

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
 Data File : BN023008.D
 Acq On : 01 Dec 2022 07:11
 Operator : CG/JU
 Sample : N5756-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20221119

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/01/2022
 Supervised By :Jagrut Upadhyay 12/01/2022

Quant Time: Dec 01 07:42:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5619	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	14651	0.400	ng	#-0.01
13) Acenaphthene-d10	14.698	164	6623	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	12777	0.400	ng	0.00
29) Chrysene-d12	21.625	240	8200	0.400	ng	# 0.00
35) Perylene-d12	24.109	264	6164	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1700	0.116	ng	0.00
5) Phenol-d6	7.204	99	1251	0.067	ng	0.00
8) Nitrobenzene-d5	9.217	82	3832m	0.337	ng	-0.01
11) 2-Methylnaphthalene-d10	12.458	152	5564	0.175	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	768	0.240	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	10754	0.355	ng	0.00
27) Fluoranthene-d10	19.469	212	9381	0.270	ng	0.00
31) Terphenyl-d14	20.058	244	7464	0.387	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.442	88	2426	0.340	ng	# 96
32) Benzo(a)anthracene	21.607	228	1044	0.032	ng	# 91
33) Chrysene	21.661	228	1297	0.038	ng	94
34) Bis(2-ethylhexyl)phtha...	21.536	149	1099	0.083	ng	91
36) Indeno(1,2,3-cd)pyrene	26.702	276	1040	0.041	ng	# 75
37) Benzo(b)fluoranthene	23.346	252	1197	0.044	ng	# 25
38) Benzo(k)fluoranthene	23.395	252	1066	0.036	ng	# 21
39) Benzo(a)pyrene	23.998	252	649	0.031	ng	# 1
40) Dibenzo(a,h)anthracene	26.731	278	868	0.043	ng	# 44
41) Benzo(g,h,i)perylene	27.509	276	1036	0.047	ng	# 65

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

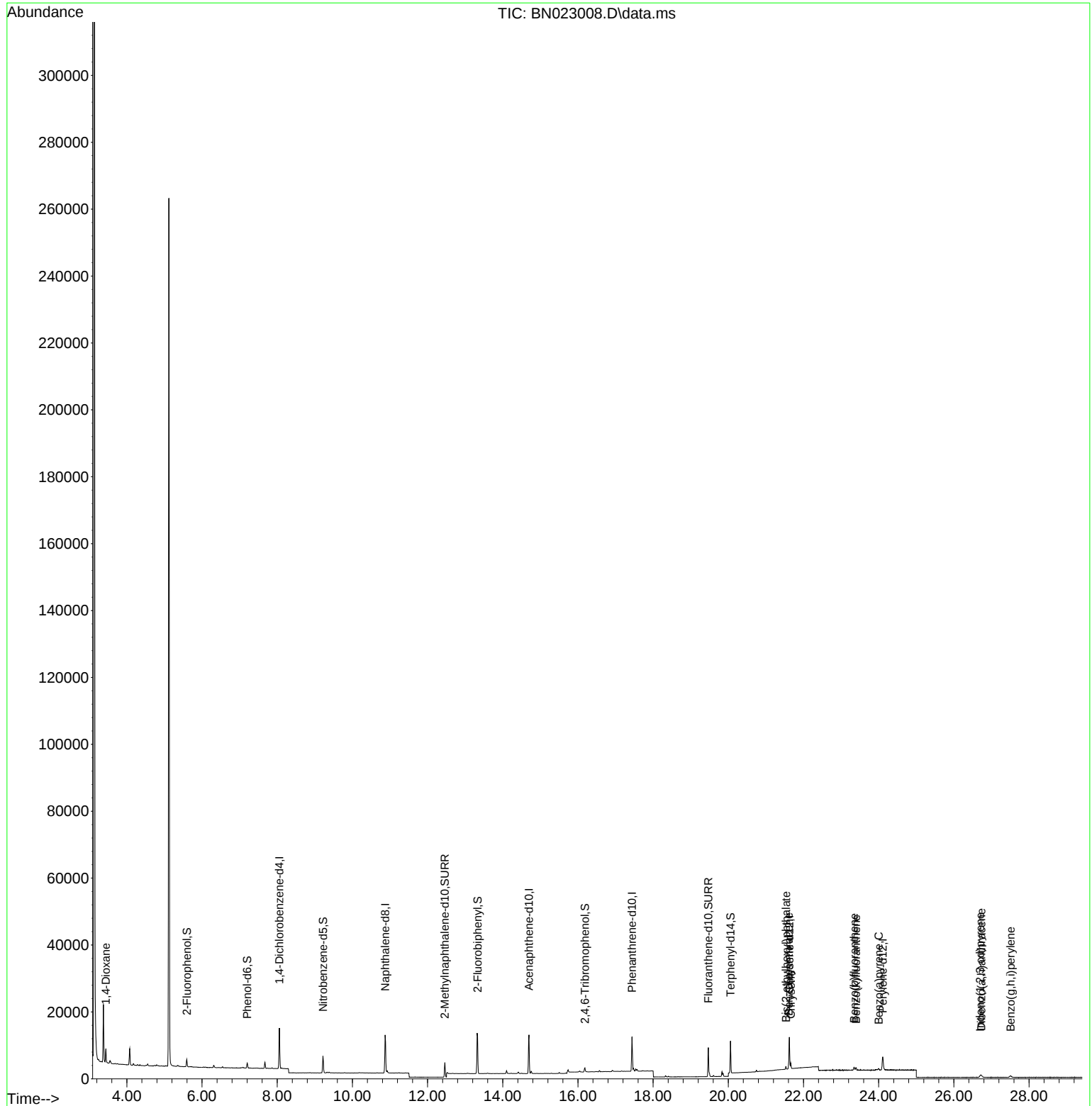
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Data File : BN023008.D
Acq On : 01 Dec 2022 07:11
Operator : CG/JU
Sample : N5756-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Dec 01 07:42:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

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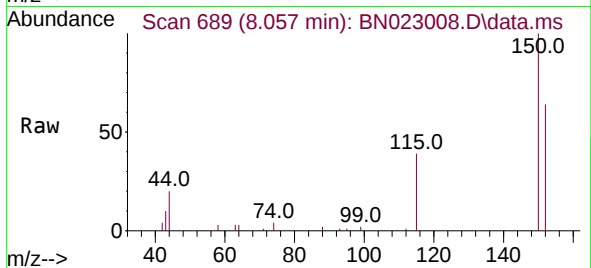
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 68
 Delta R.T. -0.007 min
 Lab File: BN023008.D
 Acq: 01 Dec 2022 07:11

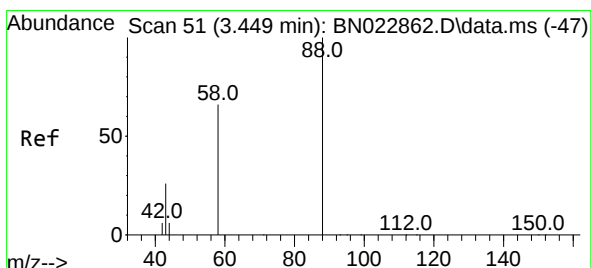
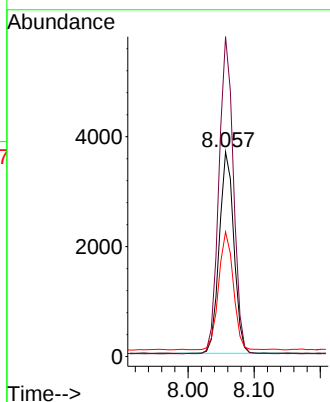
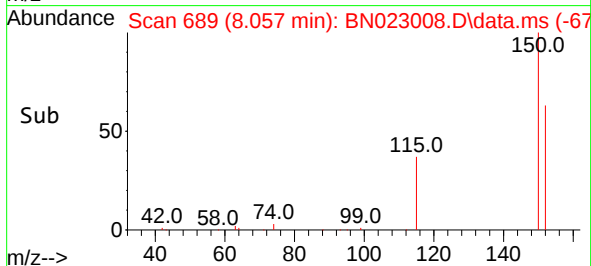
Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20221119



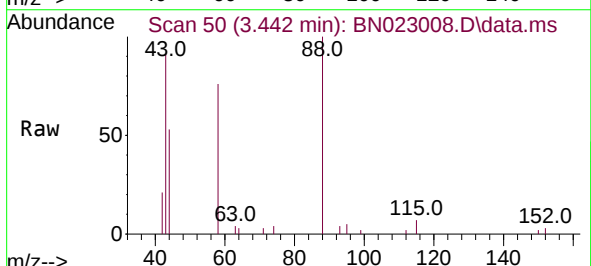
Tgt Ion:152 Resp: 5619
 Ion Ratio Lower Upper
 152 100
 150 156.4 121.2 181.8
 115 61.0 46.2 69.4

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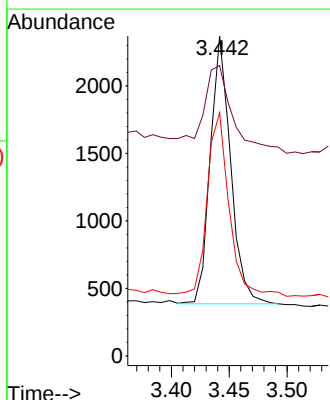
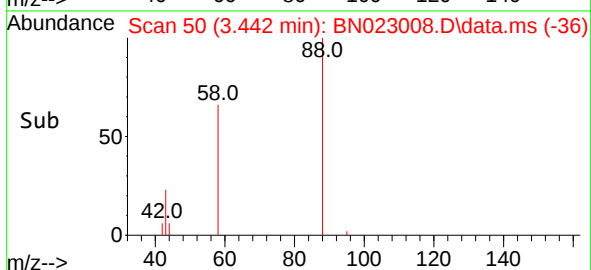
Reviewed By :Christian Giraldo 12/01/2022
 Supervised By :Jagrut Upadhyay 12/01/2022

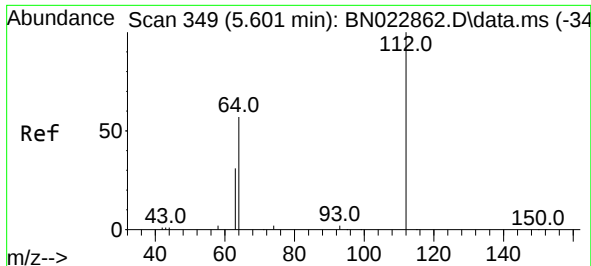


#2
 1,4-Dioxane
 Concen: 0.340 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN023008.D
 Acq: 01 Dec 2022 07:11



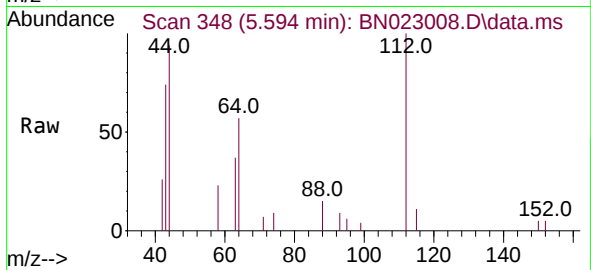
Tgt Ion: 88 Resp: 2426
 Ion Ratio Lower Upper
 88 100
 43 38.3 25.4 38.2
 58 70.1 56.5 84.7





#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.007 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

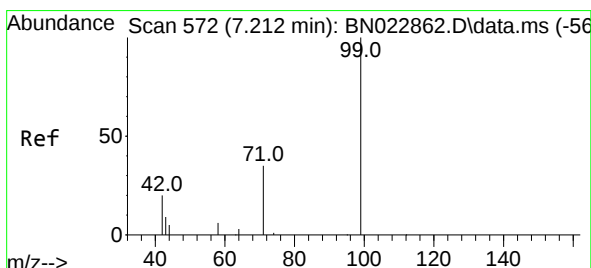
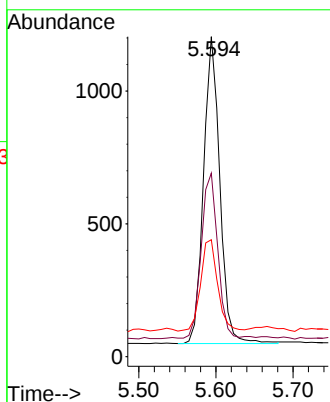
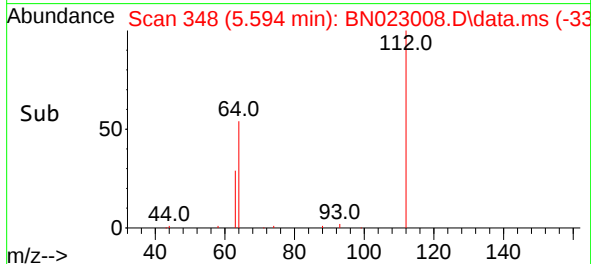
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Tgt Ion:112 Resp: 1700
Ion Ratio Lower Upper
112 100
64 55.1 43.4 65.2
63 31.2 23.4 35.2

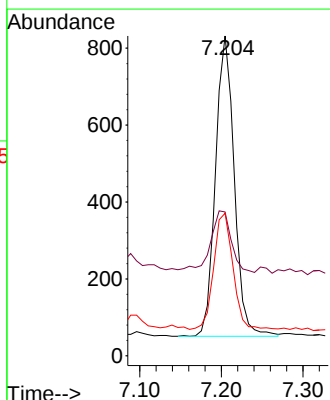
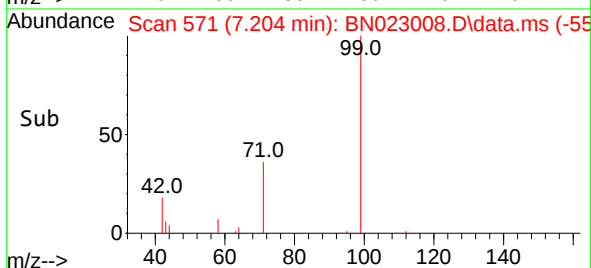
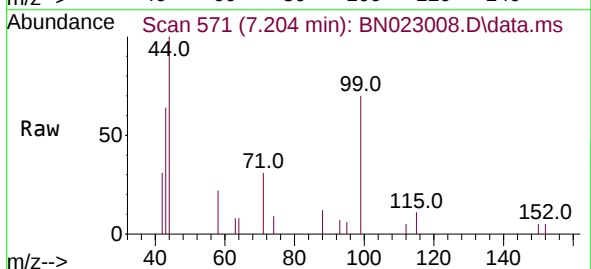
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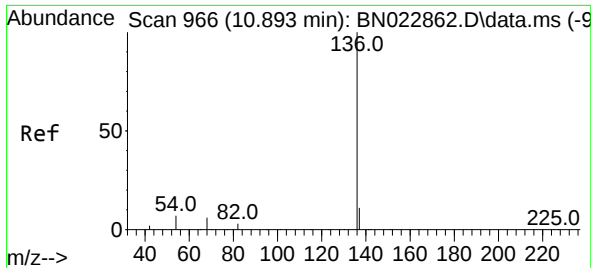
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#5
Phenol-d6
Concen: 0.067 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

Tgt Ion: 99 Resp: 1251
Ion Ratio Lower Upper
99 100
42 22.9 16.0 24.0
71 39.5 26.8 40.2





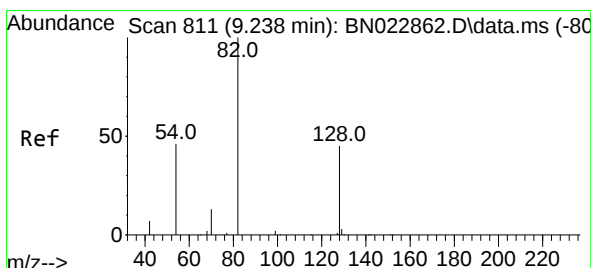
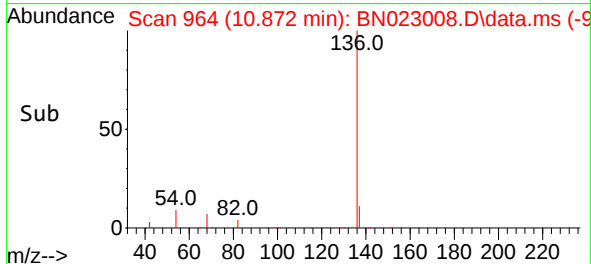
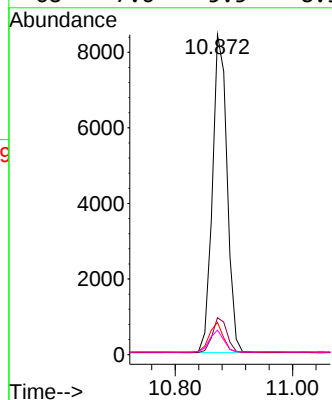
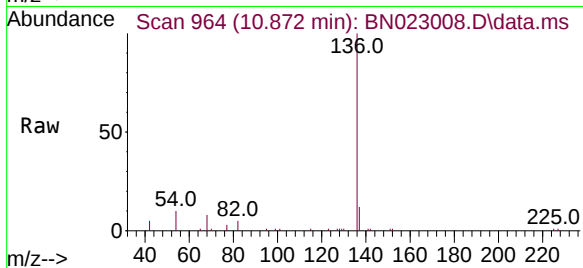
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.010 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

Instrument :
BNA_N
ClientSampleId :
TT162S1-20221119

Tgt Ion:136	Resp:	1465
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.4
54	10.1	6.6 9.8
68	7.6	5.5 8.3

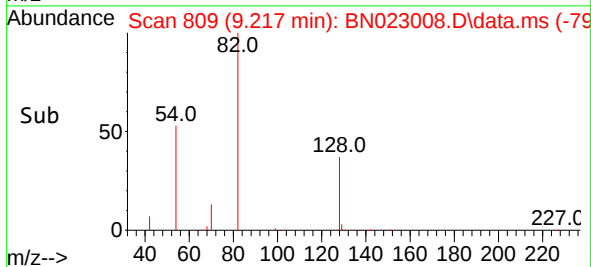
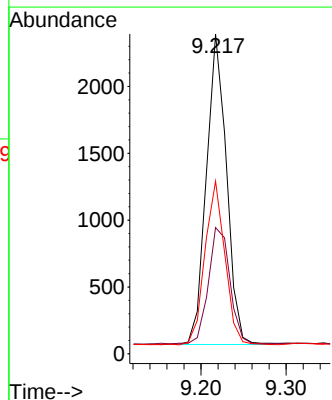
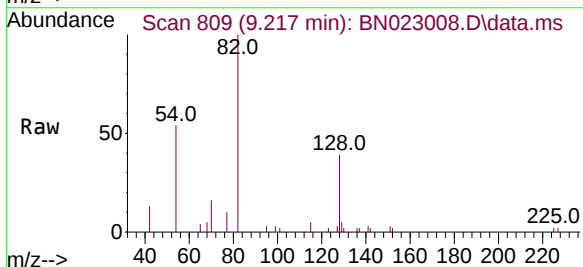
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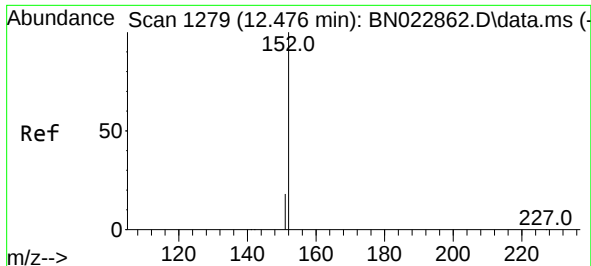
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#8
Nitrobenzene-d5
Concen: 0.337 ng m
RT: 9.217 min Scan# 809
Delta R.T. -0.010 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

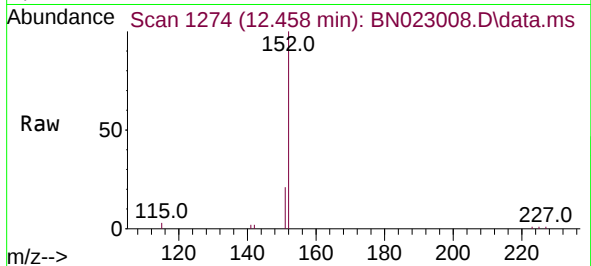
Tgt Ion: 82	Resp:	3832
Ion Ratio	Lower	Upper
82	100	
128	39.4	36.6 54.8
54	53.9	38.5 57.7





#11
2-Methylnaphthalene-d10
Concen: 0.175 ng
RT: 12.458 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

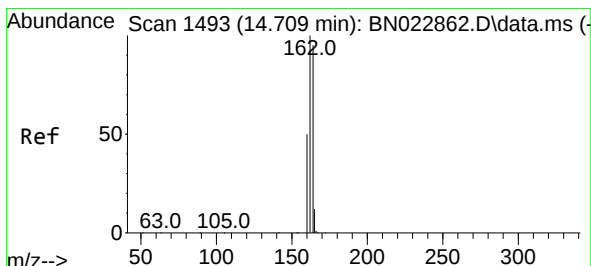
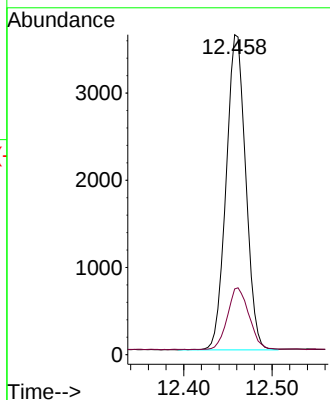
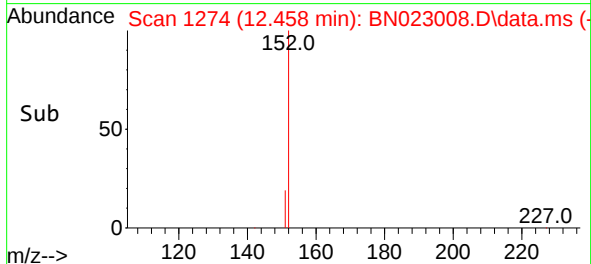
Instrument :
BNA_N
ClientSampleId :
TT162S1-20221119



Tgt Ion:152 Resp: 5564
Ion Ratio Lower Upper
152 100
151 25.7 18.6 27.8

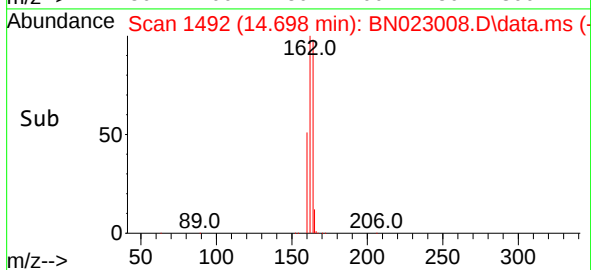
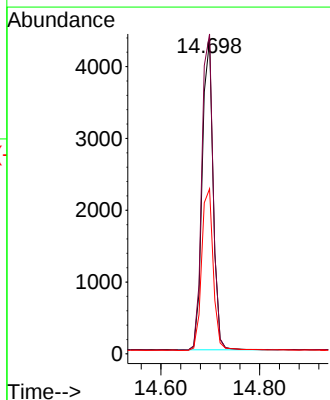
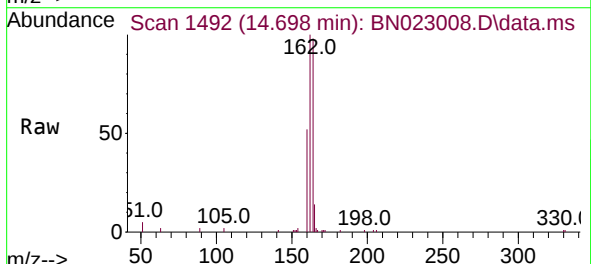
Manual Integrations
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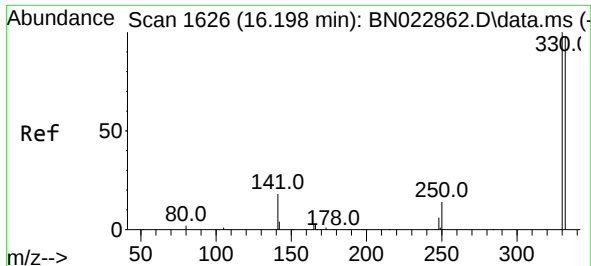
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

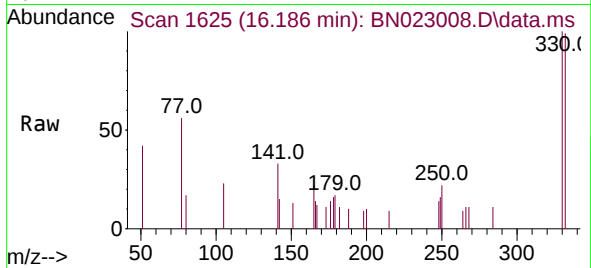
Tgt Ion:164 Resp: 6623
Ion Ratio Lower Upper
164 100
162 101.9 84.2 126.4
160 52.6 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

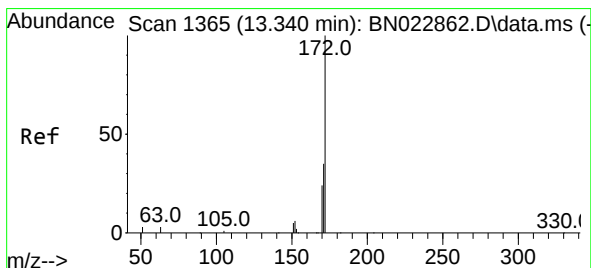
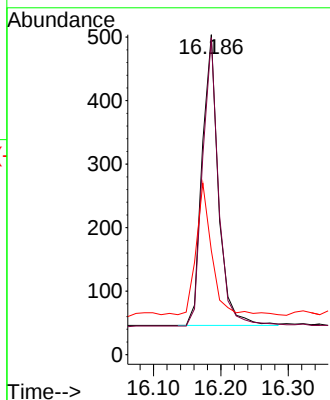
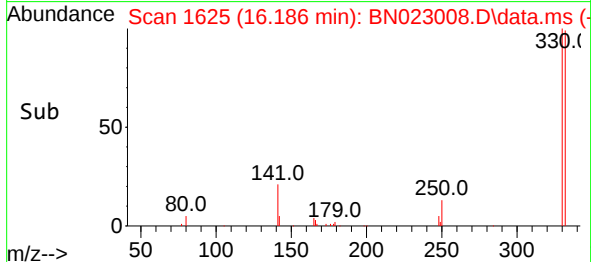
Instrument :
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TT162S1-20221119



Tgt Ion:330 Resp: 768
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 43.0 32.6 48.8

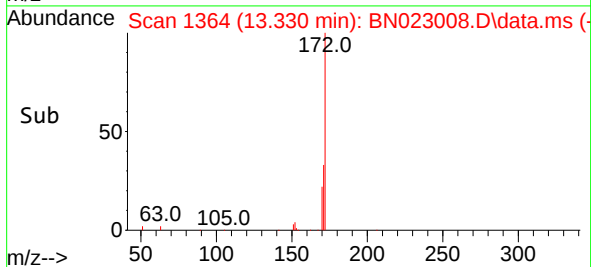
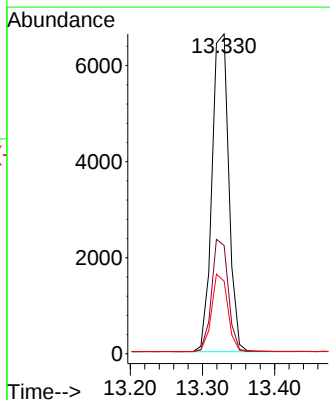
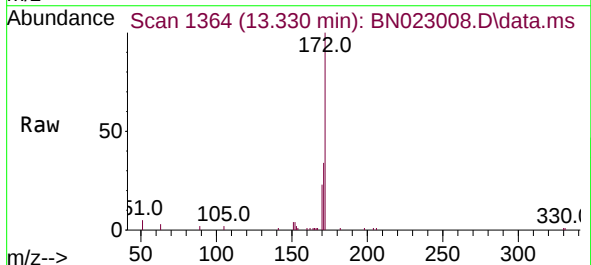
Manual Integrations
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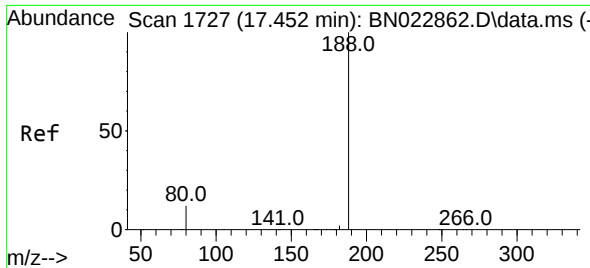
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

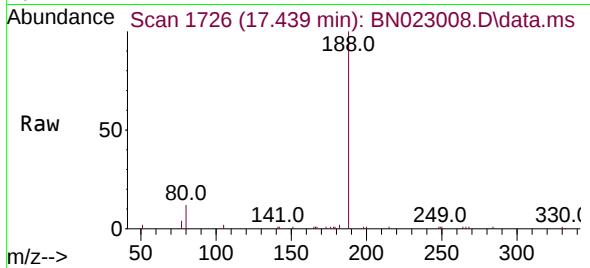
Tgt Ion:172 Resp: 10754
Ion Ratio Lower Upper
172 100
171 33.9 28.2 42.4
170 22.7 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

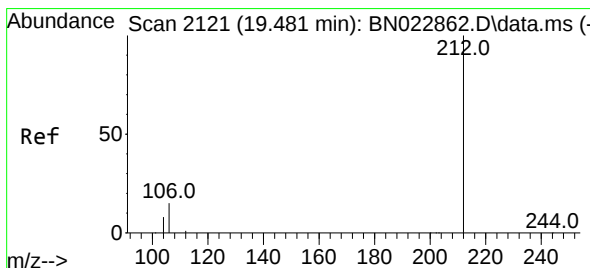
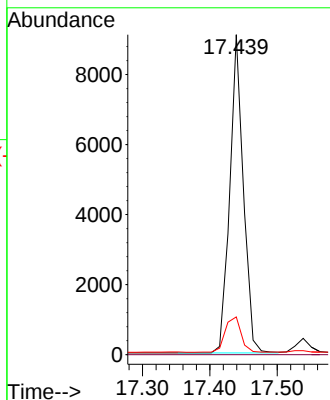
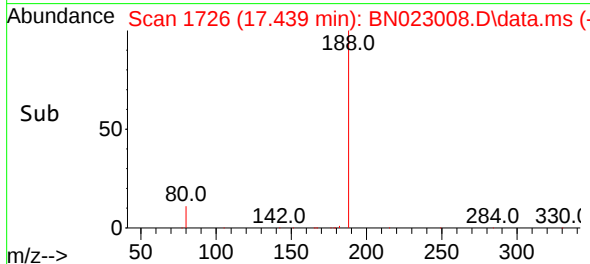
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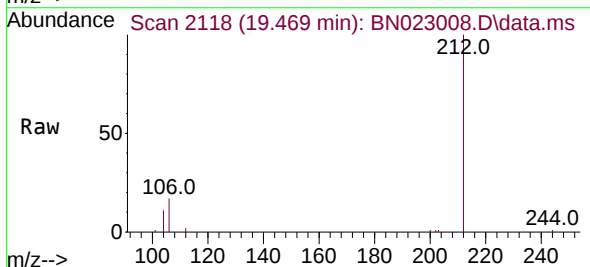
Tgt Ion:188 Resp: 12772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 10.3 15.5

Manual Integrations
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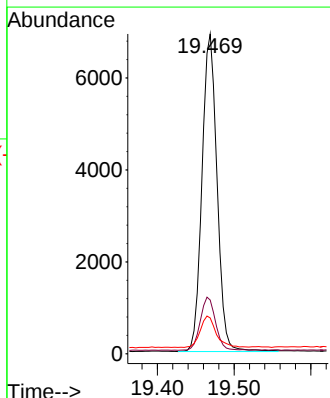
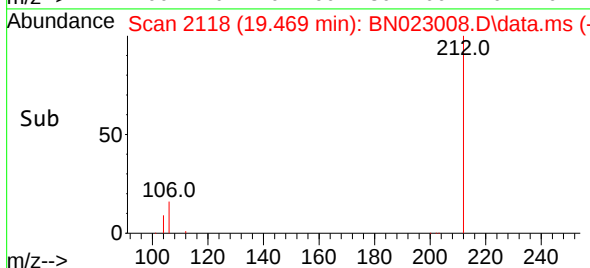
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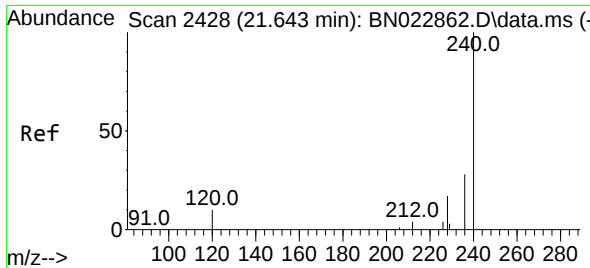


#27
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11



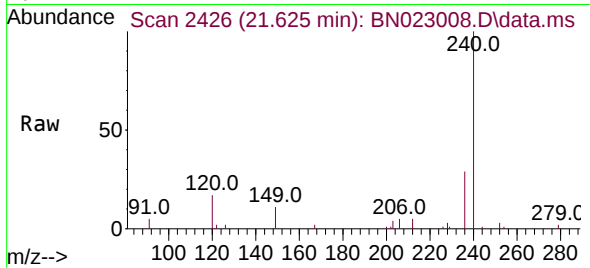
Tgt Ion:212 Resp: 9381
Ion Ratio Lower Upper
212 100
106 17.0 12.3 18.5
104 10.3 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

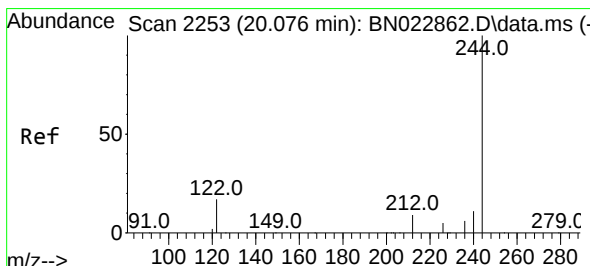
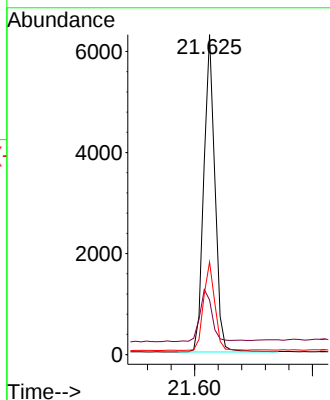
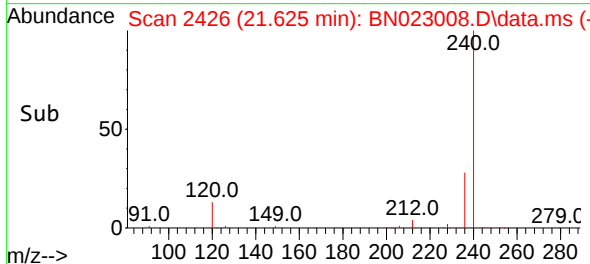
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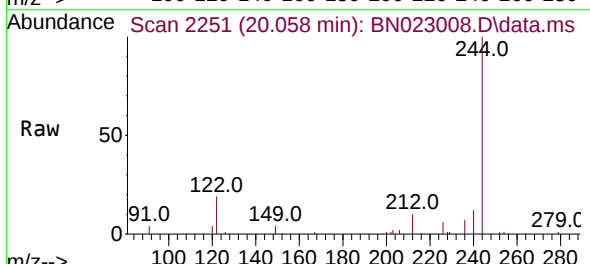
Tgt Ion:240 Resp: 8200
Ion Ratio Lower Upper
240 100
120 17.1 9.2 13.8
236 28.9 22.6 34.0

Manual Integrations
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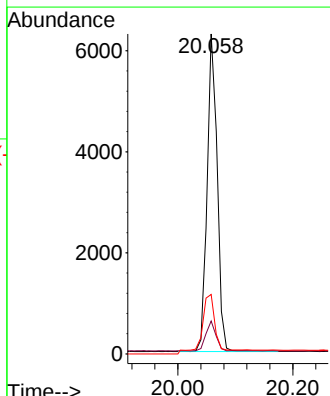
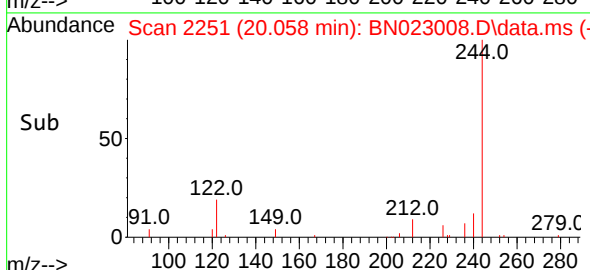
Reviewed By :Christian Giraldo 12/01/2022
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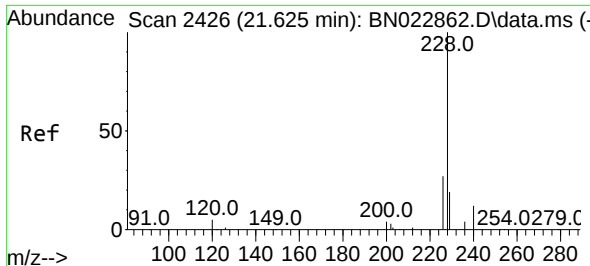


#31
Terphenyl-d14
Concen: 0.387 ng
RT: 20.058 min Scan# 2251
Delta R.T. -0.004 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11



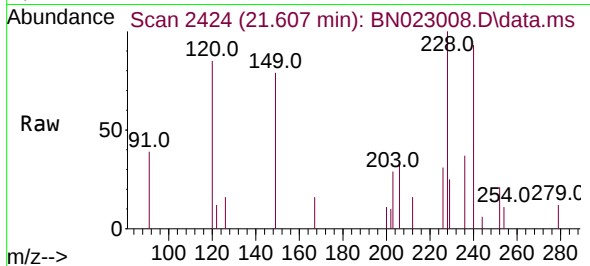
Tgt Ion:244 Resp: 7464
Ion Ratio Lower Upper
244 100
212 10.3 7.9 11.9
122 18.6 13.9 20.9





#32
Benzo(a)anthracene
Concen: 0.032 ng
RT: 21.607 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

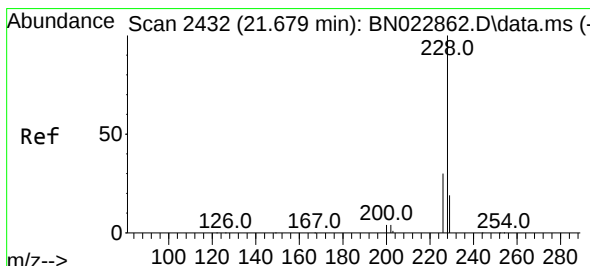
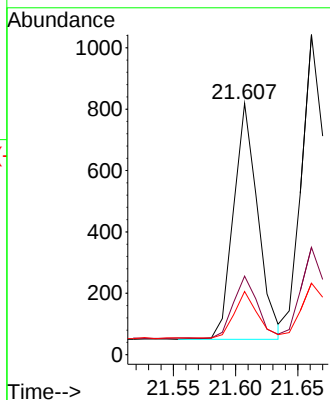
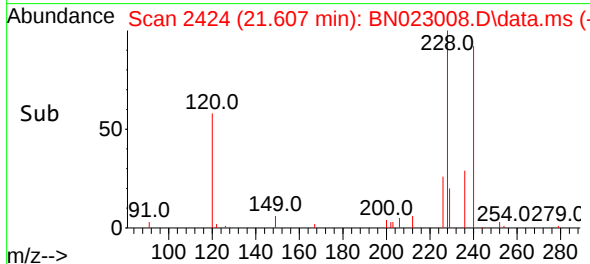
Instrument :
BNA_N
ClientSampleId :
TT162S1-20221119



Tgt Ion:228 Resp: 1044
Ion Ratio Lower Upper
228 100
226 31.3 22.1 33.1
229 25.2 15.8 23.6

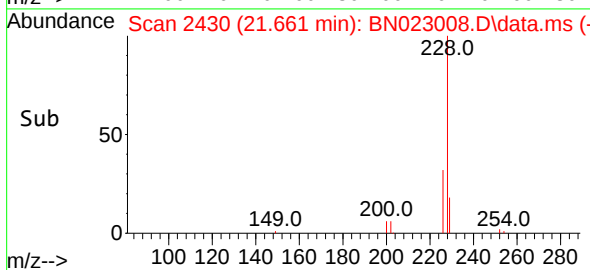
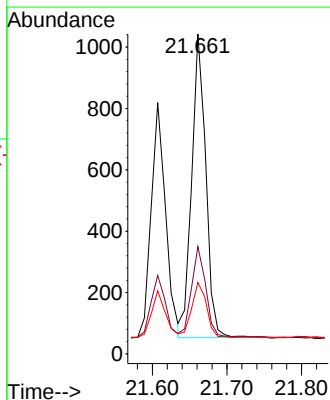
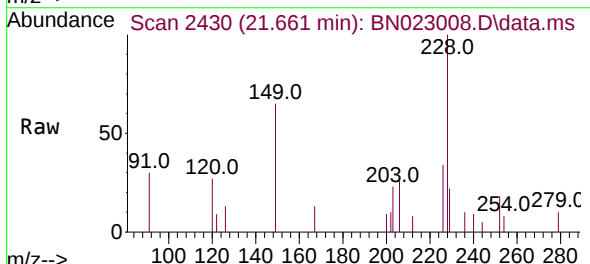
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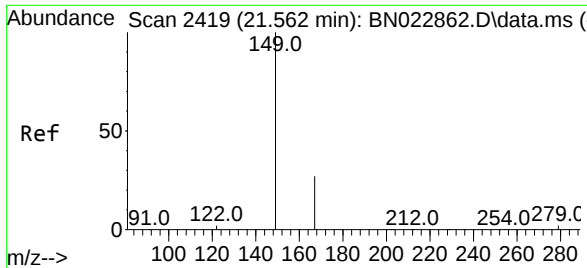
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#33
Chrysene
Concen: 0.038 ng
RT: 21.661 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

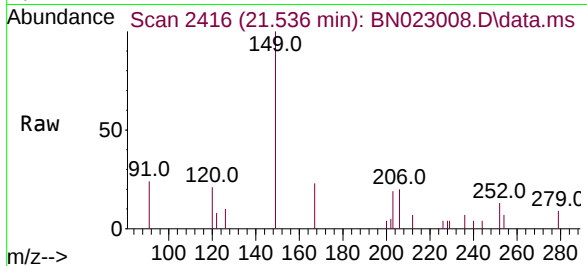
Tgt Ion:228 Resp: 1297
Ion Ratio Lower Upper
228 100
226 33.6 24.5 36.7
229 22.3 15.8 23.6





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.536 min Scan# 2416
 Delta R.T. -0.004 min
 Lab File: BN023008.D
 Acq: 01 Dec 2022 07:11

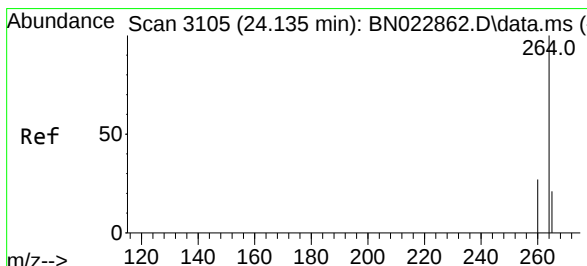
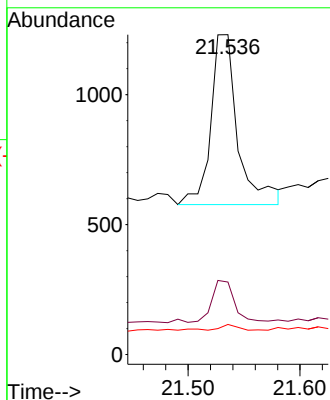
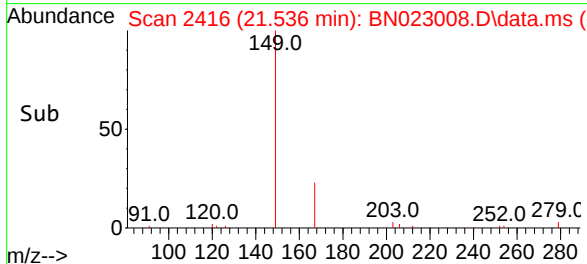
Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20221119



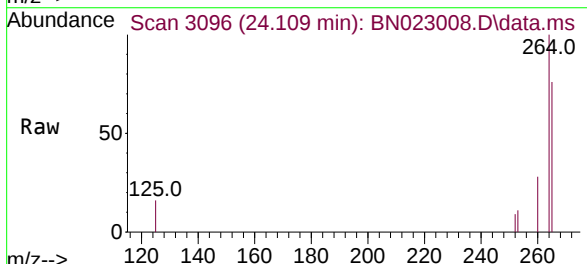
Tgt Ion:149 Resp: 1099
 Ion Ratio Lower Upper
 149 100
 167 21.6 21.3 31.9
 279 2.5 2.3 3.5

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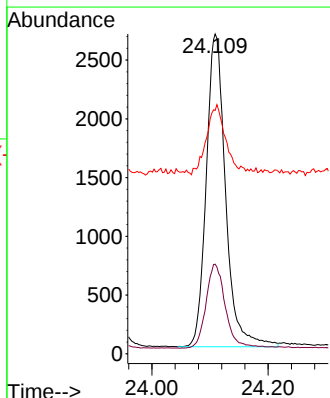
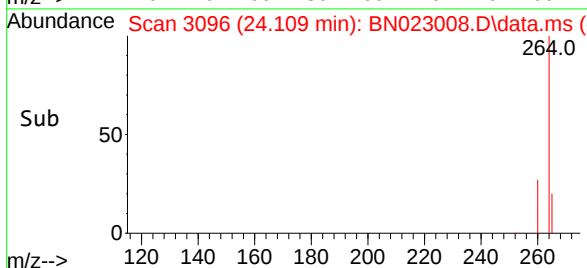
Reviewed By :Christian Giraldo 12/01/2022
 Supervised By :Jagrut Upadhyay 12/01/2022

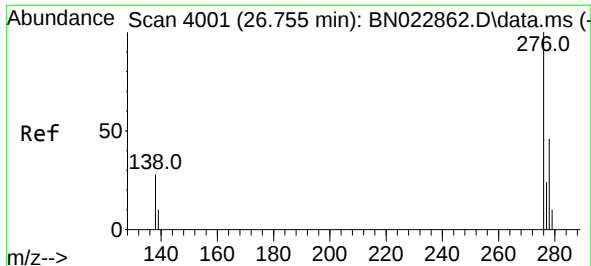


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.109 min Scan# 3096
 Delta R.T. -0.004 min
 Lab File: BN023008.D
 Acq: 01 Dec 2022 07:11



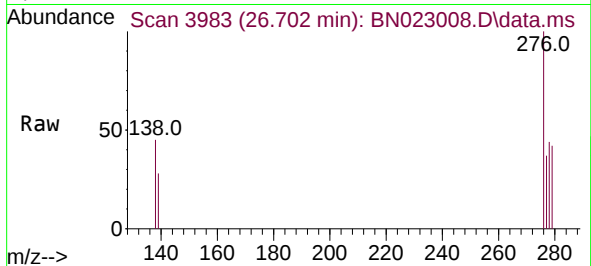
Tgt Ion:264 Resp: 6164
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.7 32.5
 265 76.1 31.0 46.4#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng
RT: 26.702 min Scan# 3983
Delta R.T. -0.016 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

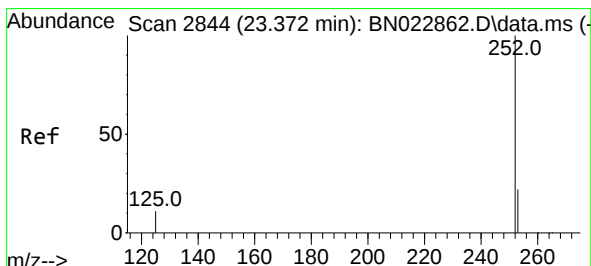
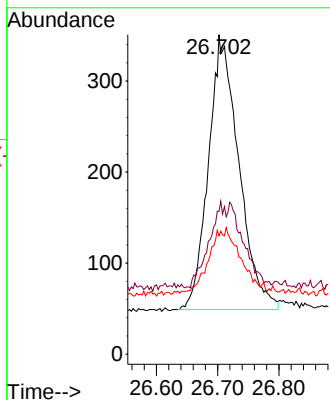
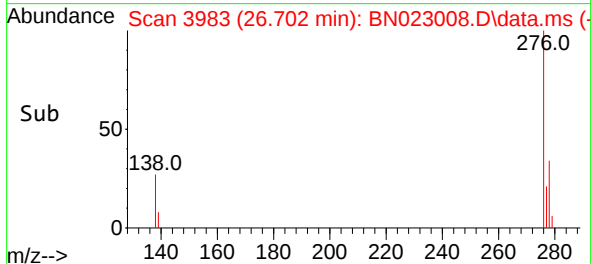
Instrument :
BNA_N
ClientSampleId :
TT162S1-20221119



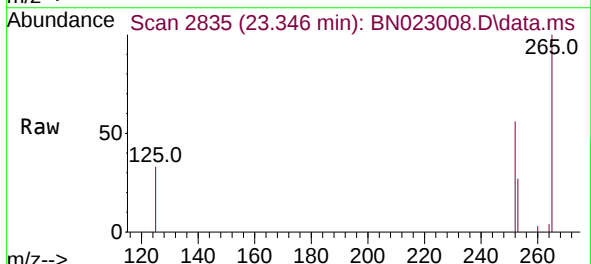
Tgt Ion:276 Resp: 1040
Ion Ratio Lower Upper
276 100
138 17.1 24.4 36.6#
277 12.2 19.9 29.9#

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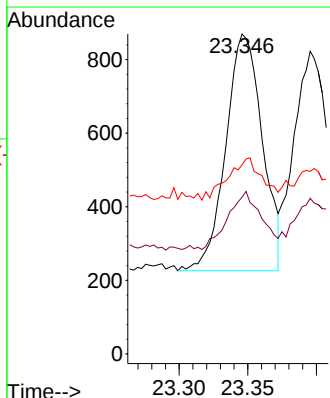
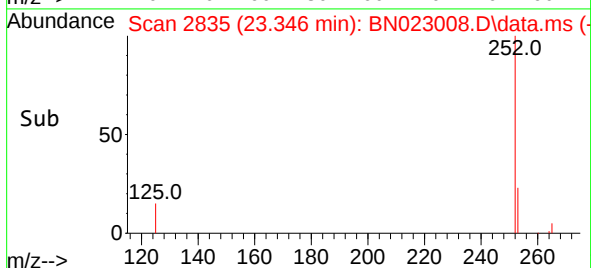
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

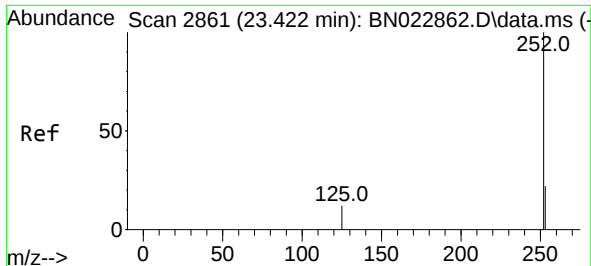


#37
Benzo(b)fluoranthene
Concen: 0.044 ng
RT: 23.346 min Scan# 2835
Delta R.T. -0.004 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11



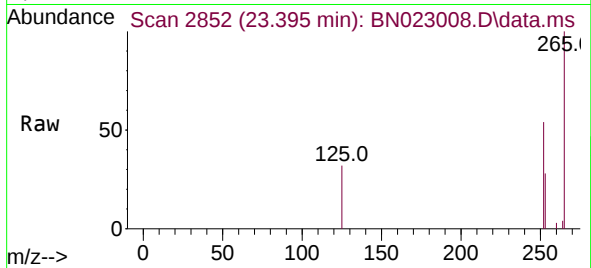
Tgt Ion:252 Resp: 1197
Ion Ratio Lower Upper
252 100
253 49.0 18.5 27.7#
125 59.1 10.8 16.2#





#38
Benzo(k)fluoranthene
Concen: 0.036 ng
RT: 23.395 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

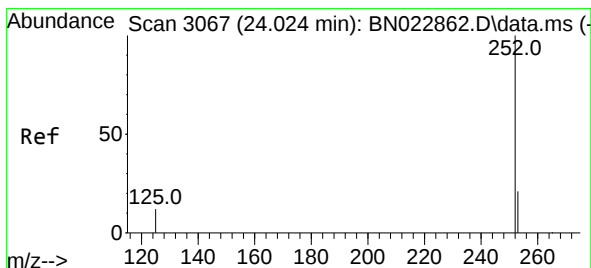
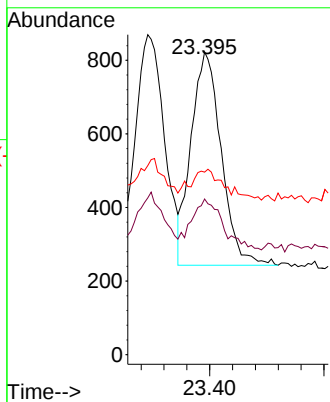
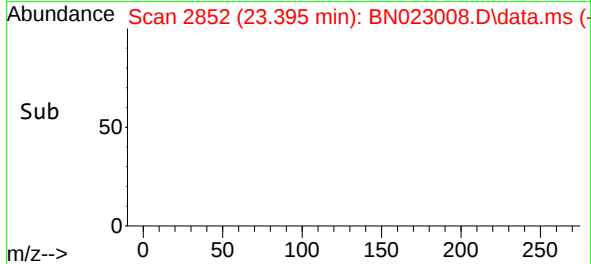
Instrument :
BNA_N
ClientSampleId :
TT162S1-20221119



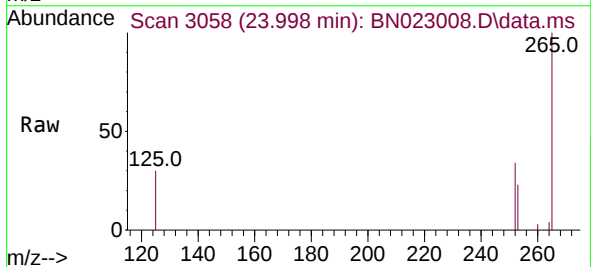
Tgt Ion:252 Resp: 1066
Ion Ratio Lower Upper
252 100
253 51.4 18.6 27.8#
125 60.3 11.0 16.4#

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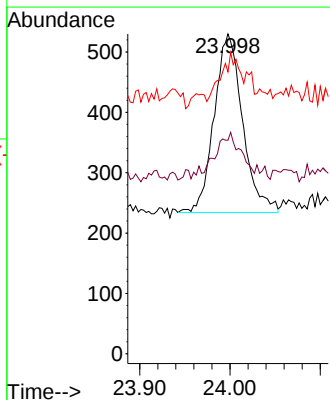
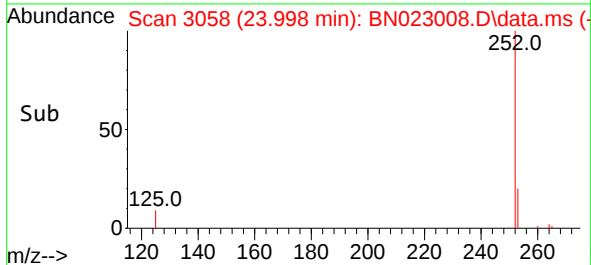
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

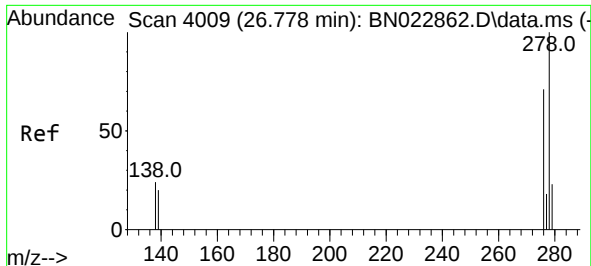


#39
Benzo(a)pyrene
Concen: 0.031 ng
RT: 23.998 min Scan# 3058
Delta R.T. -0.004 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11



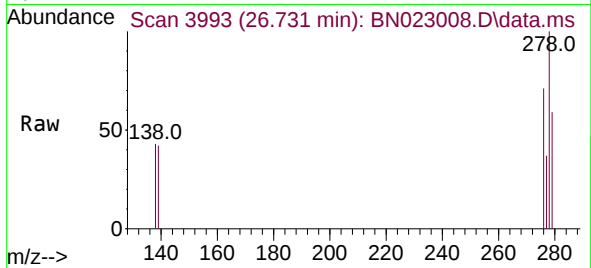
Tgt Ion:252 Resp: 649
Ion Ratio Lower Upper
252 100
253 66.8 19.2 28.8#
125 88.1 12.7 19.1#





#40
Dibenzo(a,h)anthracene
Concen: 0.043 ng
RT: 26.731 min Scan# 39
Delta R.T. -0.007 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11

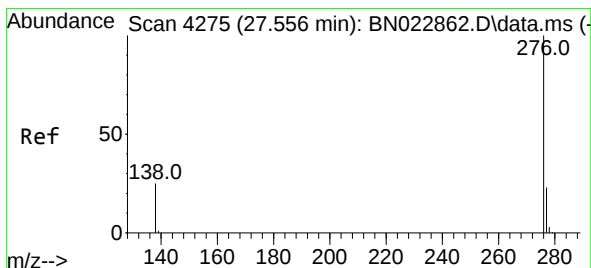
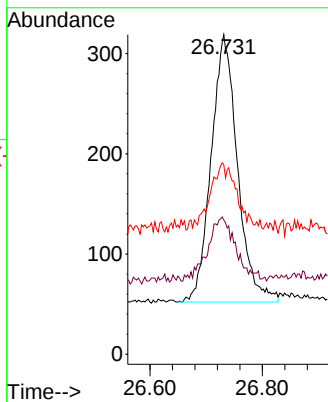
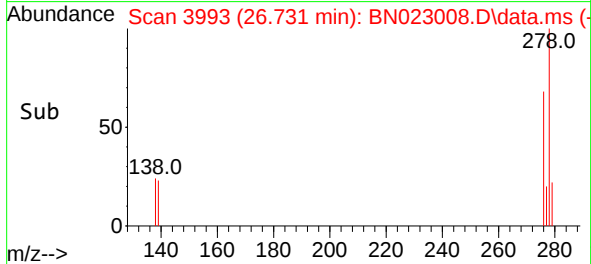
Instrument :
BNA_N
ClientSampleId :
TT162S1-20221119



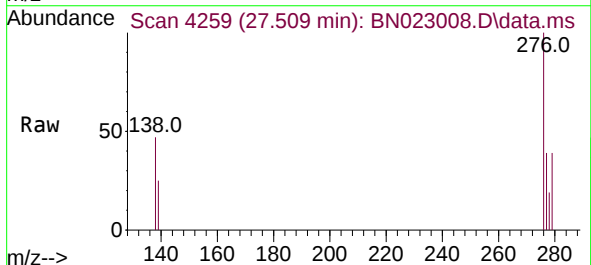
Tgt Ion:278 Resp: 868
Ion Ratio Lower Upper
278 100
139 42.0 17.4 26.0#
279 59.2 20.0 30.0#

Manual Integrations
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Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#41
Benzo(g,h,i)perylene
Concen: 0.047 ng
RT: 27.509 min Scan# 4259
Delta R.T. -0.004 min
Lab File: BN023008.D
Acq: 01 Dec 2022 07:11



Tgt Ion:276 Resp: 1036
Ion Ratio Lower Upper
276 100
277 39.2 19.7 29.5#
138 47.2 21.4 32.2#

