

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020495.D
 Acq On : 27 Jun 2022 11:46
 Operator : CG/JU
 Sample : N3354-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-63

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/28/2022
 Supervised By : Jagrut Upadhyay 06/30/2022

Quant Time: Jun 28 00:33:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2844	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	9214	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	5776	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	11956	0.400	ng	# 0.00
29) Chrysene-d12	21.297	240	11251	0.400	ng	0.00
35) Perylene-d12	23.583	264	10151	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1034	0.131	ng	0.00
5) Phenol-d6	6.952	99	774	0.082	ng	0.00
8) Nitrobenzene-d5	8.897	82	1994	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	4821	0.305	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	758	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.998	172	6798	0.285	ng	0.00
27) Fluoranthene-d10	19.143	212	11816	0.333	ng	0.00
31) Terphenyl-d14	19.746	244	9251	0.344	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.173	202	4212	0.096	ng	98
30) Pyrene	19.535	202	12412	0.261	ng	# 94
32) Benzo(a)anthracene	21.288	228	3402	0.085	ng	# 84
33) Chrysene	21.333	228	6610	0.149	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.225	149	2210	0.098	ng	# 99
37) Benzo(b)fluoranthene	22.896	252	4078m	0.104	ng	

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

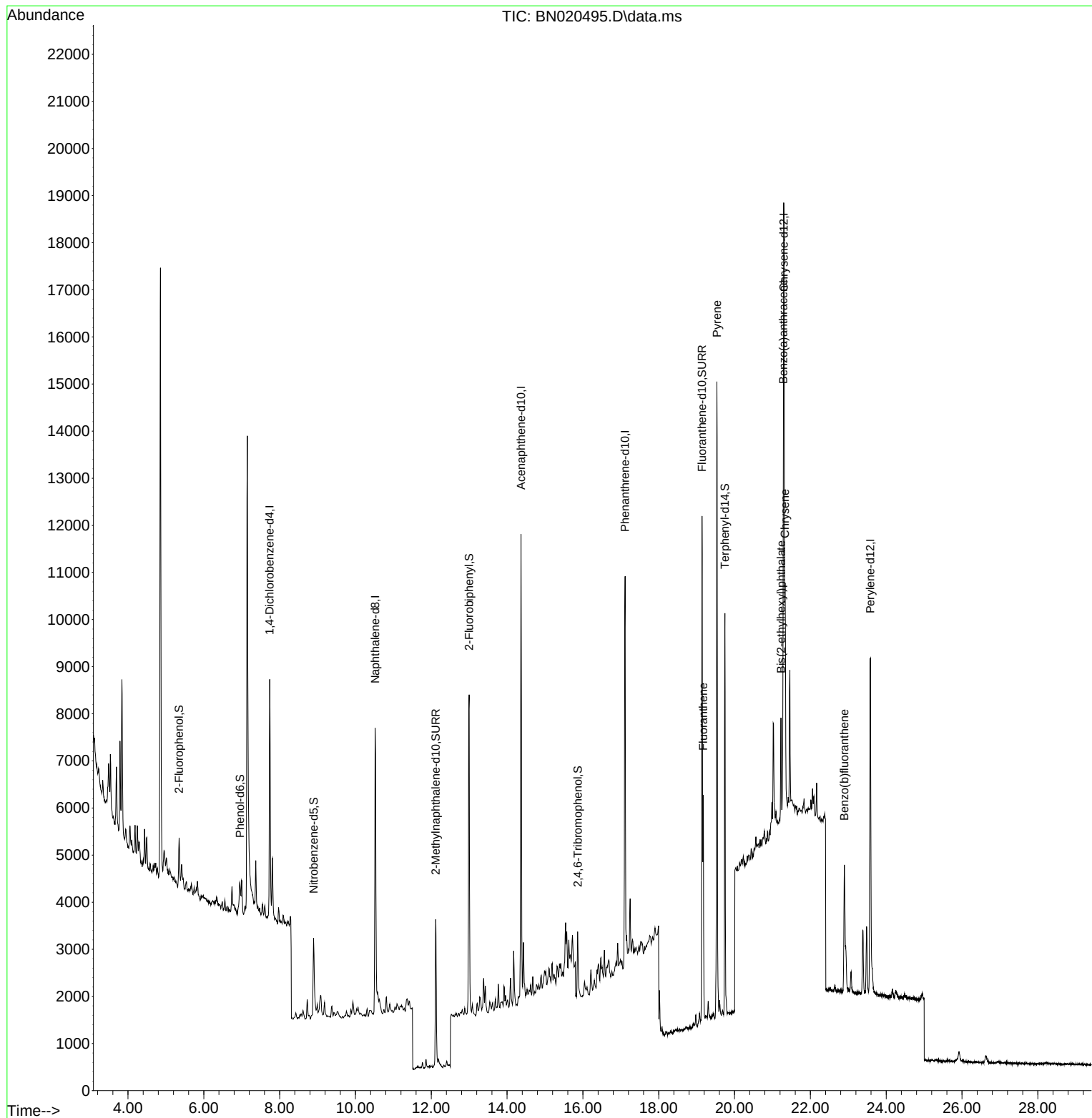
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
Data File : BN020495.D
Acq On : 27 Jun 2022 11:46
Operator : CG/JU
Sample : N3354-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

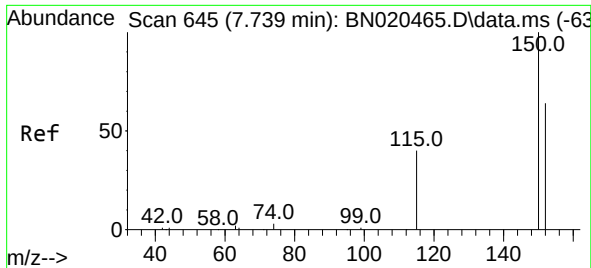
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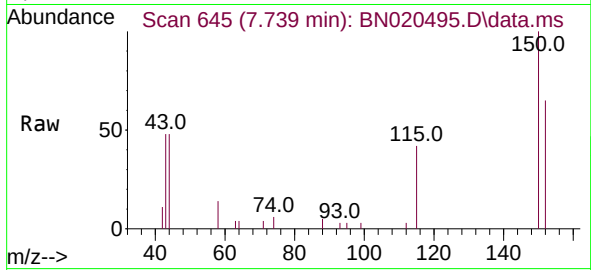
Quant Time: Jun 28 00:33:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 645
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

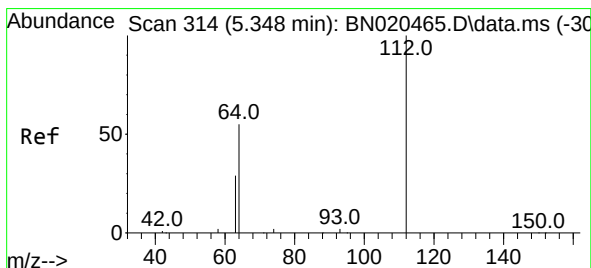
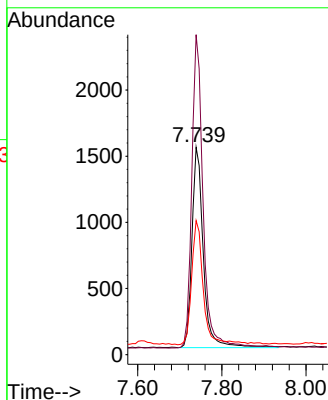
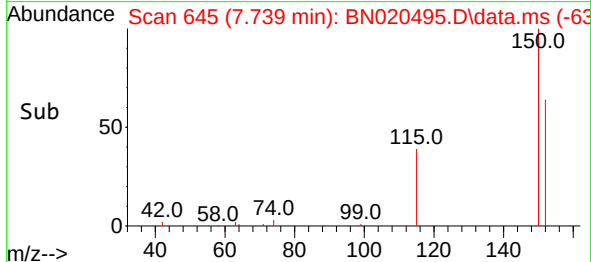
Instrument :
BNA_N
ClientSampleId :
MW-63



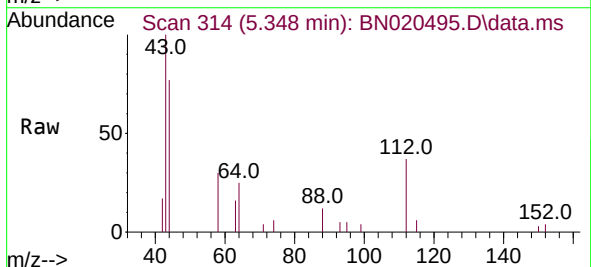
Tgt Ion:152 Resp: 2844
Ion Ratio Lower Upper
152 100
150 154.3 127.9 191.9
115 64.6 51.4 77.2

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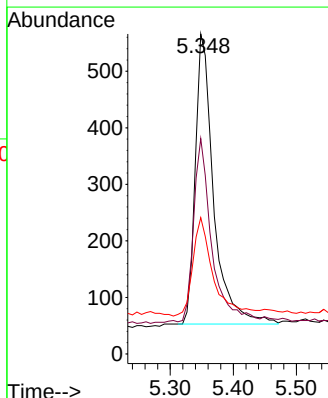
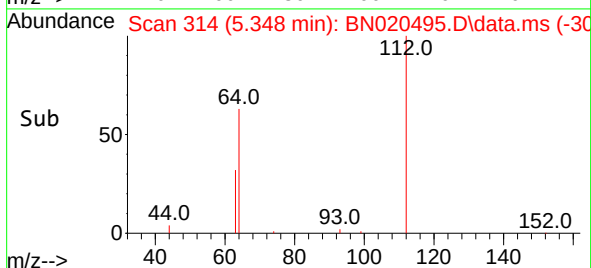
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

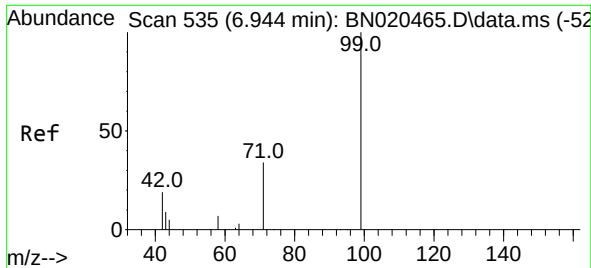


#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46



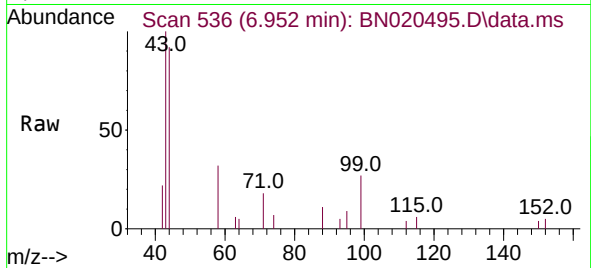
Tgt Ion:112 Resp: 1034
Ion Ratio Lower Upper
112 100
64 64.8 49.1 73.7
63 37.7 26.3 39.5





#5
Phenol-d6
Concen: 0.082 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

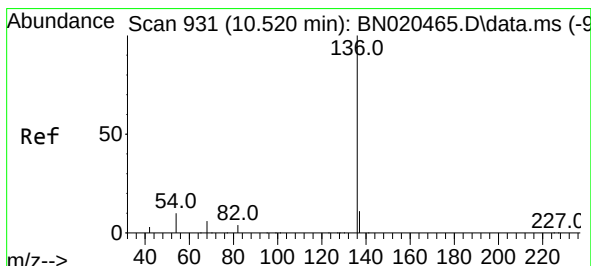
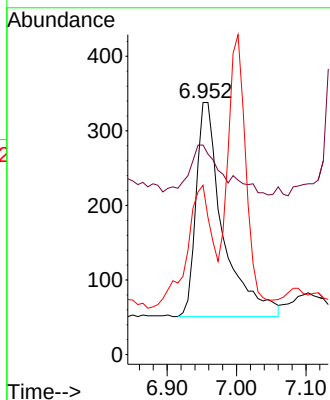
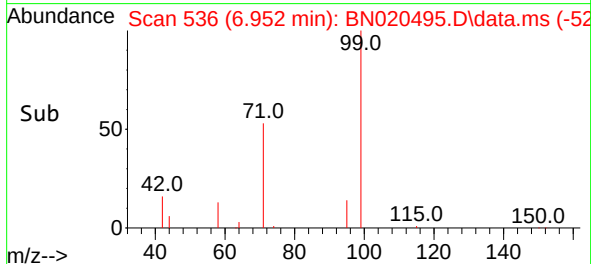
Instrument :
BNA_N
ClientSampleId :
MW-63



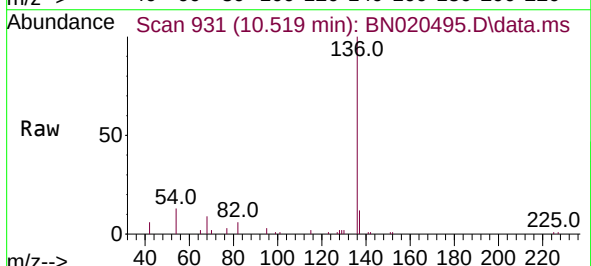
Tgt Ion: 99 Resp: 774
Ion Ratio Lower Upper
99 100
42 29.6 19.3 28.9#
71 54.1 27.5 41.3#

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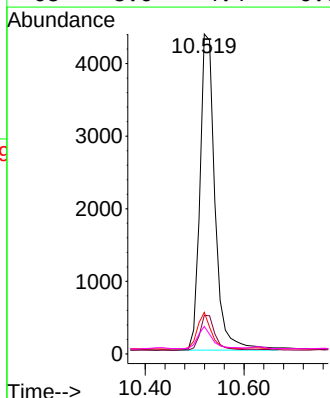
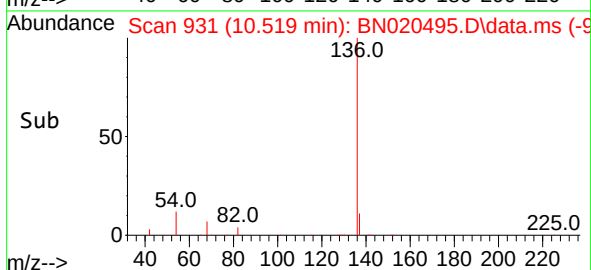
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

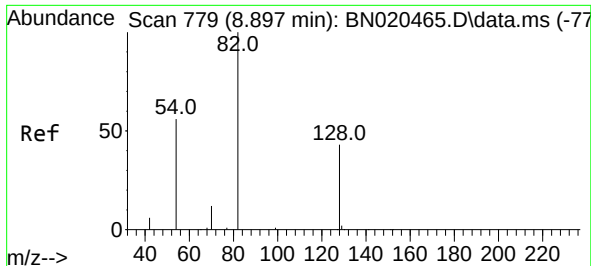


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46



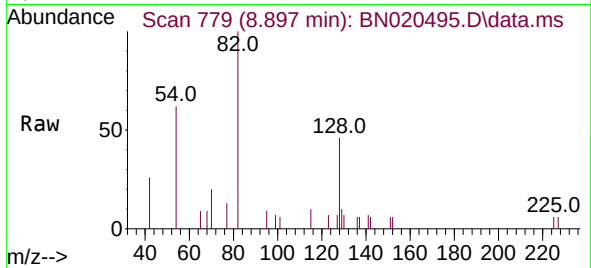
Tgt Ion:136 Resp: 9214
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 13.0 6.2 9.2#
68 8.6 4.4 6.6#





#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.897 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

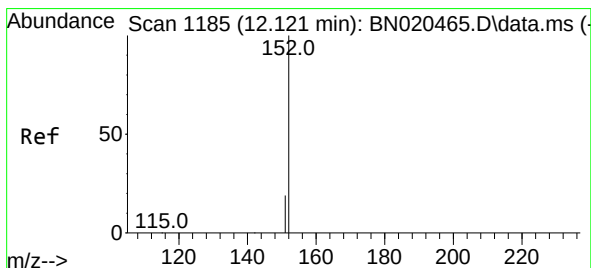
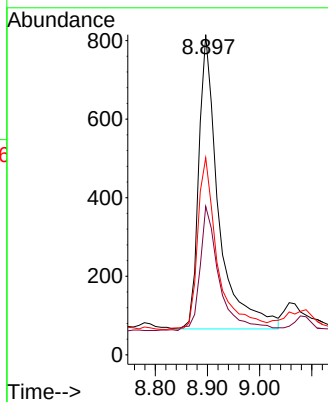
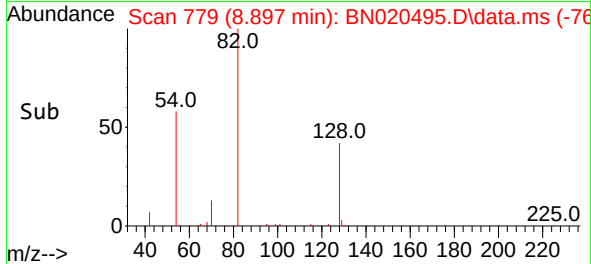
Instrument :
BNA_N
ClientSampleId :
MW-63



Tgt Ion: 82 Resp: 1994
Ion Ratio Lower Upper
82 100
128 46.4 35.0 52.6
54 61.6 46.2 69.4

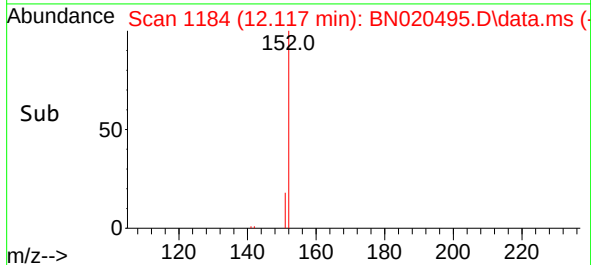
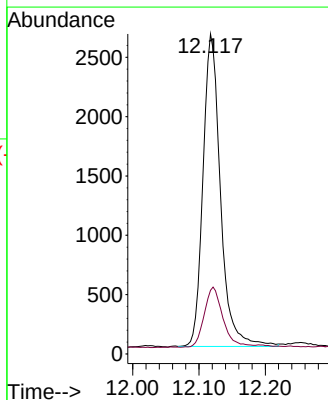
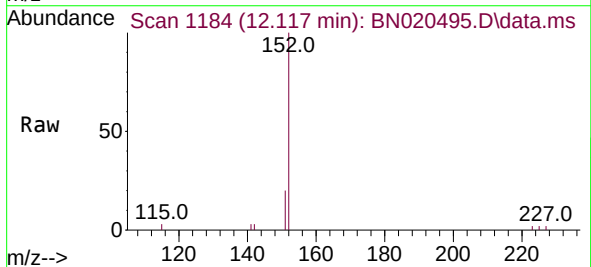
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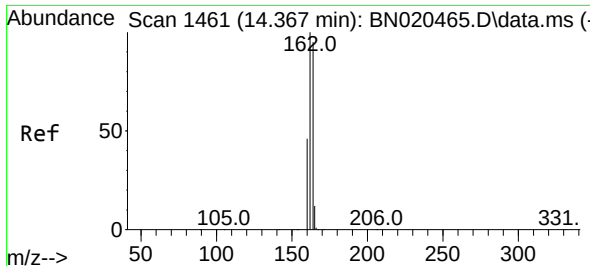
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022



#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

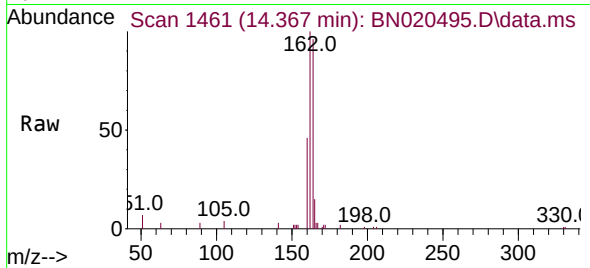
Tgt Ion:152 Resp: 4821
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

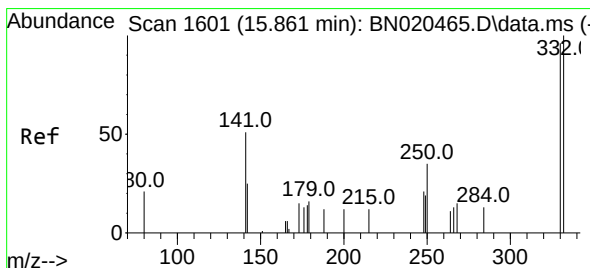
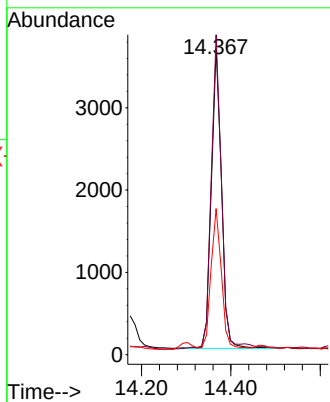
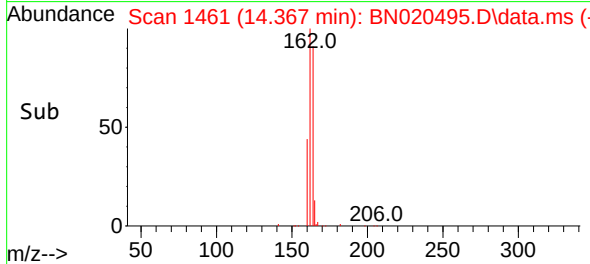
Instrument :
BNA_N
ClientSampleId :
MW-63



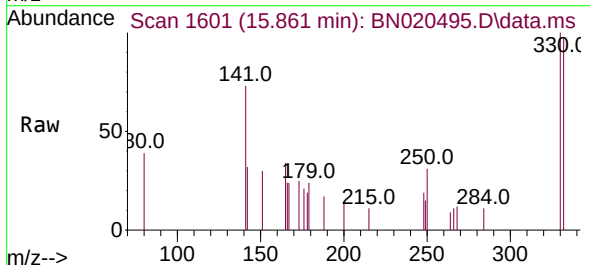
Tgt Ion:164 Resp: 5770
Ion Ratio Lower Upper
164 100
162 104.3 82.1 123.1
160 47.7 38.6 58.0

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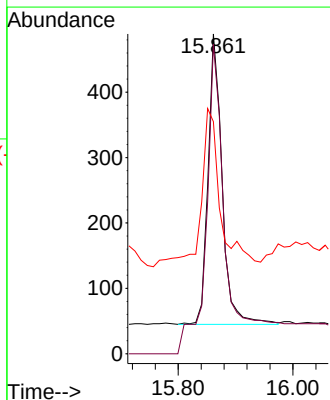
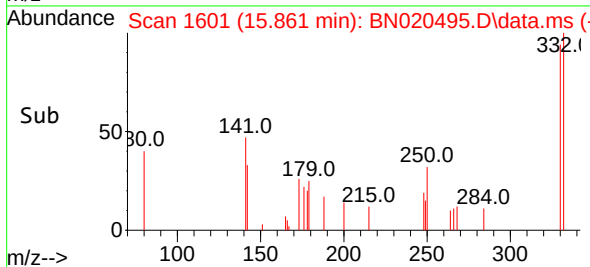
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

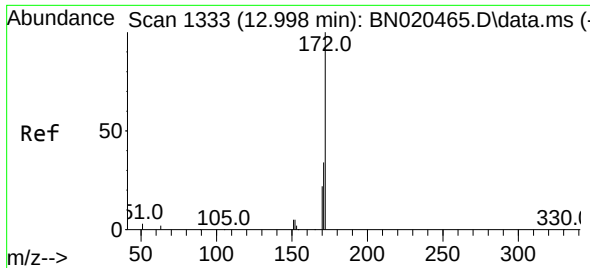


#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46



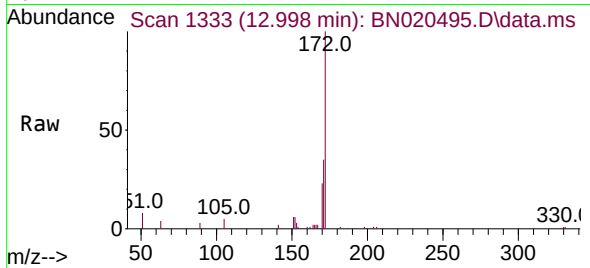
Tgt Ion:330 Resp: 758
Ion Ratio Lower Upper
330 100
332 153.6 77.6 116.4#
141 64.2 41.0 61.4#





#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.998 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

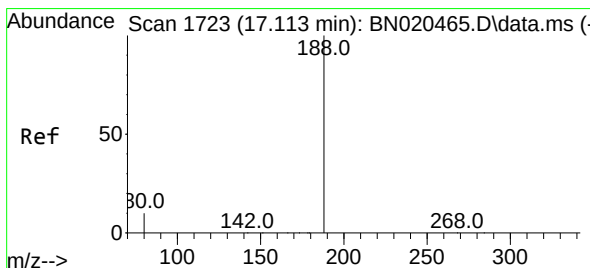
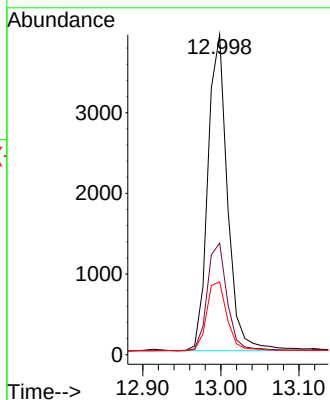
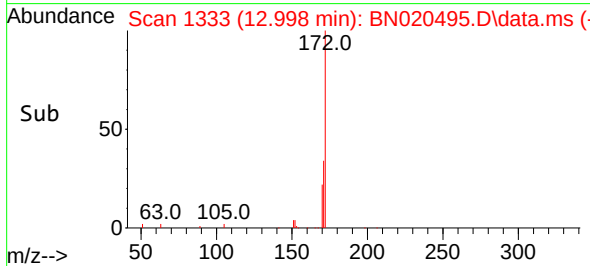
Instrument :
BNA_N
ClientSampleId :
MW-63



Tgt Ion:172 Resp: 6798
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 22.8 18.2 27.4

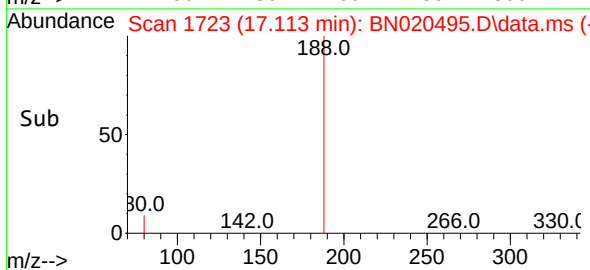
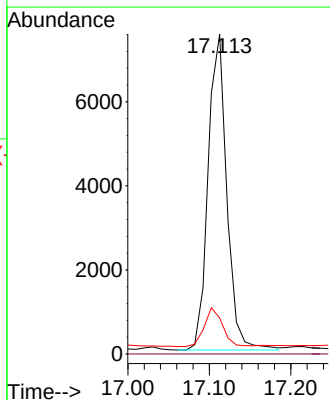
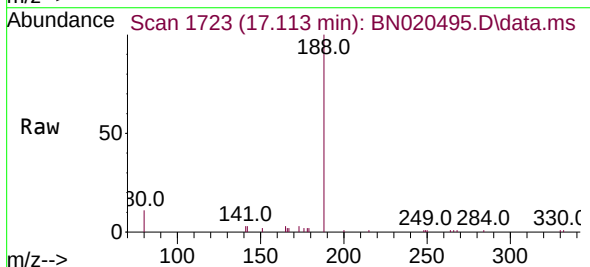
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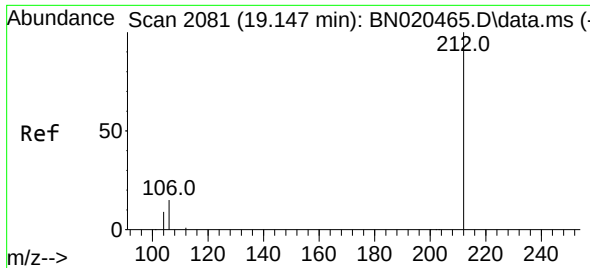
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

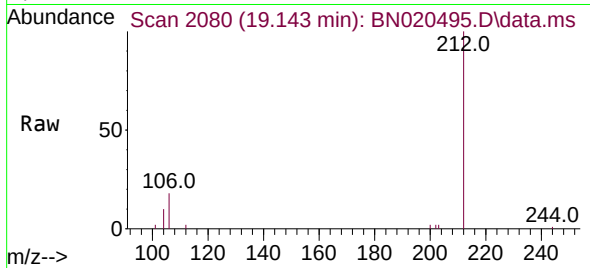
Tgt Ion:188 Resp: 11956
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.4 11.2#





#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.143 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

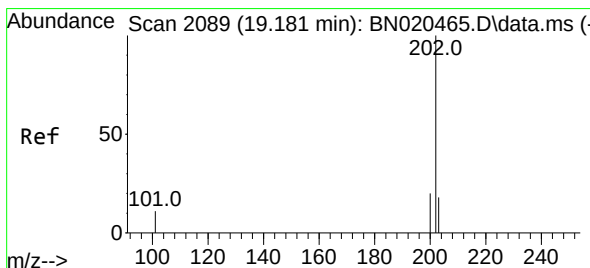
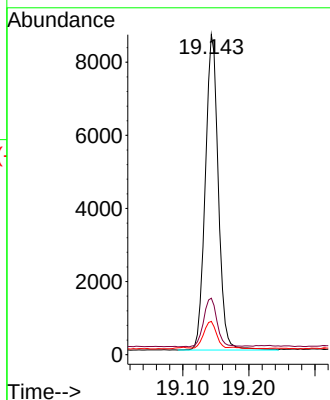
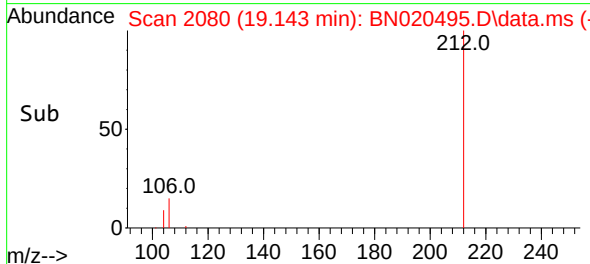
Instrument :
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Tgt Ion:212 Resp: 11810
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 8.1 7.2 10.8

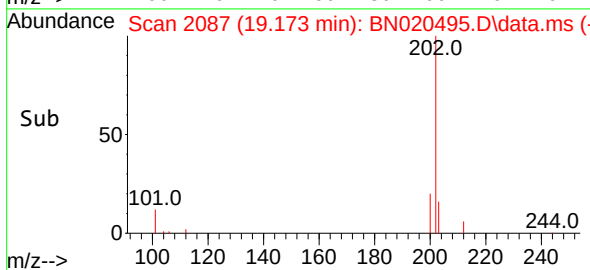
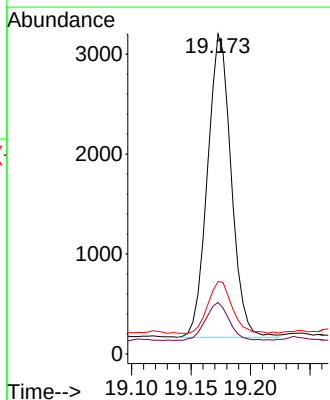
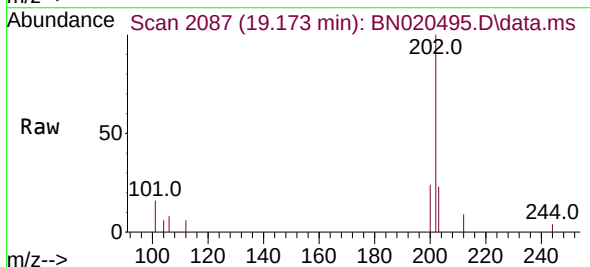
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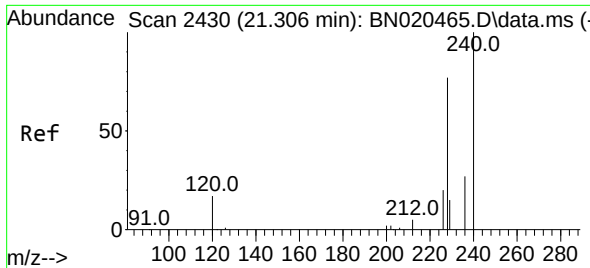
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022



#28
Fluoranthene
Concen: 0.096 ng
RT: 19.173 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

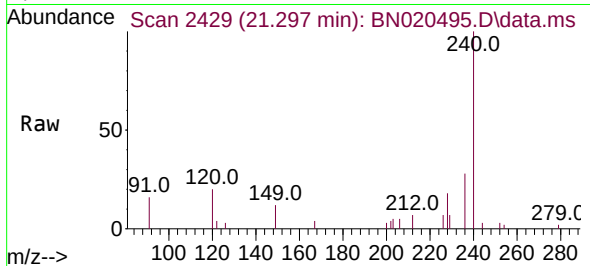
Tgt Ion:202 Resp: 4212
Ion Ratio Lower Upper
202 100
101 13.1 9.6 14.4
203 17.5 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.297 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

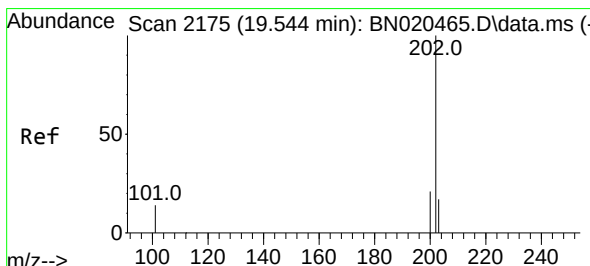
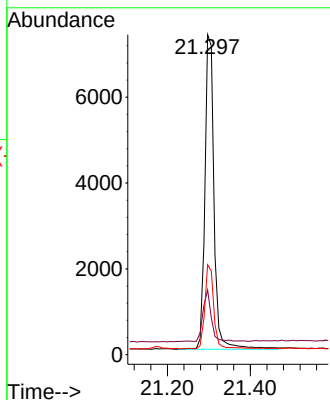
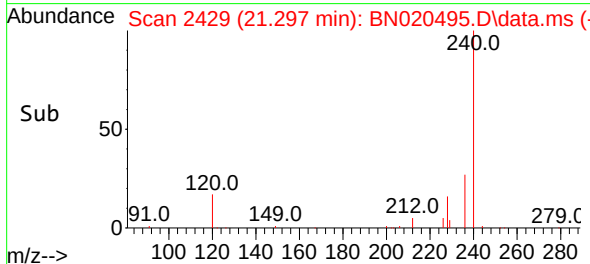
Instrument :
BNA_N
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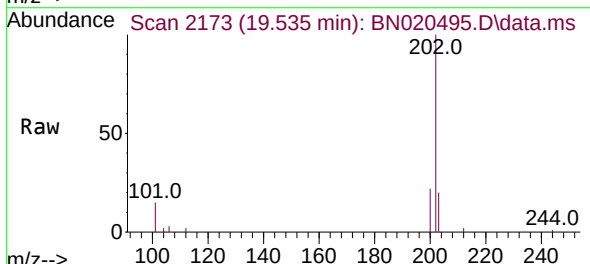
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Ion Ratio Lower Upper
240 100
120 20.2 14.6 21.8
236 28.1 22.6 33.8

Manual Integrations
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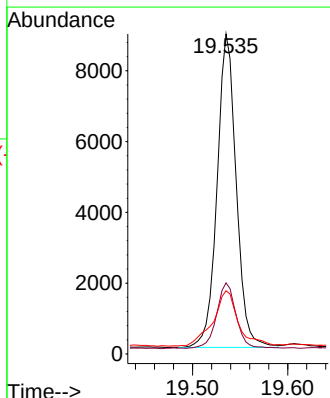
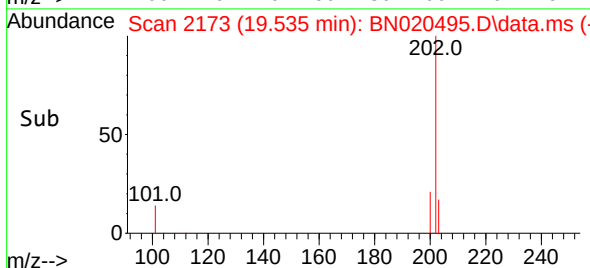
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

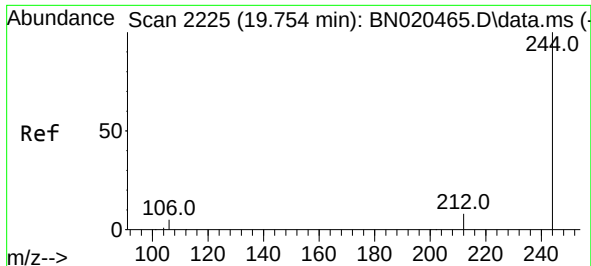


#30
Pyrene
Concen: 0.261 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46



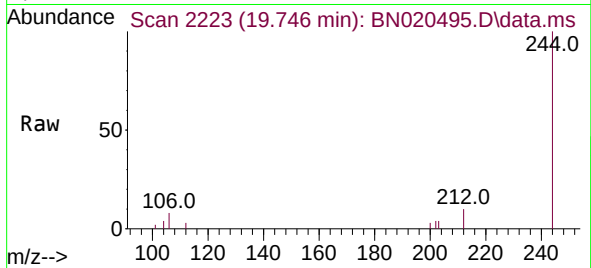
Tgt Ion:202 Resp: 12412
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 23.3 14.2 21.2#





#31
Terphenyl-d14
Concen: 0.344 ng
RT: 19.746 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

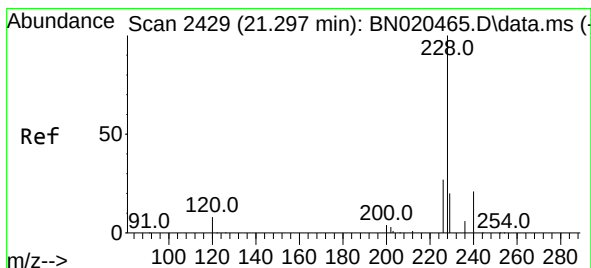
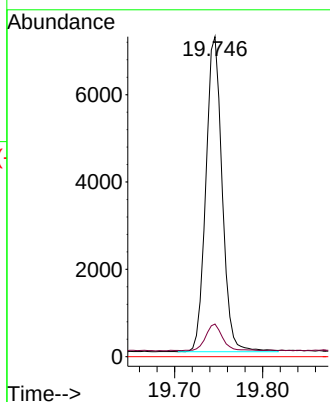
Instrument :
BNA_N
ClientSampleId :
MW-63



Tgt Ion:244 Resp: 925
Ion Ratio Lower Upper
244 100
212 10.2 7.1 10.7
122 0.0 0.0 0.0

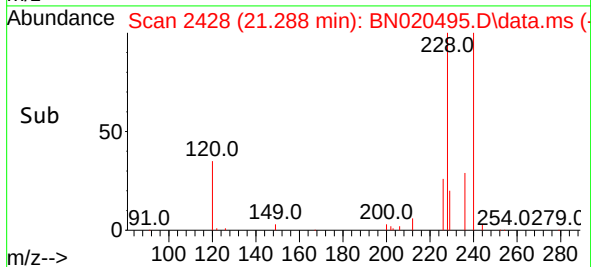
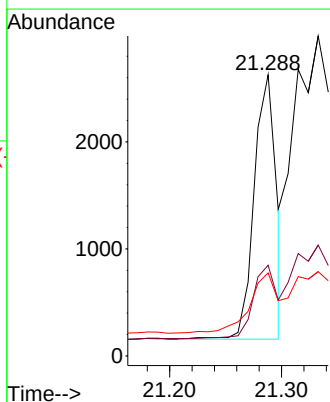
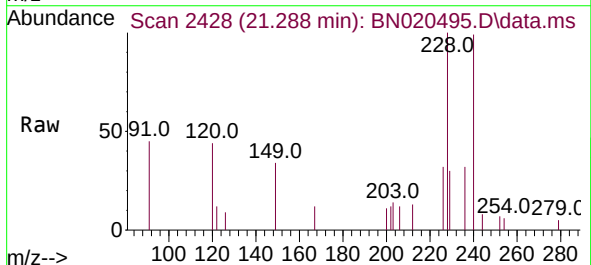
Manual Integrations
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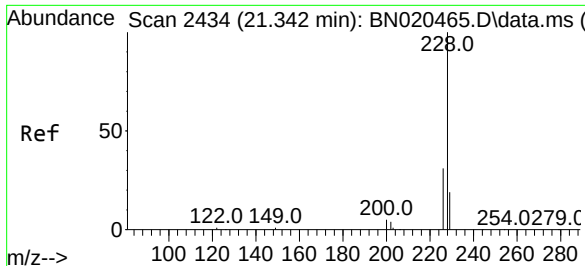
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022



#32
Benzo(a)anthracene
Concen: 0.085 ng
RT: 21.288 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

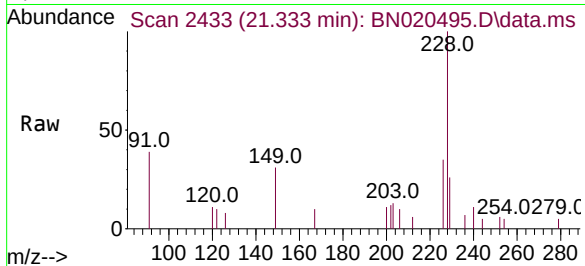
Tgt Ion:228 Resp: 3402
Ion Ratio Lower Upper
228 100
226 32.3 21.2 31.8#
229 29.5 15.6 23.4#





#33
Chrysene
Concen: 0.149 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

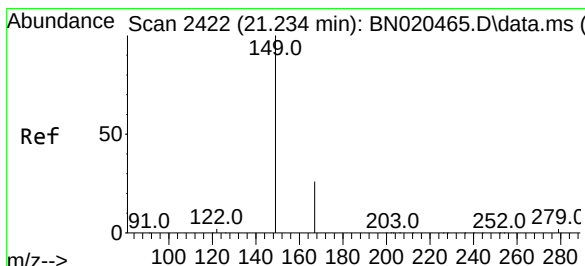
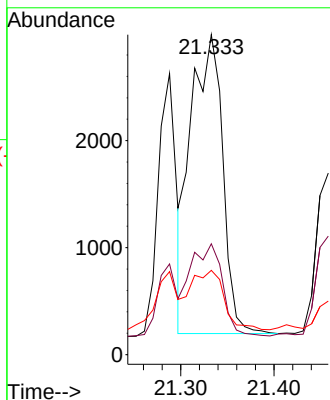
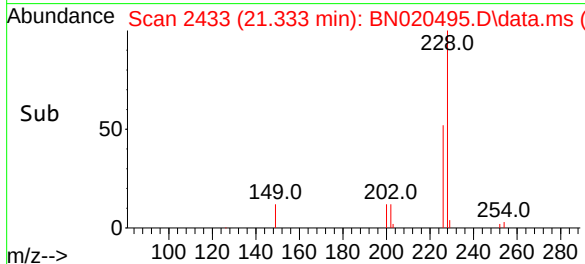
Instrument :
BNA_N
ClientSampleId :
MW-63



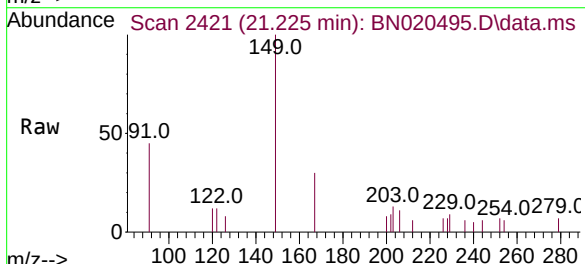
Tgt Ion:228 Resp: 6610
Ion Ratio Lower Upper
228 100
226 34.6 23.4 35.0
229 26.4 15.7 23.5

Manual Integrations
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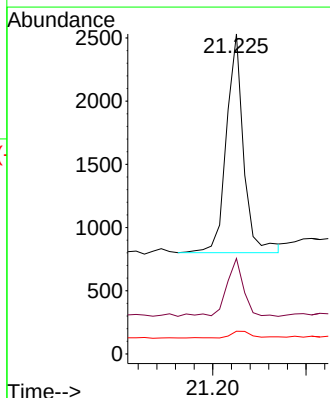
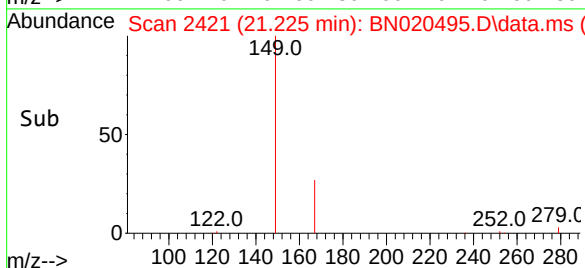
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

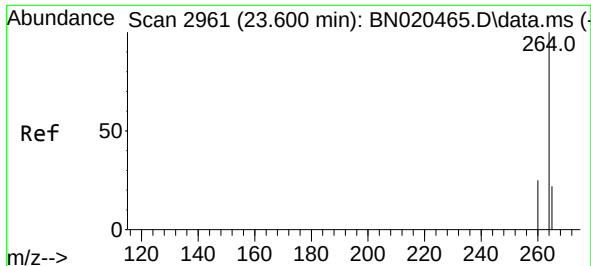


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.225 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46



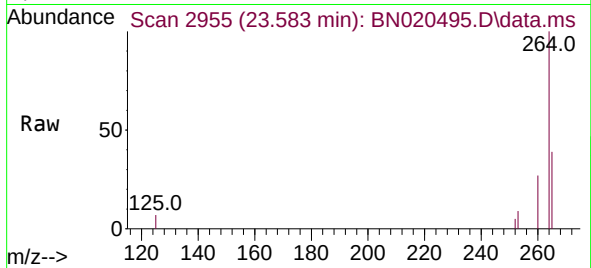
Tgt Ion:149 Resp: 2210
Ion Ratio Lower Upper
149 100
167 26.5 21.7 32.5
279 3.5 2.2 3.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.583 min Scan# 2961
Delta R.T. -0.018 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46

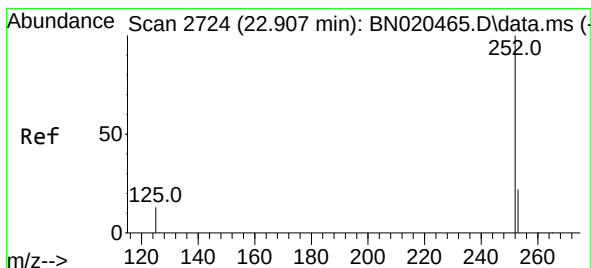
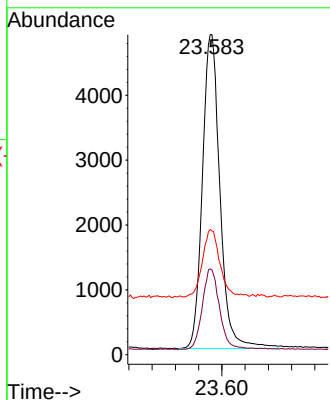
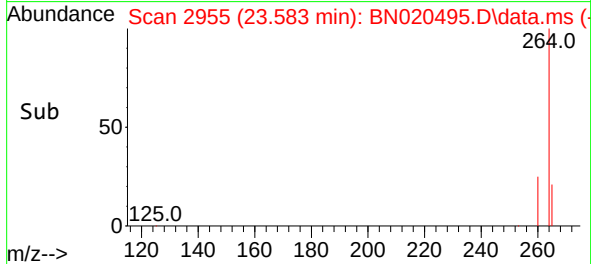
Instrument :
BNA_N
ClientSampleId :
MW-63



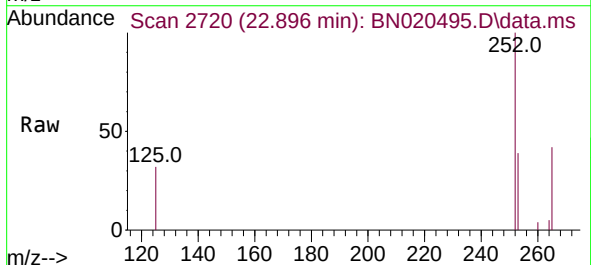
Tgt Ion:264 Resp: 1015
Ion Ratio Lower Upper
264 100
260 26.5 20.9 31.3
265 38.7 28.0 42.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022



#37
Benzo(b)fluoranthene
Concen: 0.104 ng m
RT: 22.896 min Scan# 2720
Delta R.T. -0.012 min
Lab File: BN020495.D
Acq: 27 Jun 2022 11:46



Tgt Ion:252 Resp: 4078
Ion Ratio Lower Upper
252 100
253 38.9 18.5 27.7#
125 31.7 11.4 17.0#

