

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
 Data File : BN023009.D
 Acq On : 01 Dec 2022 07:48
 Operator : CG/JU
 Sample : N5757-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20221121

Quant Time: Dec 01 08:17:13 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	5875	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	15720	0.400	ng	#-0.01
13) Acenaphthene-d10	14.698	164	7128	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	13679	0.400	ng	0.00
29) Chrysene-d12	21.629	240	8692	0.400	ng	# 0.00
35) Perylene-d12	24.110	264	6440	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1873	0.123	ng	0.00
5) Phenol-d6	7.204	99	1479	0.076	ng	0.00
8) Nitrobenzene-d5	9.217	82	4029m	0.330	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	7089	0.208	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	805	0.234	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	11870	0.364	ng	-0.01
27) Fluoranthene-d10	19.469	212	11014	0.296	ng	0.00
31) Terphenyl-d14	20.062	244	8507	0.417	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.441	88	4334	0.581	ng	96
32) Benzo(a)anthracene	21.611	228	1124	0.032	ng	# 90
33) Chrysene	21.665	228	1440	0.040	ng	94
34) Bis(2-ethylhexyl)phtha...	21.531	149	1031	0.073	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.709	276	1041	0.039	ng	# 84
37) Benzo(b)fluoranthene	23.347	252	1347	0.047	ng	# 32
38) Benzo(k)fluoranthene	23.394	252	1142	0.037	ng	# 31
40) Dibenzo(a,h)anthracene	26.730	278	886	0.042	ng	# 46
41) Benzo(g,h,i)perylene	27.513	276	838	0.037	ng	# 65

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

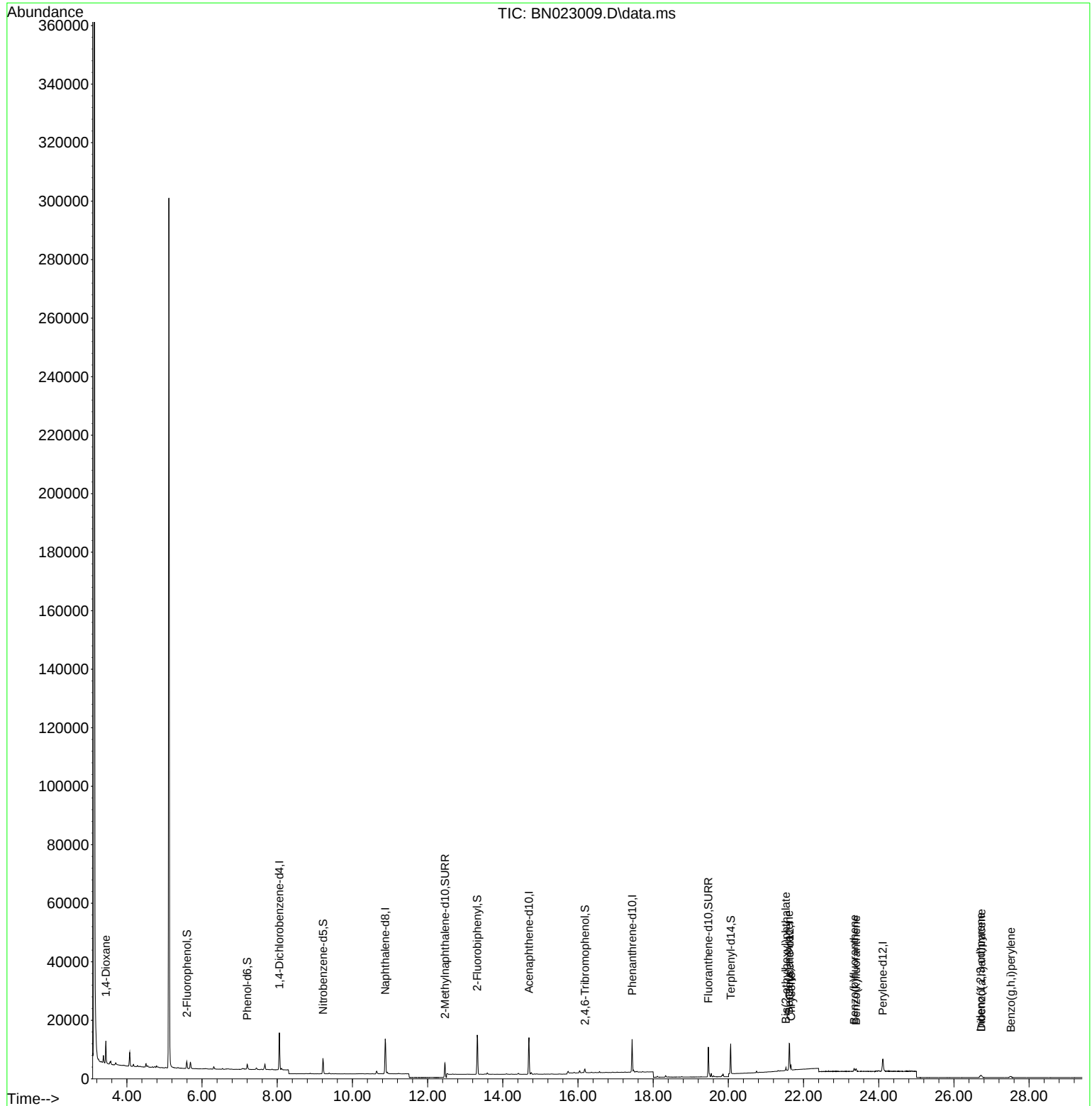
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Data File : BN023009.D
Acq On : 01 Dec 2022 07:48
Operator : CG/JU
Sample : N5757-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

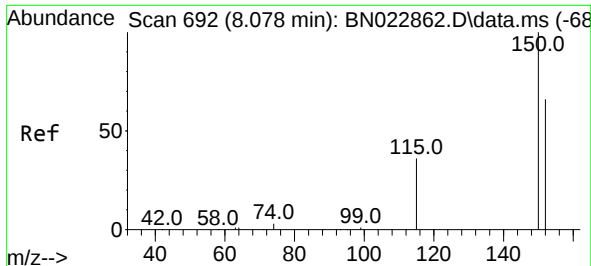
Instrument :
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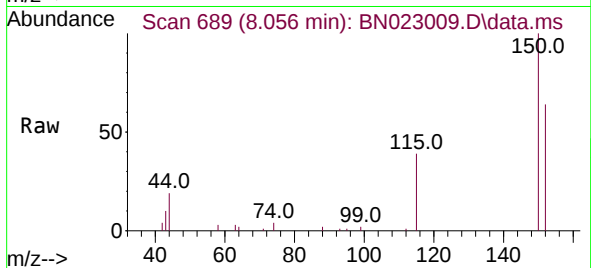
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.056 min Scan# 68
Delta R.T. -0.008 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

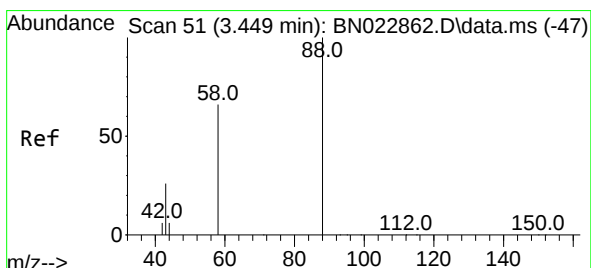
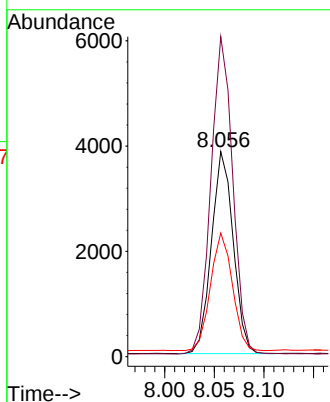
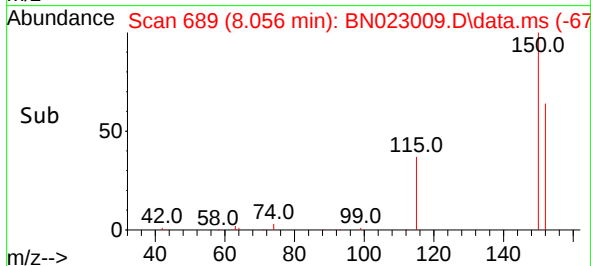
Instrument :
BNA_N
ClientSampleId :
TT17411-20221121



Tgt Ion:152 Resp: 5875
Ion Ratio Lower Upper
152 100
150 156.0 121.2 181.8
115 60.3 46.2 69.4

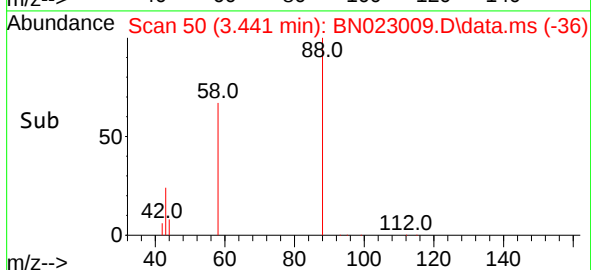
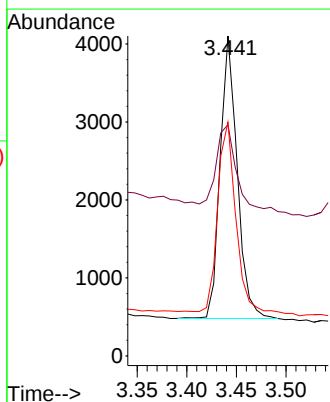
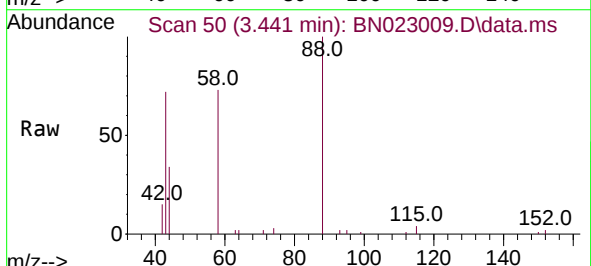
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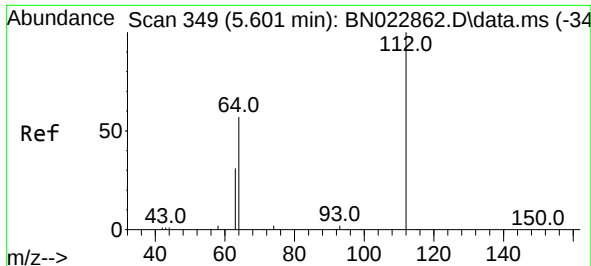
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#2
1,4-Dioxane
Concen: 0.581 ng
RT: 3.441 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

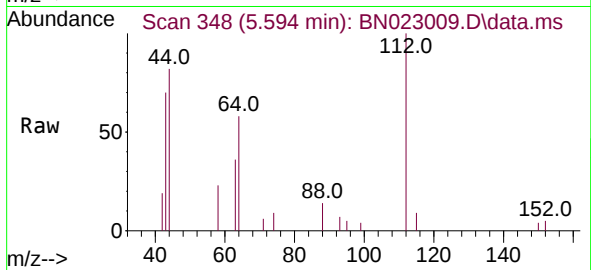
Tgt Ion: 88 Resp: 4334
Ion Ratio Lower Upper
88 100
43 37.3 25.4 38.2
58 69.9 56.5 84.7





#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.007 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

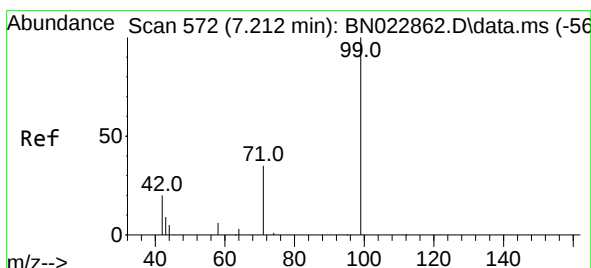
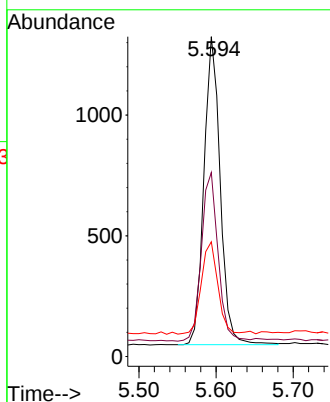
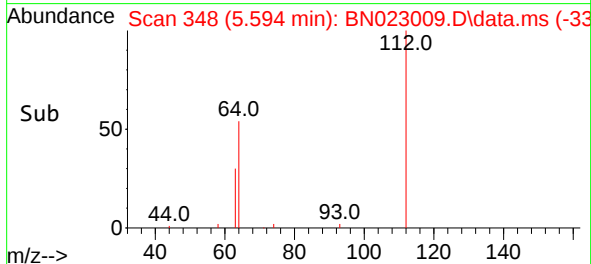
Instrument :
BNA_N
ClientSampleId :
TT17411-20221121



Tgt Ion: 112 Resp: 1873
Ion Ratio Lower Upper
112 100
64 55.9 43.4 65.2
63 30.3 23.4 35.2

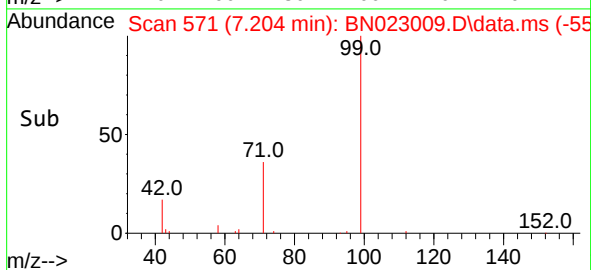
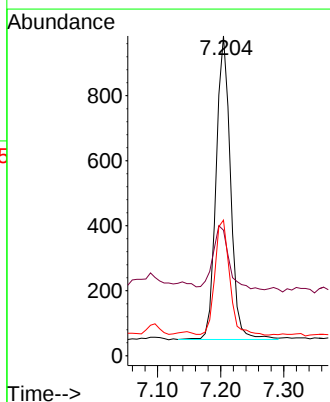
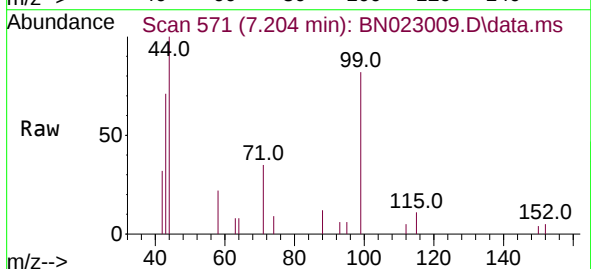
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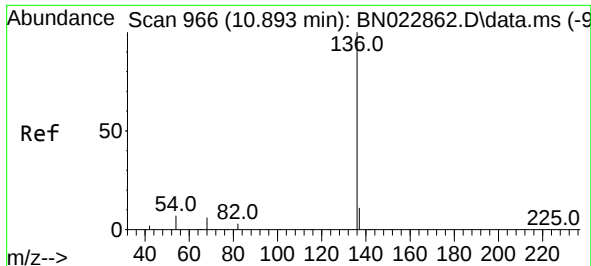
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Tgt Ion: 99 Resp: 1479
Ion Ratio Lower Upper
99 100
42 24.6 16.0 24.0#
71 38.6 26.8 40.2





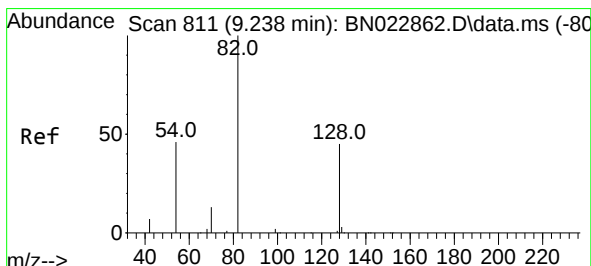
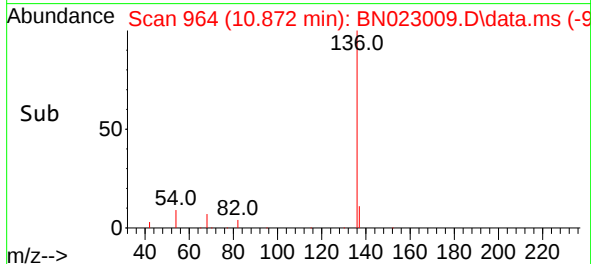
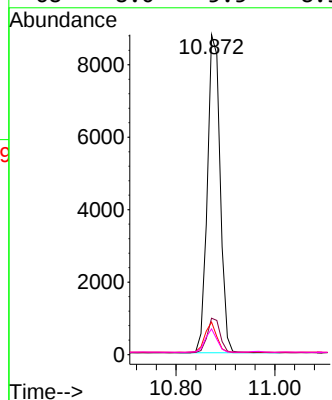
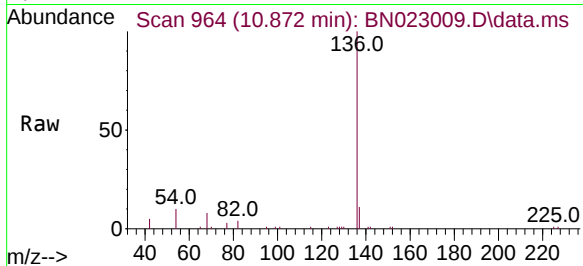
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.011 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Instrument :
BNA_N
ClientSampleId :
TT17411-20221121

Tgt Ion:	136	Resp:	15720
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	10.2	6.6	9.8
68	8.0	5.5	8.3

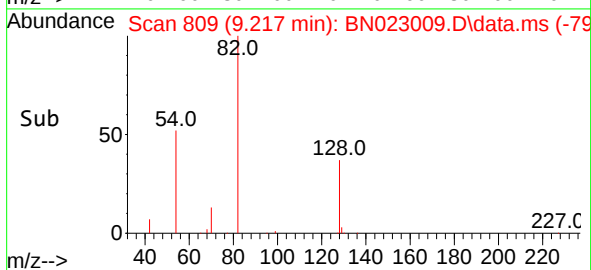
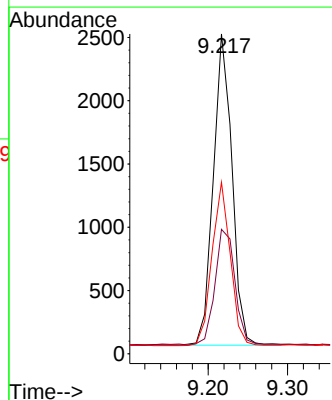
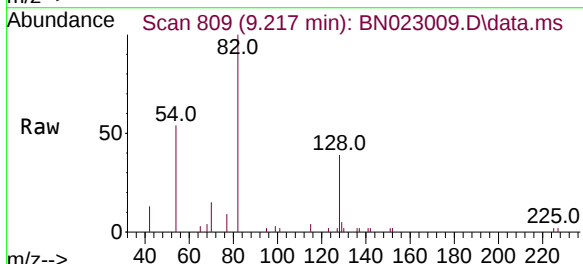
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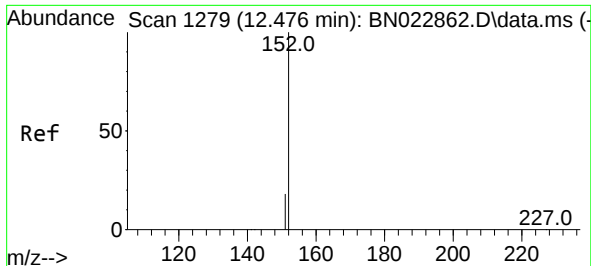
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#8
Nitrobenzene-d5
Concen: 0.330 ng m
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

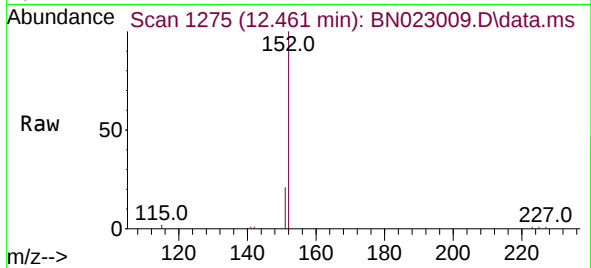
Tgt Ion:	82	Resp:	4029
Ion Ratio	Lower	Upper	
82	100		
128	38.9	36.6	54.8
54	53.6	38.5	57.7





#11
2-Methylnaphthalene-d10
Concen: 0.208 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

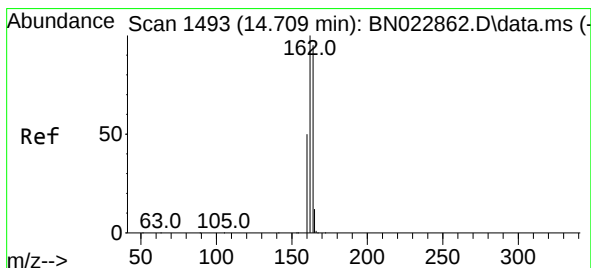
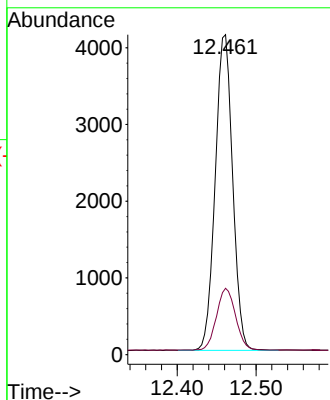
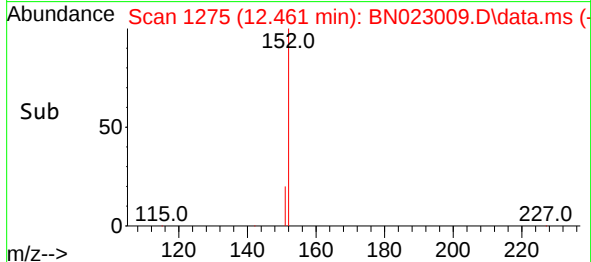
Instrument :
BNA_N
ClientSampleId :
TT17411-20221121



Tgt Ion:152 Resp: 7089
Ion Ratio Lower Upper
152 100
151 22.1 18.6 27.8

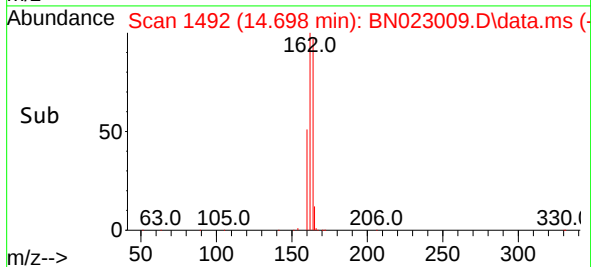
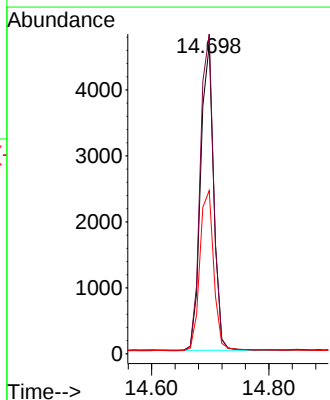
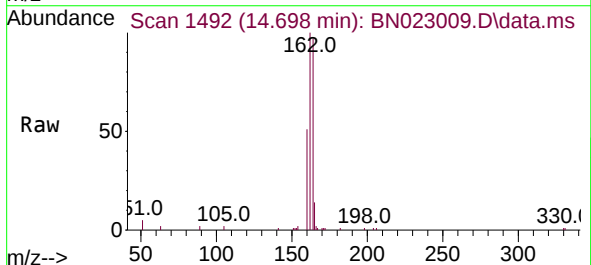
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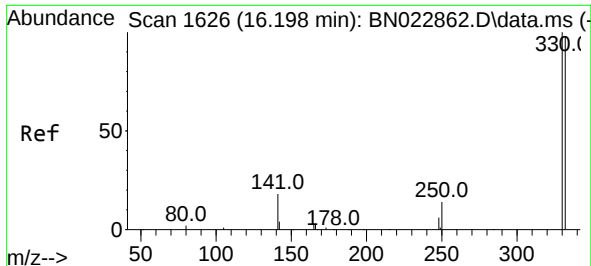
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

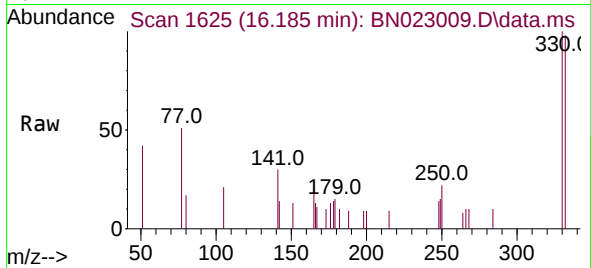
Tgt Ion:164 Resp: 7128
Ion Ratio Lower Upper
164 100
162 103.5 84.2 126.4
160 52.8 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 16.185 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

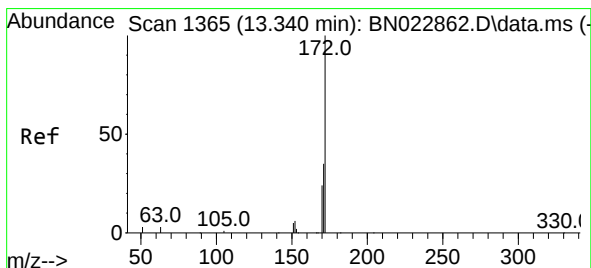
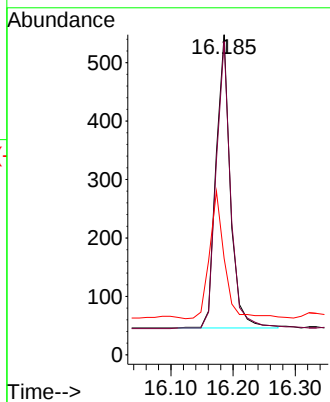
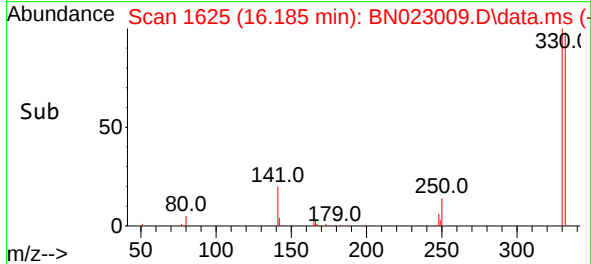
Instrument :
BNA_N
ClientSampleId :
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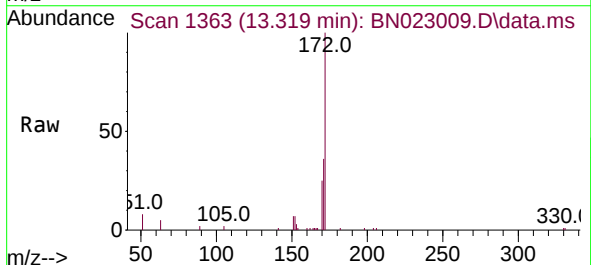
Tgt Ion: 330 Resp: 805
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 45.5 32.6 48.8

Manual Integrations
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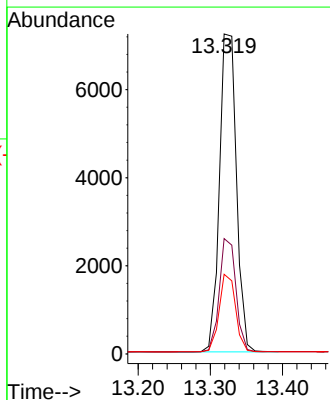
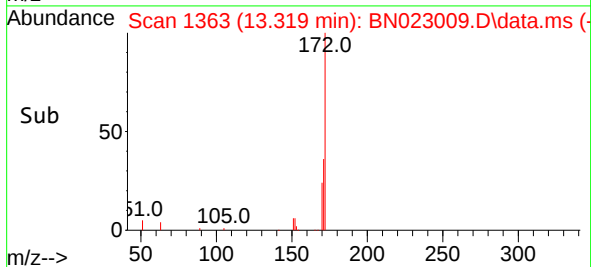
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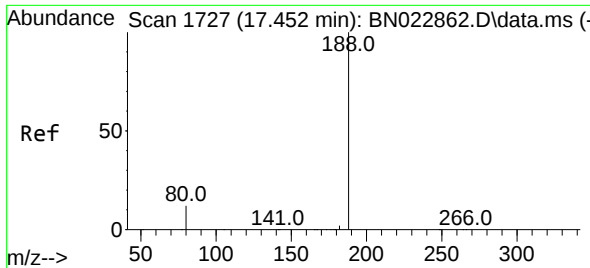


#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.011 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48



Tgt Ion: 172 Resp: 11870
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 24.9 19.3 28.9





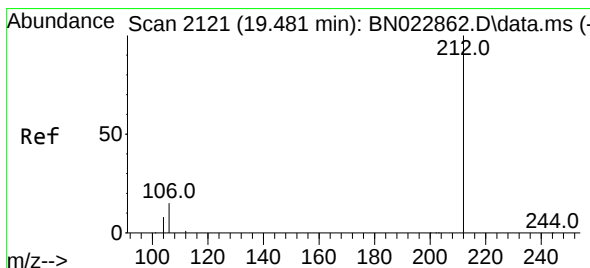
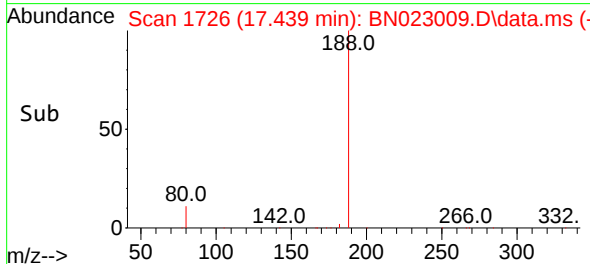
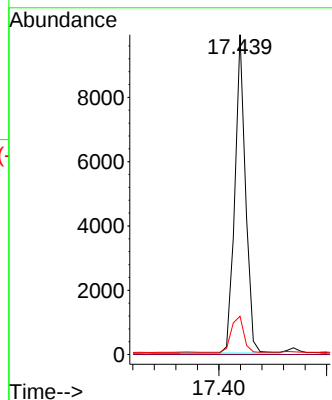
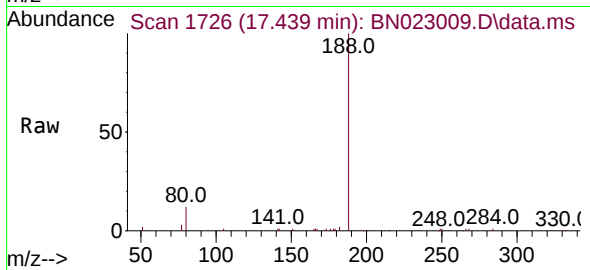
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Instrument :
BNA_N
ClientSampleId :
TT17411-20221121

Tgt Ion:188 Resp: 13679
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 10.3 15.5

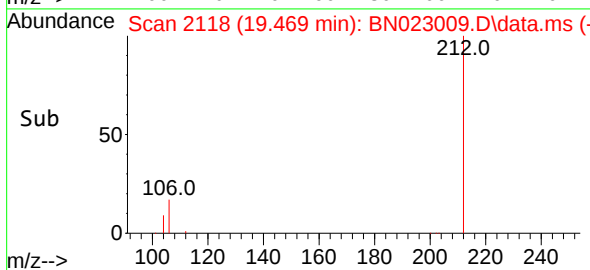
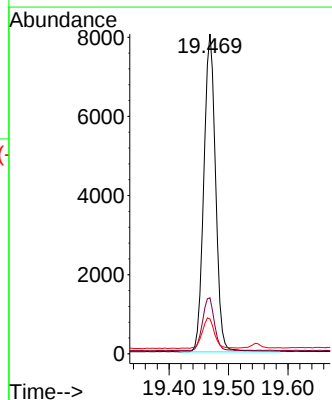
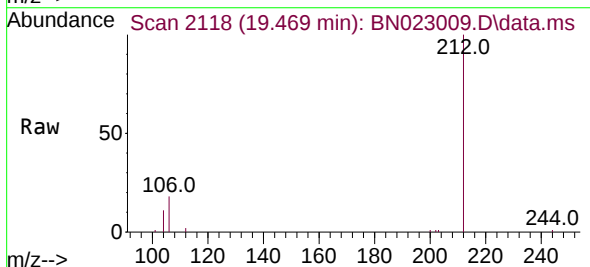
Manual Integrations
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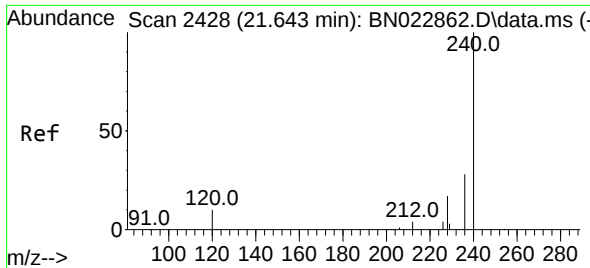
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

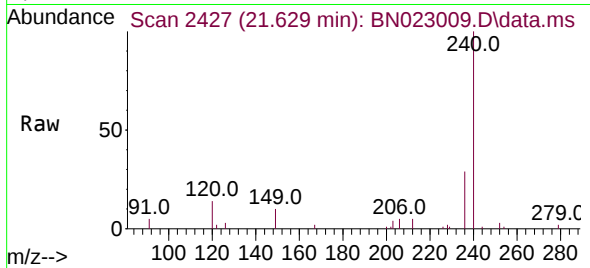
Tgt Ion:212 Resp: 11014
Ion Ratio Lower Upper
212 100
106 16.8 12.3 18.5
104 10.1 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

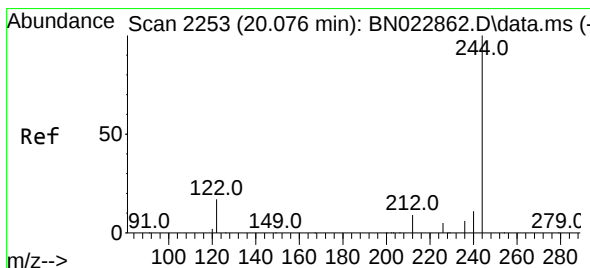
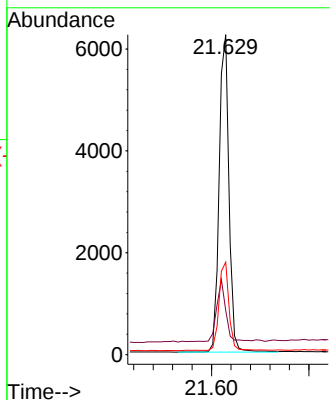
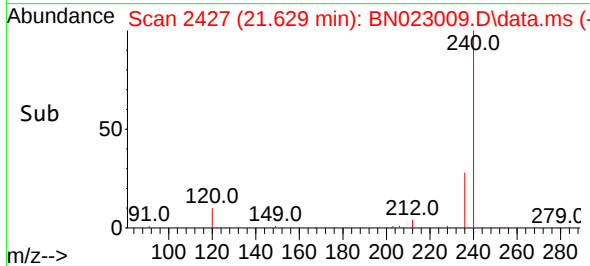
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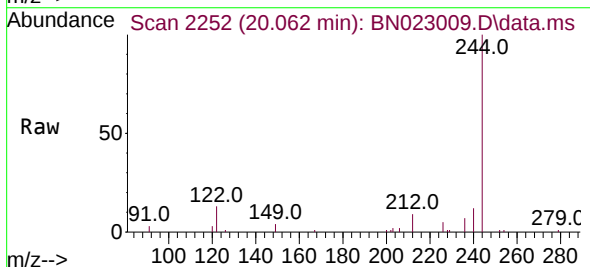
Tgt Ion:240 Resp: 8692
Ion Ratio Lower Upper
240 100
120 13.8 9.2 13.8
236 28.9 22.6 34.0

Manual Integrations
APPROVED

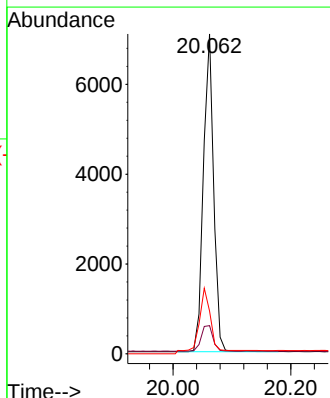
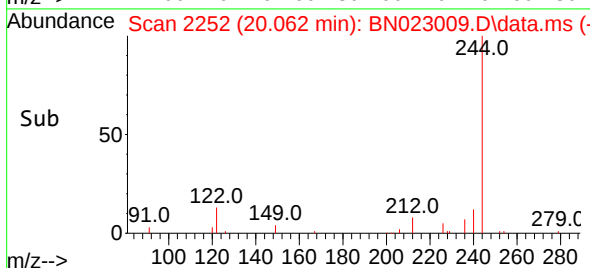
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

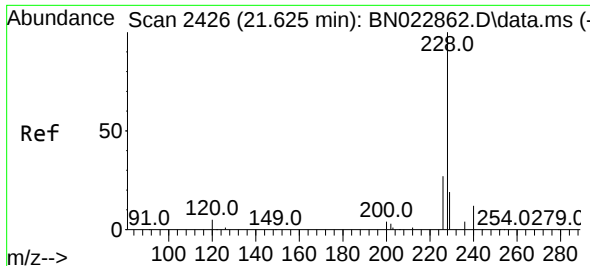


#31
Terphenyl-d14
Concen: 0.417 ng
RT: 20.062 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48



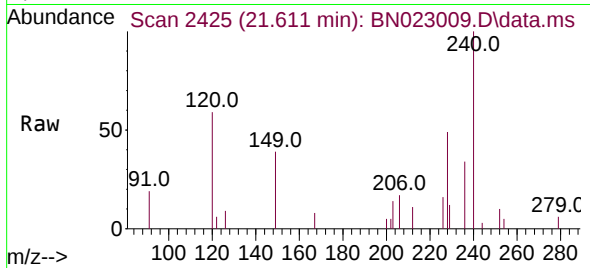
Tgt Ion:244 Resp: 8507
Ion Ratio Lower Upper
244 100
212 8.8 7.9 11.9
122 13.3 13.9 20.9





#32
Benzo(a)anthracene
Concen: 0.032 ng
RT: 21.611 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

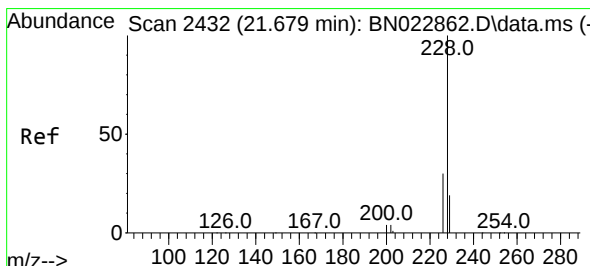
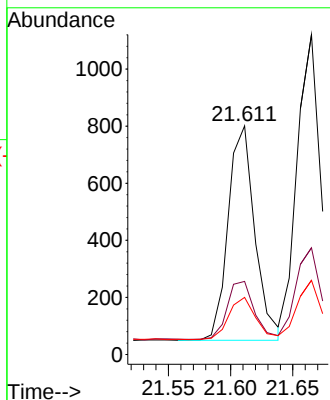
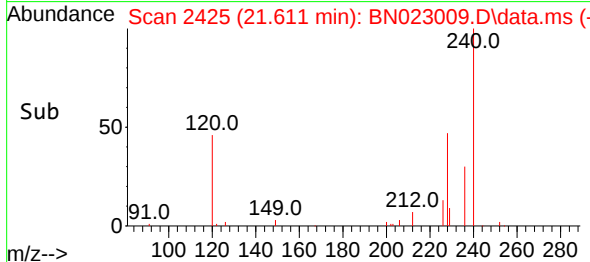
Instrument :
BNA_N
ClientSampleId :
TT17411-20221121



Tgt Ion:228 Resp: 1124
Ion Ratio Lower Upper
228 100
226 32.0 22.1 33.1
229 25.0 15.8 23.6

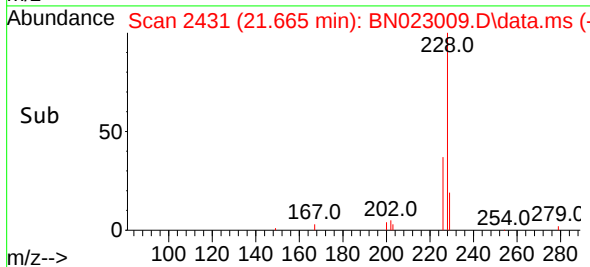
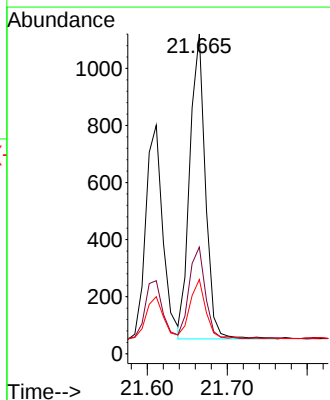
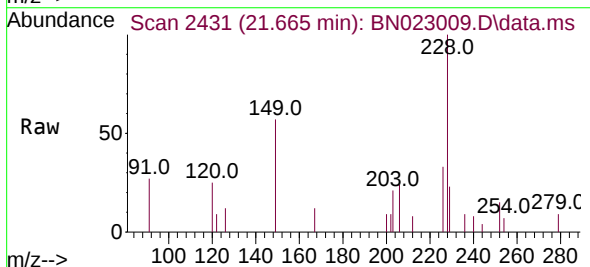
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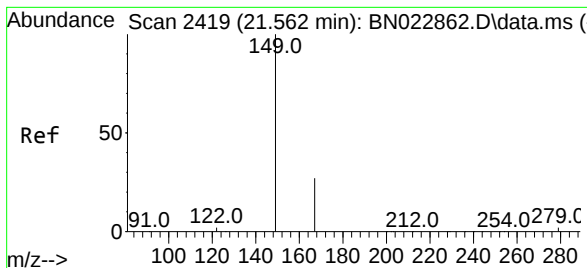
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#33
Chrysene
Concen: 0.040 ng
RT: 21.665 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Tgt Ion:228 Resp: 1440
Ion Ratio Lower Upper
228 100
226 33.4 24.5 36.7
229 23.2 15.8 23.6





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.073 ng

RT: 21.531 min Scan# 2416

Delta R.T. -0.009 min

Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

Instrument :

BNA_N

ClientSampleId :

TT17411-20221121

Tgt Ion:149 Resp: 1031

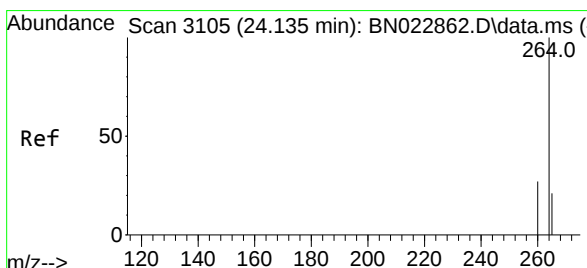
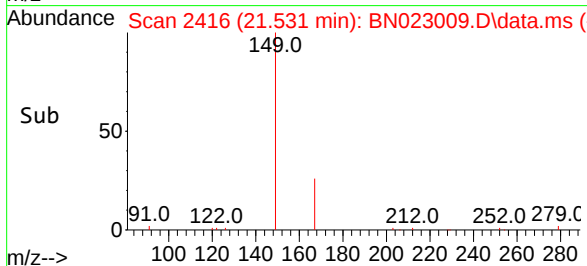
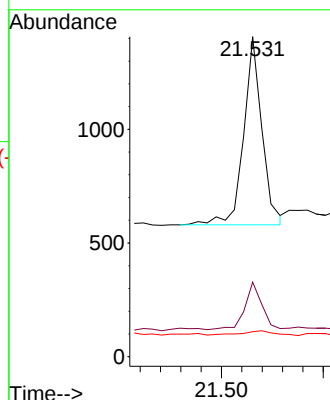
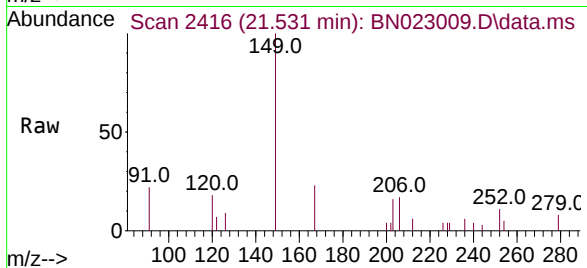
Ion	Ratio	Lower	Upper
149	100		
167	23.7	21.3	31.9
279	4.7	2.3	3.5

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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: 24.110 min Scan# 3096

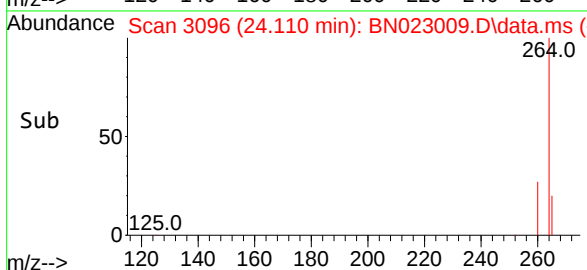
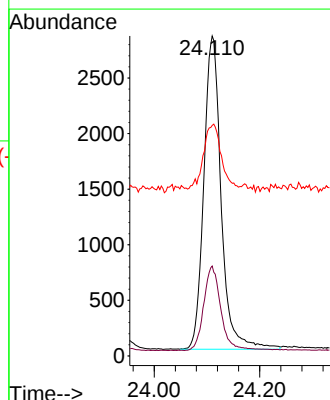
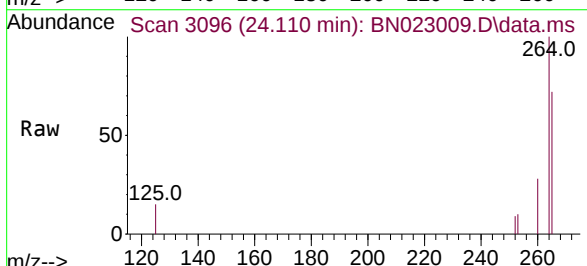
Delta R.T. -0.003 min

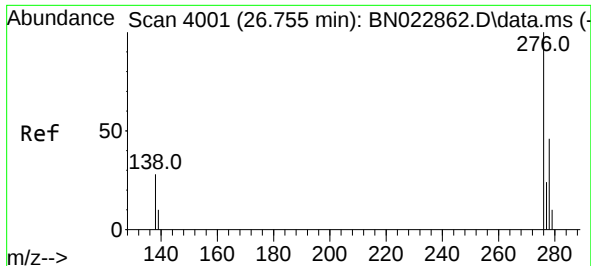
Lab File: BN023009.D

Acq: 01 Dec 2022 07:48

Tgt Ion:264 Resp: 6440

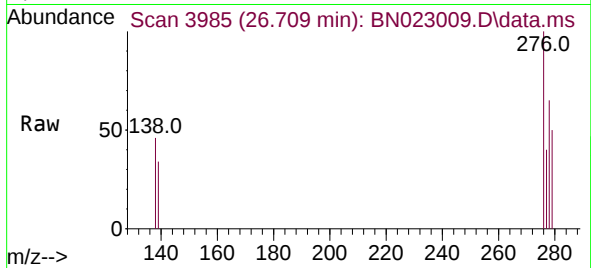
Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.7	32.5
265	72.0	31.0	46.4





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng
RT: 26.709 min Scan# 3985
Delta R.T. -0.009 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

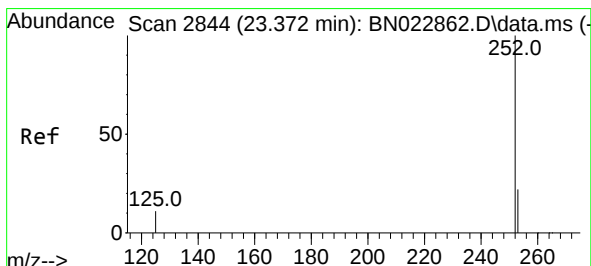
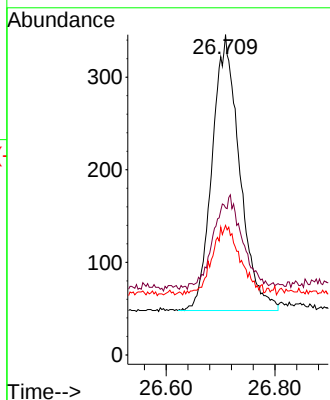
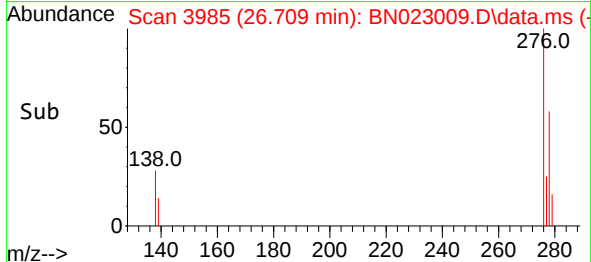
Instrument :
BNA_N
ClientSampleId :
TT17411-20221121



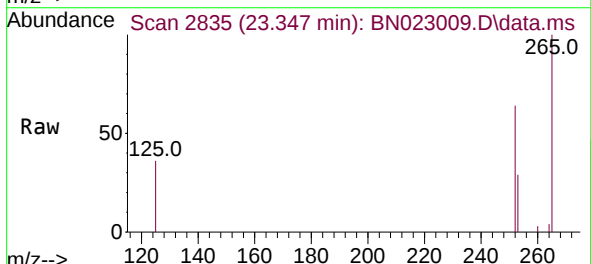
Tgt Ion:276 Resp: 1041
Ion Ratio Lower Upper
276 100
138 15.5 24.4 36.6#
277 25.6 19.9 29.9#

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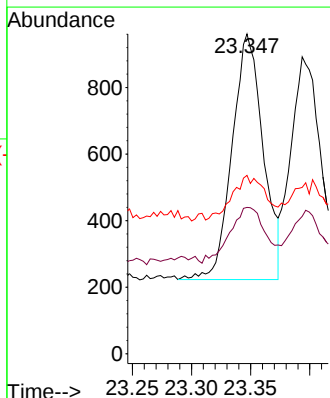
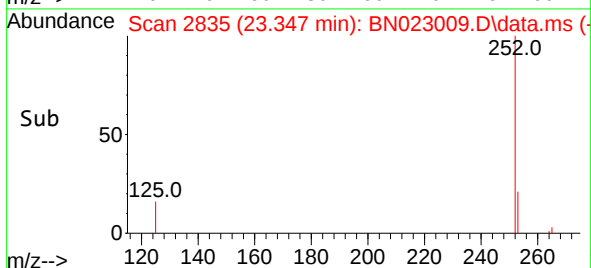
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

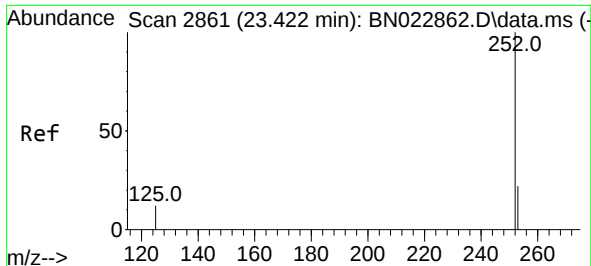


#37
Benzo(b)fluoranthene
Concen: 0.047 ng
RT: 23.347 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48



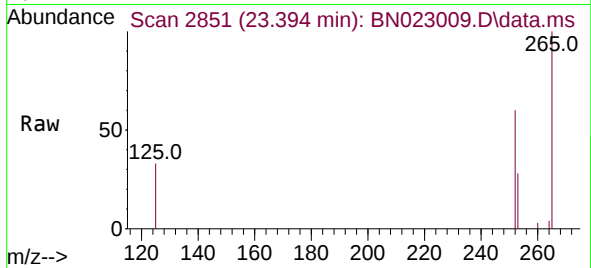
Tgt Ion:252 Resp: 1347
Ion Ratio Lower Upper
252 100
253 45.8 18.5 27.7#
125 55.8 10.8 16.2#





#38
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 23.394 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

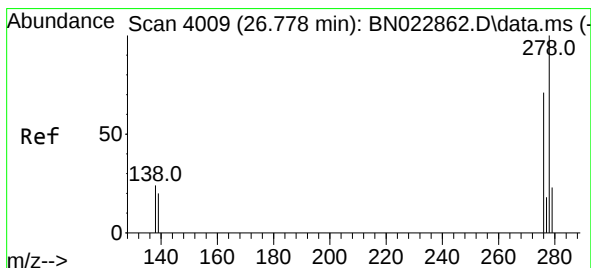
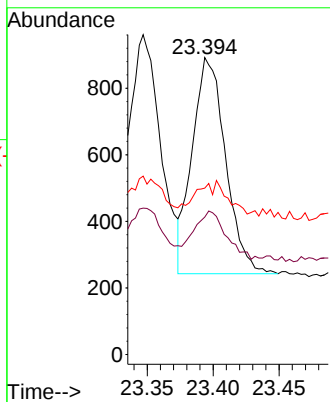
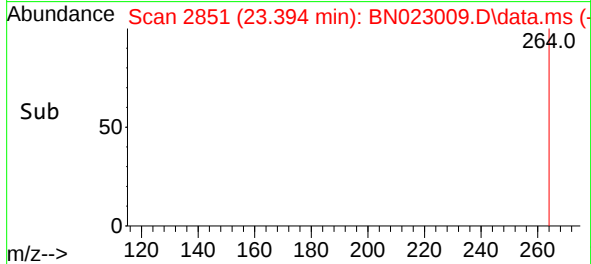
Instrument :
BNA_N
ClientSampleId :
TT17411-20221121



Tgt Ion:252 Resp: 1142
Ion Ratio Lower Upper
252 100
253 46.3 18.6 27.8#
125 56.1 11.0 16.4#

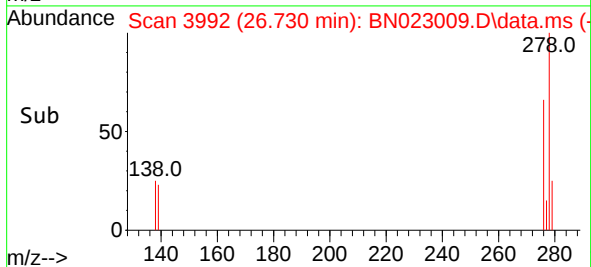
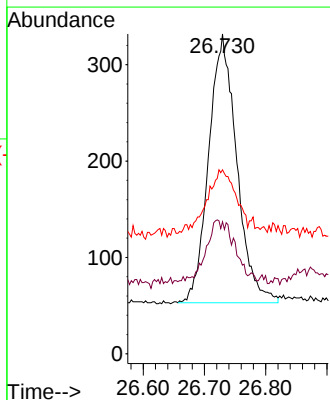
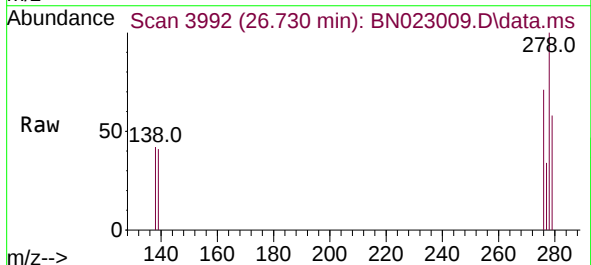
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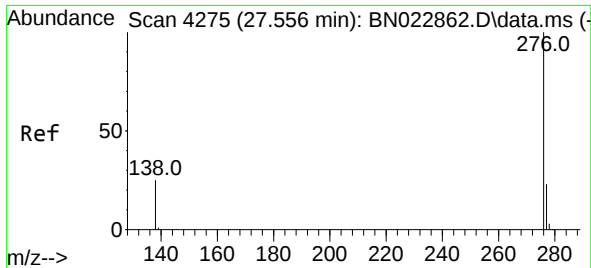
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.042 ng
RT: 26.730 min Scan# 3992
Delta R.T. -0.009 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

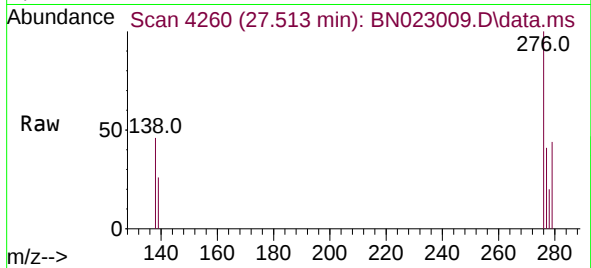
Tgt Ion:278 Resp: 886
Ion Ratio Lower Upper
278 100
139 41.3 17.4 26.0#
279 57.5 20.0 30.0#





#41
Benzo(g,h,i)perylene
Concen: 0.037 ng
RT: 27.513 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023009.D
Acq: 01 Dec 2022 07:48

Instrument :
BNA_N
ClientSampleId :
TT17411-20221121



Tgt Ion: 276 Resp: 838
Ion Ratio Lower Upper
276 100
277 40.5 19.7 29.5
138 46.0 21.4 32.2

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

