

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024377.D
 Acq On : 18 Mar 2023 11:58
 Operator : CG/JU
 Sample : 01880-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230310

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/20/2023
 Supervised By : Jagrut Upadhyay 03/20/2023

Quant Time: Mar 20 01:09:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	10944	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	32909	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	15388	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	31939	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	20091	0.400	ng	0.00
35) Perylene-d12	24.103	264	14280	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3438	0.142	ng	0.00
5) Phenol-d6	7.188	99	2793	0.090	ng	0.00
8) Nitrobenzene-d5	9.201	82	7860m	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	12639	0.312	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1980	0.252	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	21040	0.362	ng	0.00
27) Fluoranthene-d10	19.442	212	24605	0.363	ng	0.00
31) Terphenyl-d14	20.034	244	12778	0.377	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	70253	5.900	ng	96
34) Bis(2-ethylhexyl)phtha...	21.502	149	3101	0.098	ng	96

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

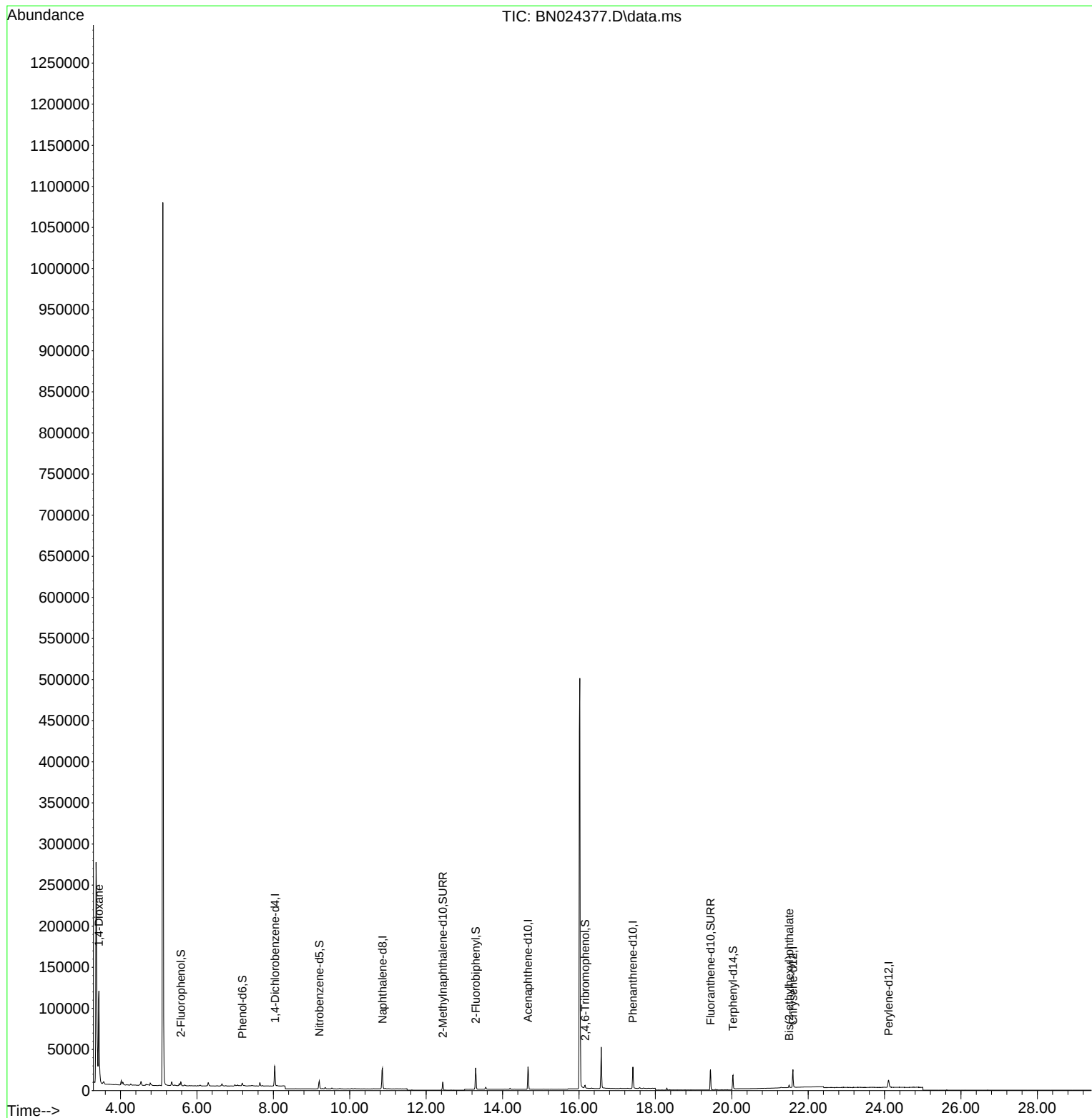
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
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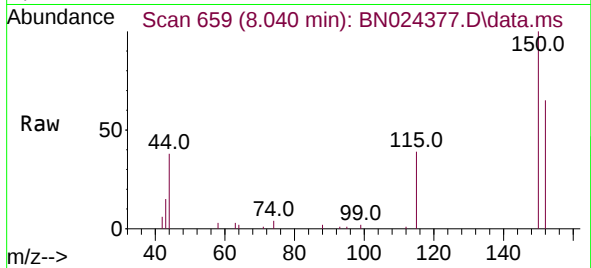
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

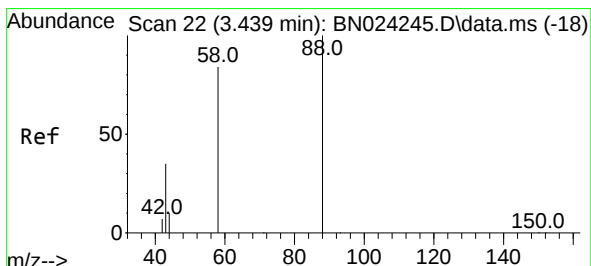
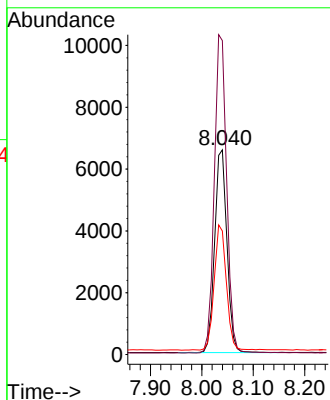
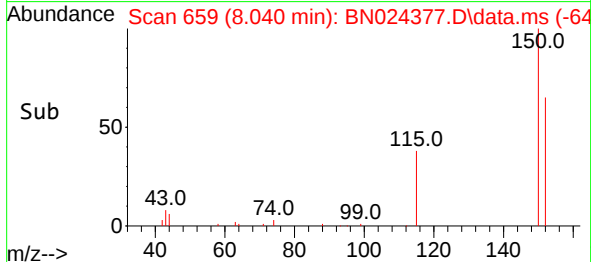
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310



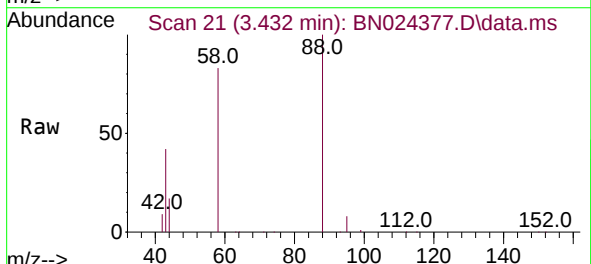
Tgt Ion: 152 Resp: 10944
Ion Ratio Lower Upper
152 100
150 153.3 124.7 187.1
115 60.3 49.1 73.7

Manual Integrations
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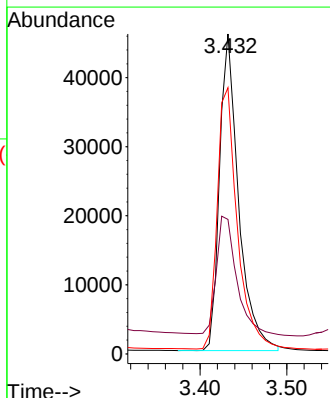
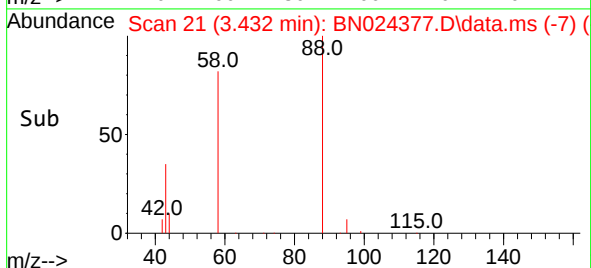
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#2
1,4-Dioxane
Concen: 5.900 ng
RT: 3.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58



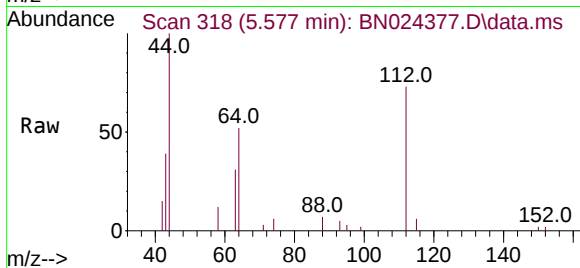
Tgt Ion: 88 Resp: 70253
Ion Ratio Lower Upper
88 100
43 39.6 29.0 43.4
58 86.9 67.3 100.9





#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

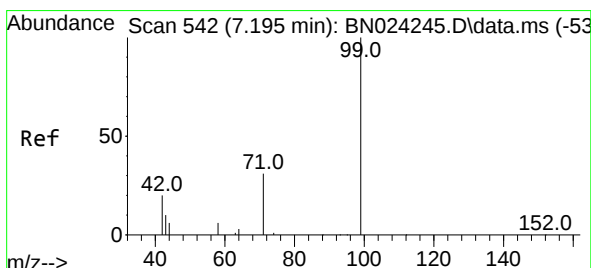
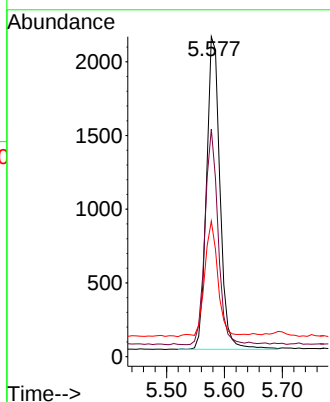
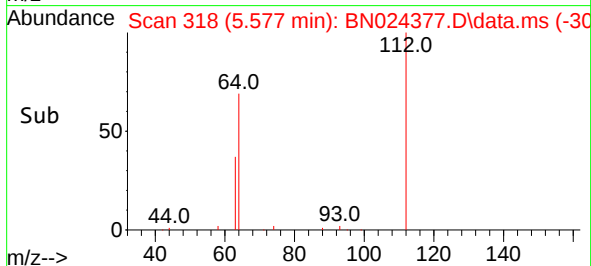
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310



Tgt Ion: 112 Resp: 3438
Ion Ratio Lower Upper
112 100
64 66.8 49.0 73.6
63 36.2 25.7 38.5

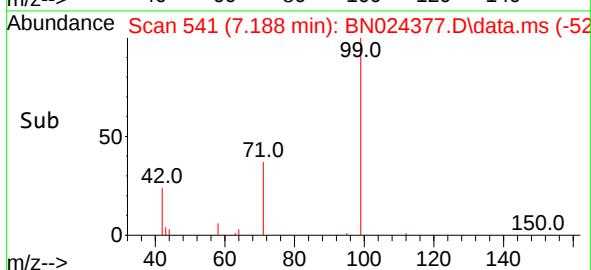
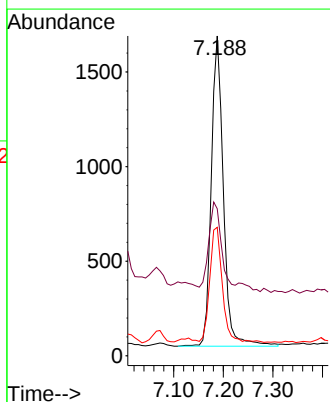
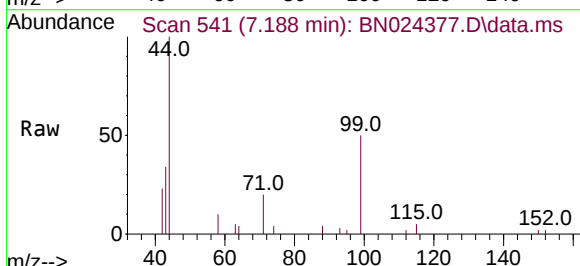
Manual Integrations
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Reviewed By : Christian Giraldo 03/20/2023
Supervised By : Jagrut Upadhyay 03/20/2023



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

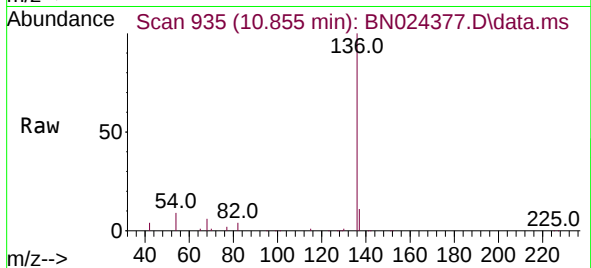
Tgt Ion: 99 Resp: 2793
Ion Ratio Lower Upper
99 100
42 26.9 20.1 30.1
71 38.3 25.8 38.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

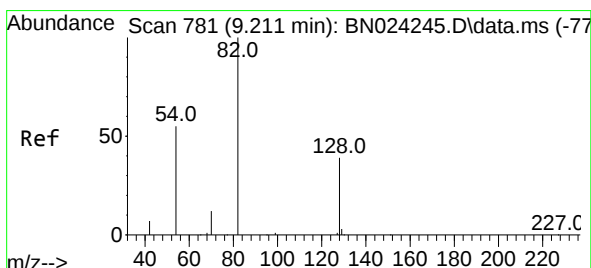
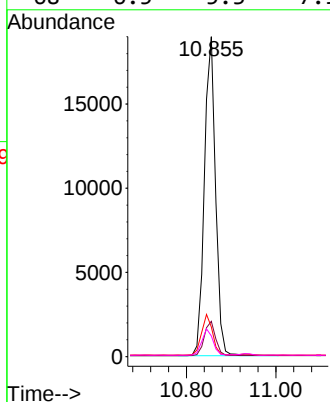
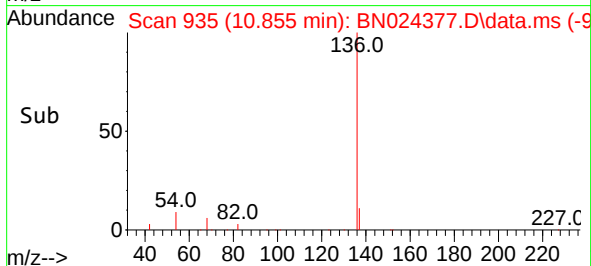
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310



Tgt Ion:136 Resp: 32909
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.3 7.1 10.7
68 6.5 5.3 7.9

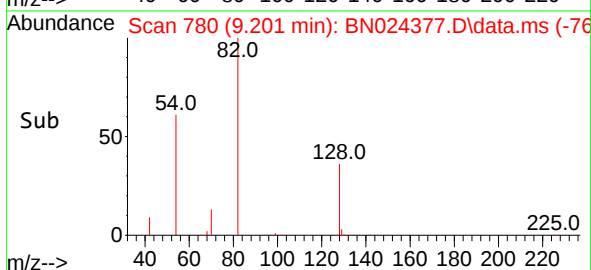
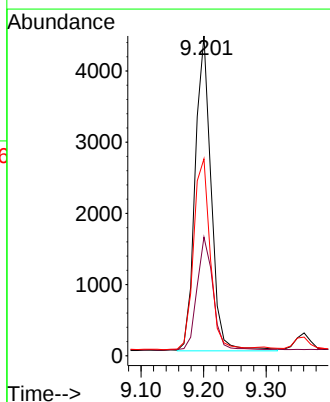
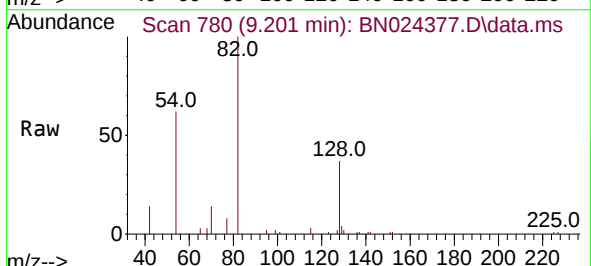
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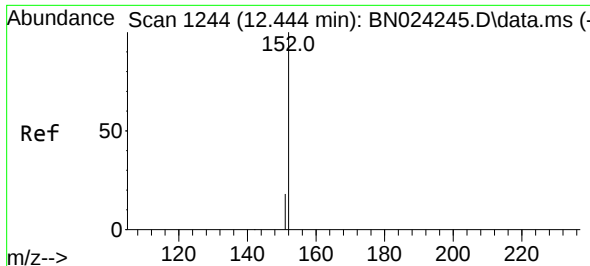
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#8
Nitrobenzene-d5
Concen: 0.357 ng m
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

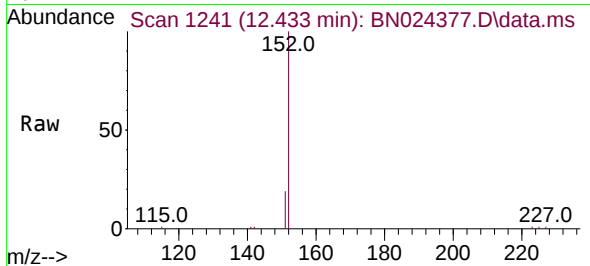
Tgt Ion: 82 Resp: 7860
Ion Ratio Lower Upper
82 100
128 37.1 32.4 48.6
54 61.6 45.2 67.8





#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.433 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

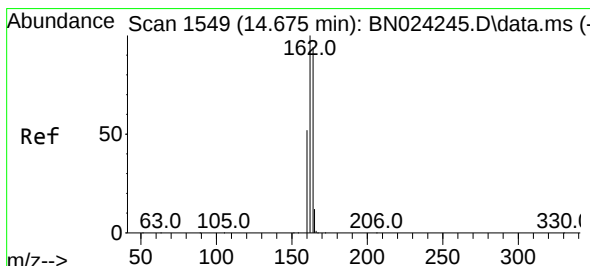
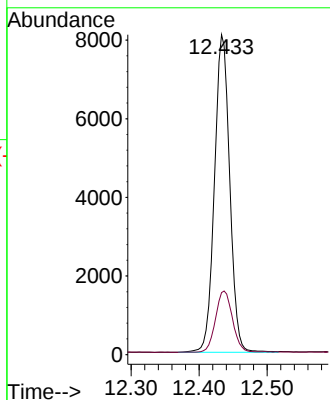
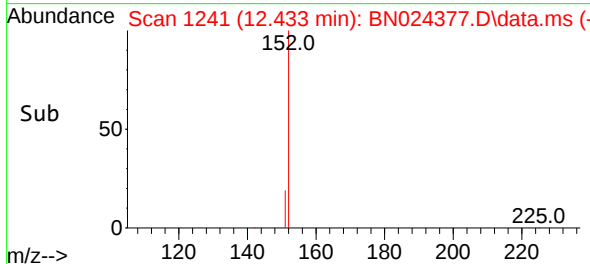
Instrument :
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RE125D1-20230310



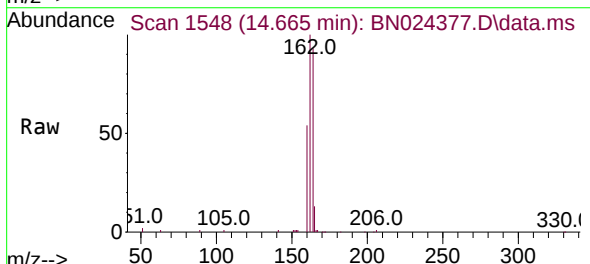
Tgt Ion:152 Resp: 12639
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2

Manual Integrations
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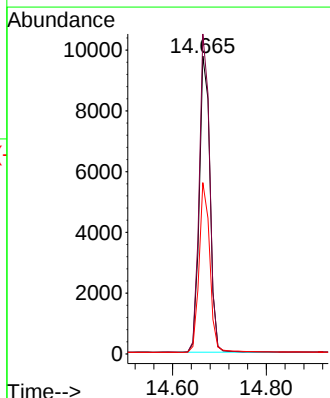
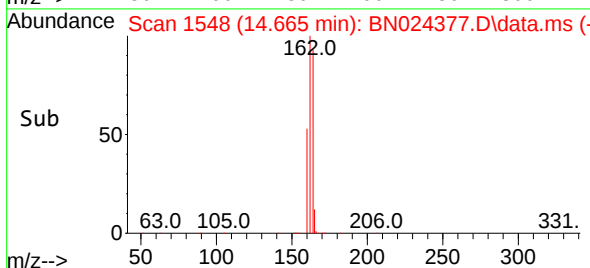
Reviewed By :Christian Giraldo 03/20/2023
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58



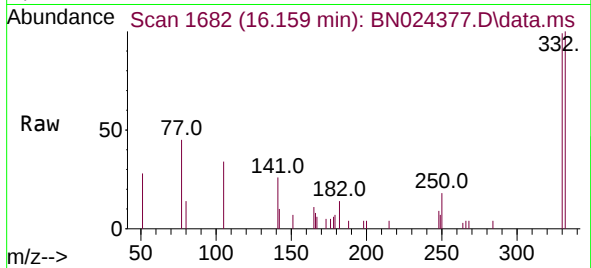
Tgt Ion:164 Resp: 15388
Ion Ratio Lower Upper
164 100
162 107.4 84.7 127.1
160 57.5 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

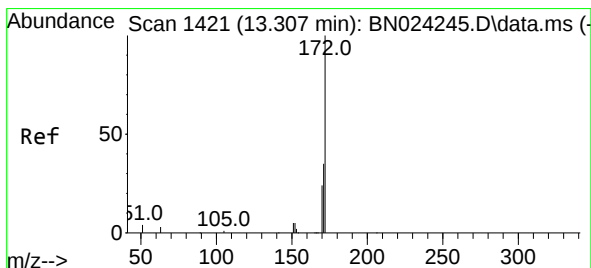
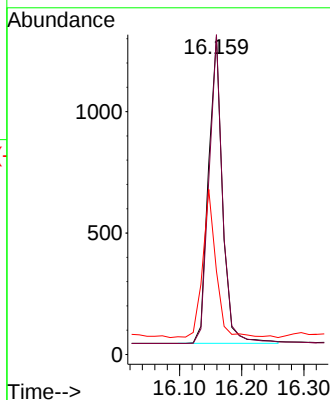
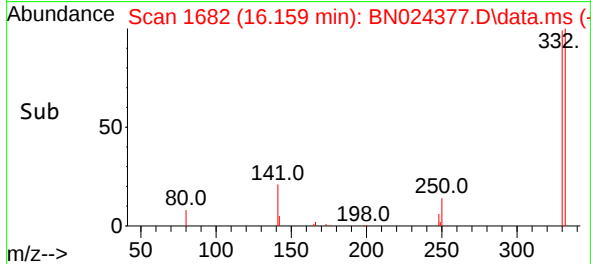
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BNA_N
ClientSampleId :
RE125D1-20230310



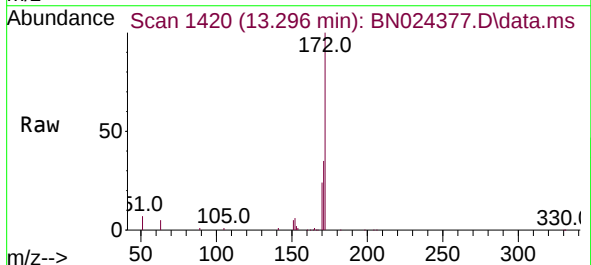
Tgt Ion: 330 Resp: 1980
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 46.2 30.8 46.2

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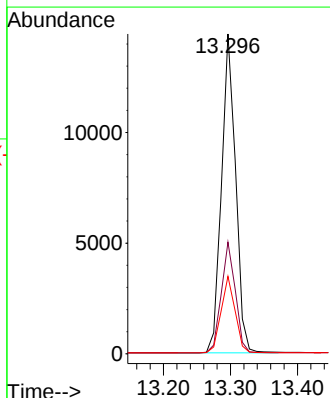
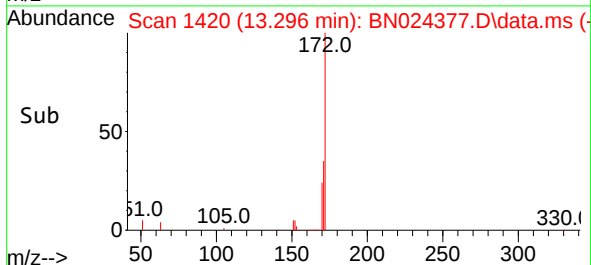
Reviewed By : Christian Giraldo 03/20/2023
Supervised By : Jagrut Upadhyay 03/20/2023



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58



Tgt Ion: 172 Resp: 21040
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 24.2 19.0 28.6





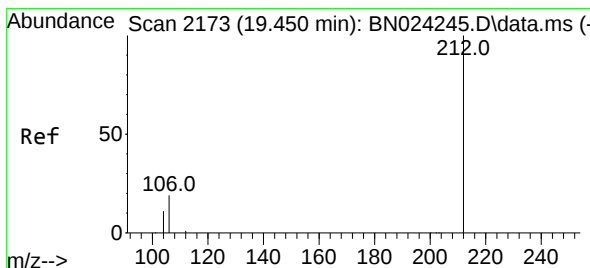
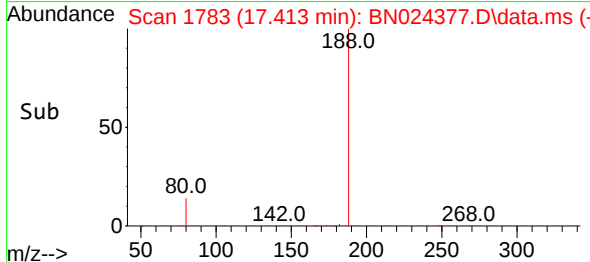
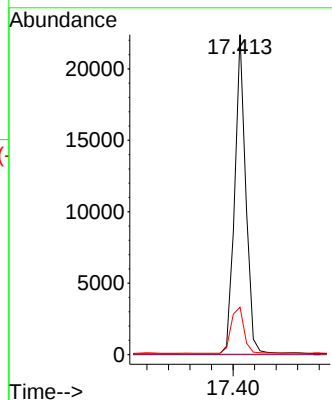
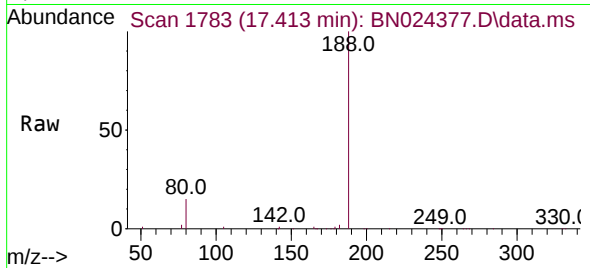
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310

Tgt Ion:188 Resp: 31939
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 8.9 13.3

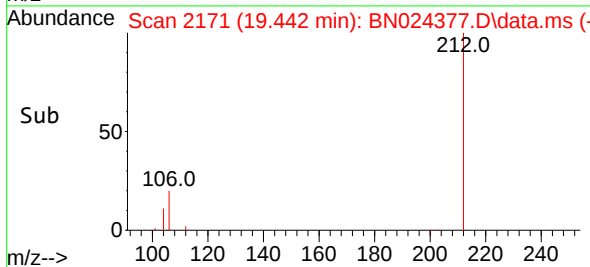
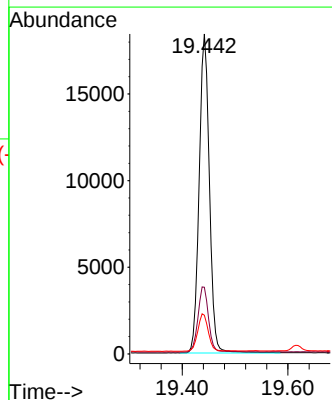
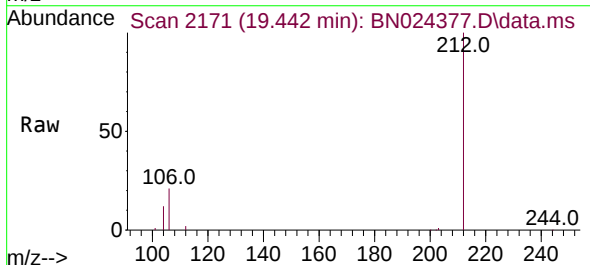
Manual Integrations
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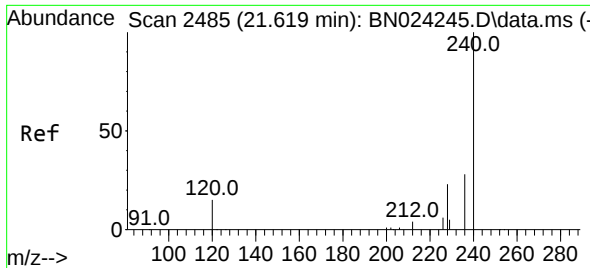
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

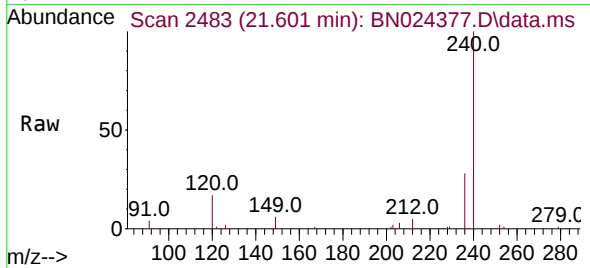
Tgt Ion:212 Resp: 24605
Ion Ratio Lower Upper
212 100
106 21.1 15.4 23.2
104 12.1 8.6 13.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58

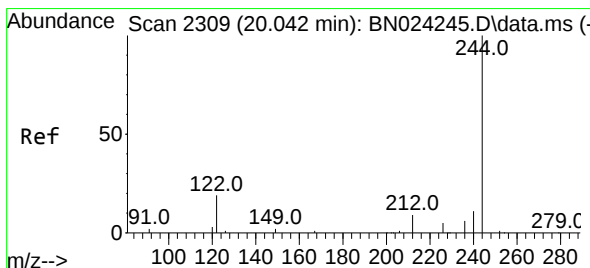
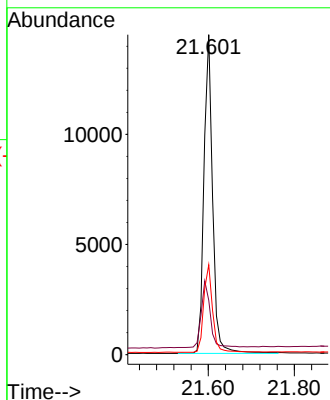
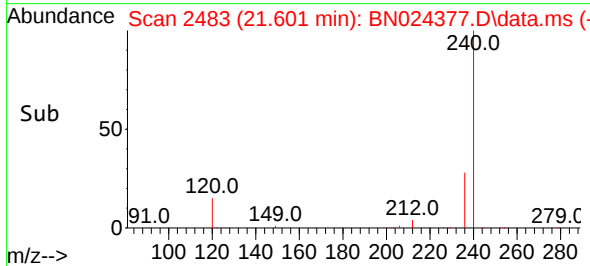
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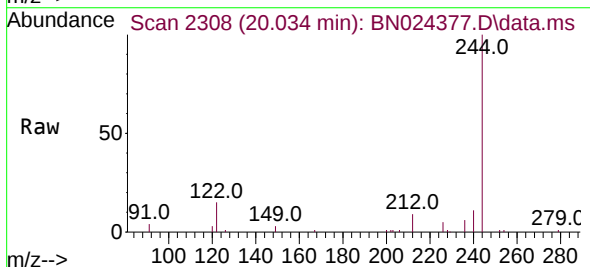
Tgt Ion:240 Resp: 20091
Ion Ratio Lower Upper
240 100
120 17.0 12.8 19.2
236 28.1 22.5 33.7

Manual Integrations
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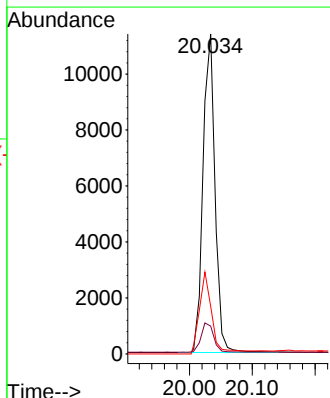
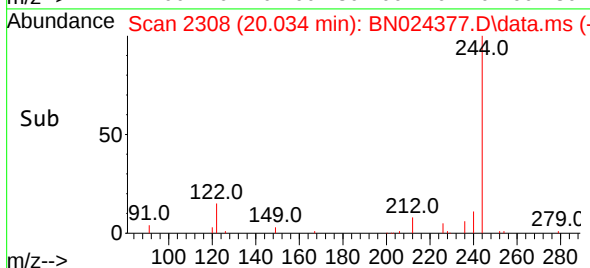
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

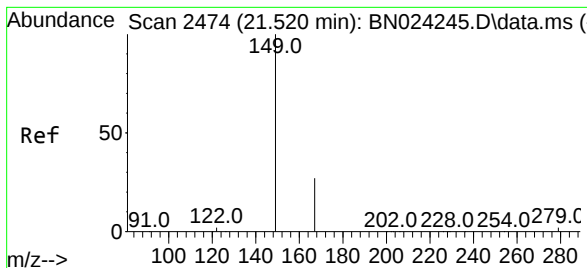


#31
Terphenyl-d14
Concen: 0.377 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024377.D
Acq: 18 Mar 2023 11:58



Tgt Ion:244 Resp: 12778
Ion Ratio Lower Upper
244 100
212 8.7 7.6 11.4
122 14.9 15.1 22.7#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.502 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN024377.D

Acq: 18 Mar 2023 11:58

Instrument :

BNA_N

ClientSampleId :

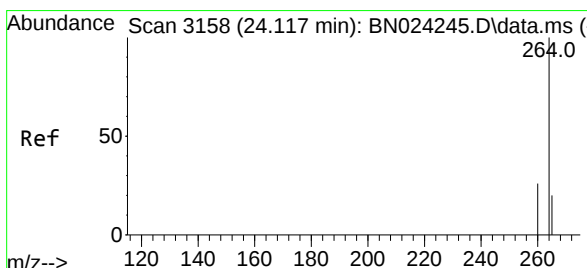
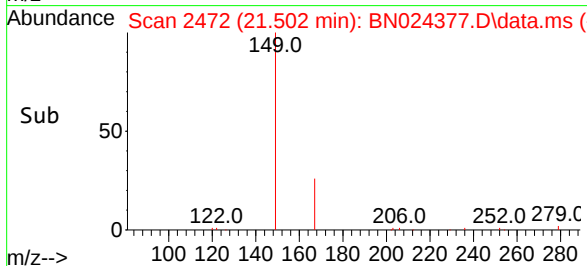
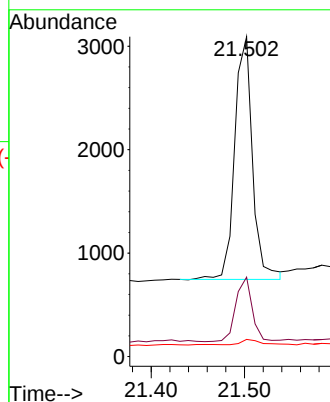
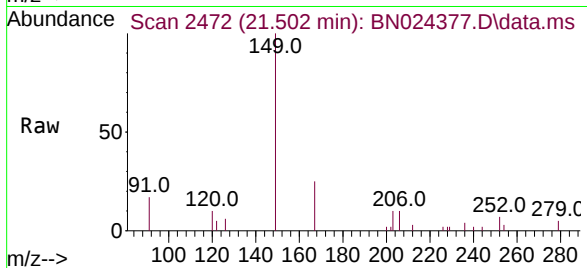
RE125D1-20230310

Tgt Ion:	149	Resp:	310
Ion Ratio	Lower	Upper	
149	100		
167	24.4	21.2	31.8
279	2.5	1.8	2.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023
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#35

Perylene-d12

Concen: 0.400 ng

RT: 24.103 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BN024377.D

Acq: 18 Mar 2023 11:58

Tgt Ion:	264	Resp:	14280
Ion Ratio	Lower	Upper	
264	100		
260	28.0	21.4	32.2
265	59.2	35.7	53.5

