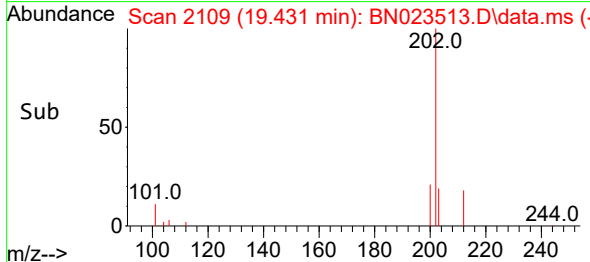
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-223-244-122122



Tgt Ion:202 Resp: 1890
Ion Ratio Lower Upper
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101 15.0 9.6 14.4
203 19.9 13.8 20.8

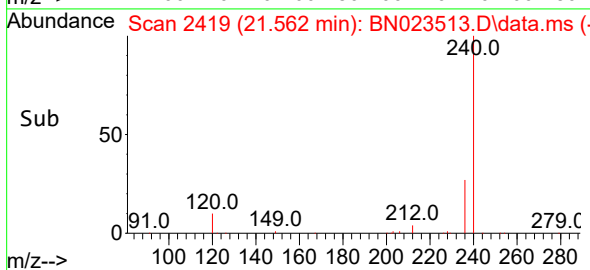
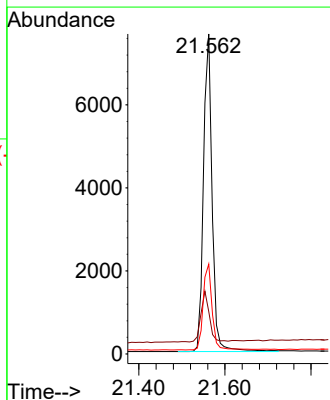
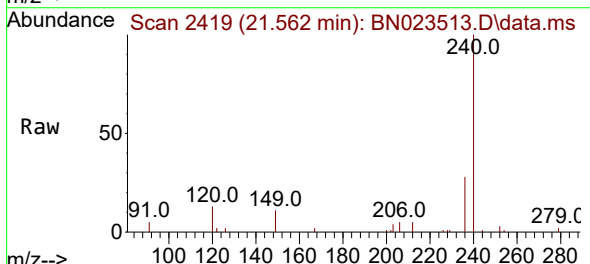
Manual Integrations
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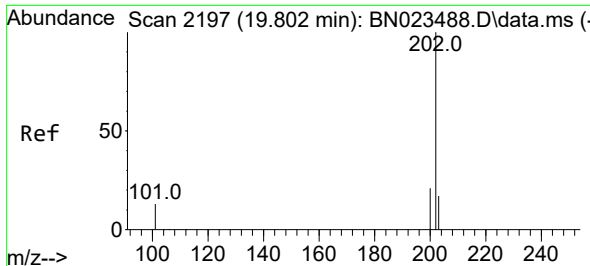
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.562 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

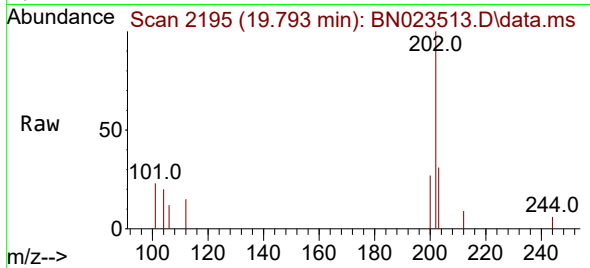
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Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3
236 28.1 22.5 33.7





#30
Pyrene
Concen: 0.025 ng
RT: 19.793 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

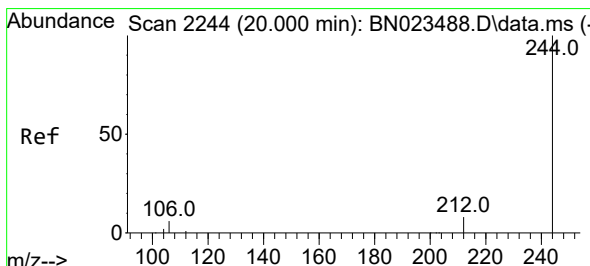
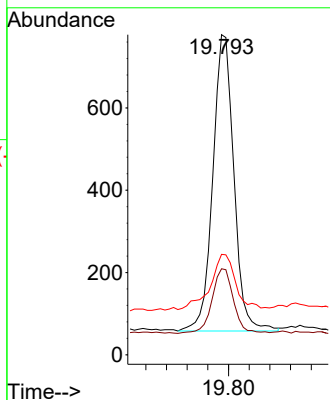
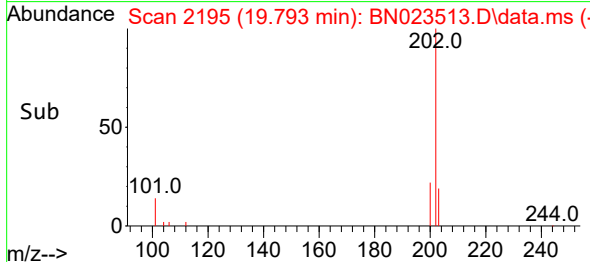
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-223-244-122122



Tgt Ion:202 Resp: 102
Ion Ratio Lower Upper
202 100
200 22.2 17.0 25.4
203 23.8 14.4 21.6

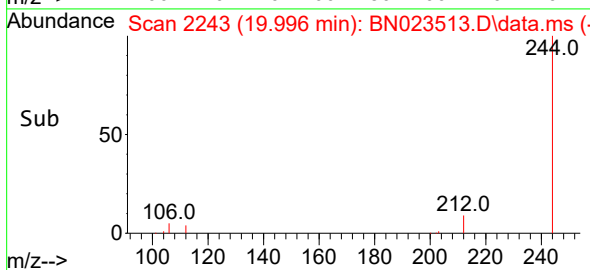
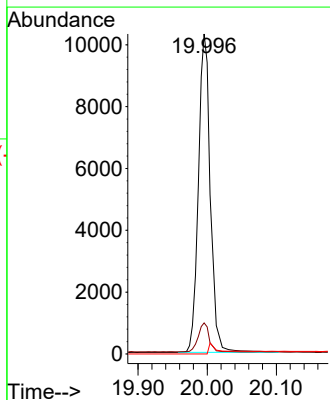
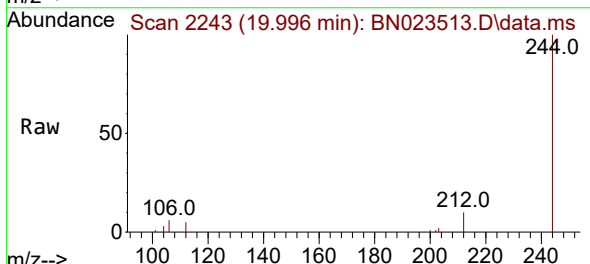
Manual Integrations
APPROVED

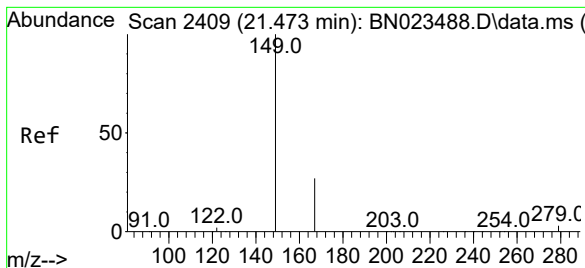
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#31
Terphenyl-d14
Concen: 0.698 ng
RT: 19.996 min Scan# 2243
Delta R.T. -0.004 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

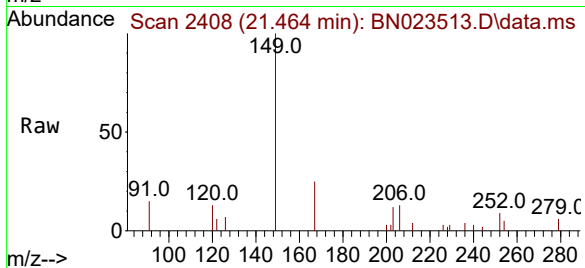
Tgt Ion:244 Resp: 17460
Ion Ratio Lower Upper
244 100
212 9.7 7.4 11.0
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.464 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

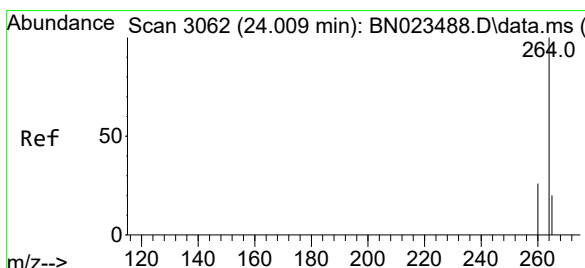
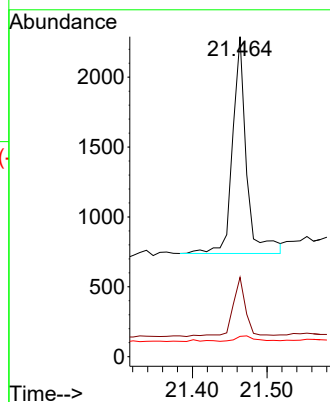
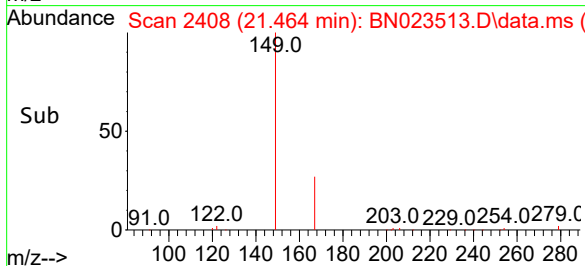
Instrument : BNA_N
ClientSampleId : GWOW-BR-04-223-244-122122



Tgt Ion:149 Resp: 2000
Ion Ratio Lower Upper
149 100
167 25.3 21.0 31.6
279 3.4 2.2 3.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.001 min Scan# 3059
Delta R.T. -0.009 min
Lab File: BN023513.D
Acq: 28 Dec 2022 07:32

Tgt Ion:264 Resp: 8174
Ion Ratio Lower Upper
264 100
260 27.4 21.1 31.7
265 78.4 48.9 73.3

