

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021691.D
 Acq On : 10 Sep 2022 10:21
 Operator : CG/JU
 Sample : N4508-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222-H

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/12/2022
 Supervised By :Jagrut Upadhyay 09/12/2022

Quant Time: Sep 12 01:07:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6286	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	20650	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	16666	0.400	ng	#-0.01
19) Phenanthrene-d10	17.460	188	24352	0.400	ng	-0.01
29) Chrysene-d12	21.646	240	16517	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	12191	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2153	0.175	ng	0.00
5) Phenol-d6	7.209	99	1765	0.113	ng	0.00
8) Nitrobenzene-d5	9.233	82	4845m	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	15780	0.339	ng	0.00
14) 2,4,6-Tribromophenol	16.198	330	2003	0.366	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	15104	0.207	ng	0.00
27) Fluoranthene-d10	19.493	212	20833	0.333	ng	0.00
31) Terphenyl-d14	20.079	244	11028	0.297	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	31978	4.067	ng	# 90
9) Naphthalene	10.941	128	1491	0.024	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.548	149	6311	0.272	ng	99

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

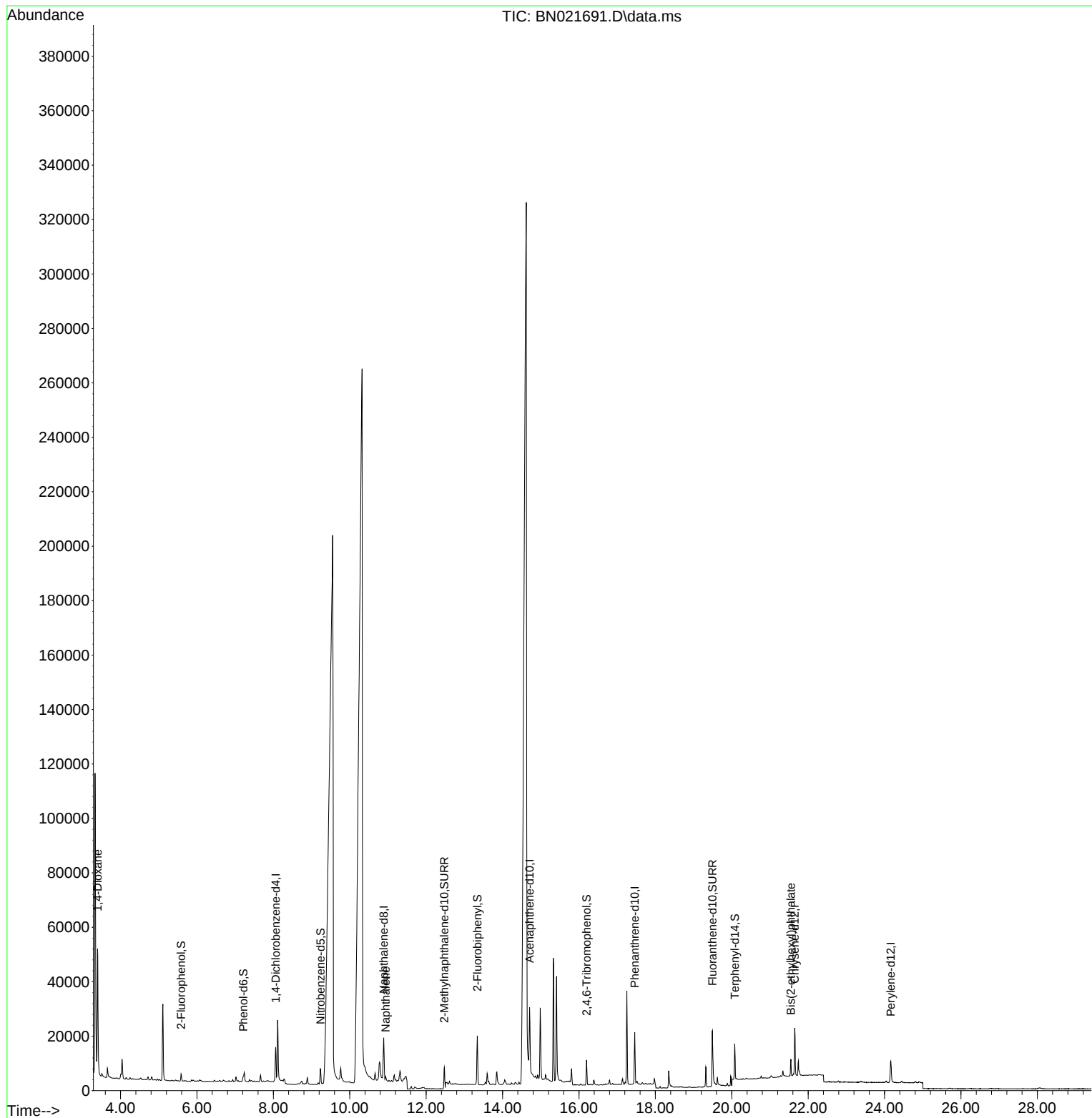
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021691.D
Acq On : 10 Sep 2022 10:21
Operator : CG/JU
Sample : N4508-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

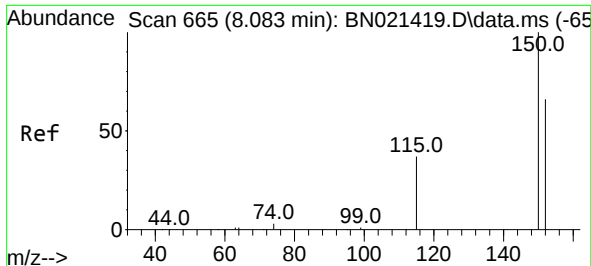
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-H

Quant Time: Sep 12 01:07:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

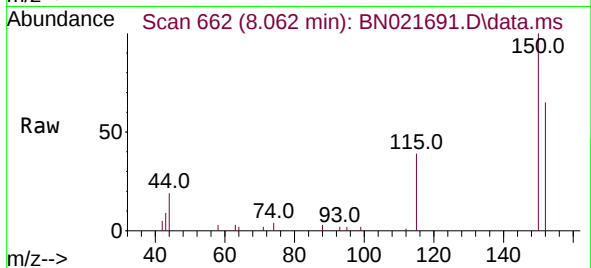
Reviewed By : Christian Giraldo 09/12/2022
Supervised By : Jagrut Upadhyay 09/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

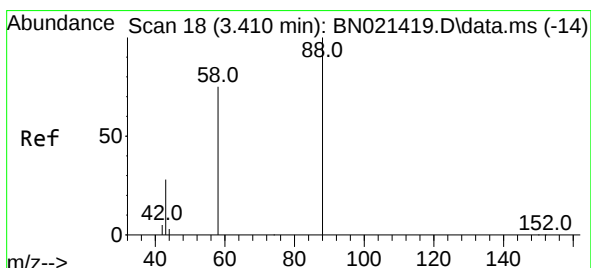
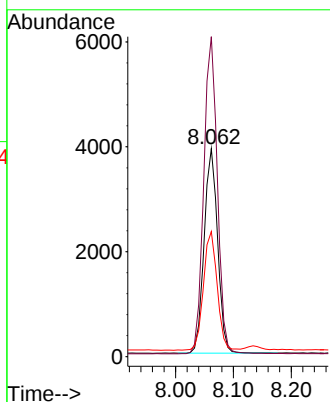
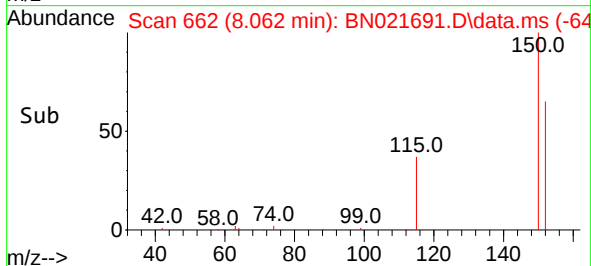
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-H



Tgt Ion: 152 Resp: 6286
Ion Ratio Lower Upper
152 100
150 153.9 121.4 182.0
115 60.1 48.6 72.8

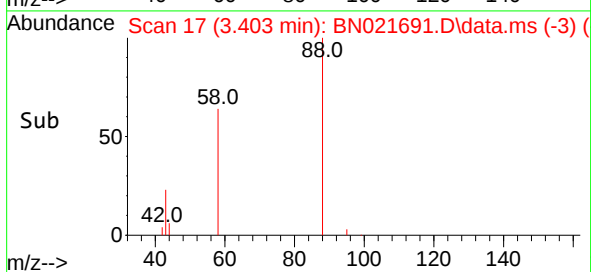
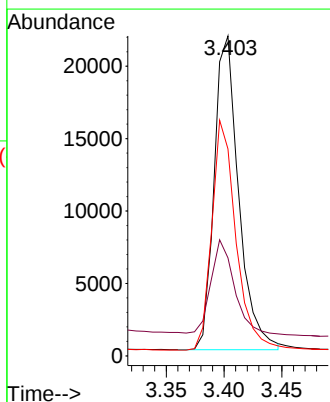
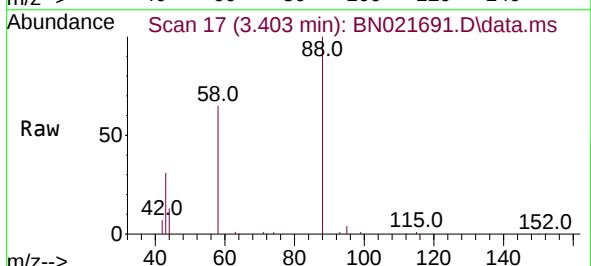
Manual Integrations
APPROVED

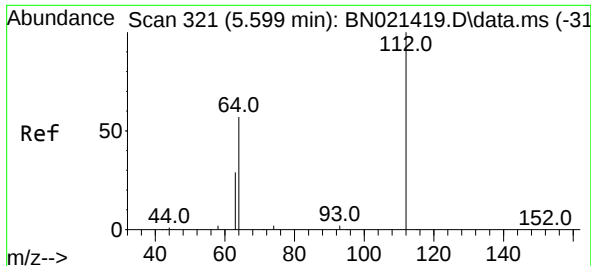
Reviewed By : Christian Giraldo 09/12/2022
Supervised By : Jagrut Upadhyay 09/12/2022



#2
1,4-Dioxane
Concen: 4.067 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

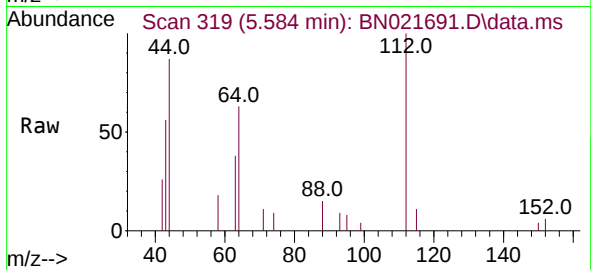
Tgt Ion: 88 Resp: 31978
Ion Ratio Lower Upper
88 100
43 28.5 35.8 53.8
58 71.9 57.1 85.7





#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

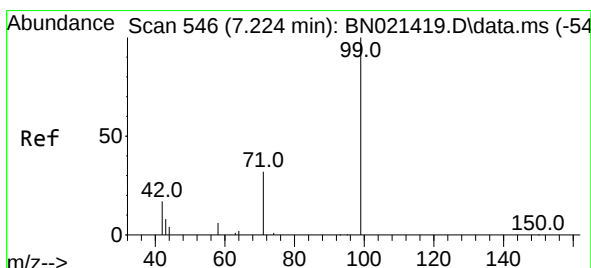
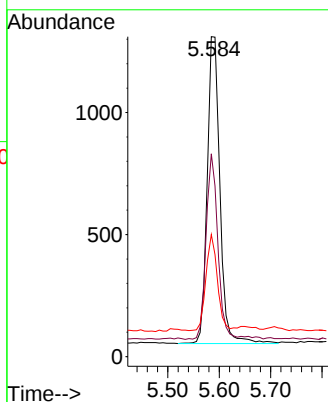
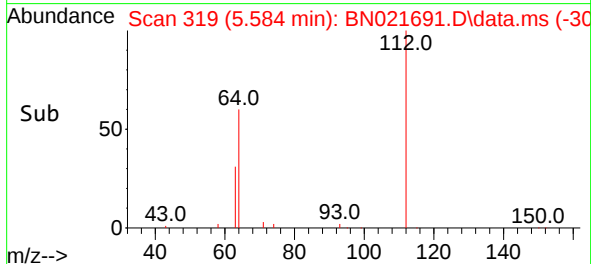
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-H



Tgt Ion: 112 Resp: 215
Ion Ratio Lower Upper
112 100
64 55.7 43.5 65.3
63 28.4 22.6 34.0

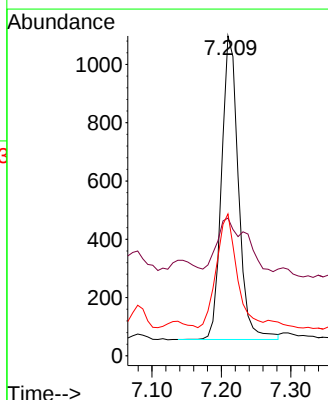
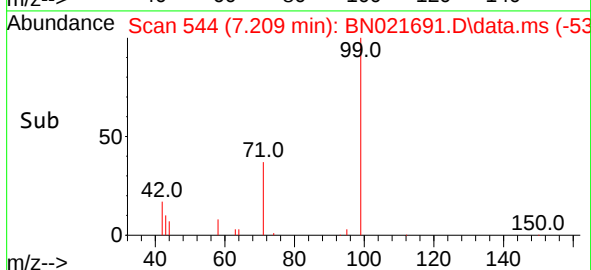
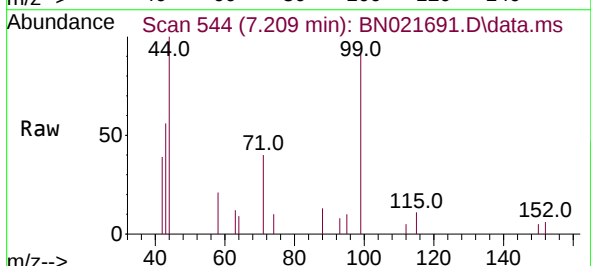
Manual Integrations
APPROVED

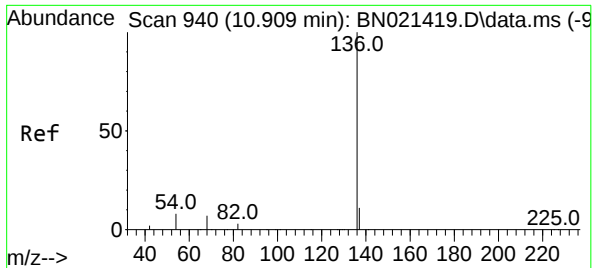
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#5
Phenol-d6
Concen: 0.113 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

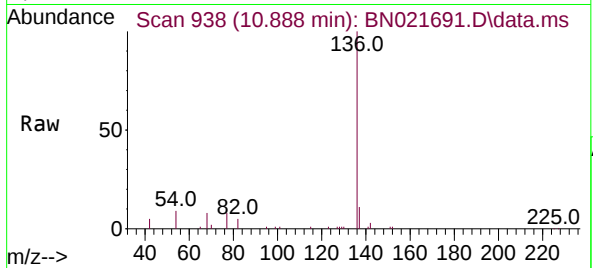
Tgt Ion: 99 Resp: 1765
Ion Ratio Lower Upper
99 100
42 31.8 15.5 23.3#
71 45.0 24.2 36.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

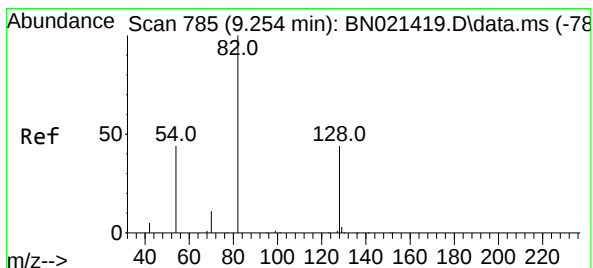
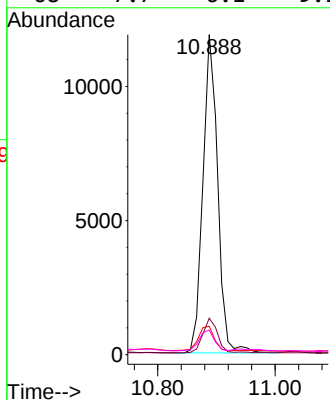
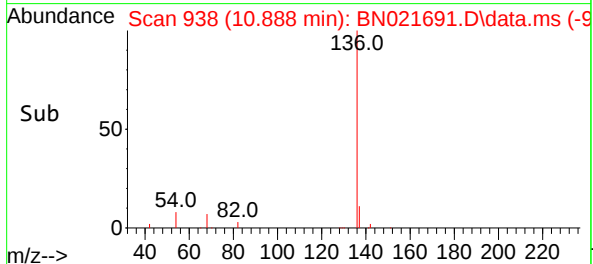
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-H



Tgt Ion:136 Resp: 20650
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 8.9 6.9 10.3
68 7.7 6.1 9.1

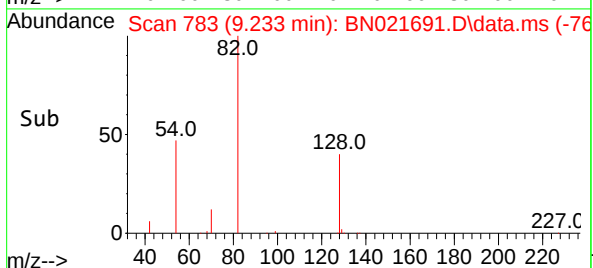
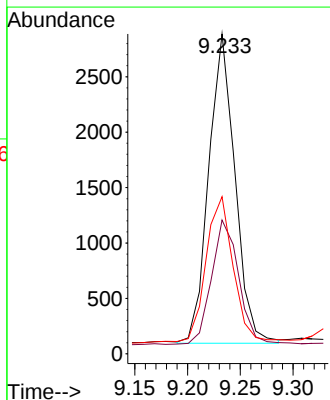
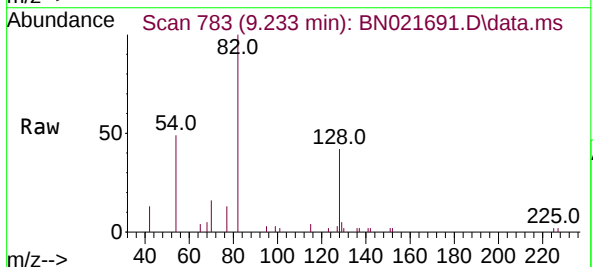
Manual Integrations
APPROVED

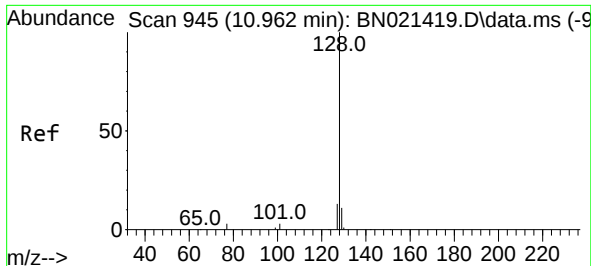
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#8
Nitrobenzene-d5
Concen: 0.347 ng m
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

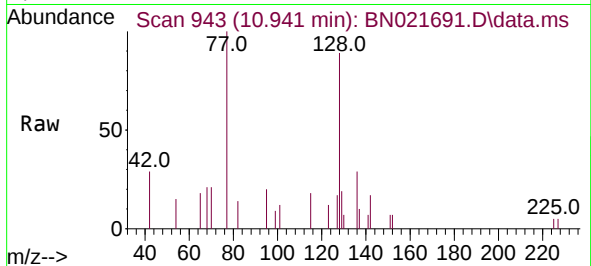
Tgt Ion: 82 Resp: 4845
Ion Ratio Lower Upper
82 100
128 41.8 30.9 46.3
54 49.1 42.7 64.1





#9
Naphthalene
Concen: 0.024 ng
RT: 10.941 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

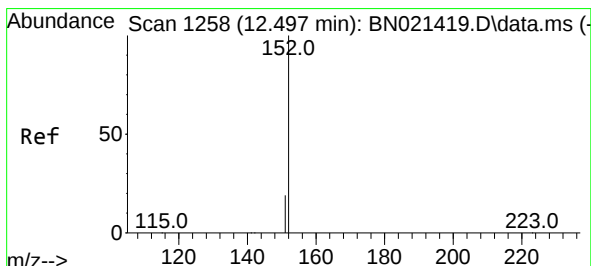
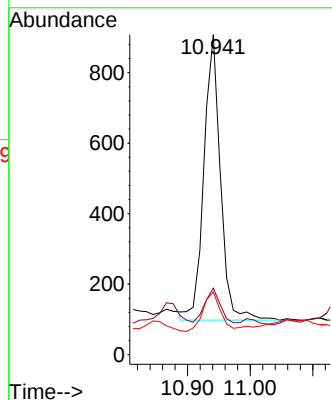
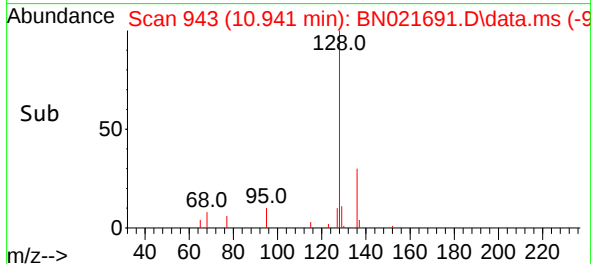
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-H



Tgt Ion:128 Resp: 1491
Ion Ratio Lower Upper
128 100
129 20.8 9.3 13.9
127 19.6 11.0 16.4

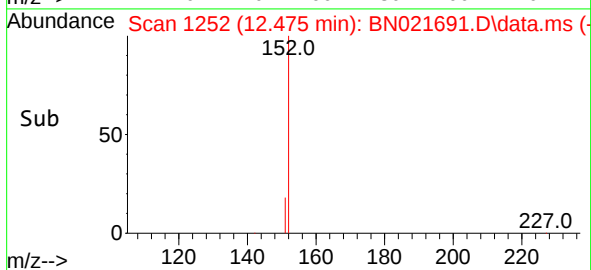
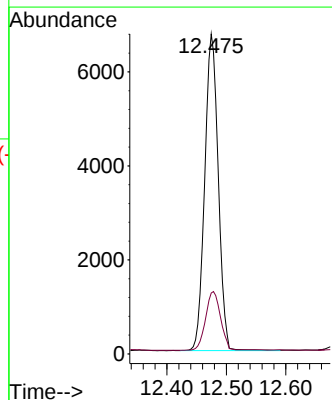
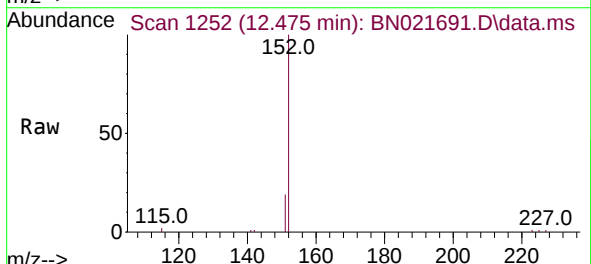
Manual Integrations
APPROVED

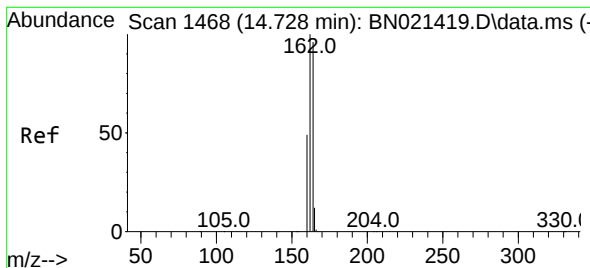
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.475 min Scan# 1252
Delta R.T. -0.004 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

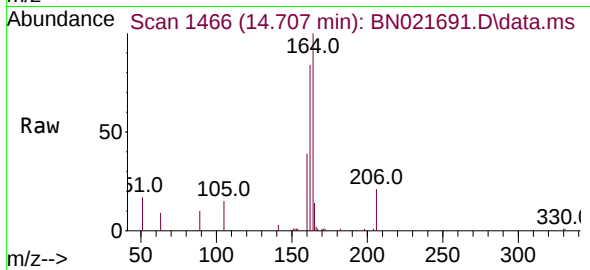
Tgt Ion:152 Resp: 15780
Ion Ratio Lower Upper
152 100
151 19.4 14.5 21.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

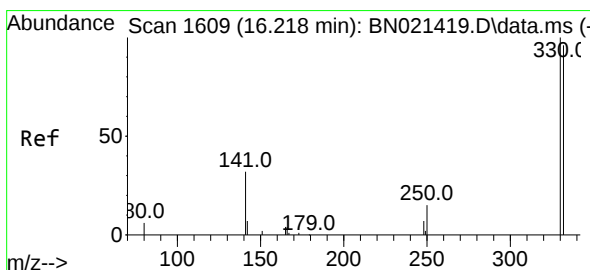
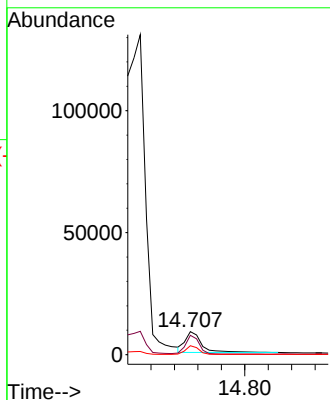
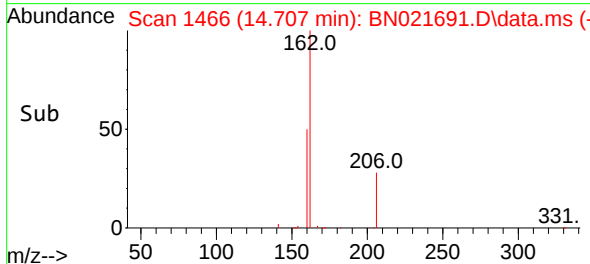
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-H



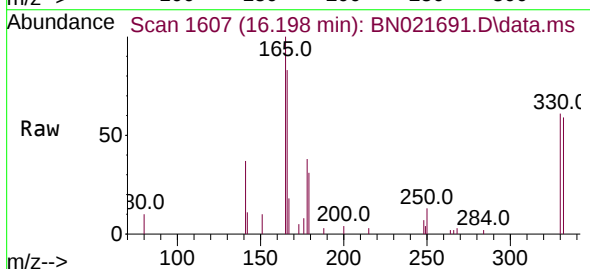
Tgt Ion:164 Resp: 1666
Ion Ratio Lower Upper
164 100
162 84.4 82.2 123.4
160 38.5 39.5 59.3

Manual Integrations
APPROVED

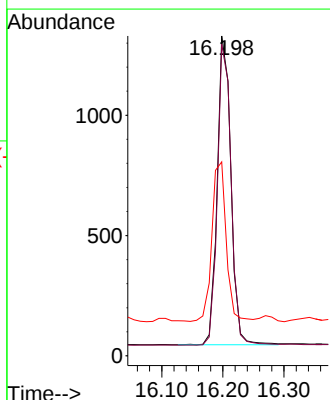
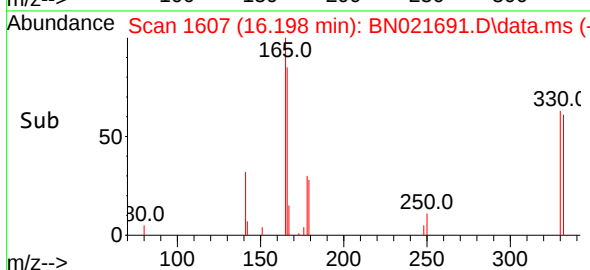
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

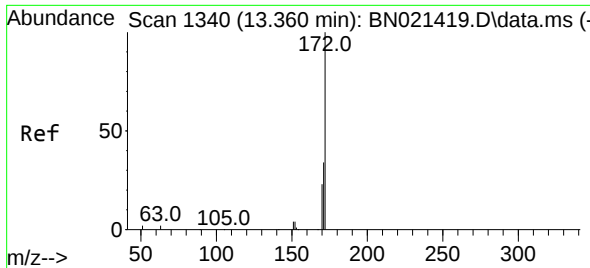


#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 16.198 min Scan# 1607
Delta R.T. -0.010 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21



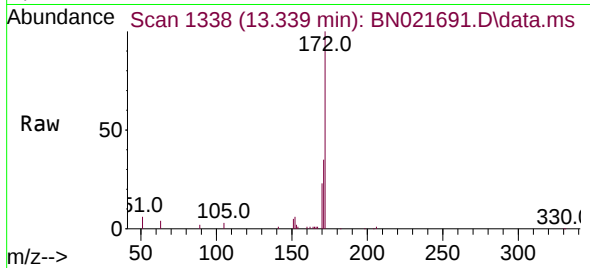
Tgt Ion:330 Resp: 2003
Ion Ratio Lower Upper
330 100
332 97.5 79.3 118.9
141 54.2 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

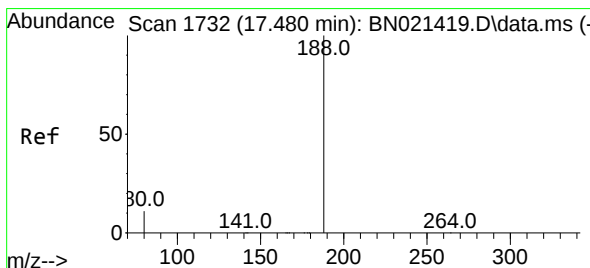
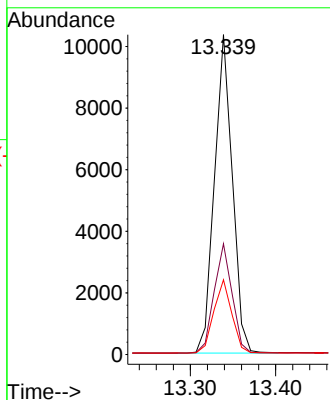
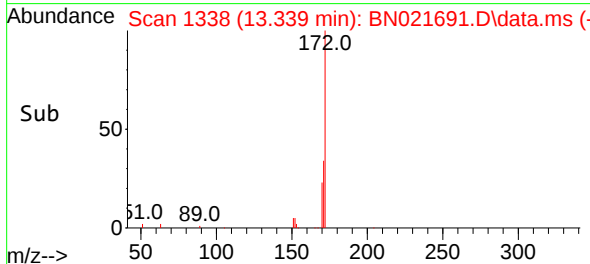
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-H



Tgt Ion:172 Resp: 15104
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 28.0

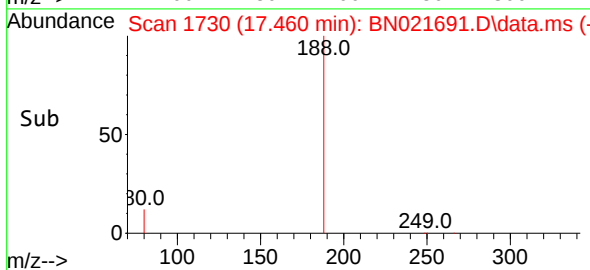
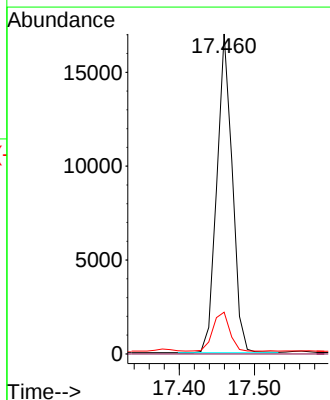
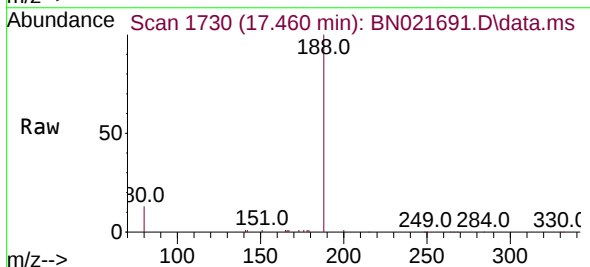
Manual Integrations
APPROVED

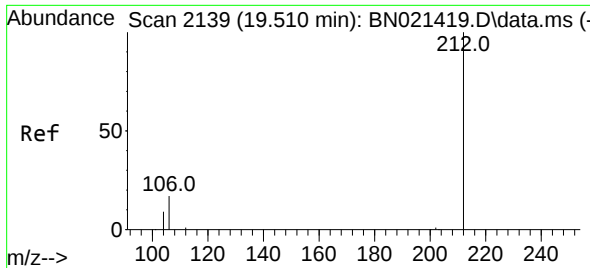
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

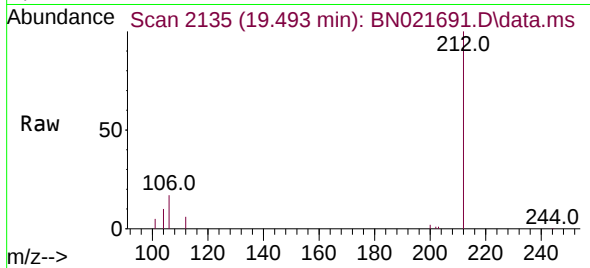
Tgt Ion:188 Resp: 24352
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 9.5 14.3





#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

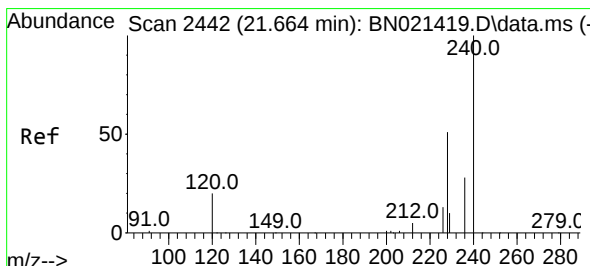
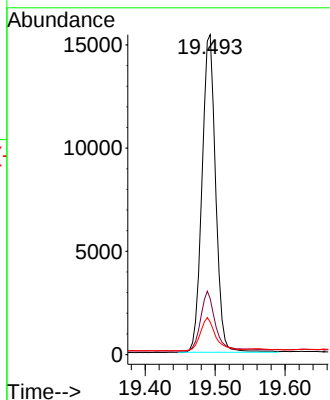
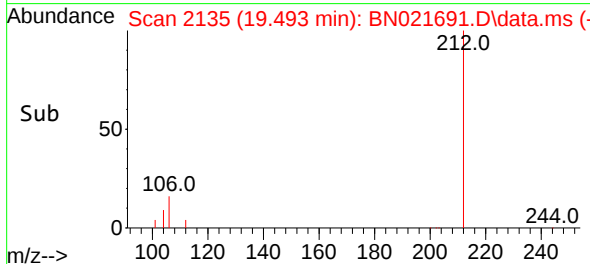
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-H



Tgt Ion:212 Resp: 20833
Ion Ratio Lower Upper
212 100
106 20.3 14.2 21.2
104 11.5 7.8 11.6

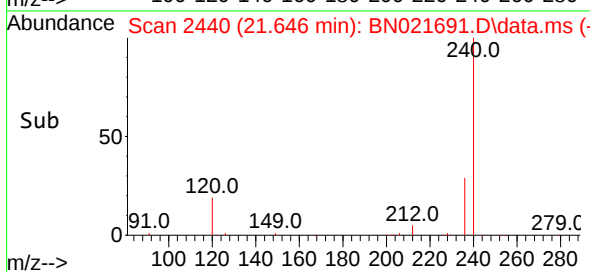
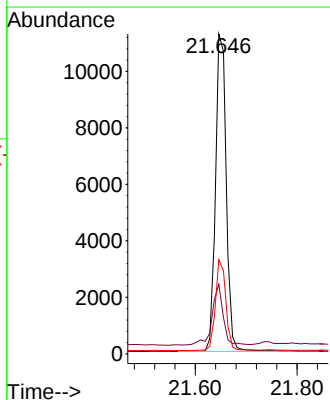
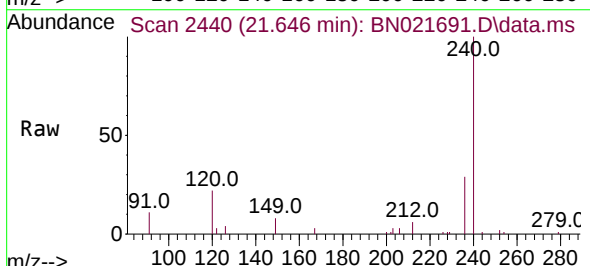
Manual Integrations
APPROVED

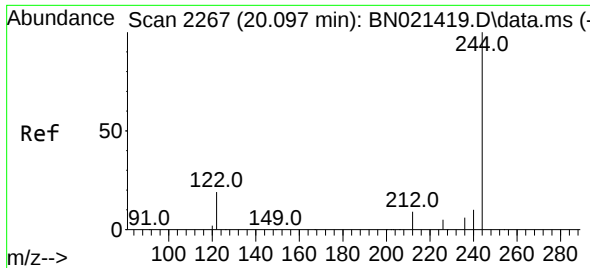
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.646 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

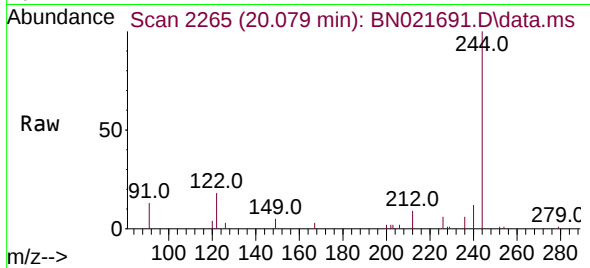
Tgt Ion:240 Resp: 16517
Ion Ratio Lower Upper
240 100
120 21.7 10.2 15.4#
236 29.4 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.297 ng
 RT: 20.079 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN021691.D
 Acq: 10 Sep 2022 10:21

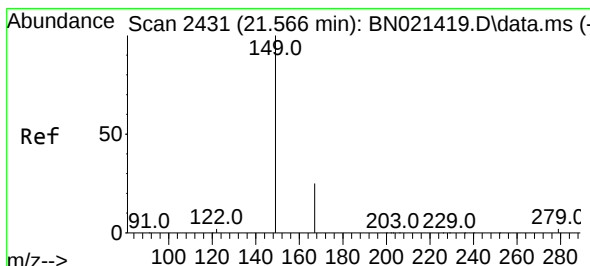
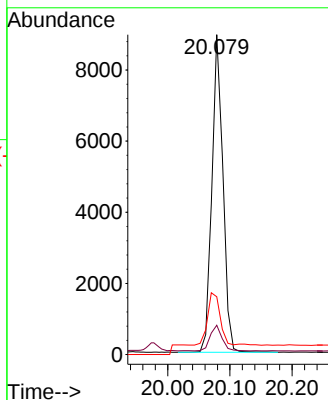
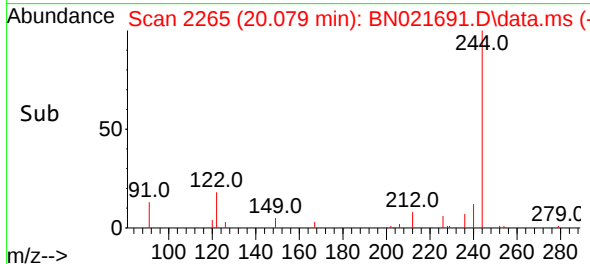
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222-H



Tgt Ion:244 Resp: 11028
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.5 9.7
 122 18.1 9.1 13.7

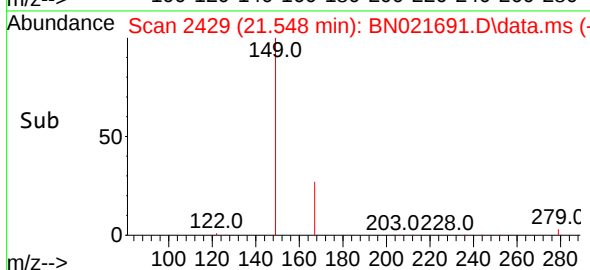
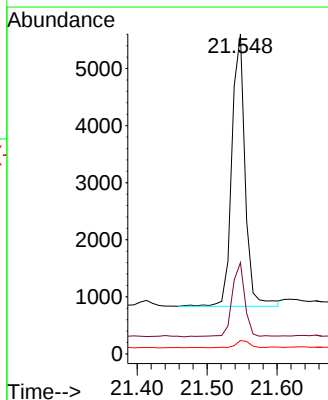
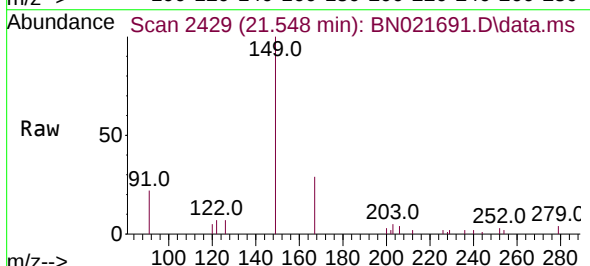
Manual Integrations
 APPROVED

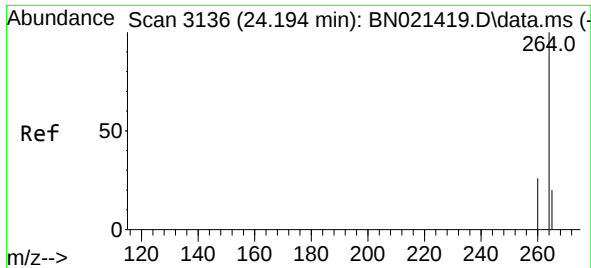
Reviewed By :Christian Giraldo 09/12/2022
 Supervised By :Jagrut Upadhyay 09/12/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.272 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN021691.D
 Acq: 10 Sep 2022 10:21

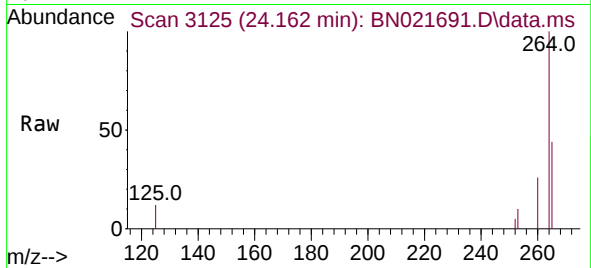
Tgt Ion:149 Resp: 6311
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.0
 279 2.8 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN021691.D
 Acq: 10 Sep 2022 10:21

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222-H



Tgt Ion: 264 Resp: 1219

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	44.3	32.2	48.2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/12/2022
 Supervised By : Jagrut Upadhyay 09/12/2022

