

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024295.D
 Acq On : 15 Mar 2023 16:07
 Operator : CG/JU
 Sample : 01843-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230306

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2023
 Supervised By : Jagrut Upadhyay 03/16/2023

Quant Time: Mar 16 01:18:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 16 01:06:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7483	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	21966	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	11259	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	24106	0.400	ng	0.00
29) Chrysene-d12	21.610	240	16973	0.400	ng	0.00
35) Perylene-d12	24.106	264	12788	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2311	0.139	ng	0.00
5) Phenol-d6	7.195	99	1661	0.078	ng	0.00
8) Nitrobenzene-d5	9.201	82	5536	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	9448	0.350	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1535	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	14309	0.336	ng	0.00
27) Fluoranthene-d10	19.446	212	24678	0.483	ng	0.00
31) Terphenyl-d14	20.034	244	13518	0.472	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	51188	6.287	ng	98
6) bis(2-Chloroethyl)ether	7.462	93	867	0.041	ng	# 88
18) Fluorene	15.712	166	1170	0.029	ng	# 49
25) Phenanthrene	17.462	178	3020m	0.042	ng	
34) Bis(2-ethylhexyl)phtha...	21.511	149	3736	0.140	ng	# 99

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

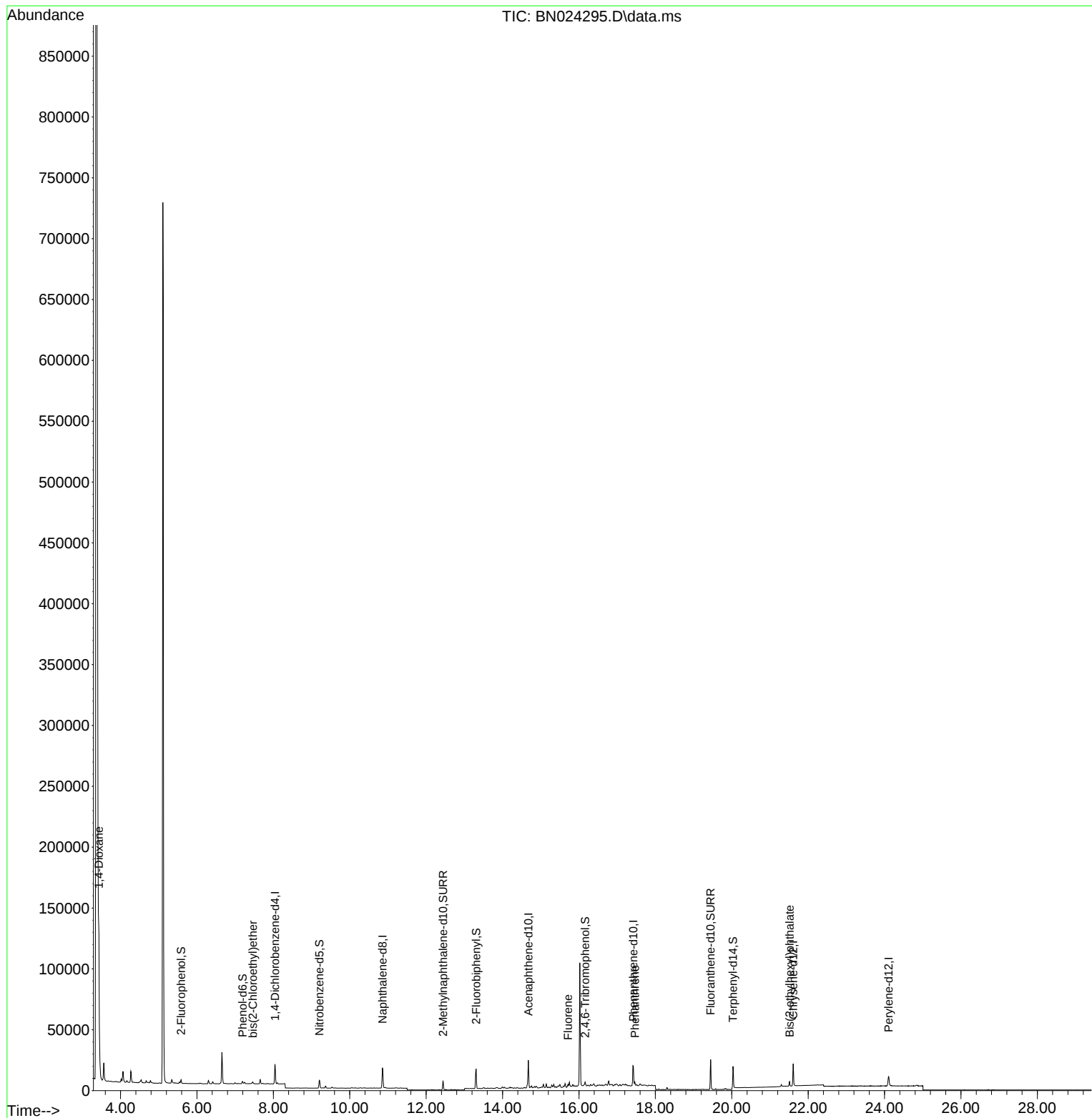
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
Data File : BN024295.D
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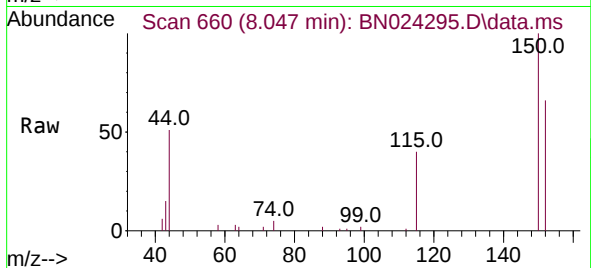
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN024295.D
 Acq: 15 Mar 2023 16:07

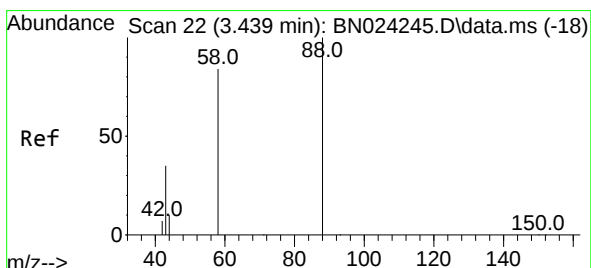
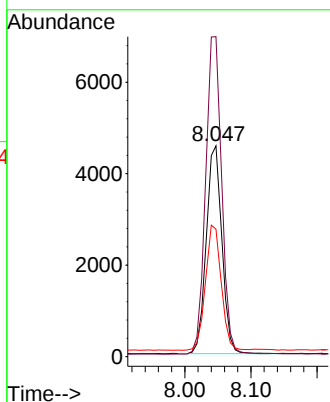
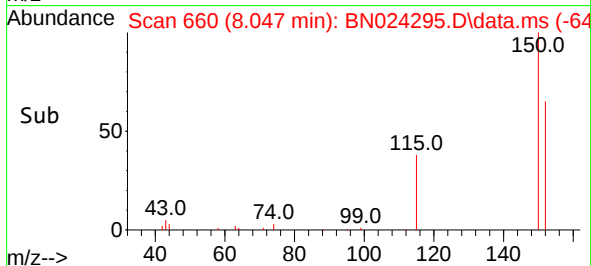
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230306



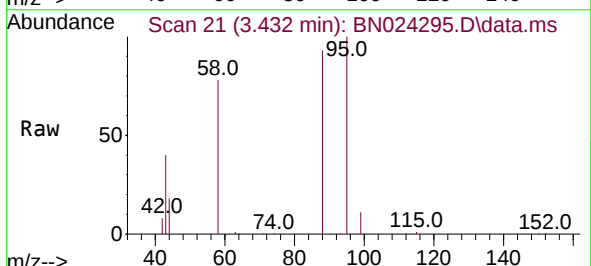
Tgt Ion: 152 Resp: 7483
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.7 187.1
 115 60.5 49.1 73.7

Manual Integrations
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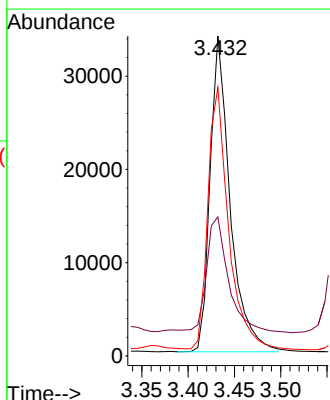
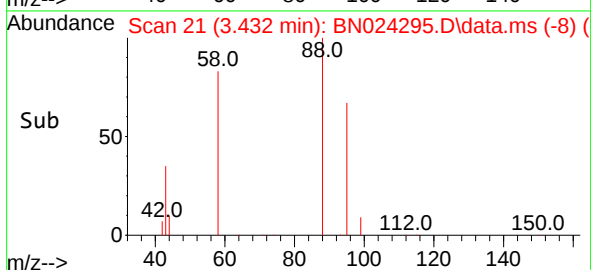
Reviewed By :Christian Giraldo 03/16/2023
 Supervised By :Jagrut Upadhyay 03/16/2023



#2
 1,4-Dioxane
 Concen: 6.287 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024295.D
 Acq: 15 Mar 2023 16:07



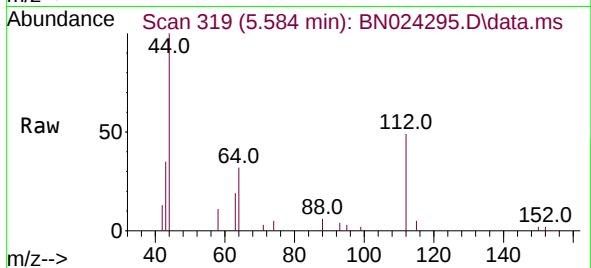
Tgt Ion: 88 Resp: 51188
 Ion Ratio Lower Upper
 88 100
 43 39.4 29.0 43.4
 58 84.5 67.3 100.9





#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

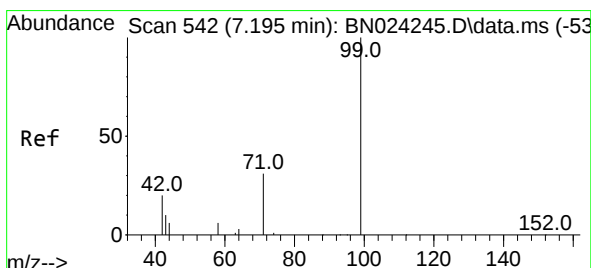
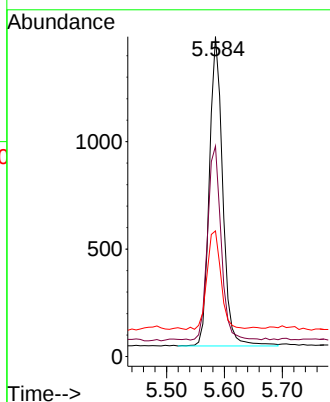
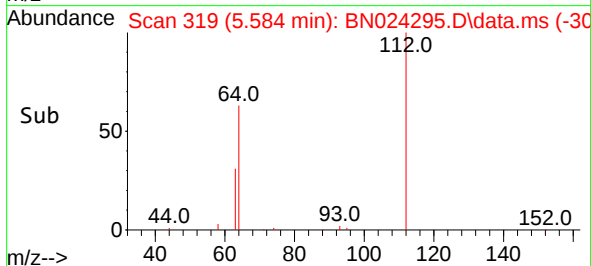
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306



Tgt Ion: 112 Resp: 2311
Ion Ratio Lower Upper
112 100
64 63.1 49.0 73.6
63 33.3 25.7 38.5

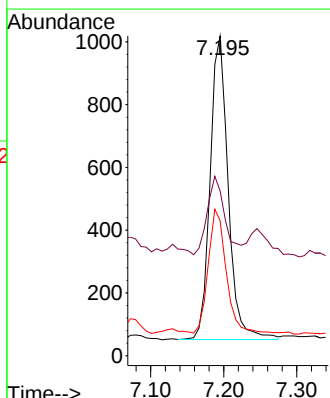
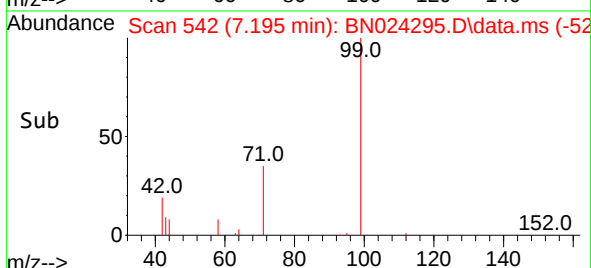
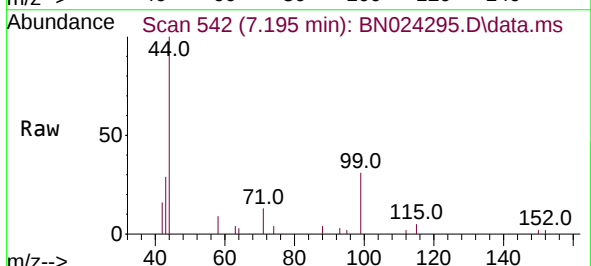
Manual Integrations
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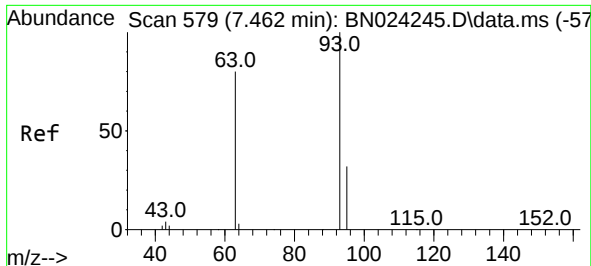
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#5
Phenol-d6
Concen: 0.078 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

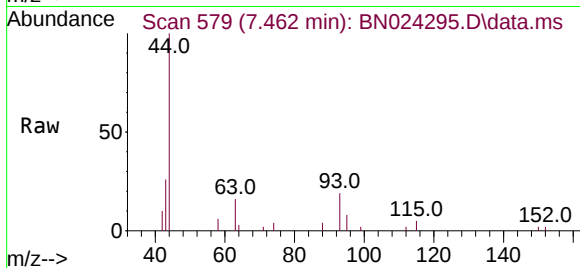
Tgt Ion: 99 Resp: 1661
Ion Ratio Lower Upper
99 100
42 25.6 20.1 30.1
71 42.1 25.8 38.8#





#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.462 min Scan# 579
Delta R.T. 0.007 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

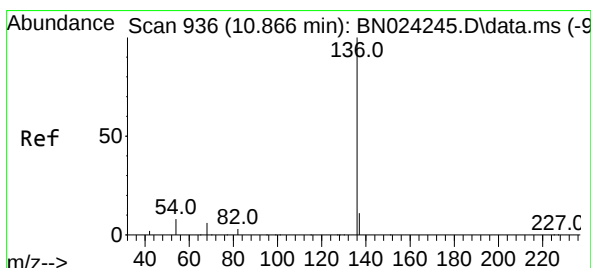
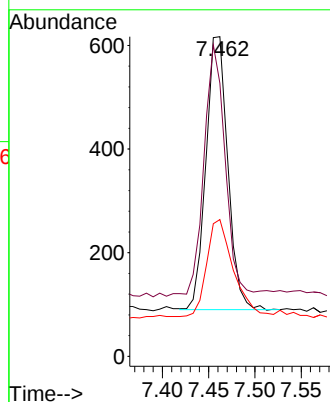
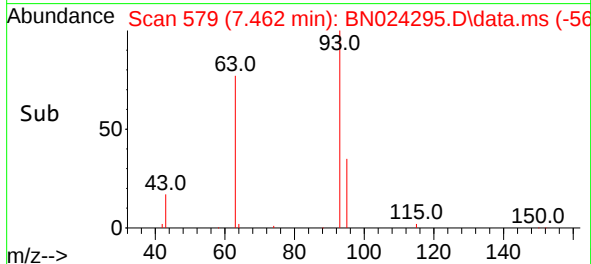
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306



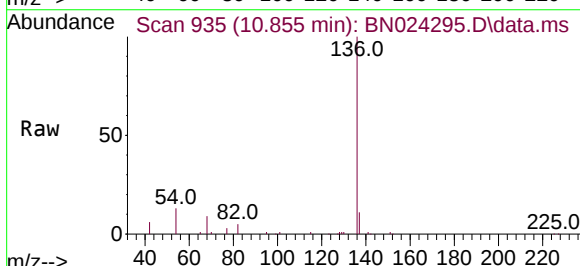
Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.2	65.4	98.2
95	45.3	25.8	38.8

Manual Integrations
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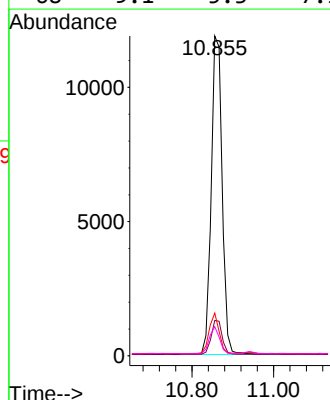
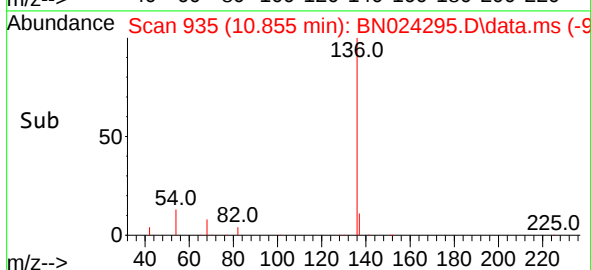
Reviewed By :Christian Giraldo 03/16/2023
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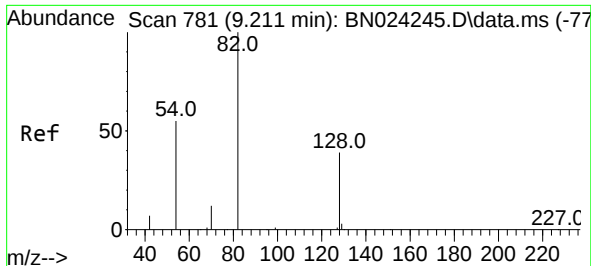


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	13.4	7.1	10.7
68	9.1	5.3	7.9





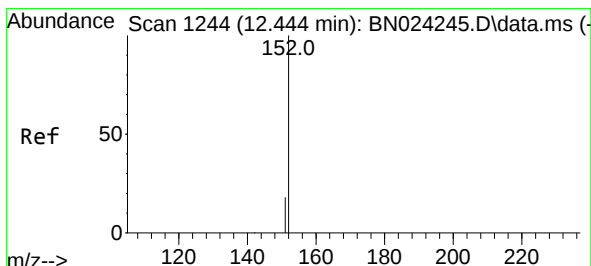
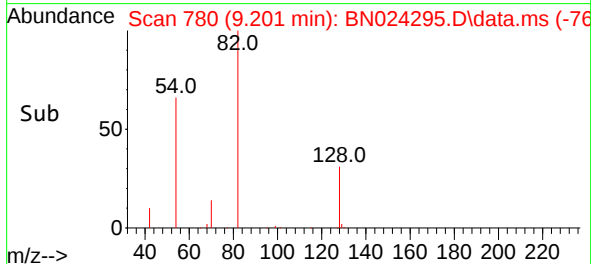
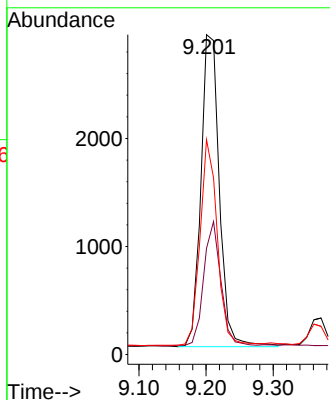
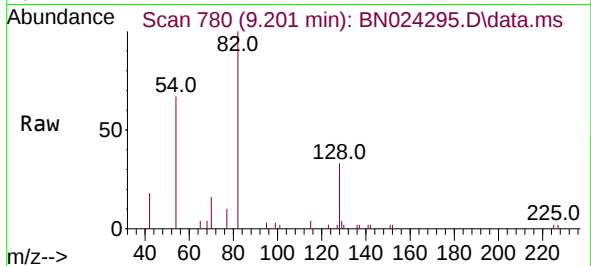
#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306

Tgt Ion: 82 Resp: 5536
Ion Ratio Lower Upper
82 100
128 33.2 32.4 48.6
54 67.2 45.2 67.8

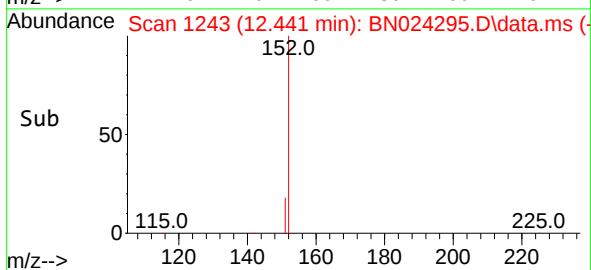
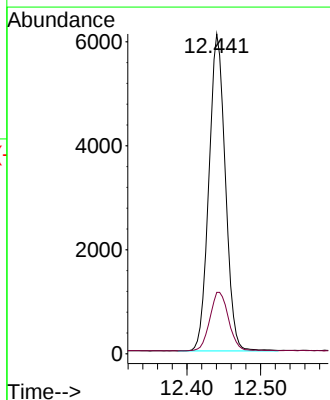
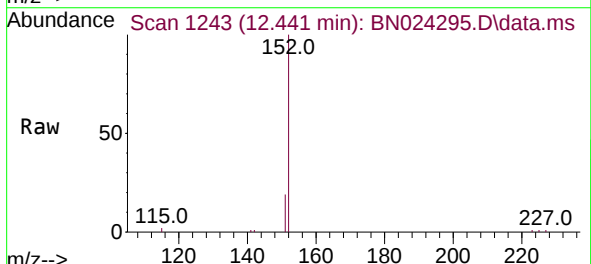
Manual Integrations
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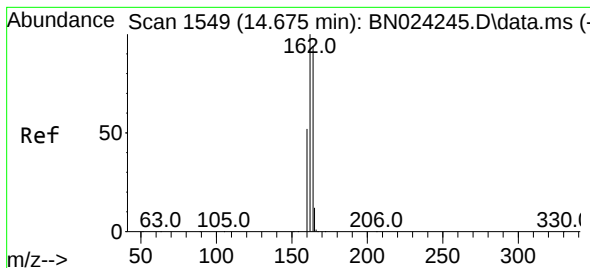
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.441 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

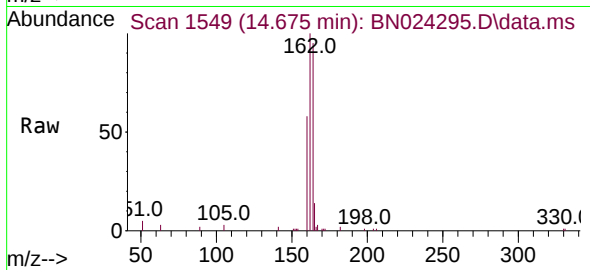
Tgt Ion:152 Resp: 9448
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 11259
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

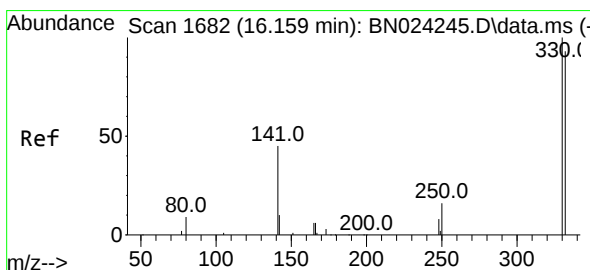
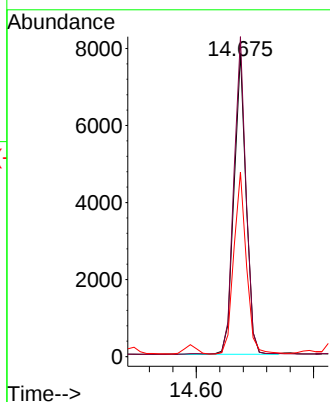
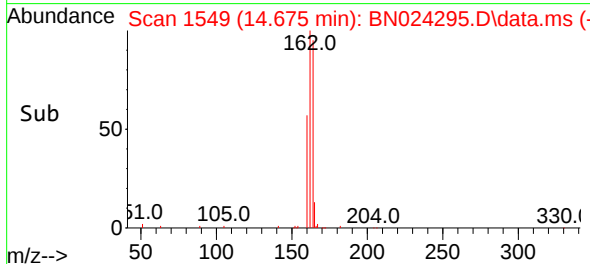
Instrument :
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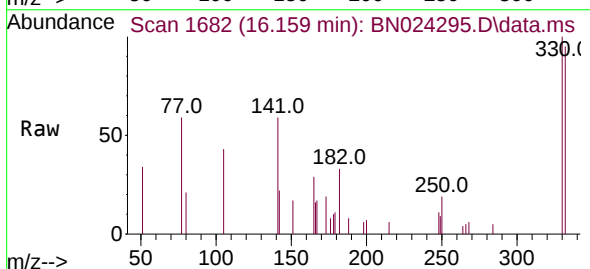
Tgt Ion:164 Resp: 11259
Ion Ratio Lower Upper
164 100
162 105.4 84.7 127.1
160 60.8 44.6 66.8

Manual Integrations
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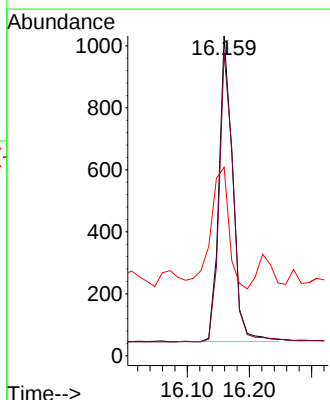
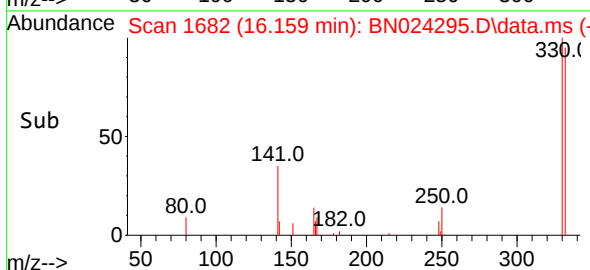
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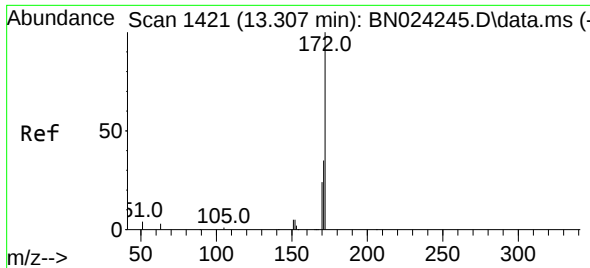


#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07



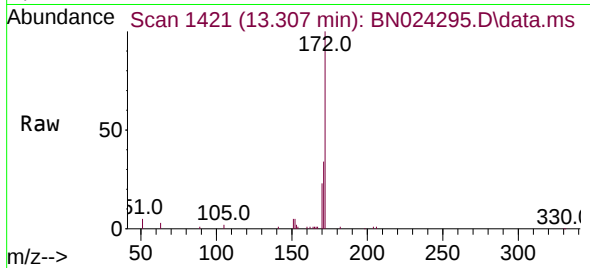
Tgt Ion:330 Resp: 1535
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 52.8 30.8 46.2#





#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

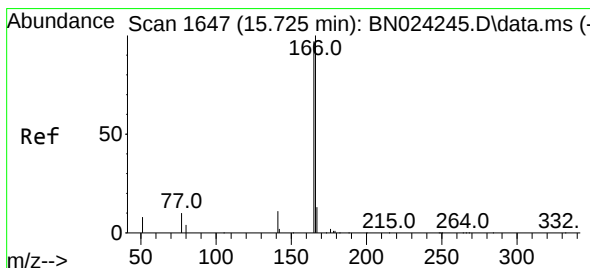
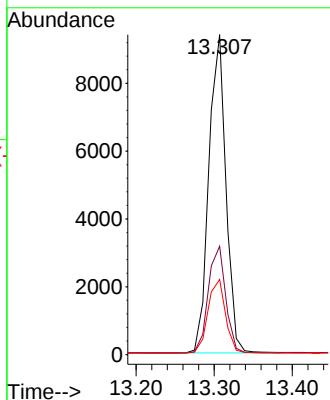
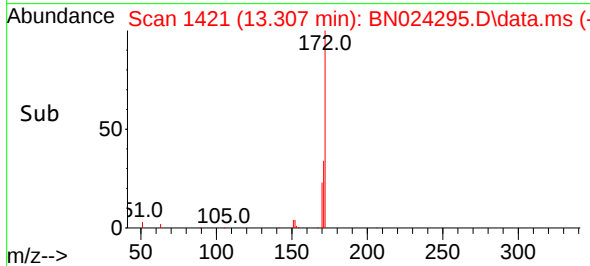
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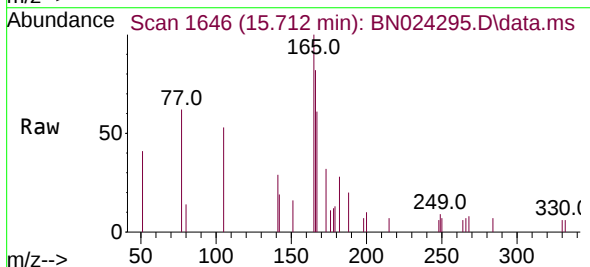
Tgt Ion:172 Resp: 14309
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.8
170 23.5 19.0 28.6

Manual Integrations
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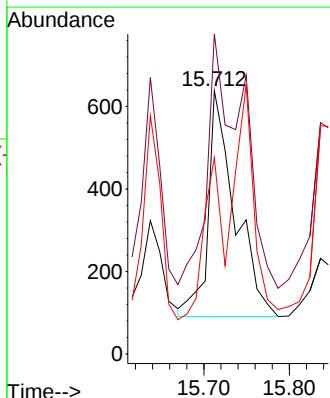
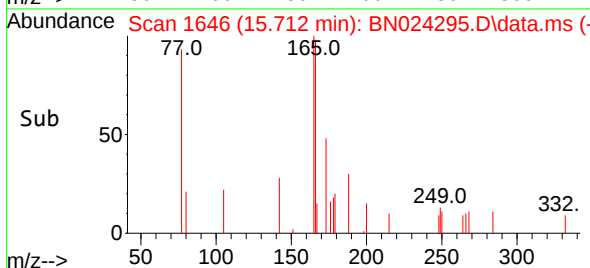
Reviewed By :Christian Giraldo 03/16/2023
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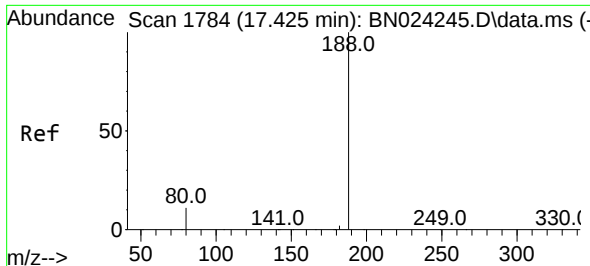


#18
Fluorene
Concen: 0.029 ng
RT: 15.712 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07



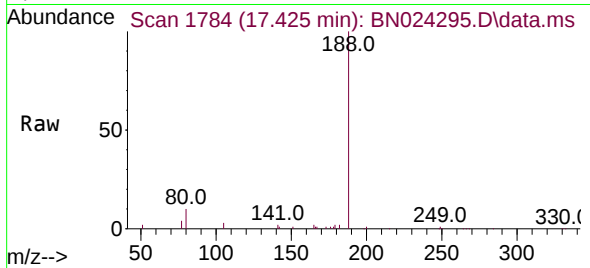
Tgt Ion:166 Resp: 1170
Ion Ratio Lower Upper
166 100
165 146.8 80.2 120.2#
167 48.4 10.8 16.2#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

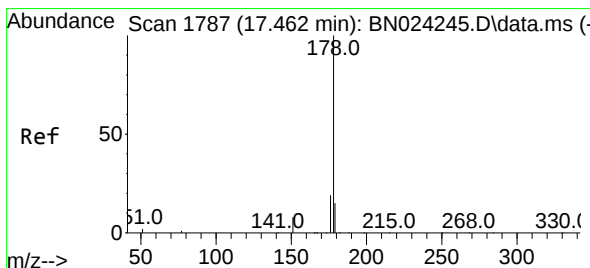
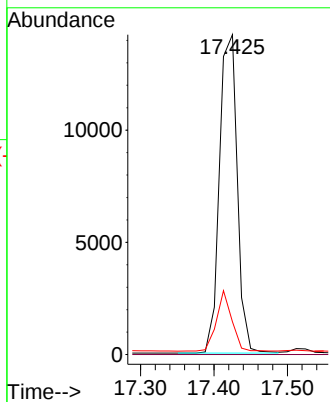
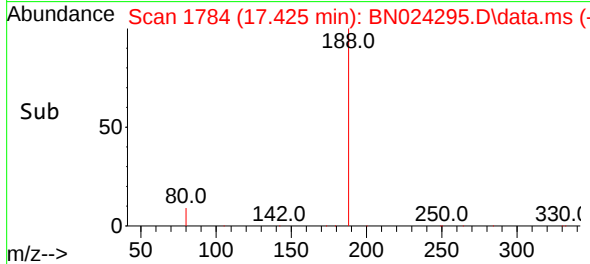
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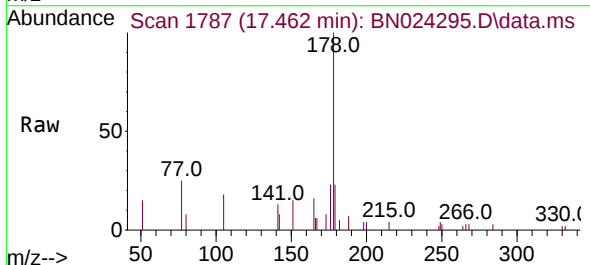
Tgt Ion:188 Resp: 24100
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 8.9 13.3

Manual Integrations
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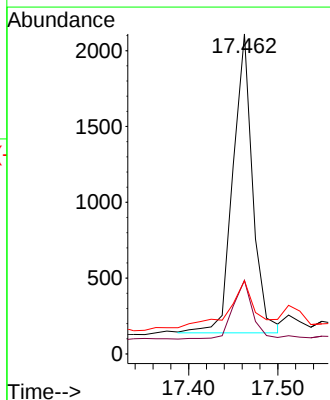
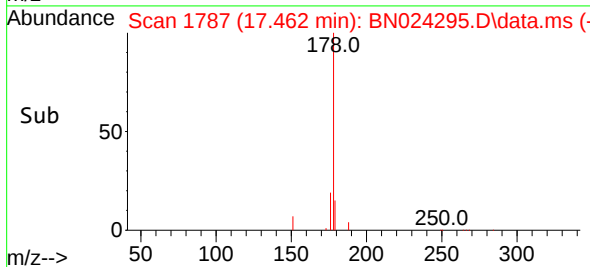
Reviewed By :Christian Giraldo 03/16/2023
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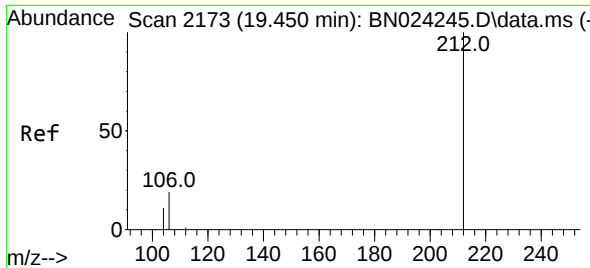


#25
Phenanthrene
Concen: 0.042 ng m
RT: 17.462 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07



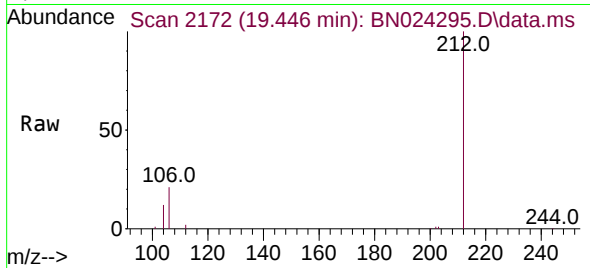
Tgt Ion:178 Resp: 3020
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.0
179 25.1 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.483 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

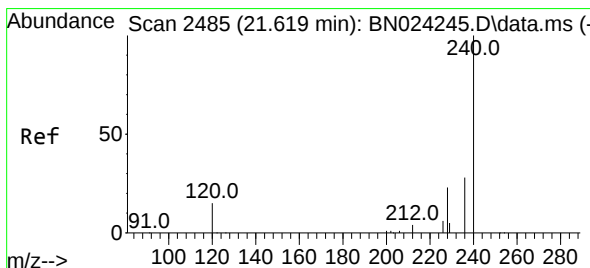
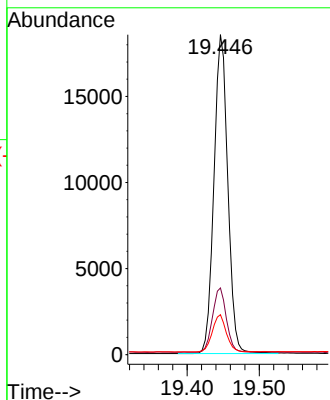
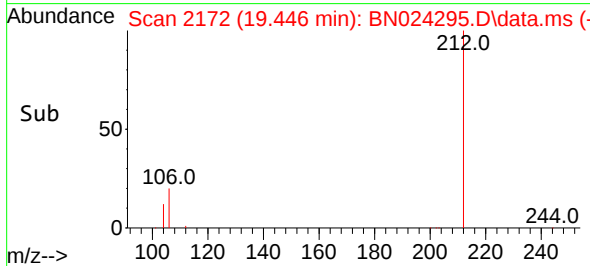
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306



Tgt Ion:212 Resp: 24678
Ion Ratio Lower Upper
212 100
106 20.1 15.4 23.2
104 11.7 8.6 13.0

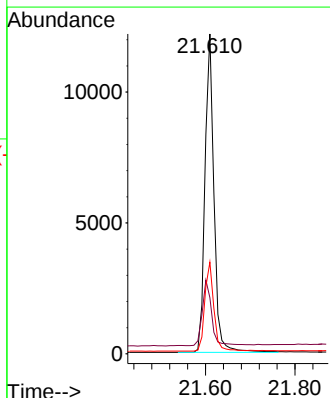
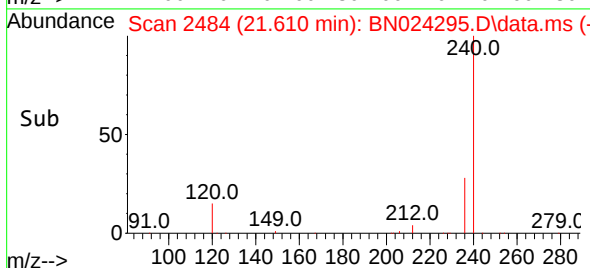
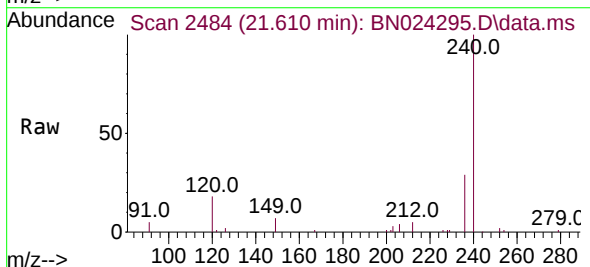
Manual Integrations
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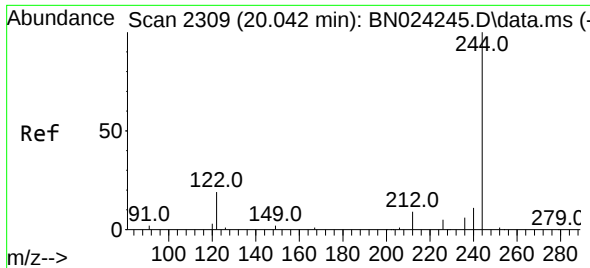
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

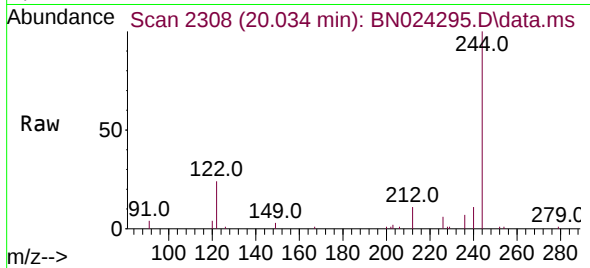
Tgt Ion:240 Resp: 16973
Ion Ratio Lower Upper
240 100
120 17.6 12.8 19.2
236 28.7 22.5 33.7





#31
 Terphenyl-d14
 Concen: 0.472 ng
 RT: 20.034 min Scan# 2309
 Delta R.T. -0.009 min
 Lab File: BN024295.D
 Acq: 15 Mar 2023 16:07

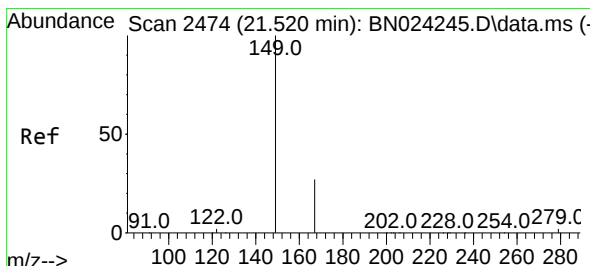
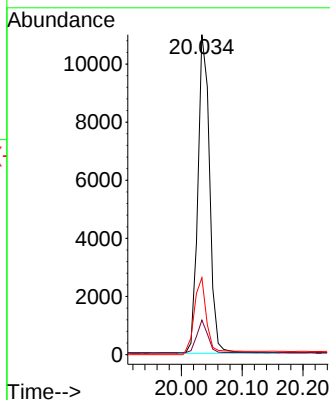
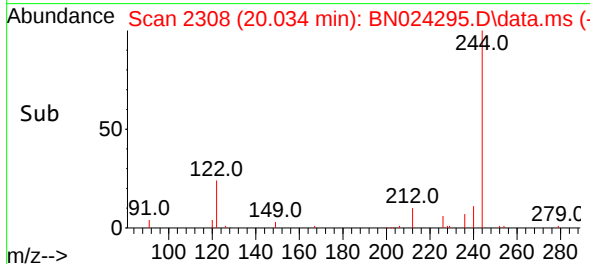
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230306



Tgt Ion:244 Resp: 13518
 Ion Ratio Lower Upper
 244 100
 212 10.8 7.6 11.4
 122 24.0 15.1 22.7

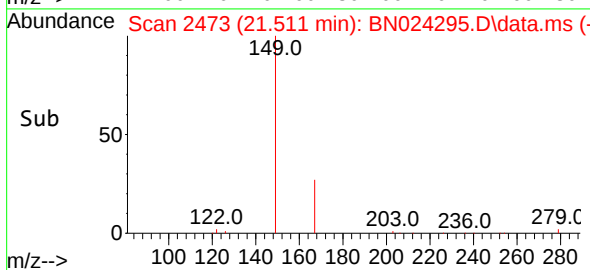
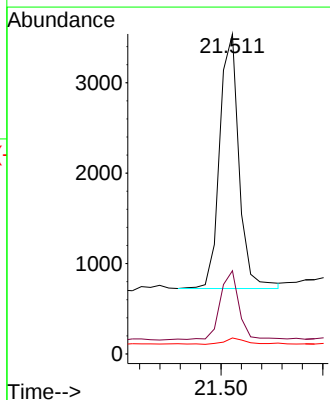
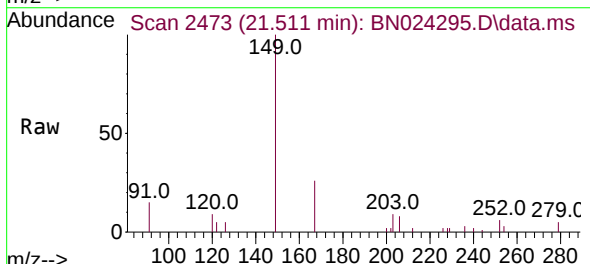
Manual Integrations
 APPROVED

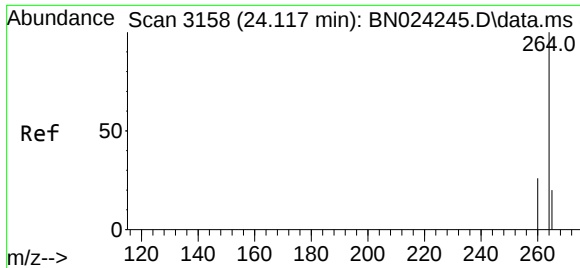
Reviewed By :Christian Giraldo 03/16/2023
 Supervised By :Jagrut Upadhyay 03/16/2023



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.140 ng
 RT: 21.511 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BN024295.D
 Acq: 15 Mar 2023 16:07

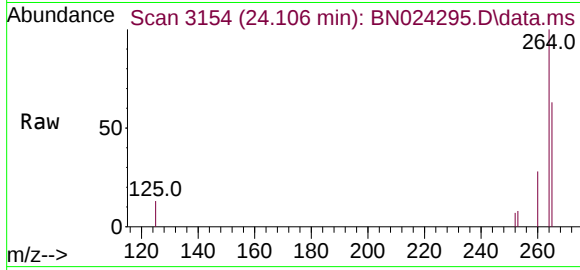
Tgt Ion:149 Resp: 3736
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.2 31.8
 279 3.0 1.8 2.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.106 min Scan# 31
Delta R.T. -0.023 min
Lab File: BN024295.D
Acq: 15 Mar 2023 16:07

Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306



Tgt Ion:264 Resp: 12788

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.4	32.2
265	63.3	35.7	53.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

