

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024294.D
 Acq On : 15 Mar 2023 15:30
 Operator : CG/JU
 Sample : 01843-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306

Manual Integrations
 APPROVED

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

Quant Time: Mar 16 01:18:38 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	7278	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	21591	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10967	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	23429	0.400	ng	0.00
29) Chrysene-d12	21.610	240	15898	0.400	ng	# 0.00
35) Perylene-d12	24.123	264	12144	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2297	0.143	ng	0.00
5) Phenol-d6	7.195	99	1664	0.080	ng	0.00
8) Nitrobenzene-d5	9.200	82	5520	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.440	152	9695	0.365	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1535	0.274	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	15314	0.370	ng	0.00
27) Fluoranthene-d10	19.446	212	22625	0.456	ng	0.00
31) Terphenyl-d14	20.033	244	13559	0.506	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	52374	6.614	ng	98
25) Phenanthrene	17.462	178	1679m	0.024	ng	
34) Bis(2-ethylhexyl)phtha...	21.511	149	2464	0.099	ng	# 97

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

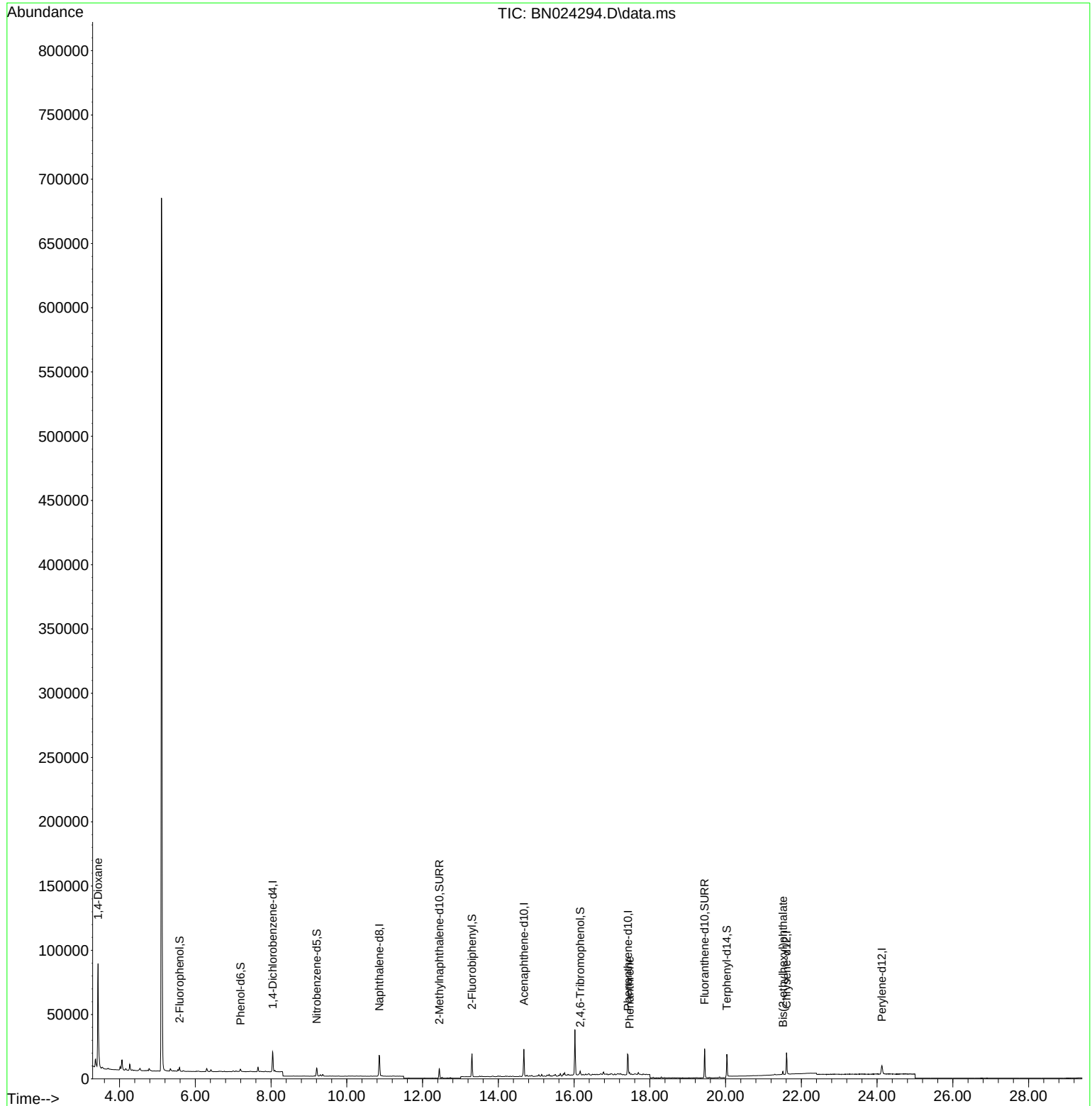
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
Data File : BN024294.D
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Sample : 01843-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

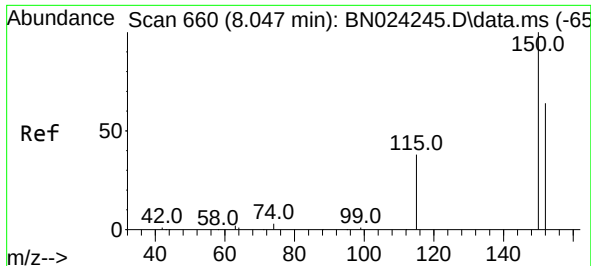
Instrument :
BNA_N
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RE132D2-20230306

Quant Time: Mar 16 01:18:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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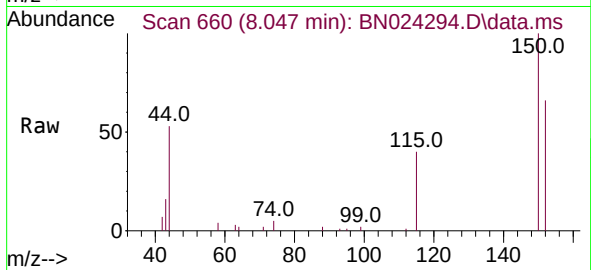
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.047 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

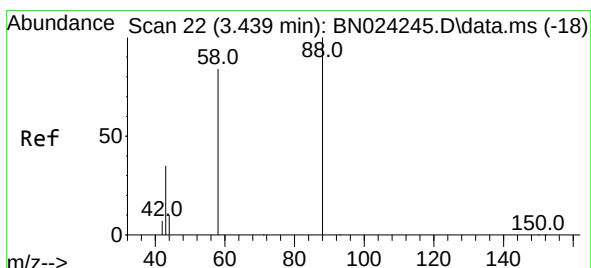
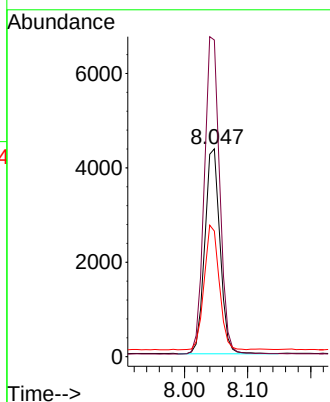
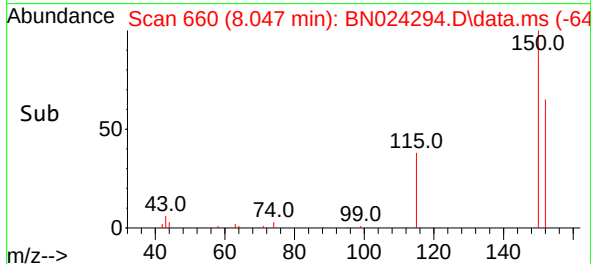
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306



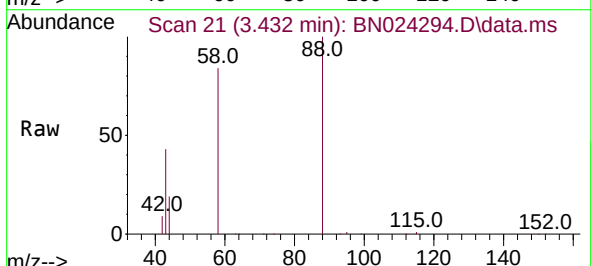
Tgt Ion:152 Resp: 7278
Ion Ratio Lower Upper
152 100
150 152.4 124.7 187.1
115 60.4 49.1 73.7

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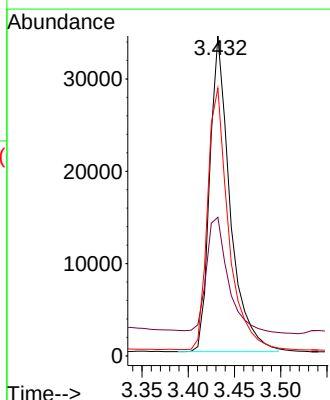
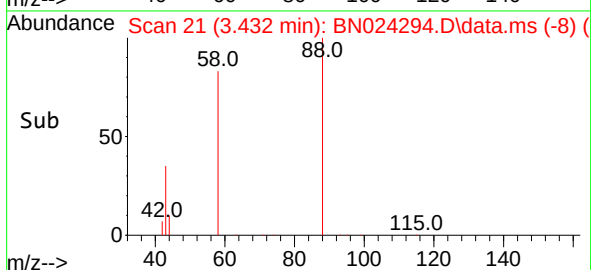
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

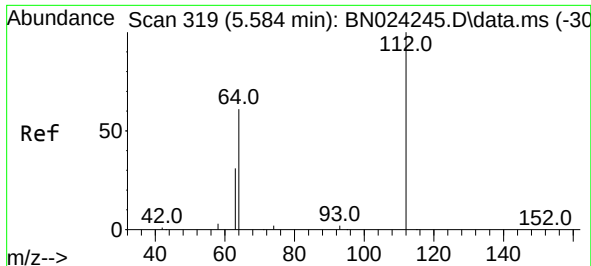


#2
1,4-Dioxane
Concen: 6.614 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30



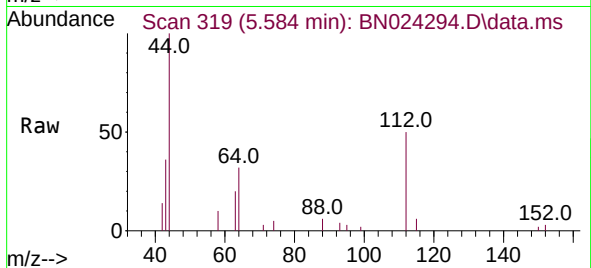
Tgt Ion: 88 Resp: 52374
Ion Ratio Lower Upper
88 100
43 39.0 29.0 43.4
58 85.2 67.3 100.9





#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

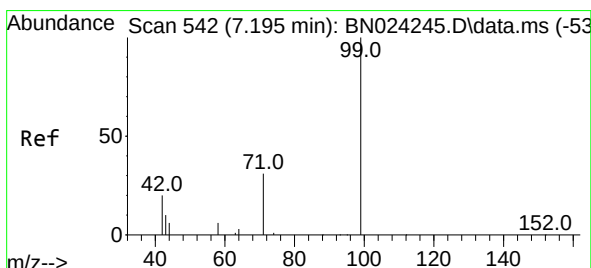
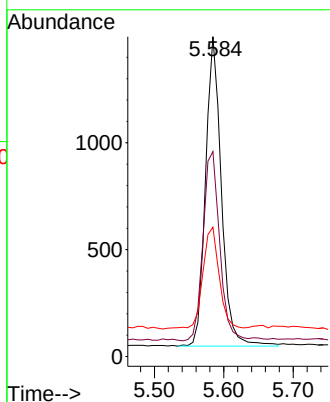
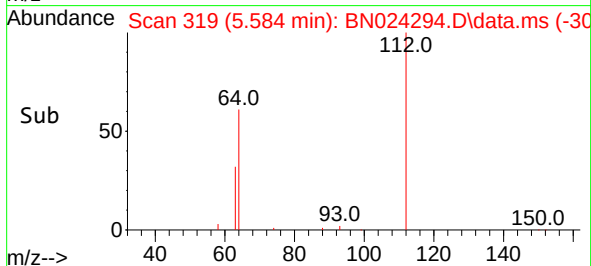
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306



Tgt Ion:112 Resp: 2297
Ion Ratio Lower Upper
112 100
64 64.1 49.0 73.6
63 34.2 25.7 38.5

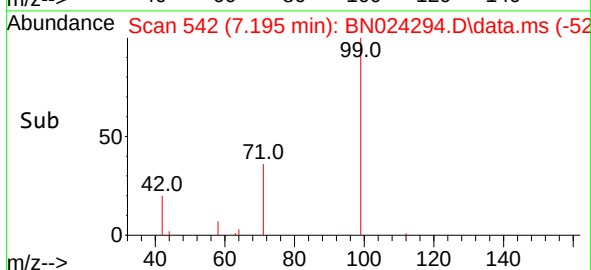
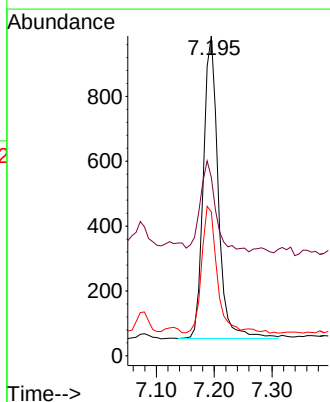
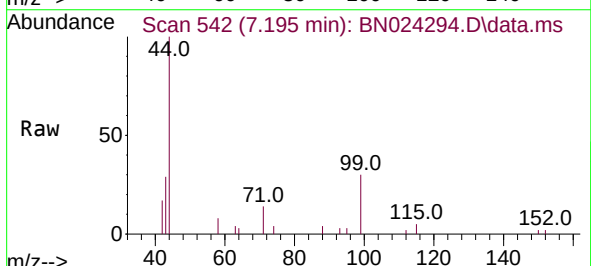
Manual Integrations
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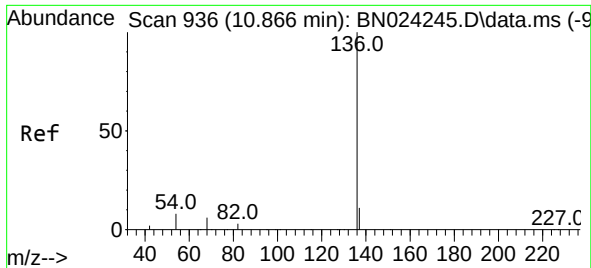
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#5
Phenol-d6
Concen: 0.080 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

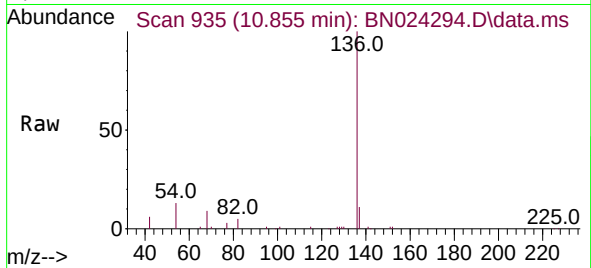
Tgt Ion: 99 Resp: 1664
Ion Ratio Lower Upper
99 100
42 31.1 20.1 30.1#
71 42.6 25.8 38.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

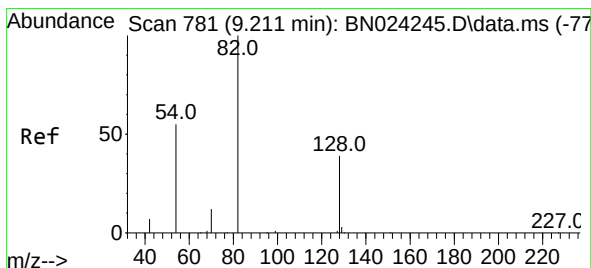
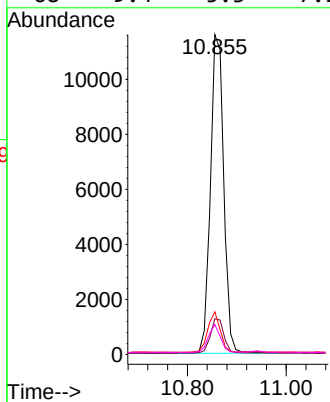
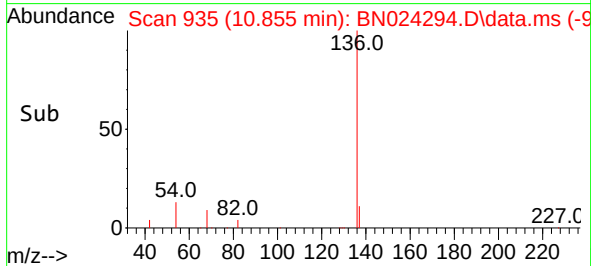
Instrument :
BNA_N
ClientSampleId :
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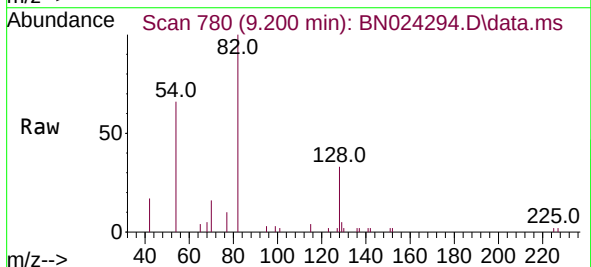
Tgt Ion:	136	Resp:	2159
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	13.4	7.1	10.7
68	9.4	5.3	7.9

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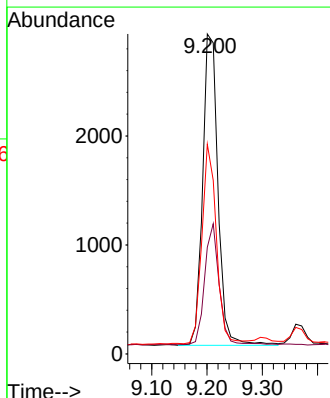
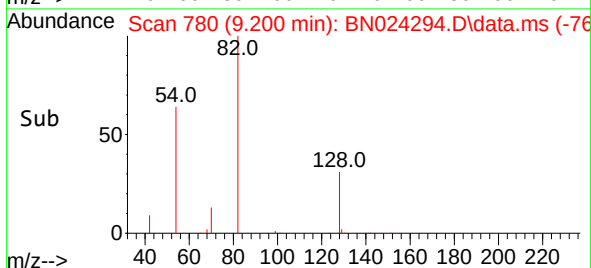
Reviewed By :Christian Giraldo 03/16/2023
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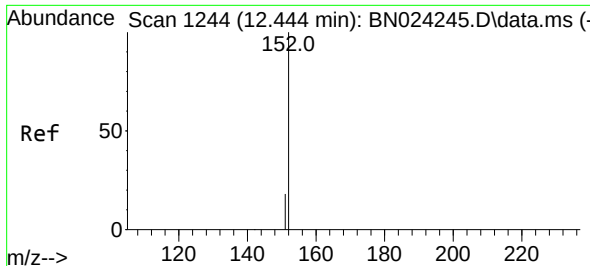


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.200 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30



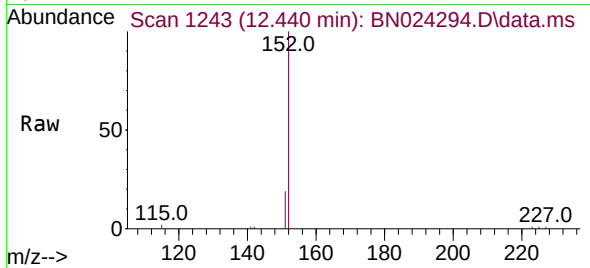
Tgt Ion:	82	Resp:	5520
Ion Ratio	Lower	Upper	
82	100		
128	33.3	32.4	48.6
54	65.5	45.2	67.8





#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.440 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

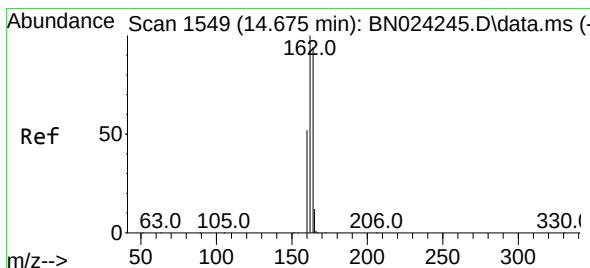
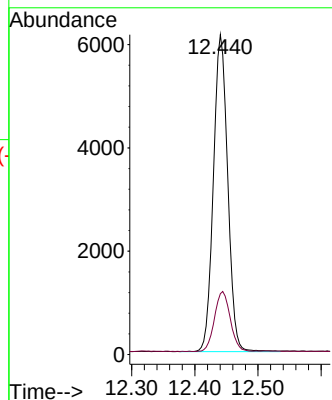
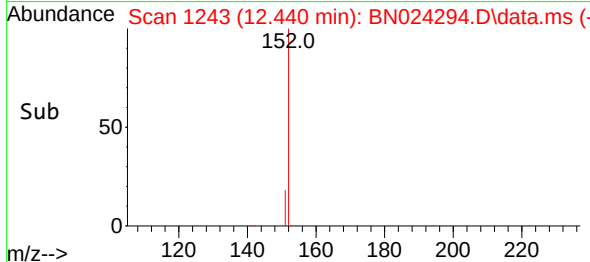
Instrument :
BNA_N
ClientSampleId :
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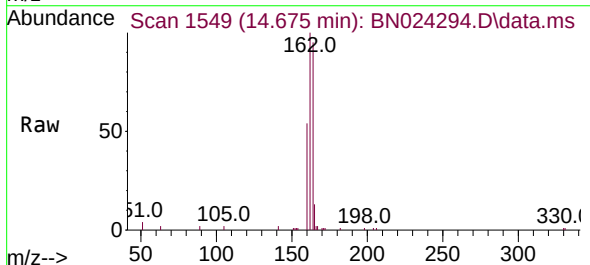
Tgt Ion:152 Resp: 9695
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2

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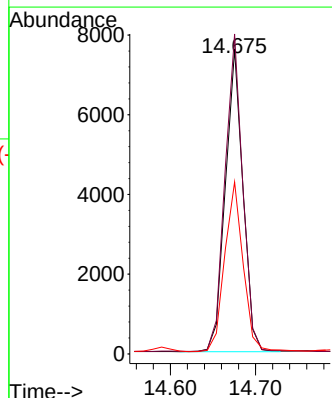
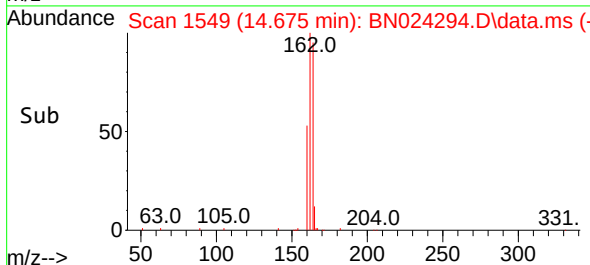
Reviewed By :Christian Giraldo 03/16/2023
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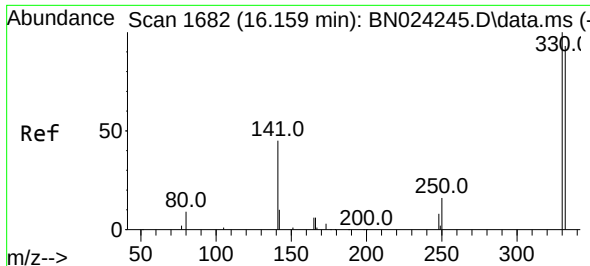


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30



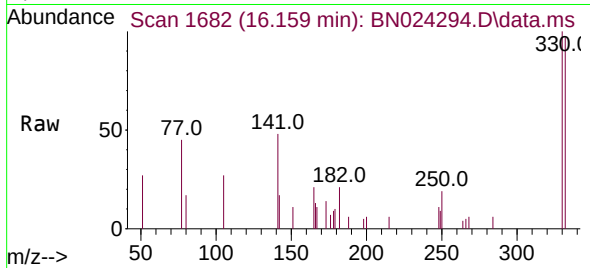
Tgt Ion:164 Resp: 10967
Ion Ratio Lower Upper
164 100
162 105.1 84.7 127.1
160 56.5 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

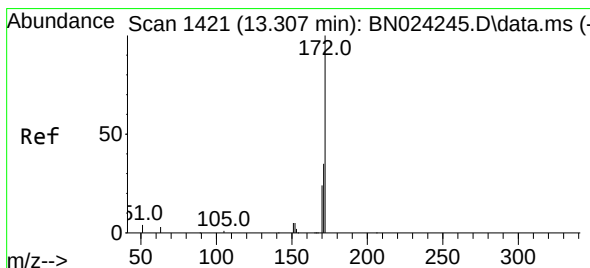
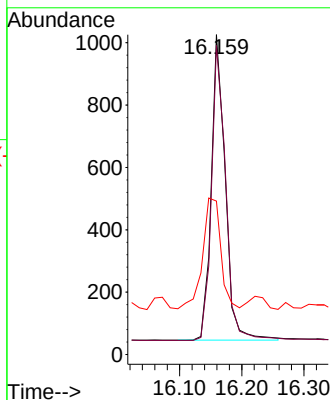
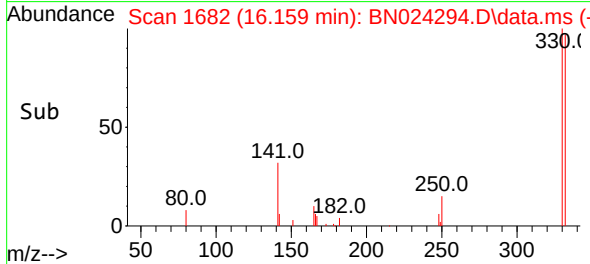
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306



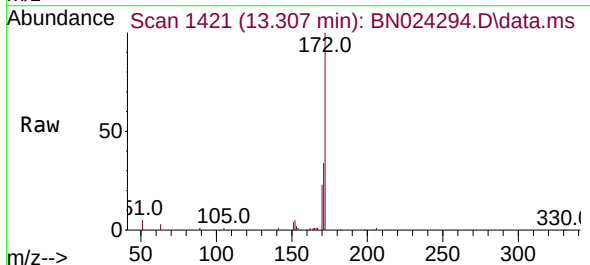
Tgt Ion: 330 Resp: 1535
Ion Ratio Lower Upper
330 100
332 98.0 78.0 117.0
141 46.8 30.8 46.2

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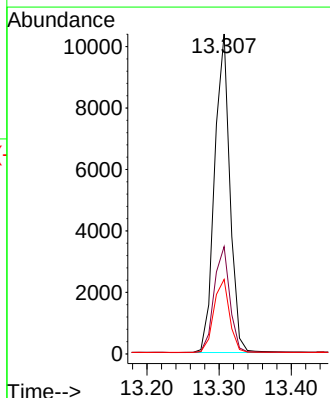
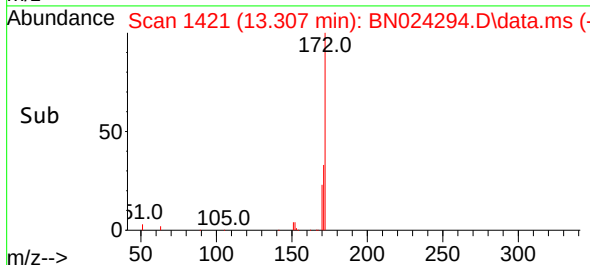
Reviewed By : Christian Giraldo 03/16/2023
Supervised By : Jagrut Upadhyay 03/16/2023

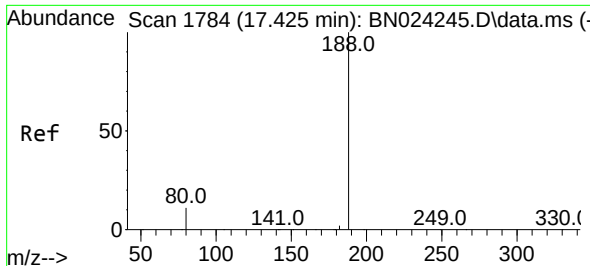


#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.307 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30



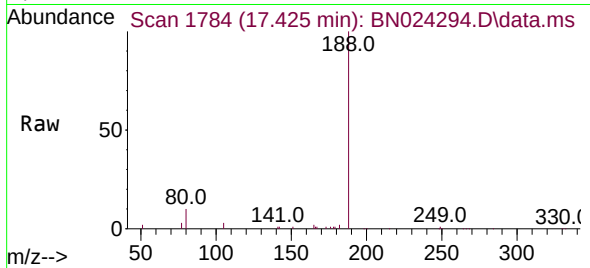
Tgt Ion: 172 Resp: 15314
Ion Ratio Lower Upper
172 100
171 33.5 27.8 41.8
170 23.3 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

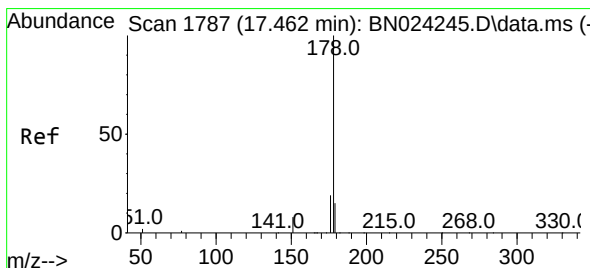
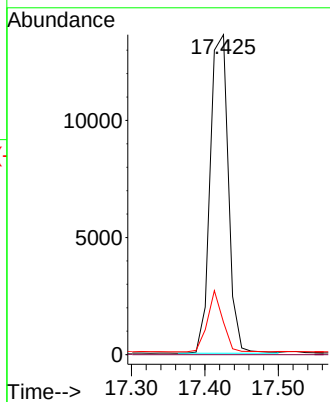
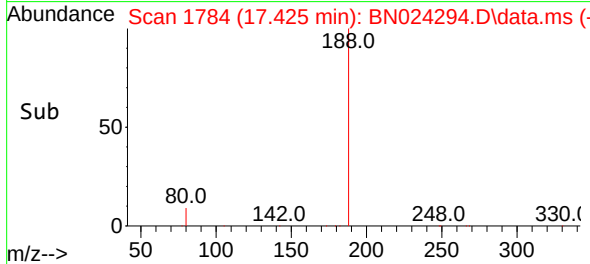
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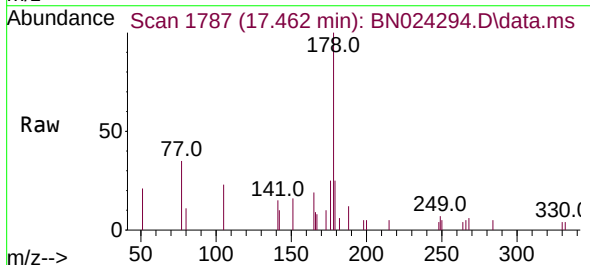
Tgt Ion:188 Resp: 23429
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 8.9 13.3

Manual Integrations
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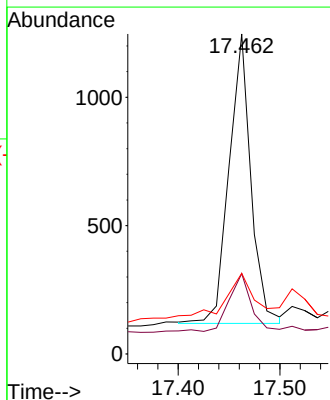
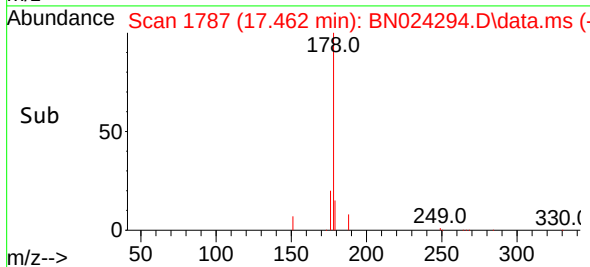
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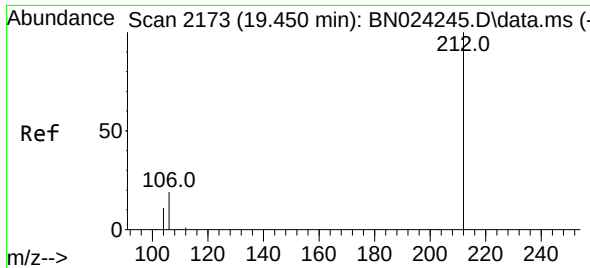


#25
Phenanthrene
Concen: 0.024 ng m
RT: 17.462 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30



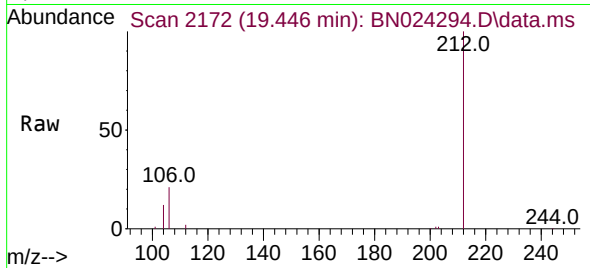
Tgt Ion:178 Resp: 1679
Ion Ratio Lower Upper
178 100
176 22.2 15.4 23.0
179 27.9 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

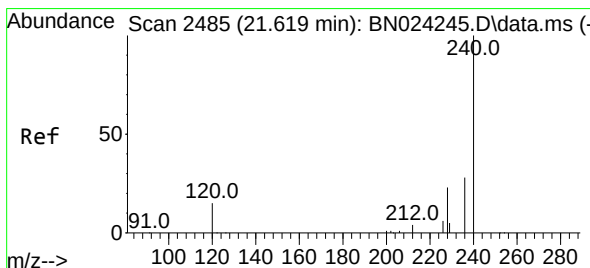
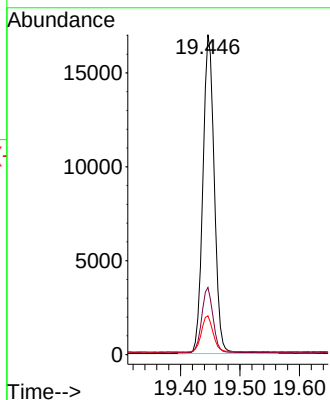
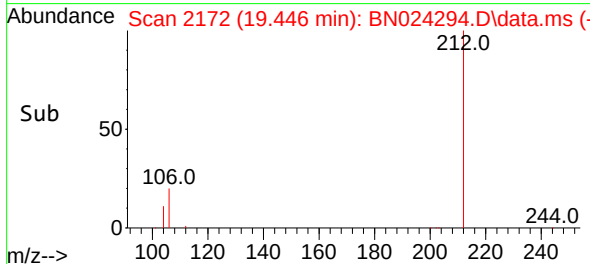
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306



Tgt Ion:212 Resp: 22625
Ion Ratio Lower Upper
212 100
106 20.2 15.4 23.2
104 11.7 8.6 13.0

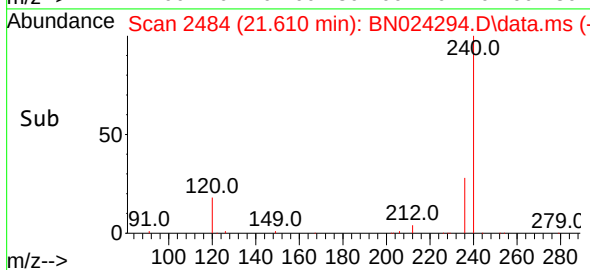
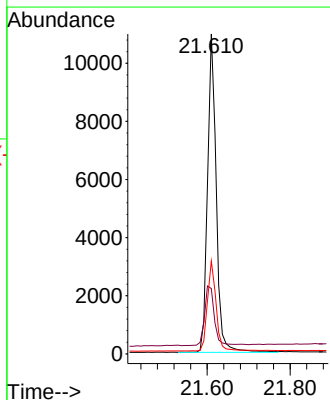
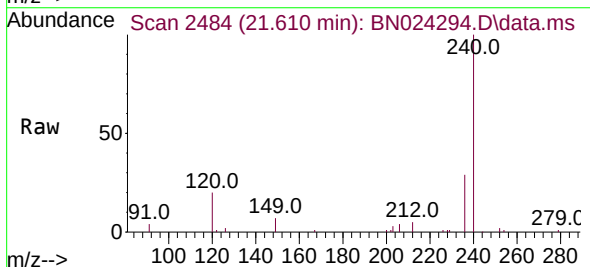
Manual Integrations
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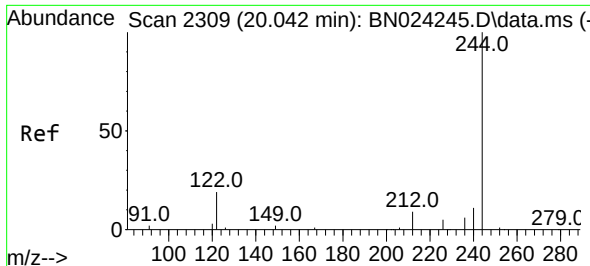
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN024294.D
Acq: 15 Mar 2023 15:30

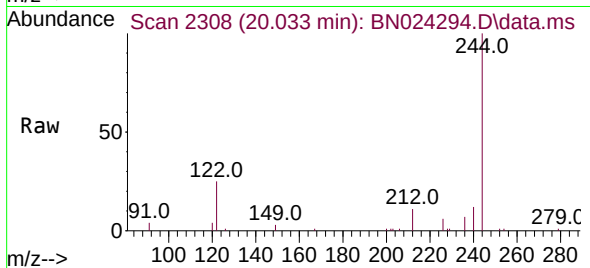
Tgt Ion:240 Resp: 15898
Ion Ratio Lower Upper
240 100
120 20.4 12.8 19.2#
236 29.0 22.5 33.7





#31
 Terphenyl-d14
 Concen: 0.506 ng
 RT: 20.033 min Scan# 2309
 Delta R.T. -0.009 min
 Lab File: BN024294.D
 Acq: 15 Mar 2023 15:30

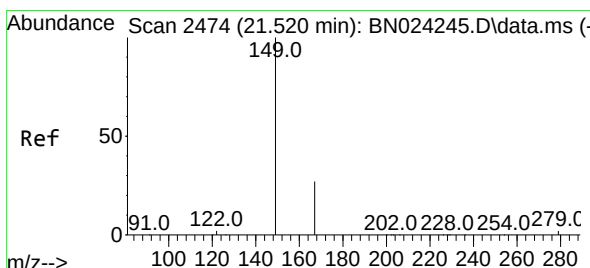
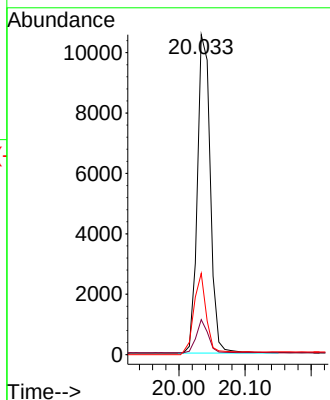
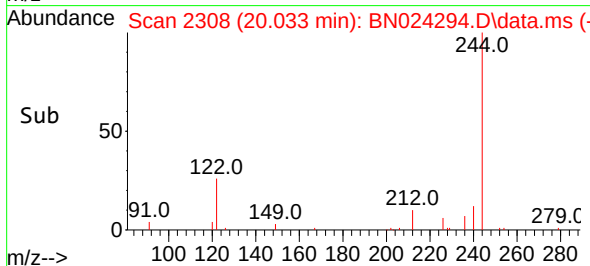
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306



Tgt Ion:244 Resp: 13559
 Ion Ratio Lower Upper
 244 100
 212 10.9 7.6 11.4
 122 25.4 15.1 22.7

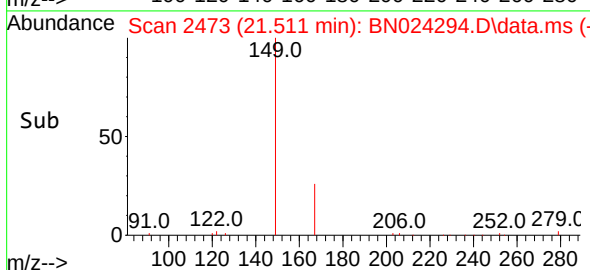
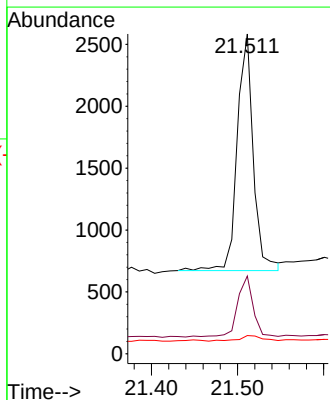
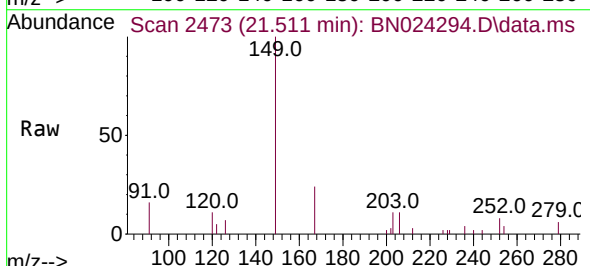
Manual Integrations
 APPROVED

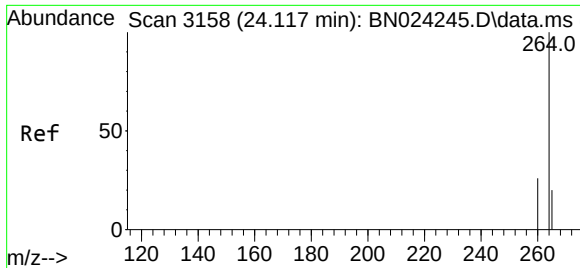
Reviewed By :Christian Giraldo 03/16/2023
 Supervised By :Jagrut Upadhyay 03/16/2023



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.511 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BN024294.D
 Acq: 15 Mar 2023 15:30

Tgt Ion:149 Resp: 2464
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.2 31.8
 279 3.6 1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.123 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN024294.D

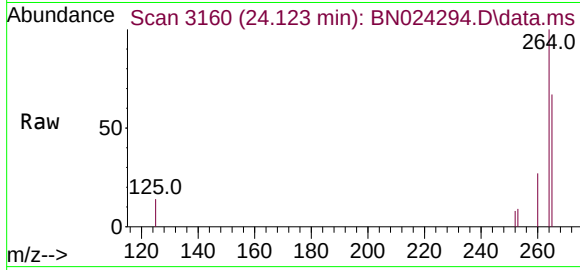
Acq: 15 Mar 2023 15:30

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230306



Tgt Ion:264 Resp: 12144

Ion Ratio Lower Upper

264 100

260 27.2 21.4 32.2

265 66.7 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023

