

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024536.D
 Acq On : 24 Mar 2023 08:19
 Operator : CG/JU
 Sample : 01941-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230313

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/24/2023
 Supervised By : Jagrut Upadhyay 03/24/2023

Quant Time: Mar 24 08:51:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 03:05:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	8997	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	26030	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	13192	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	29831	0.400	ng	0.00
29) Chrysene-d12	21.583	240	19206	0.400	ng	0.00
35) Perylene-d12	24.082	264	15911	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3155	0.158	ng	0.00
5) Phenol-d6	7.180	99	2294	0.090	ng	0.00
8) Nitrobenzene-d5	9.190	82	7669	0.441	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	13246	0.414	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2601	0.386	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	20237	0.406	ng	0.00
27) Fluoranthene-d10	19.429	212	30967	0.490	ng	0.00
31) Terphenyl-d14	20.016	244	18802	0.581	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.425	88	15664	1.600	ng	97
18) Fluorene	15.702	166	1587	0.033	ng	# 57
25) Phenanthrene	17.438	178	4223m	0.048	ng	
30) Pyrene	19.821	202	1918	0.025	ng	96
34) Bis(2-ethylhexyl)phtha...	21.484	149	3355	0.111	ng	# 99

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

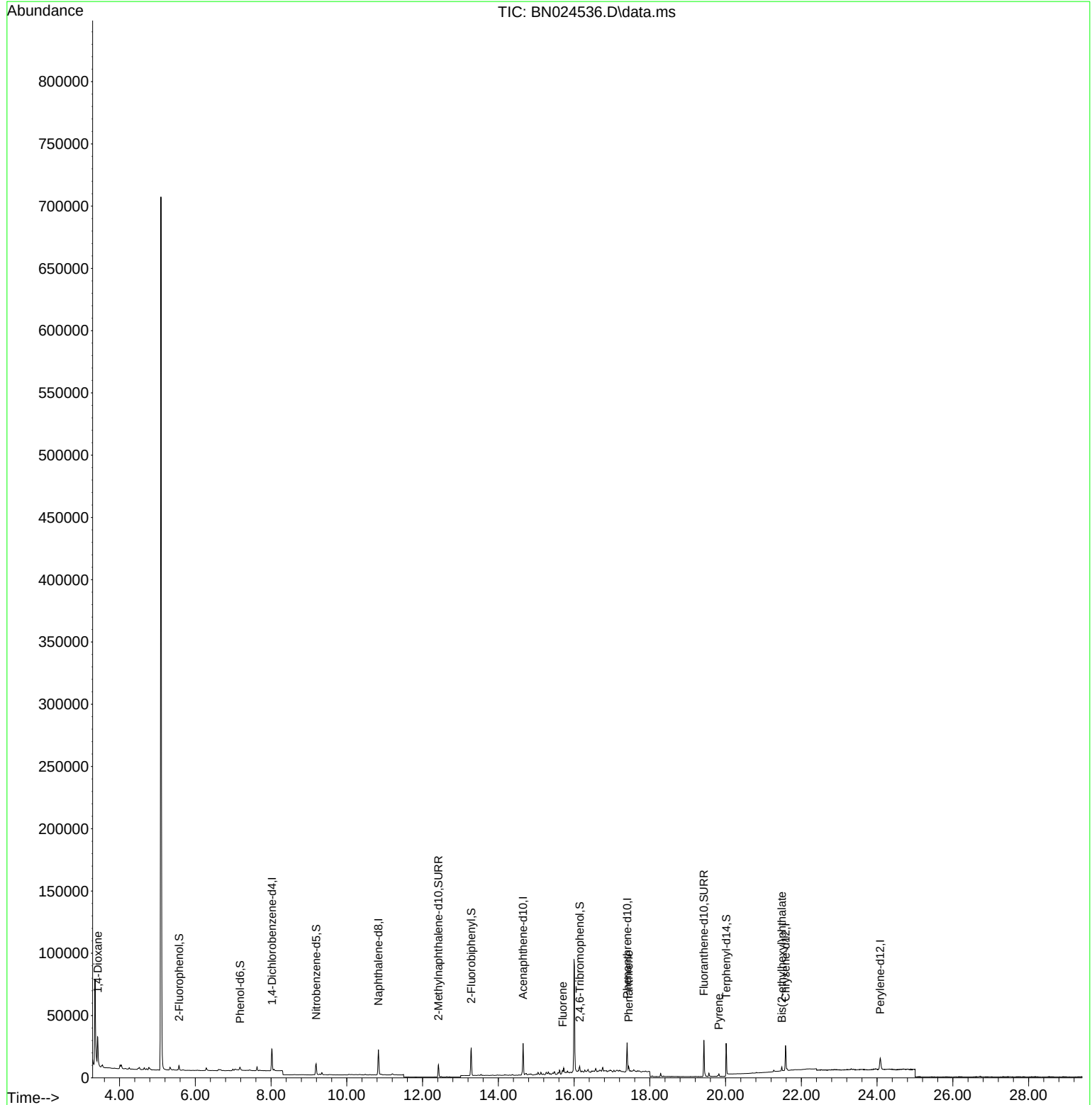
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
Data File : BN024536.D
Acq On : 24 Mar 2023 08:19
Operator : CG/JU
Sample : 01941-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

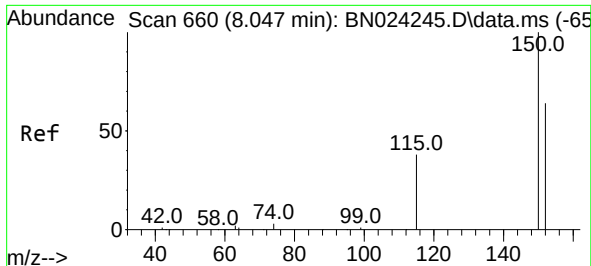
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313

Quant Time: Mar 24 08:51:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 03:05:57 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

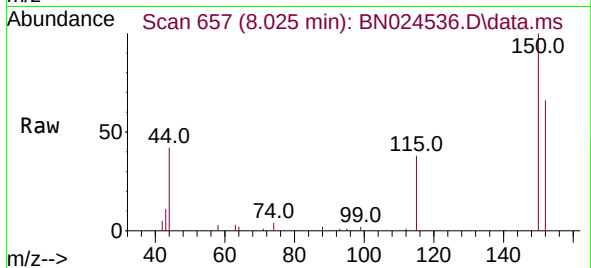
Reviewed By : Christian Giraldo 03/24/2023
Supervised By : Jagrut Upadhyay 03/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.025 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

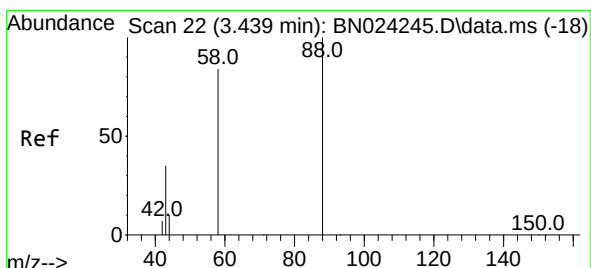
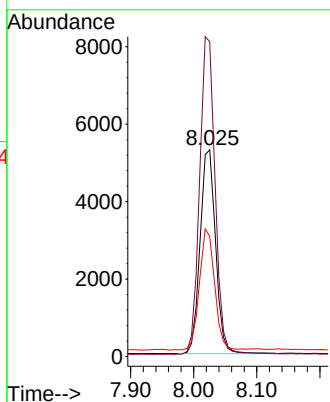
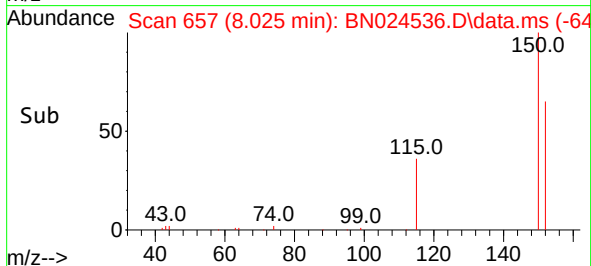
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313



Tgt Ion: 152 Resp: 899
Ion Ratio Lower Upper
152 100
150 152.2 124.7 187.1
115 58.2 49.1 73.7

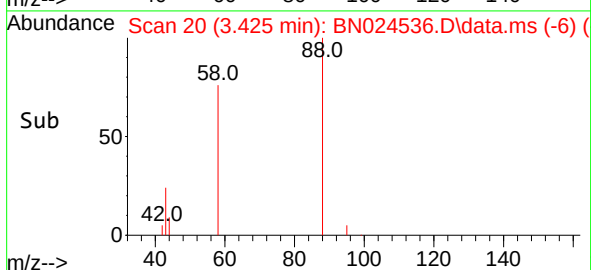
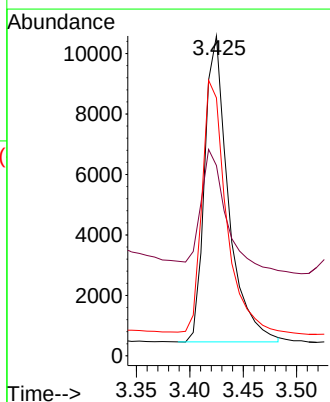
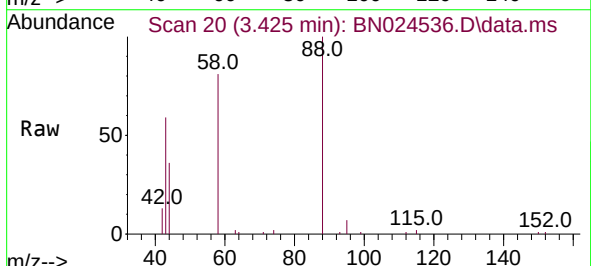
Manual Integrations
APPROVED

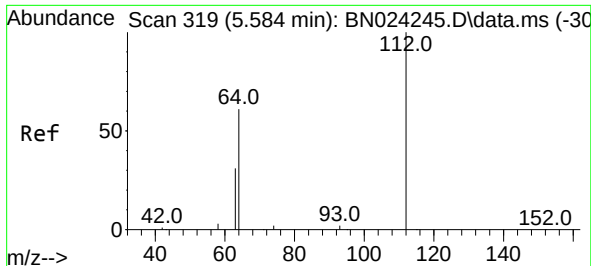
Reviewed By : Christian Giraldo 03/24/2023
Supervised By : Jagrut Upadhyay 03/24/2023



#2
1,4-Dioxane
Concen: 1.600 ng
RT: 3.425 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

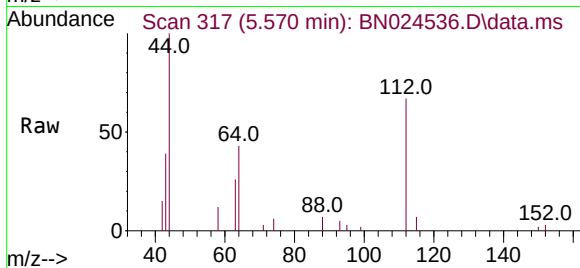
Tgt Ion: 88 Resp: 15664
Ion Ratio Lower Upper
88 100
43 41.1 29.0 43.4
58 83.3 67.3 100.9





#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.570 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

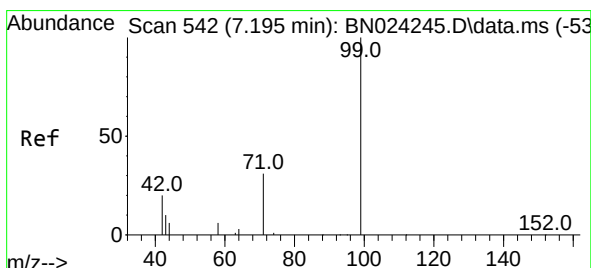
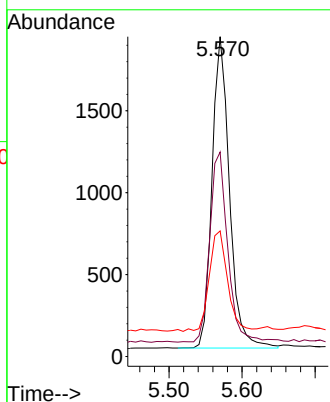
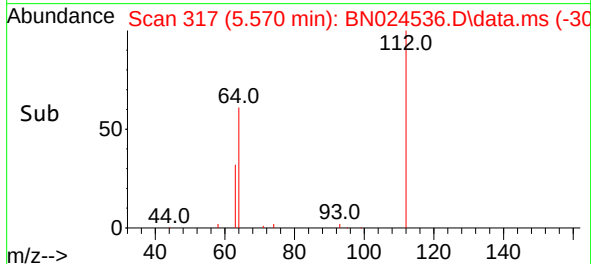
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313



Tgt Ion: 112 Resp: 315
Ion Ratio Lower Upper
112 100
64 63.1 49.0 73.6
63 33.8 25.7 38.5

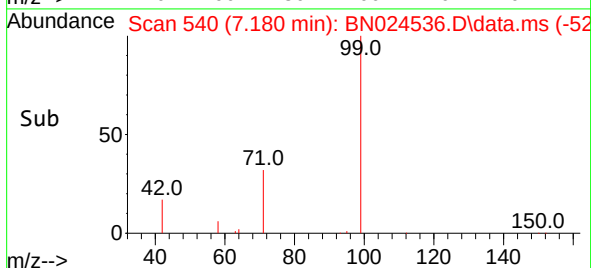
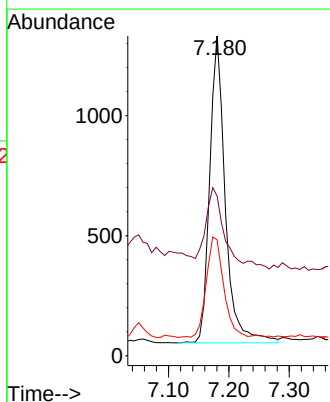
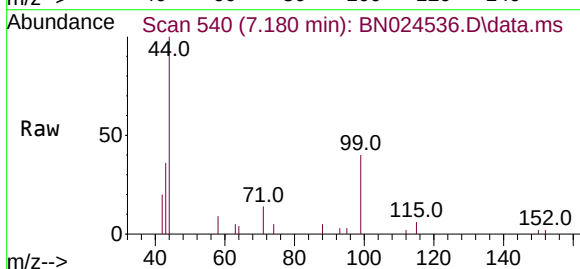
Manual Integrations
APPROVED

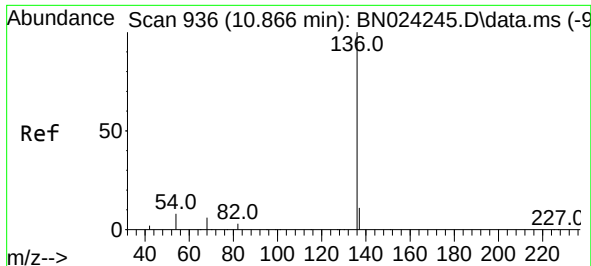
Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.180 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion: 99 Resp: 2294
Ion Ratio Lower Upper
99 100
42 25.8 20.1 30.1
71 36.7 25.8 38.8





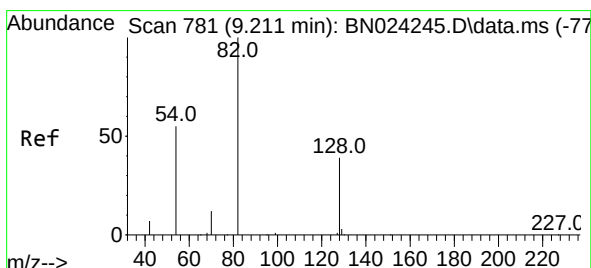
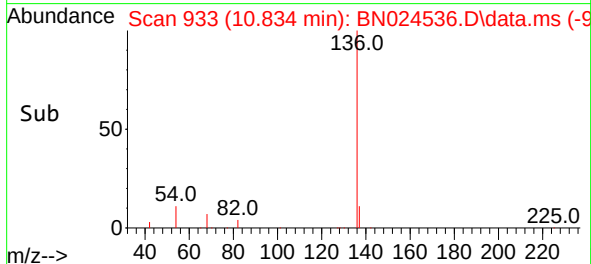
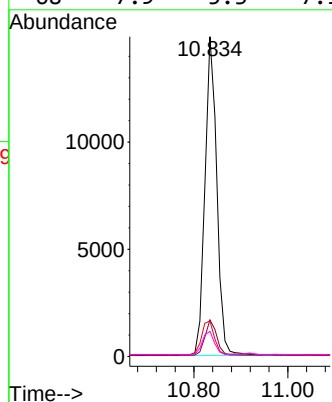
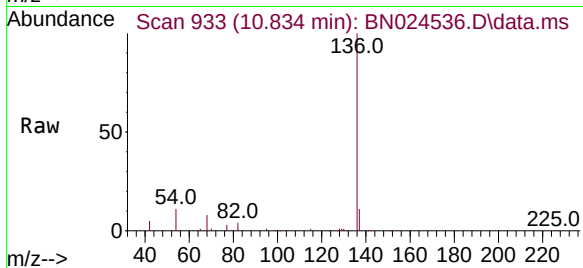
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313

Tgt Ion:	136	Resp:	26030
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	11.1	7.1	10.7
68	7.9	5.3	7.9

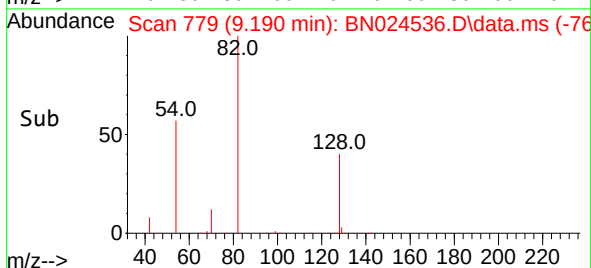
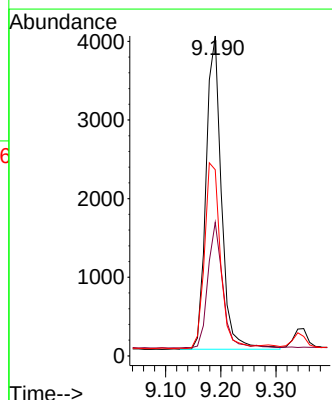
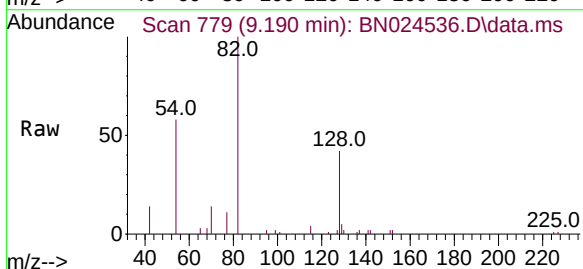
Manual Integrations
APPROVED

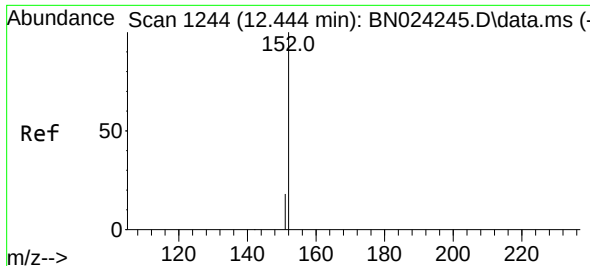
Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023



#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 9.190 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

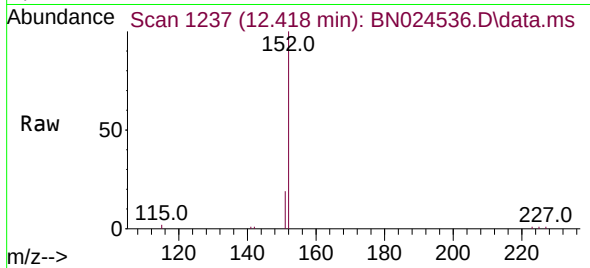
Tgt Ion:	82	Resp:	7669
Ion Ratio	Lower	Upper	
82	100		
128	41.7	32.4	48.6
54	58.2	45.2	67.8





#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

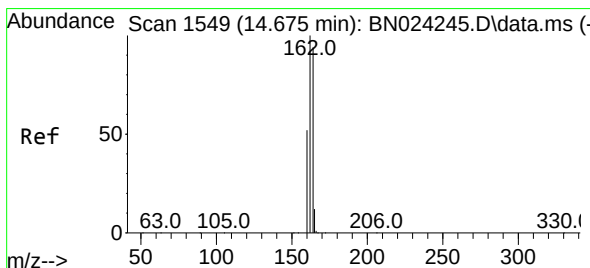
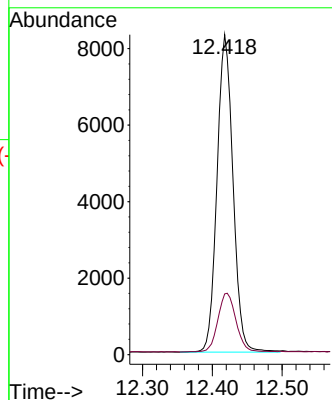
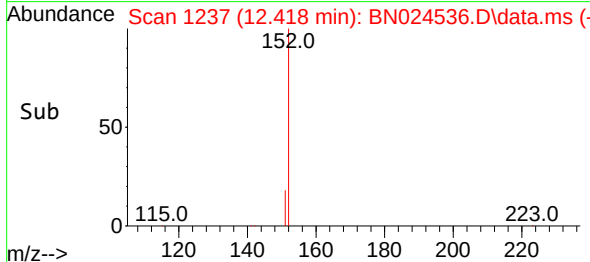
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313



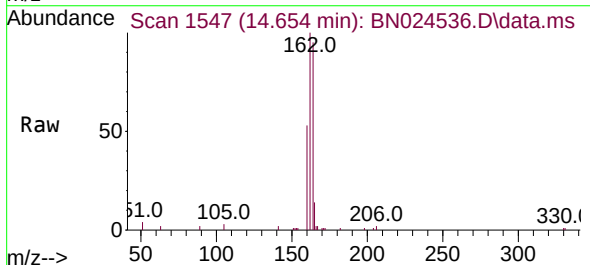
Tgt Ion:152 Resp: 13246
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2

Manual Integrations
APPROVED

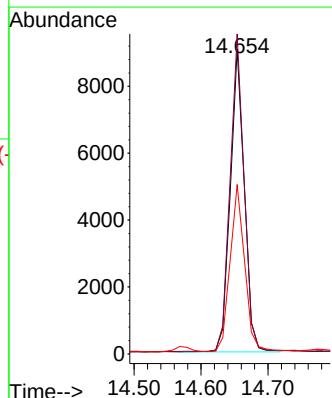
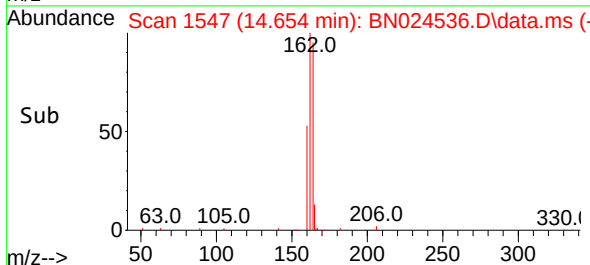
Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023

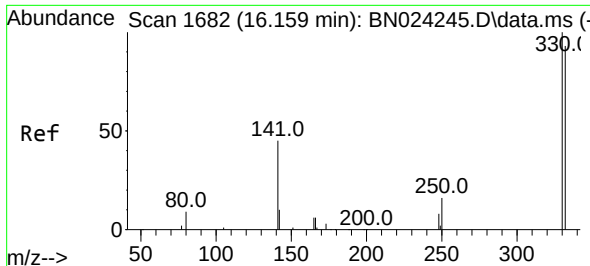


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19



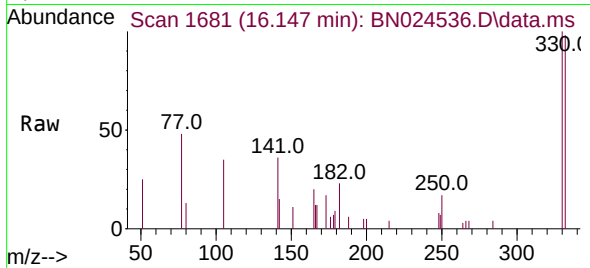
Tgt Ion:164 Resp: 13192
Ion Ratio Lower Upper
164 100
162 104.9 84.7 127.1
160 55.5 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 16.147 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

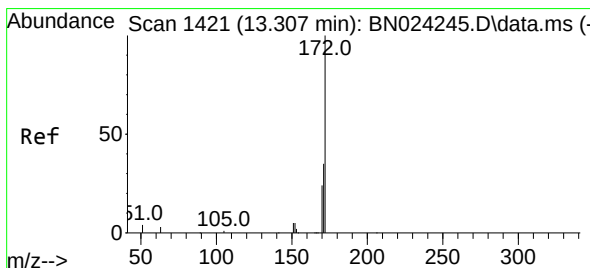
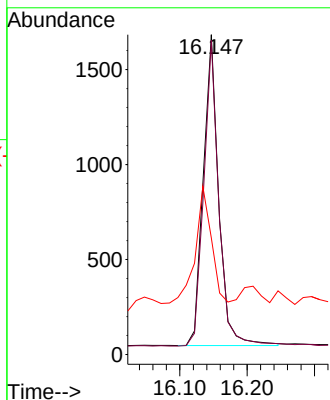
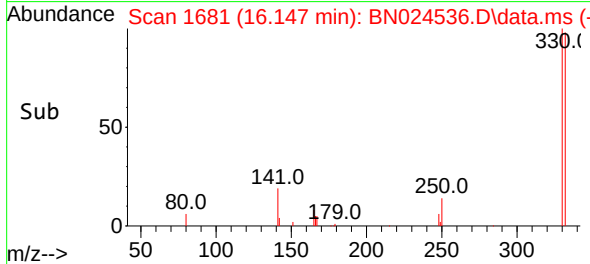
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313



Tgt Ion: 330 Resp: 2601
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 39.0 30.8 46.2

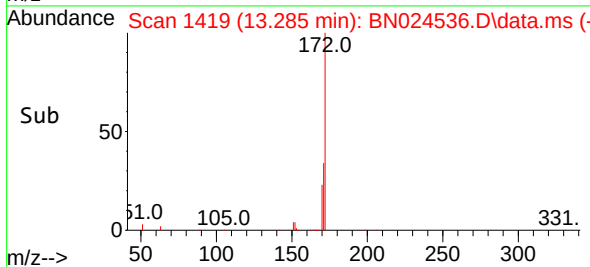
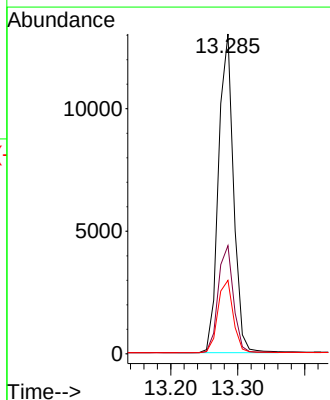
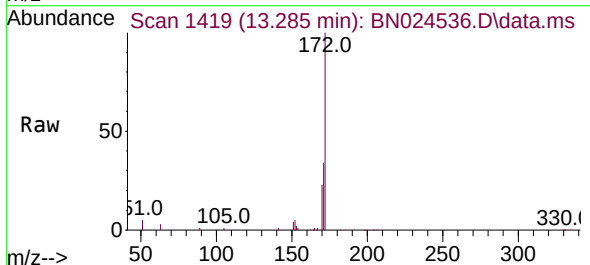
Manual Integrations
APPROVED

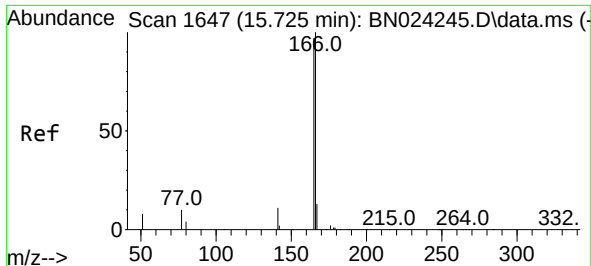
Reviewed By : Christian Giraldo 03/24/2023
Supervised By : Jagrut Upadhyay 03/24/2023



#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.285 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

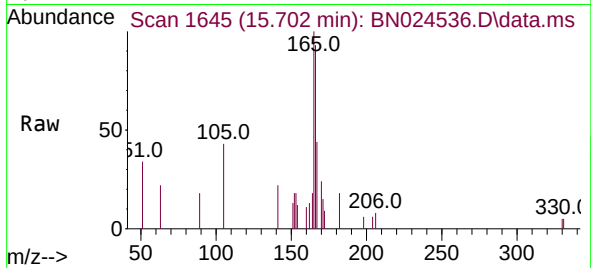
Tgt Ion: 172 Resp: 20237
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 23.0 19.0 28.6





#18
Fluorene
Concen: 0.033 ng
RT: 15.702 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

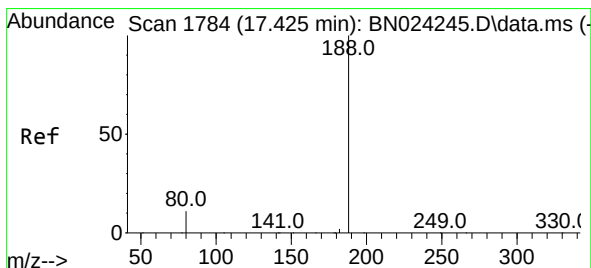
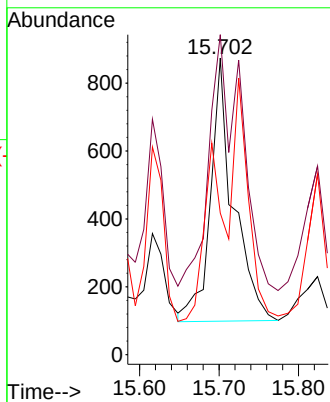
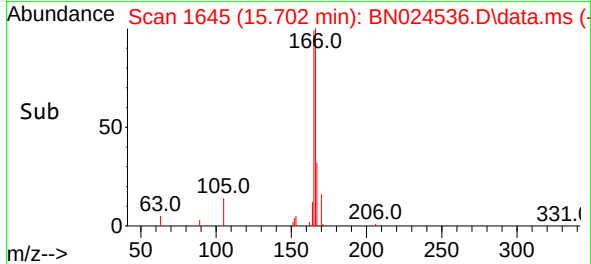
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313



Tgt Ion:166 Resp: 1587
Ion Ratio Lower Upper
166 100
165 135.0 80.2 120.2
167 56.7 10.8 16.2

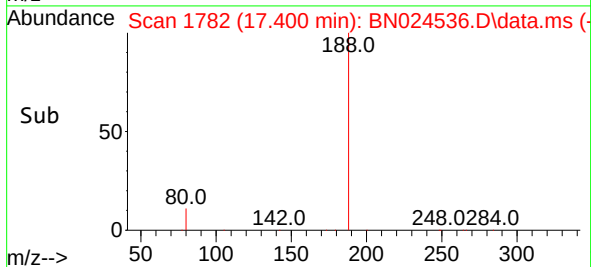
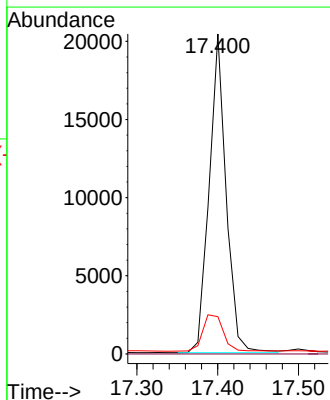
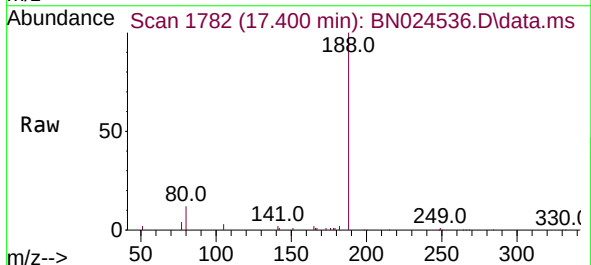
Manual Integrations
APPROVED

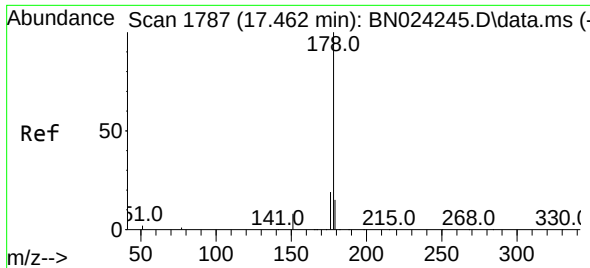
Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

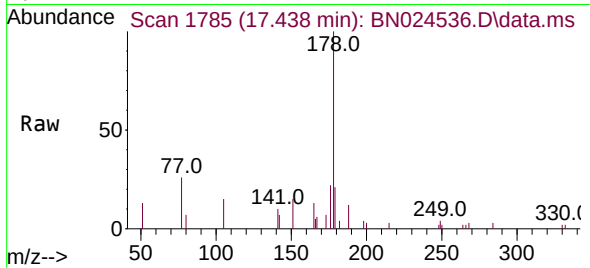
Tgt Ion:188 Resp: 29831
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.9 13.3





#25
Phenanthrene
Concen: 0.048 ng m
RT: 17.438 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

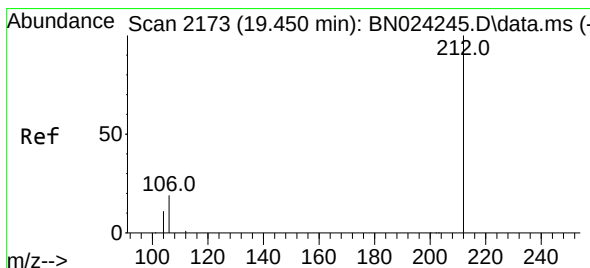
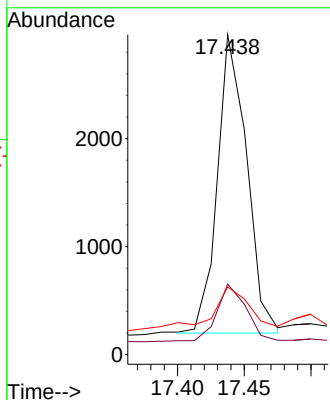
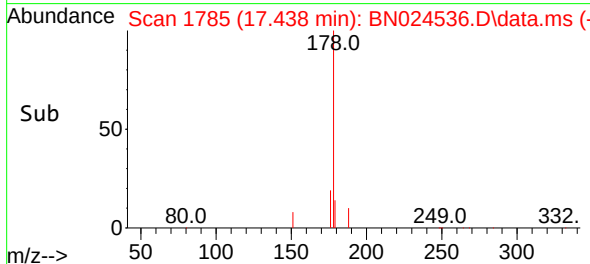
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230313



Tgt Ion:178 Resp: 4223
Ion Ratio Lower Upper
178 100
176 20.7 15.4 23.0
179 24.2 12.2 18.2

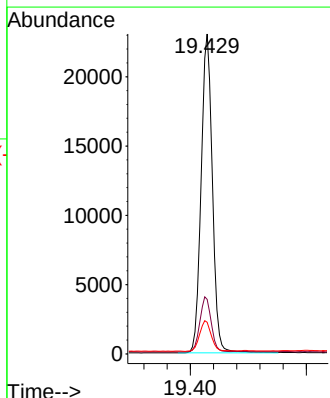
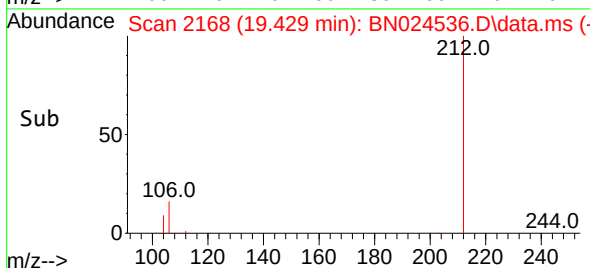
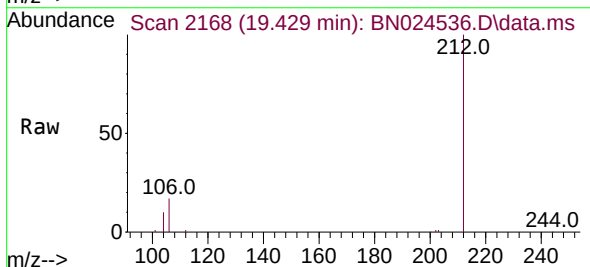
Manual Integrations
APPROVED

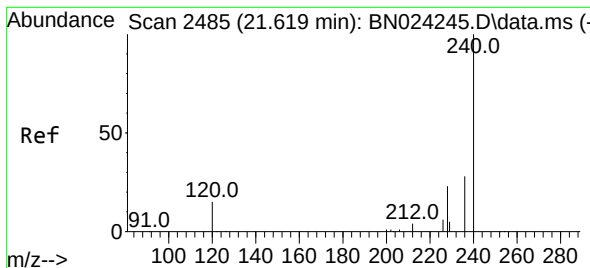
Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023



#27
Fluoranthene-d10
Concen: 0.490 ng
RT: 19.429 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BN024536.D
Acq: 24 Mar 2023 08:19

Tgt Ion:212 Resp: 30967
Ion Ratio Lower Upper
212 100
106 17.3 15.4 23.2
104 10.0 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.583 min Scan# 2485

Delta R.T. -0.000 min

Lab File: BN024536.D

Acq: 24 Mar 2023 08:19

Instrument :

BNA_N

ClientSampleId :

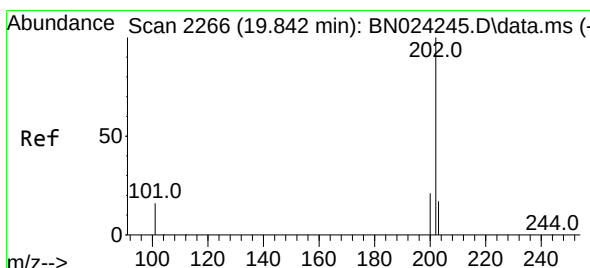
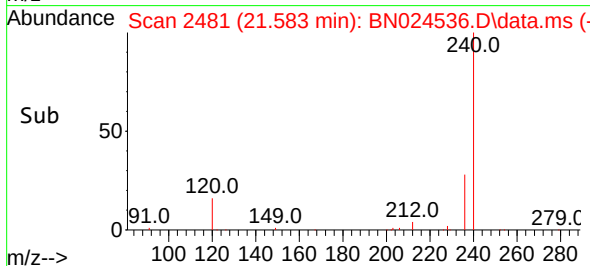
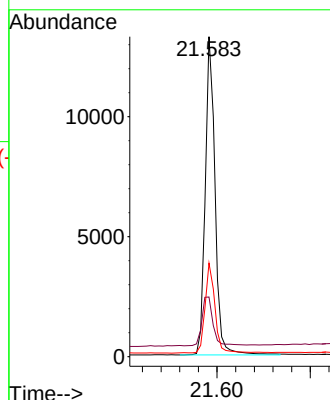
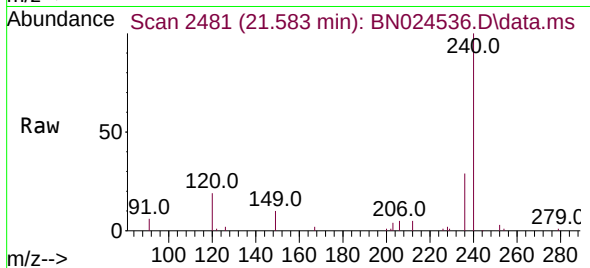
TT172S1-20230313

Tgt Ion:240	Resp:	19200
Ion Ratio	Lower	Upper
240	100	
120	18.6	12.8 19.2
236	29.2	22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023



#30

Pyrene

Concen: 0.025 ng

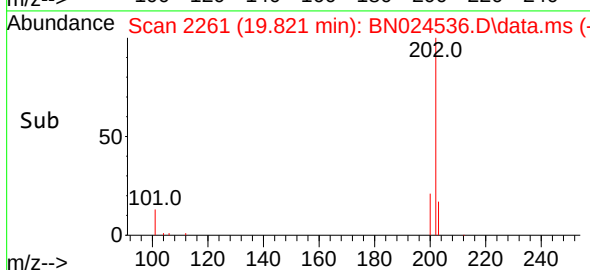
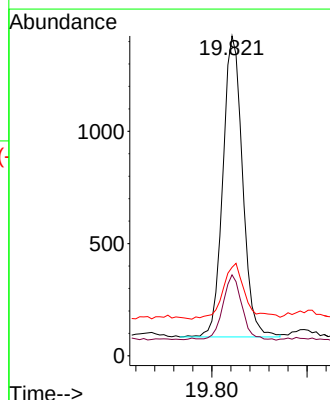
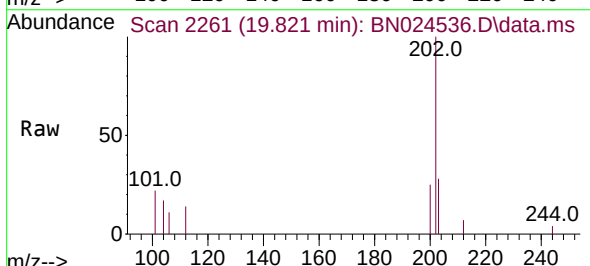
RT: 19.821 min Scan# 2261

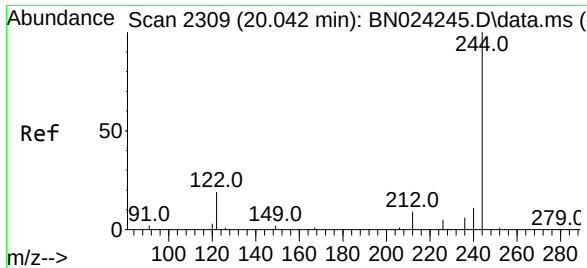
Delta R.T. -0.000 min

Lab File: BN024536.D

Acq: 24 Mar 2023 08:19

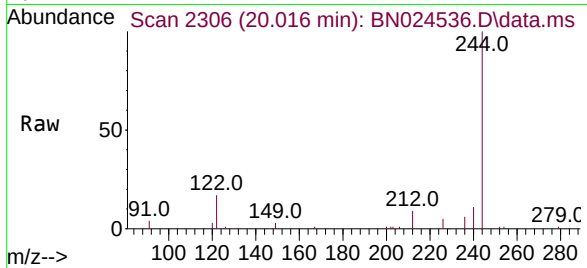
Tgt Ion:202	Resp:	1918
Ion Ratio	Lower	Upper
202	100	
200	21.0	17.0 25.4
203	21.1	14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.581 ng
 RT: 20.016 min Scan# 2309
 Delta R.T. -0.000 min
 Lab File: BN024536.D
 Acq: 24 Mar 2023 08:19

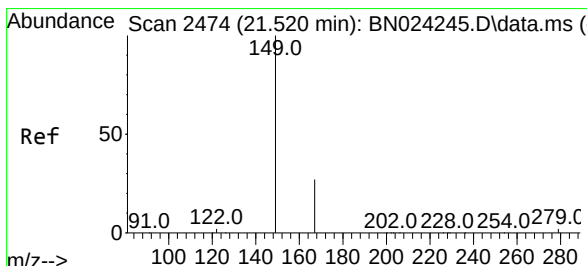
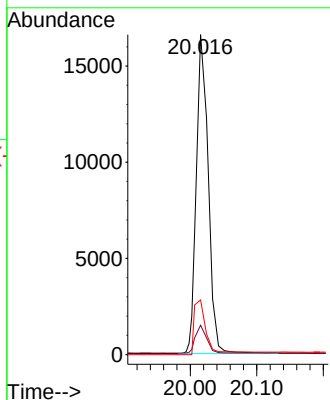
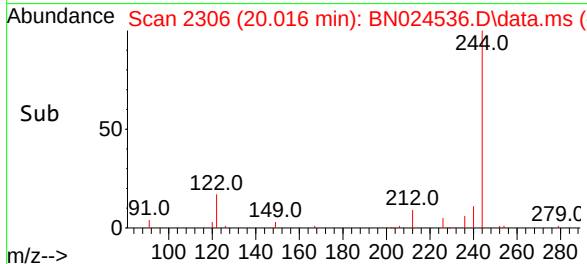
Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230313



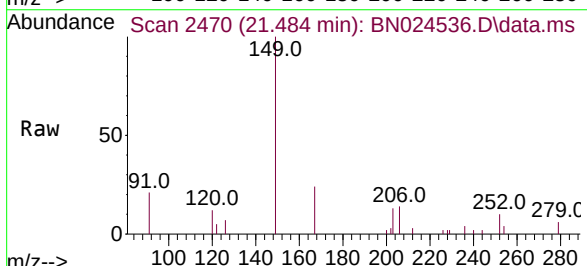
Tgt Ion:244 Resp: 18802
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.6 11.4
 122 17.1 15.1 22.7

Manual Integrations
 APPROVED

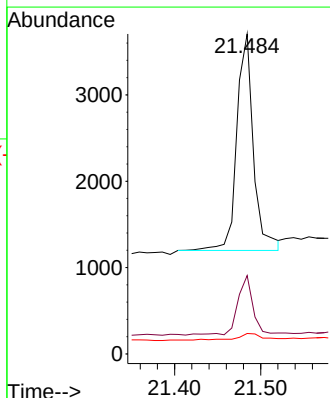
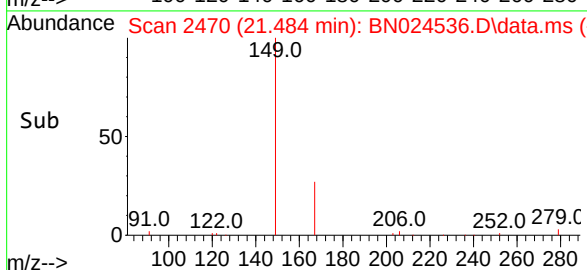
Reviewed By :Christian Giraldo 03/24/2023
 Supervised By :Jagrut Upadhyay 03/24/2023

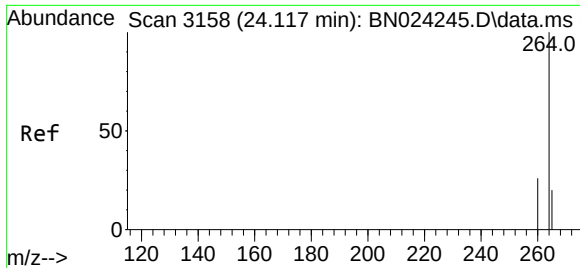


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.484 min Scan# 2470
 Delta R.T. -0.000 min
 Lab File: BN024536.D
 Acq: 24 Mar 2023 08:19



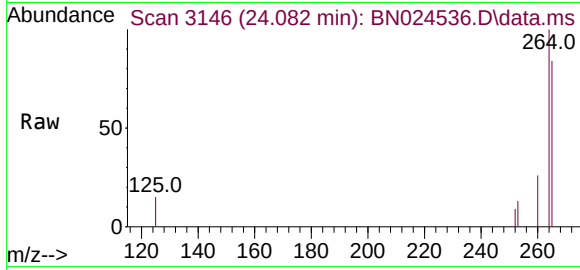
Tgt Ion:149 Resp: 3355
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.2 31.8
 279 4.9 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.082 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN024536.D
 Acq: 24 Mar 2023 08:19

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230313



Tgt Ion: 264 Resp: 1591

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.4	32.2
265	84.3	35.7	53.5

Manual Integrations
APPROVED
 Reviewed By :Christian Giraldo 03/24/2023
 Supervised By :Jagrut Upadhyay 03/24/2023

