

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021444.D
 Acq On : 30 Aug 2022 06:07
 Operator : CG/JU
 Sample : N4281-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20220818

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/30/2022
 Supervised By : Jagrut Upadhyay 08/30/2022

Quant Time: Aug 30 06:37:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4538	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14200	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7398	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	15241	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11054	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	8061	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1147	0.129	ng	0.00
5) Phenol-d6	7.224	99	791	0.070	ng	0.00
8) Nitrobenzene-d5	9.254	82	2815m	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	10636	0.332	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	612	0.252	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	10638	0.329	ng	0.00
27) Fluoranthene-d10	19.506	212	15591	0.398	ng	0.00
31) Terphenyl-d14	20.097	244	11361	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	20477	3.608	ng	93
6) bis(2-Chloroethyl)ether	7.491	93	350	0.025	ng	94
34) Bis(2-ethylhexyl)phtha...	21.566	149	1081	0.070	ng	# 95

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

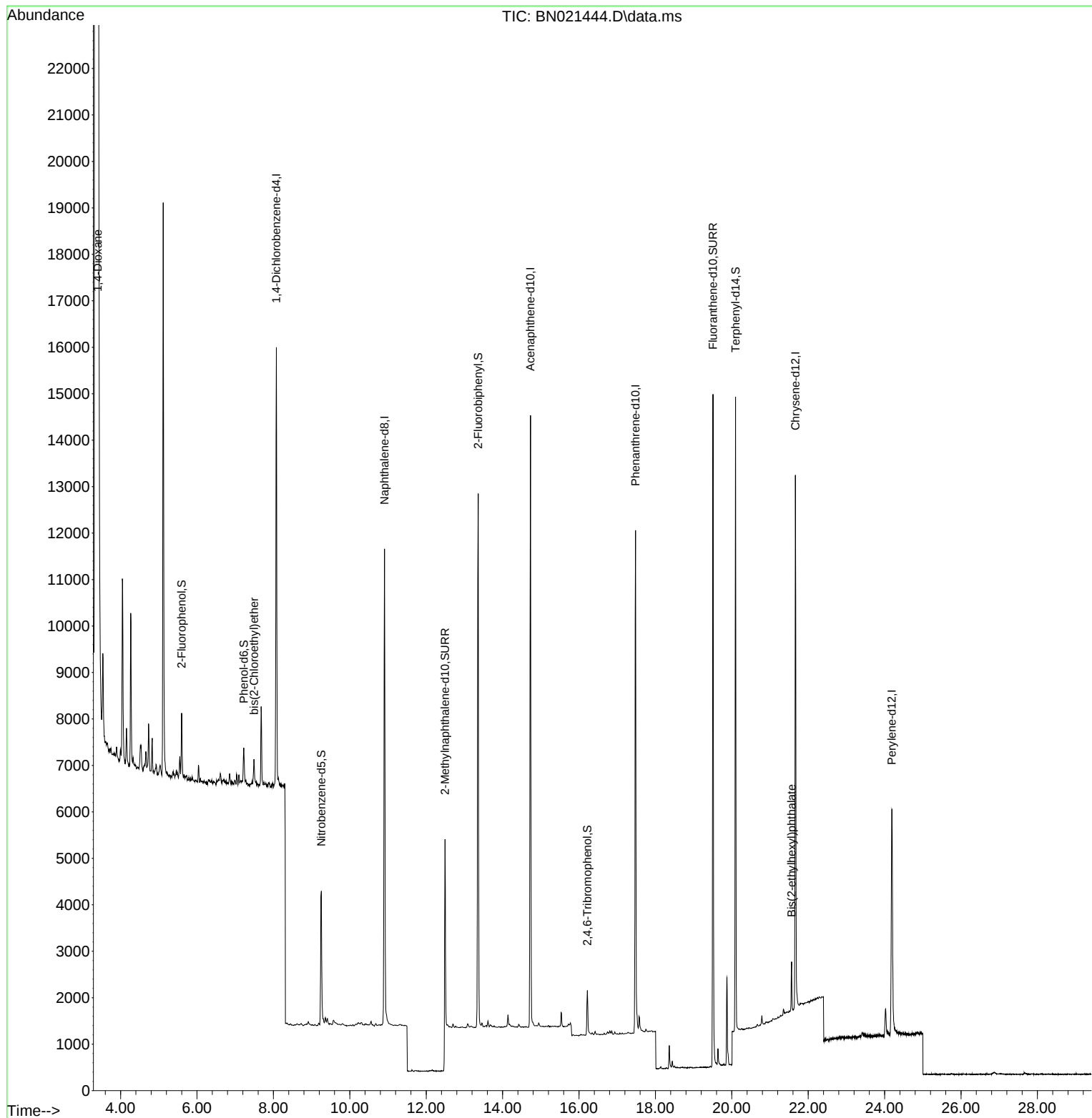
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021444.D
Acq On : 30 Aug 2022 06:07
Operator : CG/JU
Sample : N4281-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D2-20220818

Quant Time: Aug 30 06:37:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

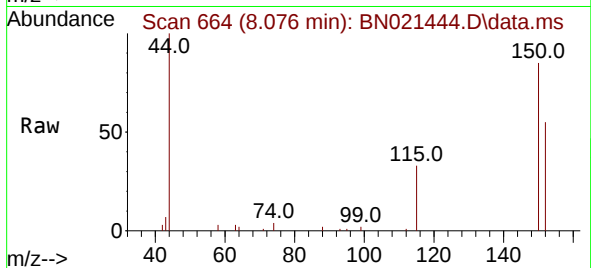
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021444.D
 Acq: 30 Aug 2022 06:07

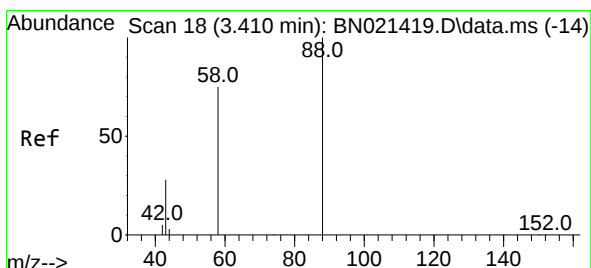
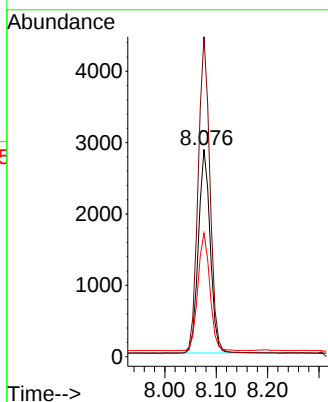
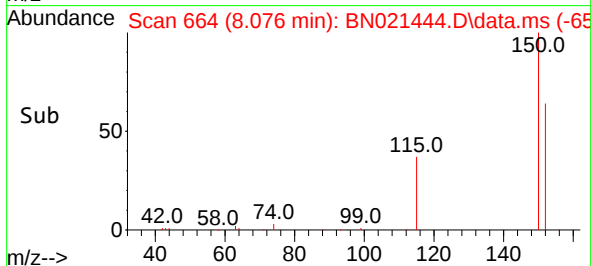
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20220818



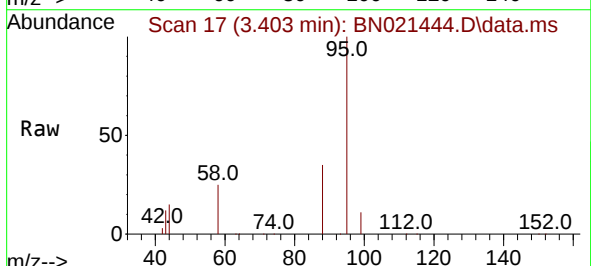
Tgt Ion:152 Resp: 4538
 Ion Ratio Lower Upper
 152 100
 150 154.4 121.4 182.0
 115 59.6 48.6 72.8

Manual Integrations
 APPROVED

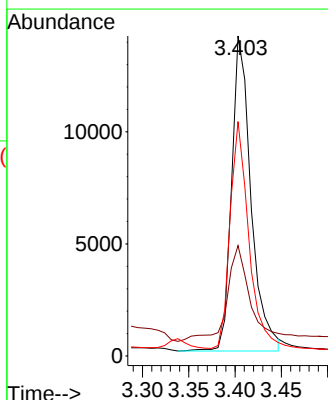
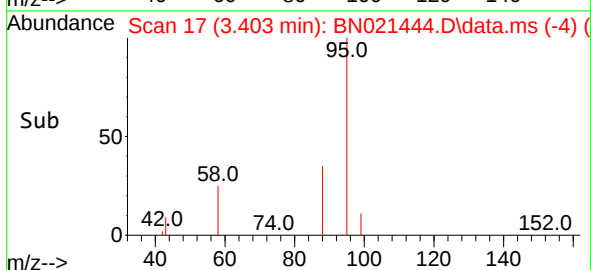
Reviewed By :Christian Giraldo 08/30/2022
 Supervised By :Jagrut Upadhyay 08/30/2022



#2
 1,4-Dioxane
 Concen: 3.608 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021444.D
 Acq: 30 Aug 2022 06:07



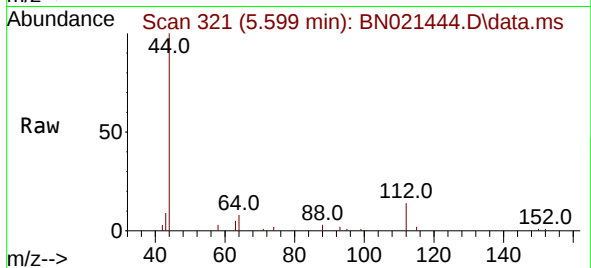
Tgt Ion: 88 Resp: 20477
 Ion Ratio Lower Upper
 88 100
 43 36.0 35.8 53.8
 58 68.9 57.1 85.7





#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.599 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

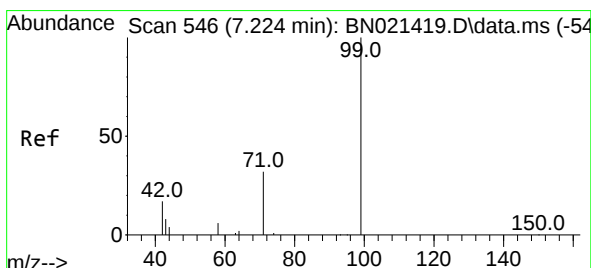
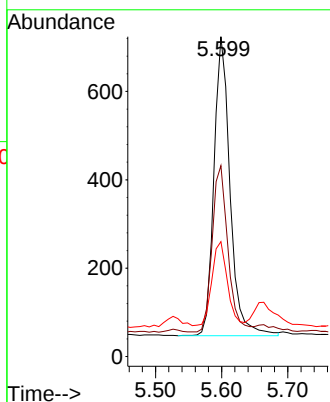
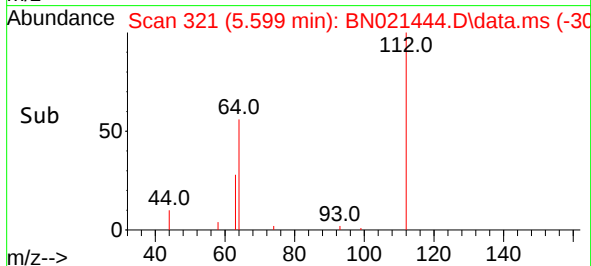
Instrument :
BNA_N
ClientSampleId :
RE122D2-20220818



Tgt Ion: 112 Resp: 114
Ion Ratio Lower Upper
112 100
64 54.1 43.5 65.3
63 27.0 22.6 34.0

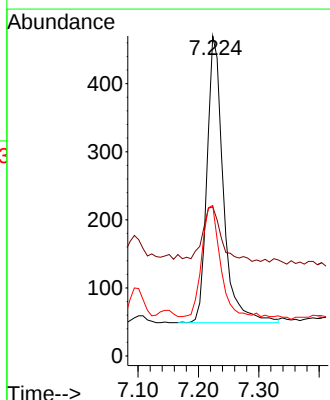
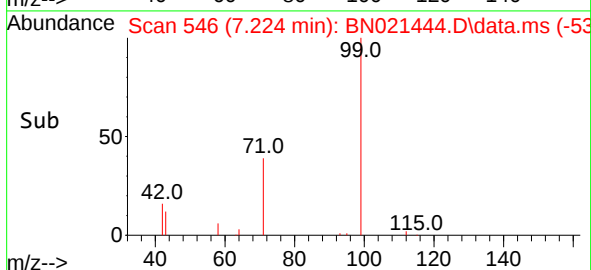
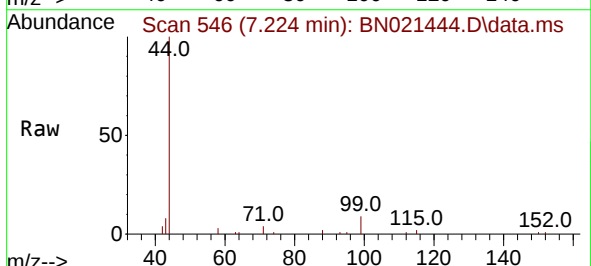
Manual Integrations
APPROVED

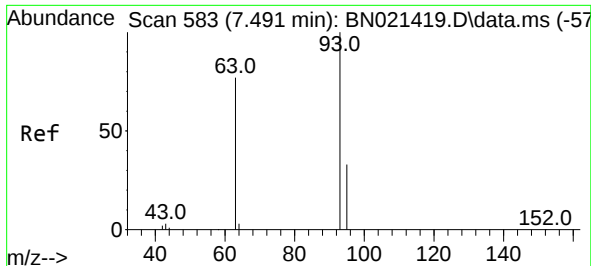
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#5
Phenol-d6
Concen: 0.070 ng
RT: 7.224 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

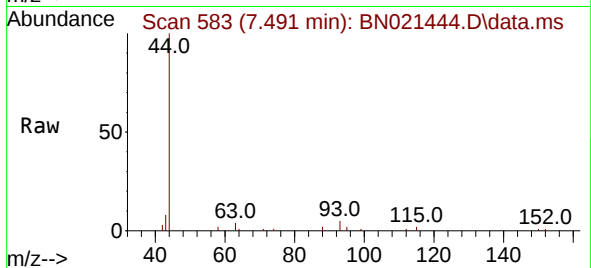
Tgt Ion: 99 Resp: 791
Ion Ratio Lower Upper
99 100
42 21.4 15.5 23.3
71 45.1 24.2 36.2#





#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.491 min Scan# 583
Delta R.T. -0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

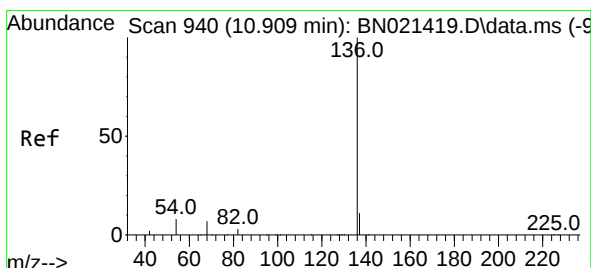
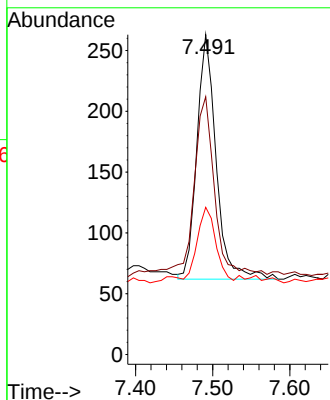
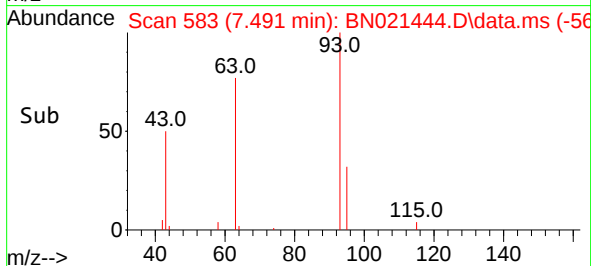
Instrument :
BNA_N
ClientSampleId :
RE122D2-20220818



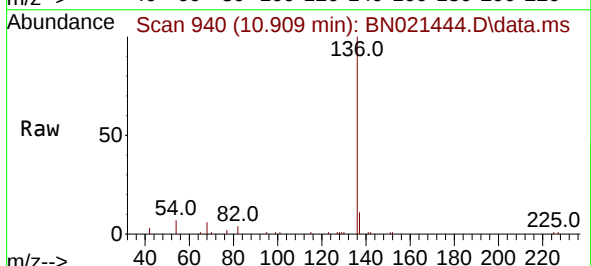
Tgt Ion: 93 Resp: 350
Ion Ratio Lower Upper
93 100
63 76.6 57.8 86.8
95 28.3 25.9 38.9

Manual Integrations
APPROVED

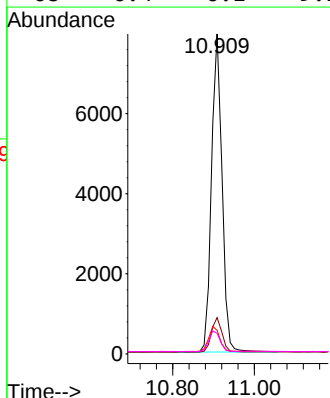
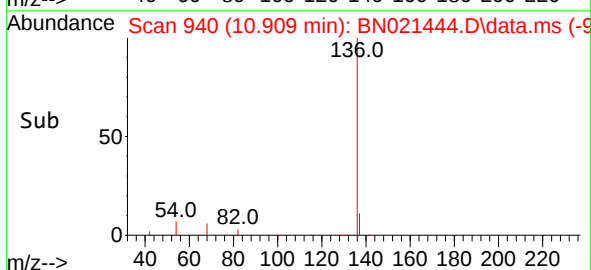
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

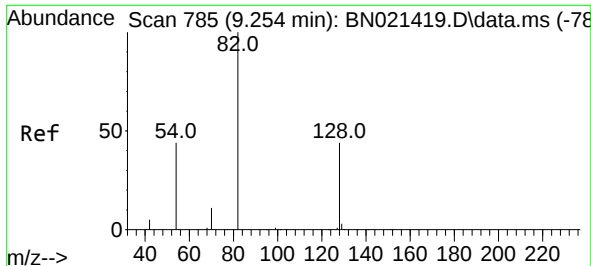


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07



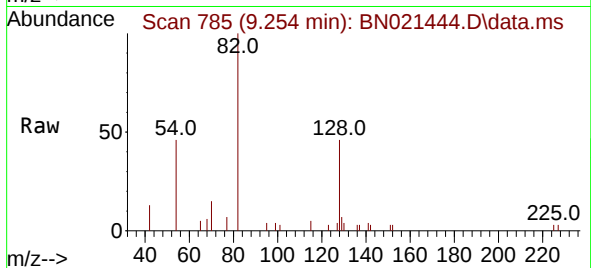
Tgt Ion:136 Resp: 14200
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 7.4 6.9 10.3
68 6.4 6.1 9.1





#8
Nitrobenzene-d5
Concen: 0.294 ng m
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

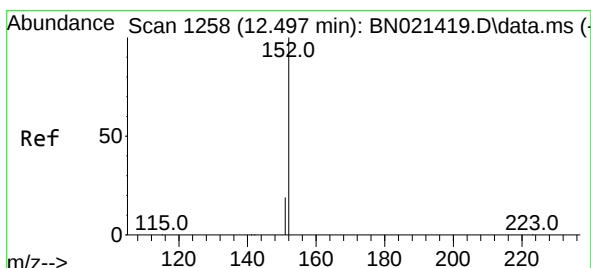
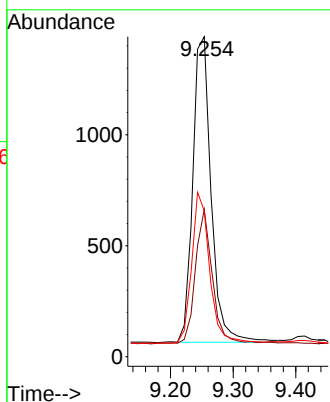
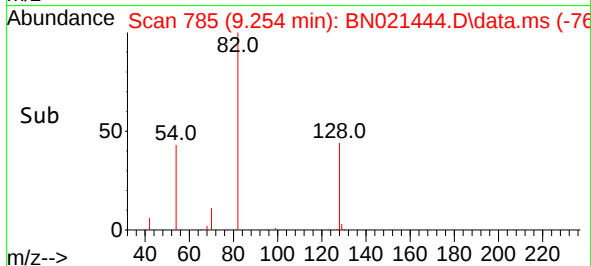
Instrument :
BNA_N
ClientSampleId :
RE122D2-20220818



Tgt Ion: 82 Resp: 281
Ion Ratio Lower Upper
82 100
128 46.0 30.9 46.3
54 45.6 42.7 64.1

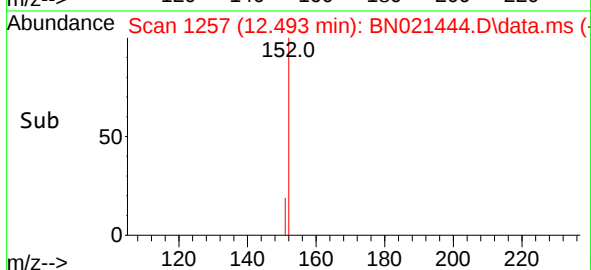
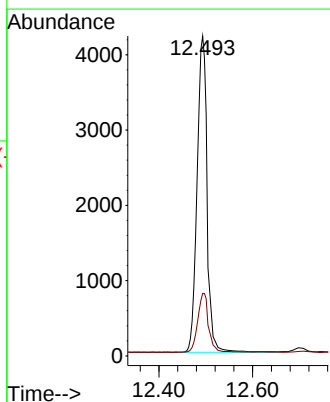
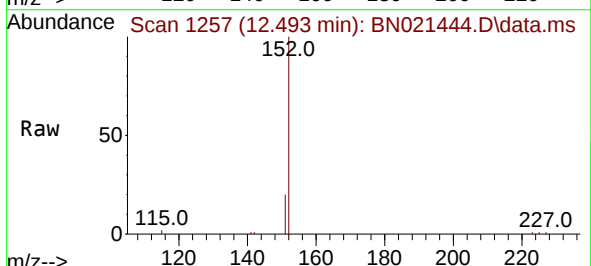
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.493 min Scan# 1257
Delta R.T. -0.004 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

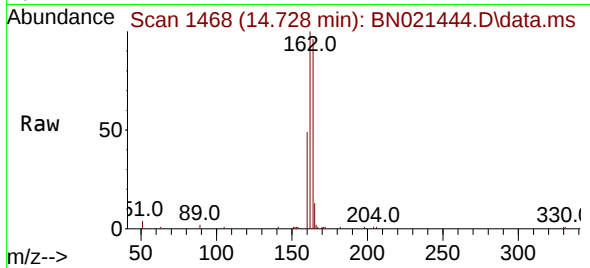
Tgt Ion:152 Resp: 10636
Ion Ratio Lower Upper
152 100
151 17.5 14.5 21.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

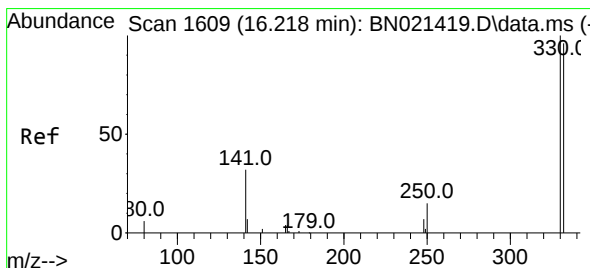
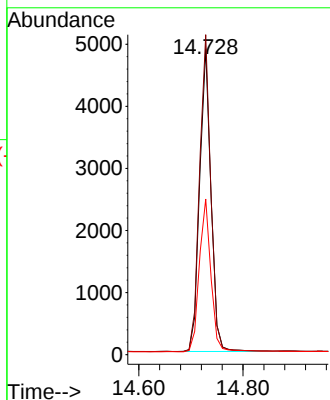
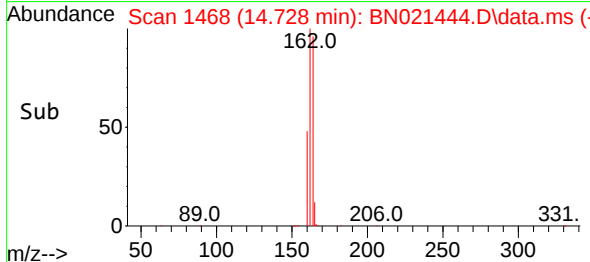
Instrument :
BNA_N
ClientSampleId :
RE122D2-20220818



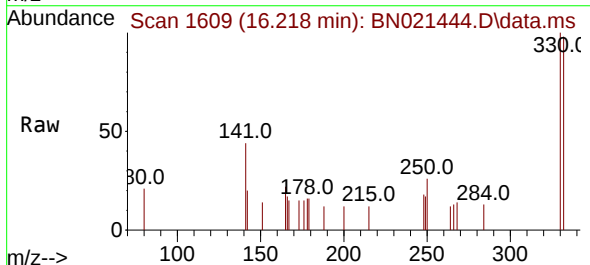
Tgt Ion:164 Resp: 7398
Ion Ratio Lower Upper
164 100
162 104.5 82.2 123.4
160 50.8 39.5 59.3

Manual Integrations
APPROVED

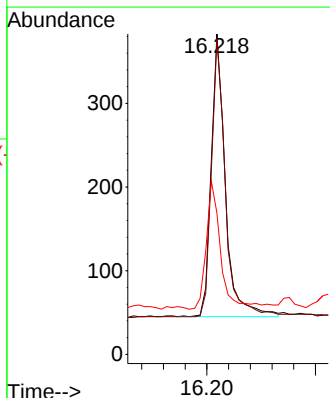
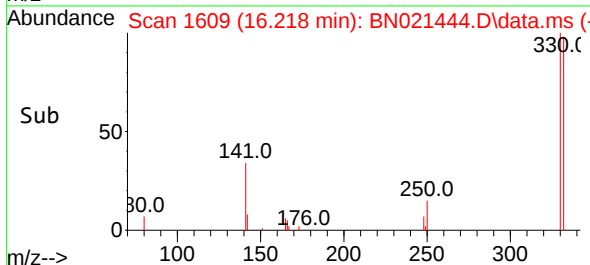
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

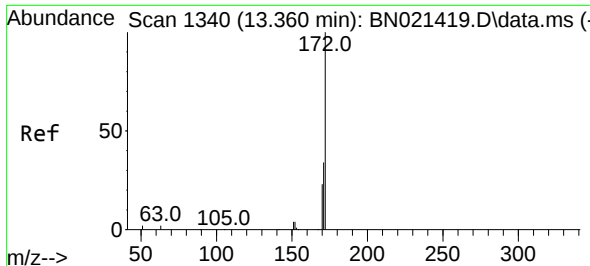


#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07



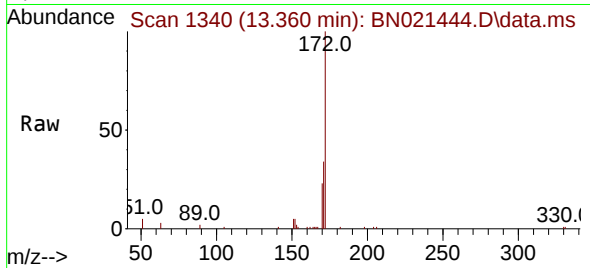
Tgt Ion:330 Resp: 612
Ion Ratio Lower Upper
330 100
332 96.1 79.3 118.9
141 46.9 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

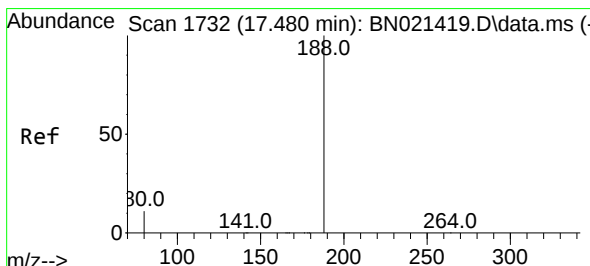
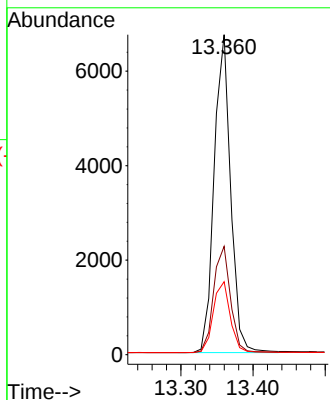
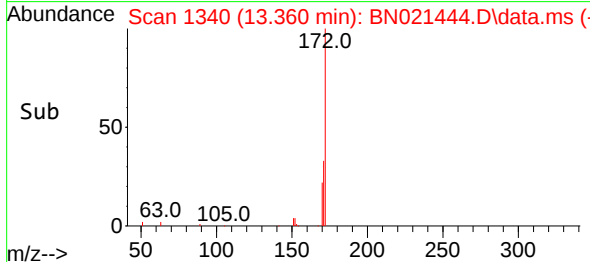
Instrument :
BNA_N
ClientSampleId :
RE122D2-20220818



Tgt Ion:172 Resp: 10638
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.6
170 22.8 18.6 28.0

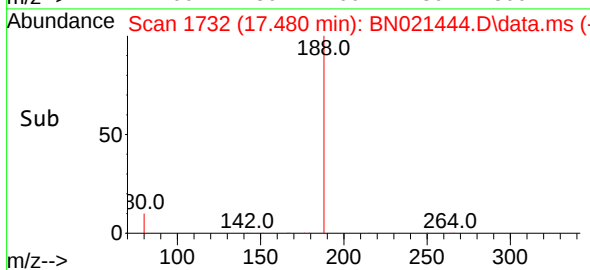
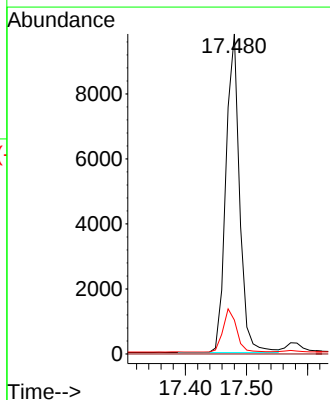
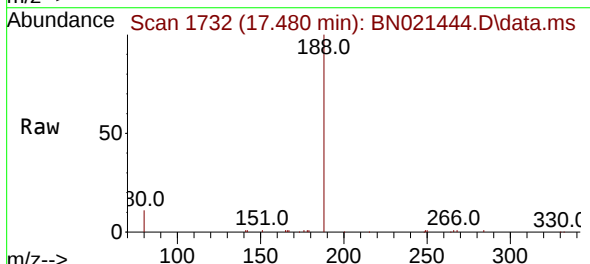
Manual Integrations
APPROVED

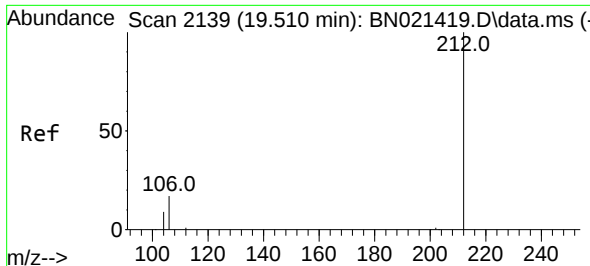
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

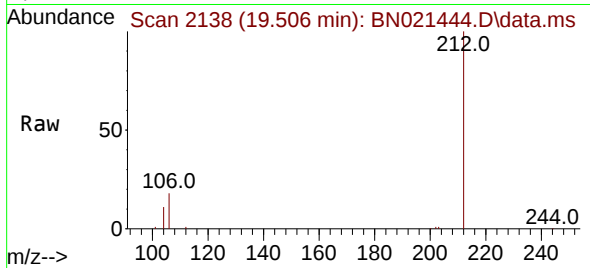
Tgt Ion:188 Resp: 15241
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3





#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

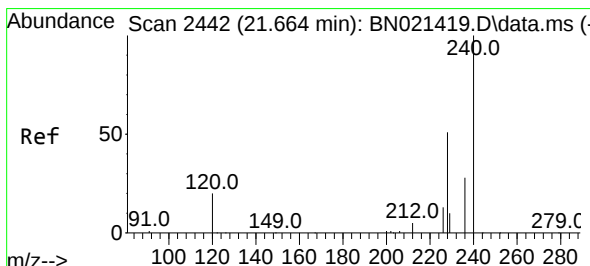
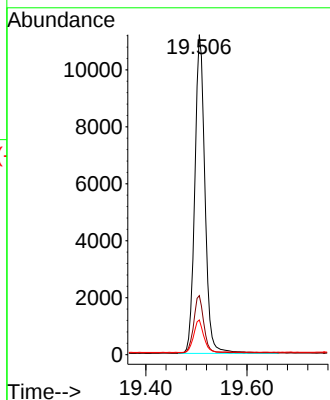
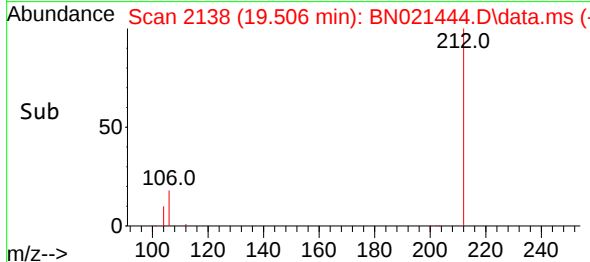
Instrument :
BNA_N
ClientSampleId :
RE122D2-20220818



Tgt Ion:212 Resp: 1559
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.1 7.8 11.6

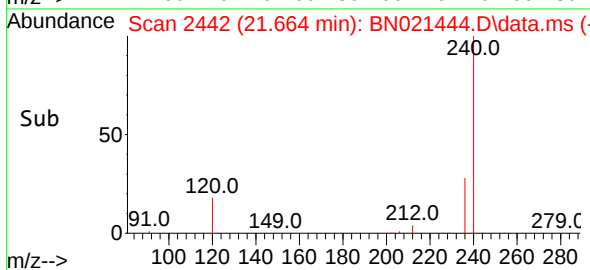
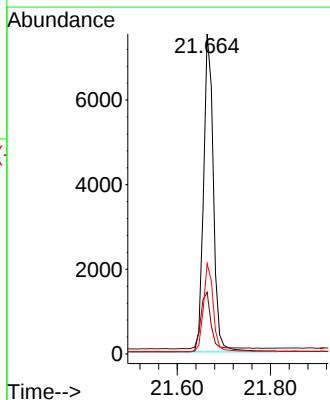
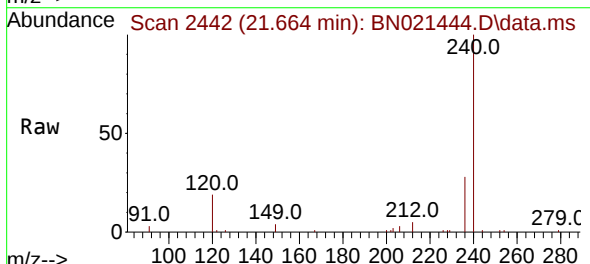
Manual Integrations
APPROVED

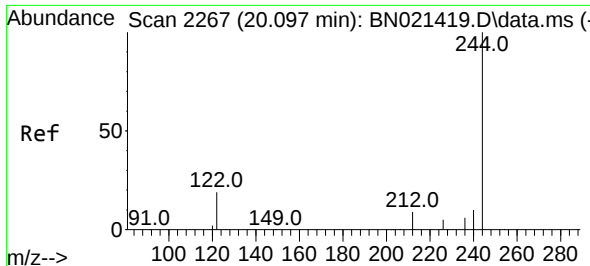
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021444.D
Acq: 30 Aug 2022 06:07

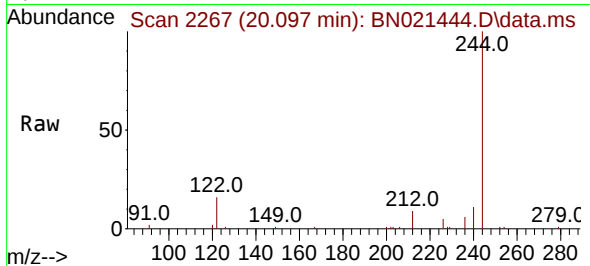
Tgt Ion:240 Resp: 11054
Ion Ratio Lower Upper
240 100
120 19.3 10.2 15.4#
236 28.2 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.457 ng
 RT: 20.097 min Scan# 21136
 Delta R.T. -0.000 min
 Lab File: BN021444.D
 Acq: 30 Aug 2022 06:07

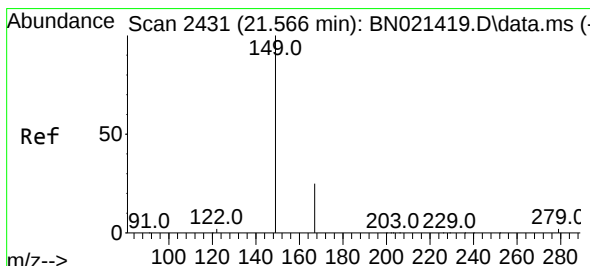
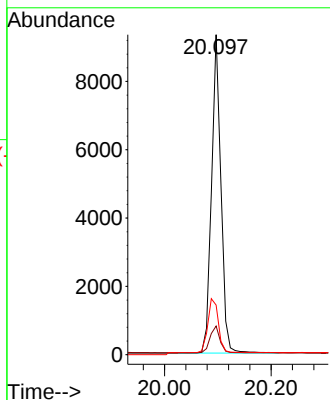
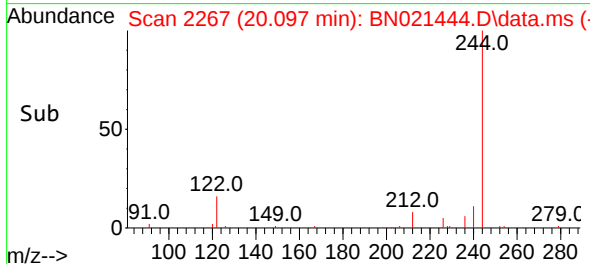
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20220818



Tgt Ion:244 Resp: 1136
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.5 9.7
 122 15.5 9.1 13.7

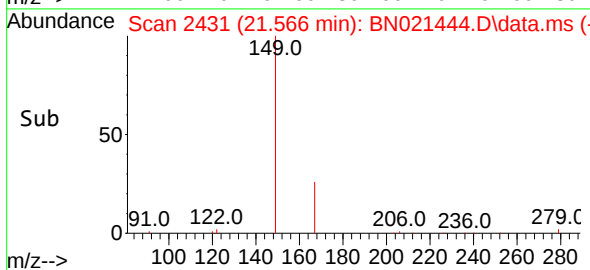
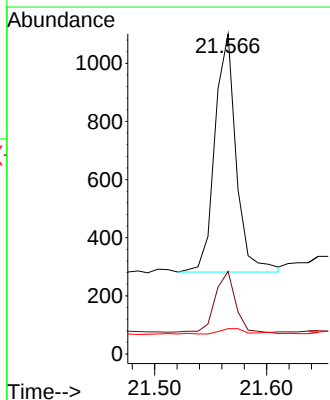
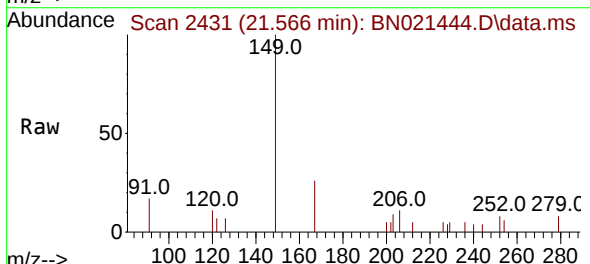
Manual Integrations
 APPROVED

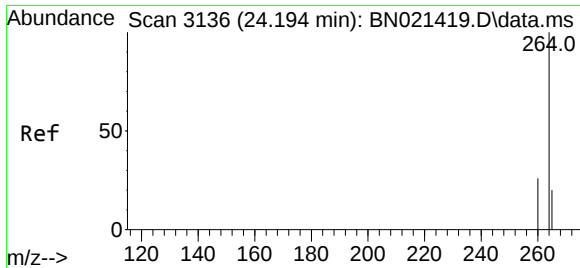
Reviewed By :Christian Giraldo 08/30/2022
 Supervised By :Jagrut Upadhyay 08/30/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021444.D
 Acq: 30 Aug 2022 06:07

Tgt Ion:149 Resp: 1081
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.4 32.0
 279 3.8 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.188 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN021444.D

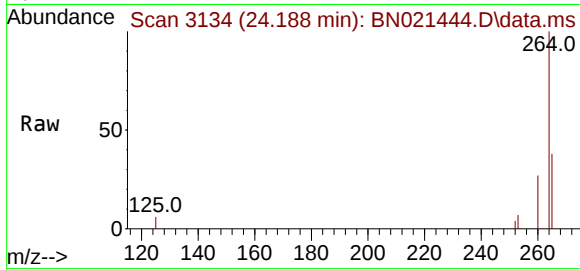
Acq: 30 Aug 2022 06:07

Instrument :

BNA_N

ClientSampleId :

RE122D2-20220818



Tgt Ion:264 Resp: 806

Ion Ratio Lower Upper

264 100

260 26.8 21.0 31.6

265 37.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/30/2022

Supervised By :Jagrut Upadhyay 08/30/2022

