

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
 Data File : BN021722.D
 Acq On : 12 Sep 2022 19:31
 Operator : CG/JU
 Sample : SP6009
 Misc : 8270 SIM SURROGATE
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6009

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/13/2022
 Supervised By :Jagrut Upadhyay 09/13/2022

Quant Time: Sep 13 03:15:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 02:32:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	4213	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	12868	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	7085	0.400	ng	0.01
19) Phenanthrene-d10	17.470	188	13444	0.400	ng	0.01
29) Chrysene-d12	21.655	240	8285	0.400	ng	# 0.00
35) Perylene-d12	24.167	264	7058	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	5539	0.672	ng	0.00
5) Phenol-d6	7.217	99	7154	0.681	ng	0.00
8) Nitrobenzene-d5	9.233	82	4932m	0.567	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	13887	0.479	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1079	0.464	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	13448	0.434	ng	0.00
27) Fluoranthene-d10	19.493	212	14310	0.414	ng	0.00
31) Terphenyl-d14	20.088	244	10540	0.566	ng	0.00

Target Compounds Qvalue

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

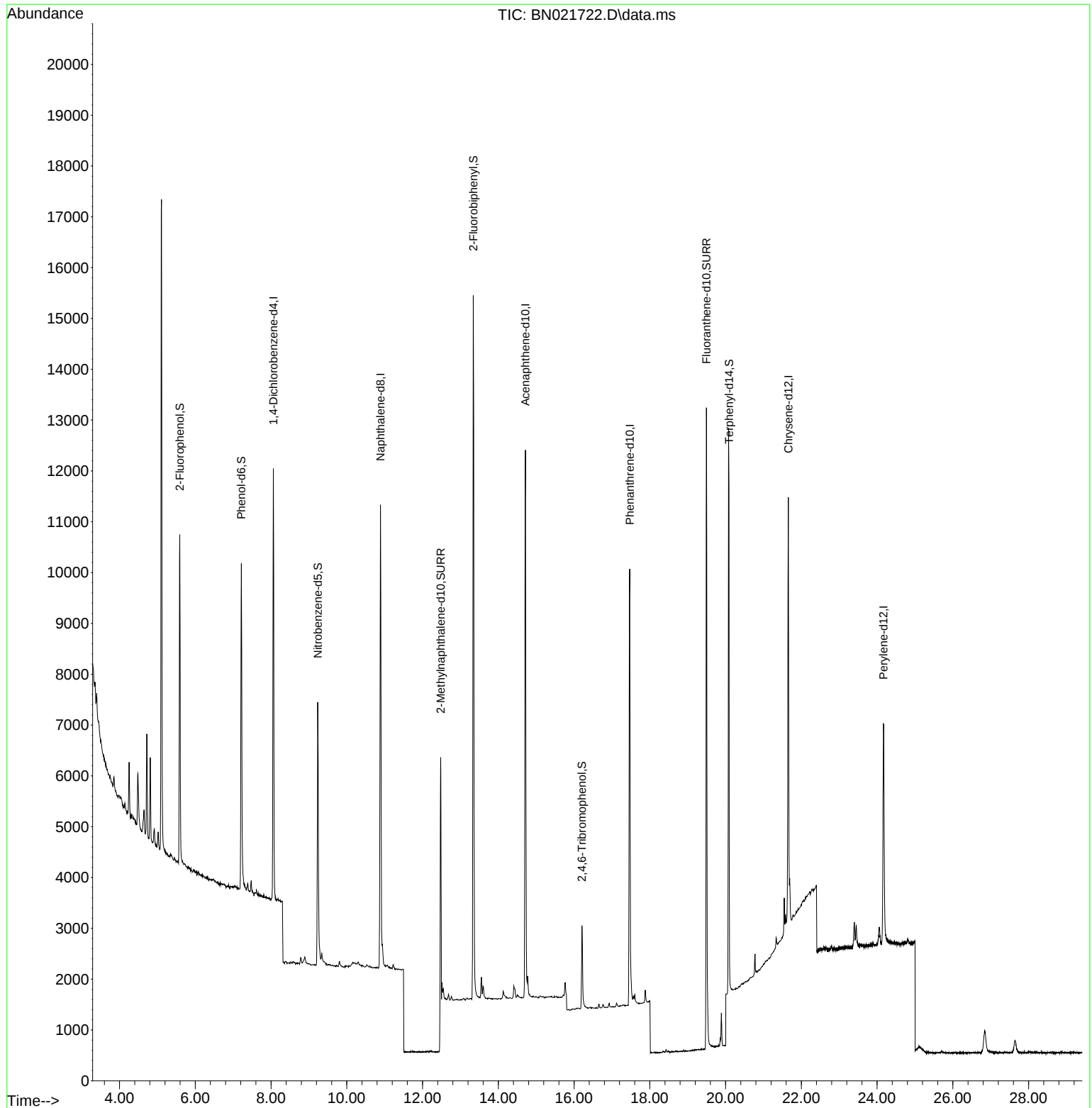
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
Data File : BN021722.D
Acq On : 12 Sep 2022 19:31
Operator : CG/JU
Sample : SP6009
Misc : 8270 SIM SURROGATE
ALS Vial : 9 Sample Multiplier: 1

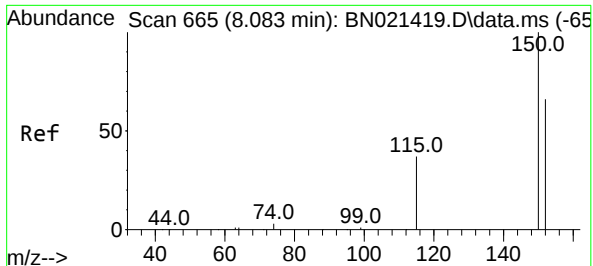
Instrument :
BNA_N
ClientSampleId :
SP6009

Quant Time: Sep 13 03:15:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

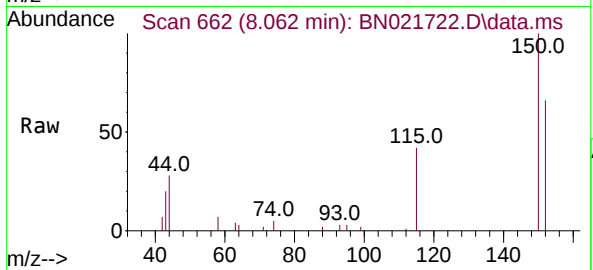
Reviewed By : Christian Giraldo 09/13/2022
Supervised By : Jagrut Upadhyay 09/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

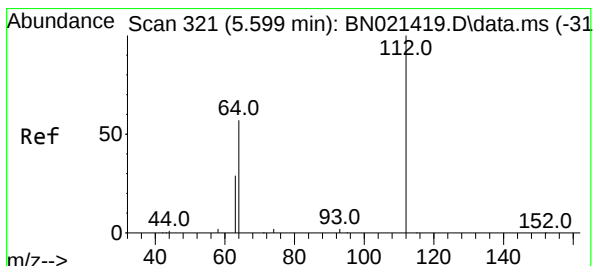
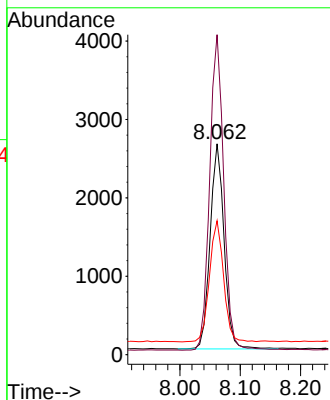
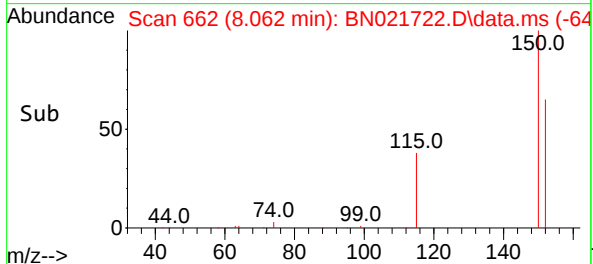
Instrument :
BNA_N
ClientSampleId :
SP6009



Tgt Ion:152 Resp: 4213
Ion Ratio Lower Upper
152 100
150 151.8 121.4 182.0
115 63.5 48.6 72.8

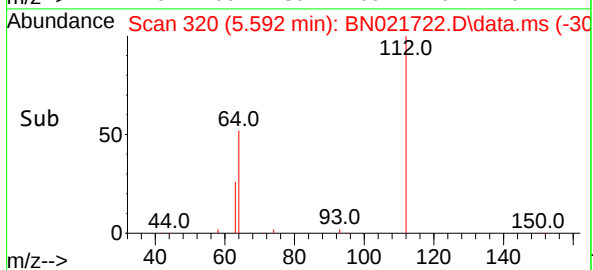
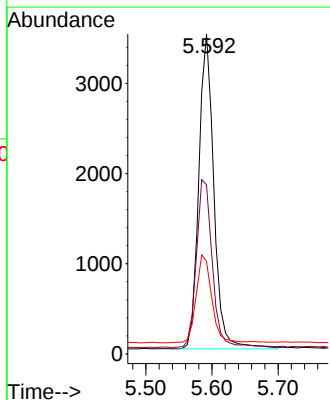
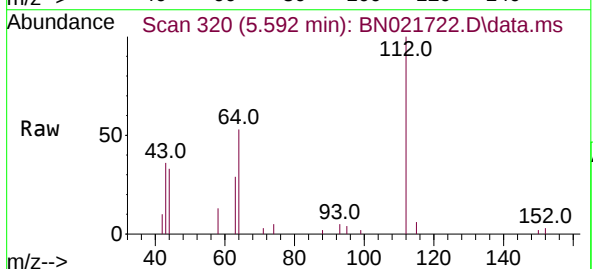
Manual Integrations
APPROVED

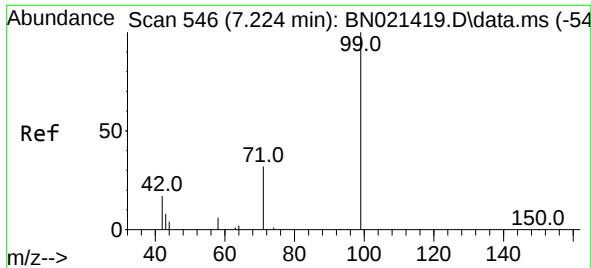
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#4
2-Fluorophenol
Concen: 0.672 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Tgt Ion:112 Resp: 5539
Ion Ratio Lower Upper
112 100
64 56.3 43.5 65.3
63 28.5 22.6 34.0





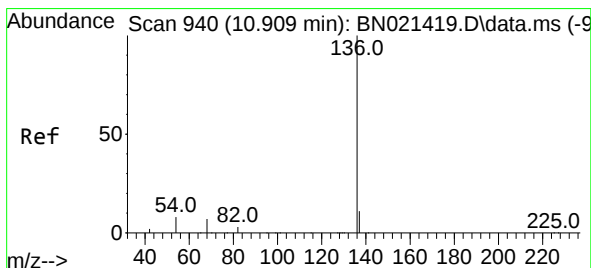
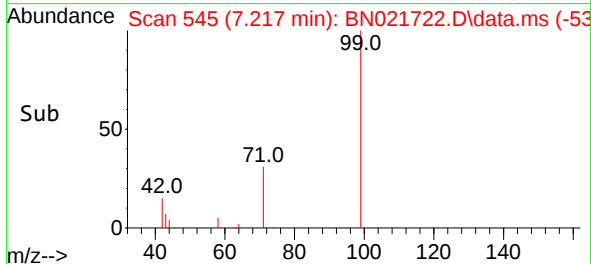
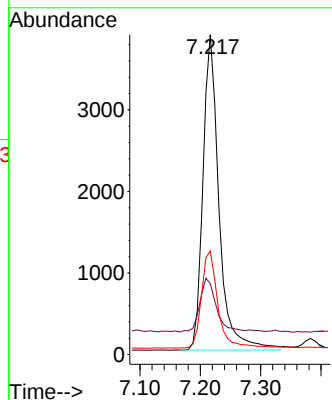
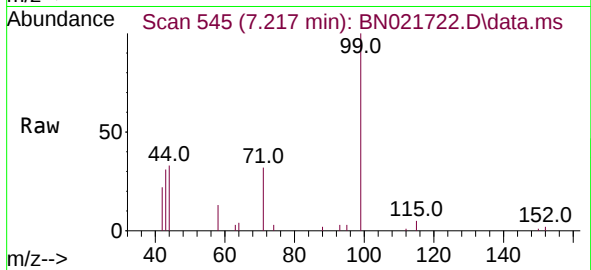
#5
Phenol-d6
Concen: 0.681 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

Instrument :
BNA_N
ClientSampleId :
SP6009

Tgt Ion: 99 Resp: 7154
Ion Ratio Lower Upper
99 100
42 17.2 15.5 23.3
71 31.5 24.2 36.2

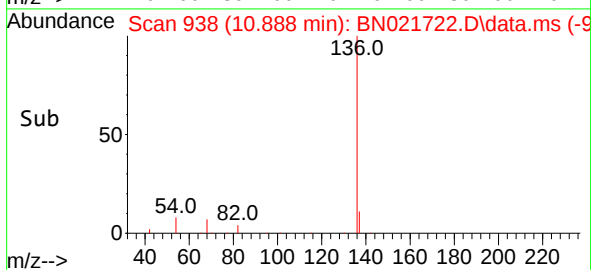
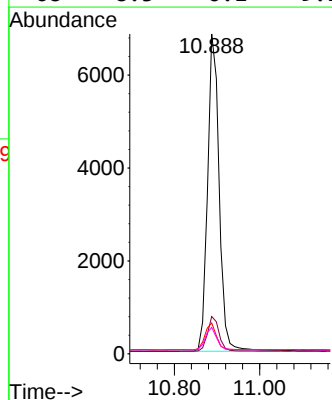
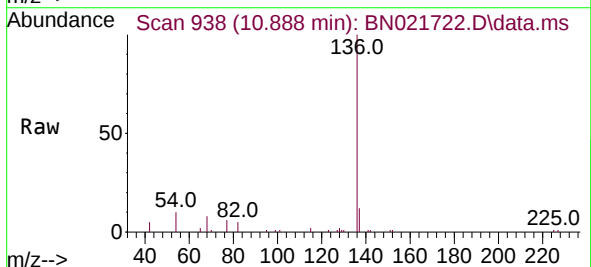
Manual Integrations
APPROVED

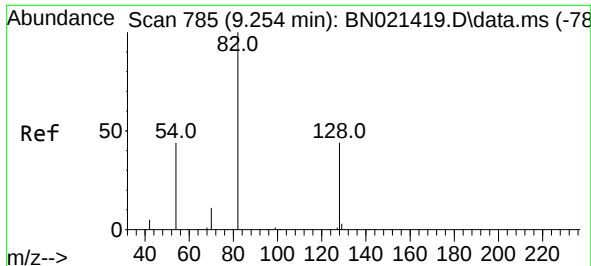
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

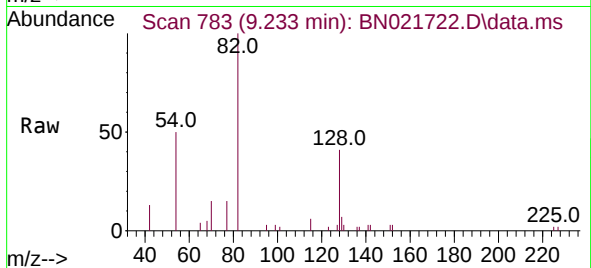
Tgt Ion:136 Resp: 12868
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 9.7 6.9 10.3
68 8.3 6.1 9.1





#8
Nitrobenzene-d5
Concen: 0.567 ng m
RT: 9.233 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

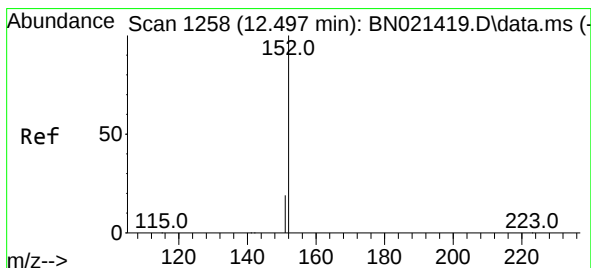
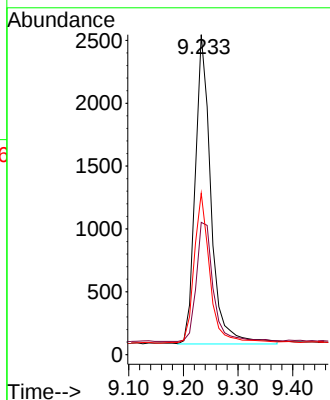
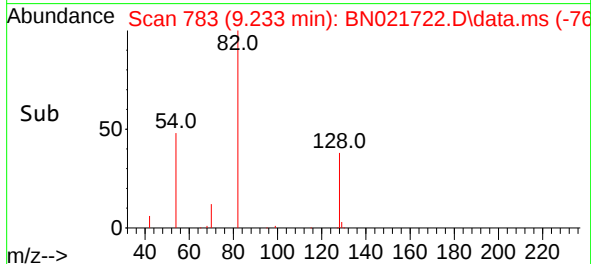
Instrument :
BNA_N
ClientSampleId :
SP6009



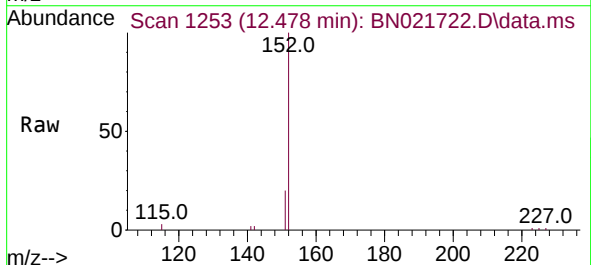
Tgt Ion: 82 Resp: 4932
Ion Ratio Lower Upper
82 100
128 41.3 30.9 46.3
54 50.4 42.7 64.1

Manual Integrations
APPROVED

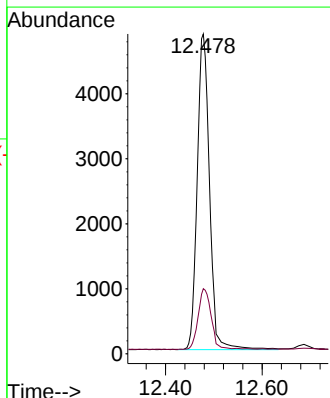
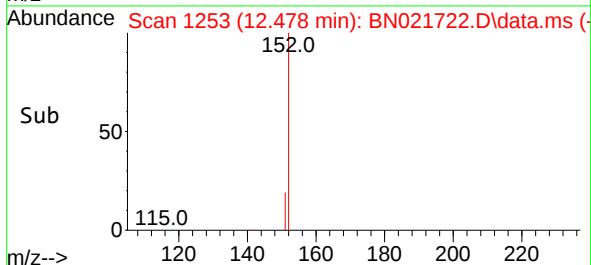
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

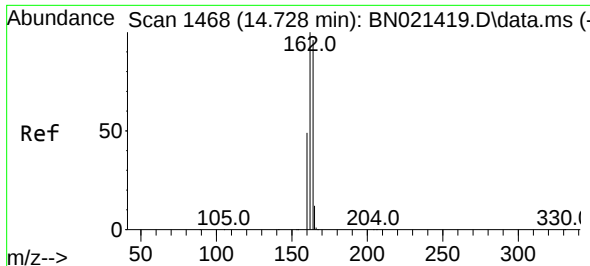


#11
2-Methylnaphthalene-d10
Concen: 0.479 ng
RT: 12.478 min Scan# 1253
Delta R.T. 0.004 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31



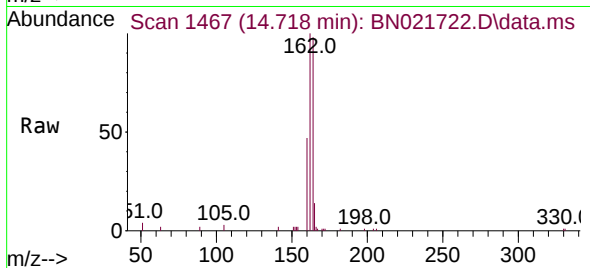
Tgt Ion:152 Resp: 13887
Ion Ratio Lower Upper
152 100
151 19.0 14.5 21.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.011 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

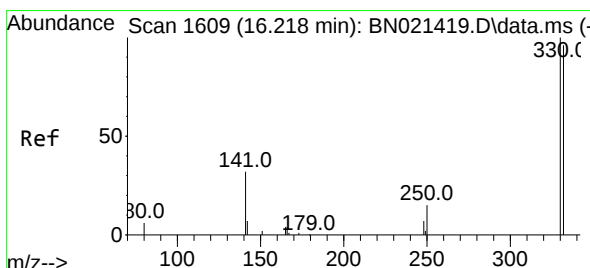
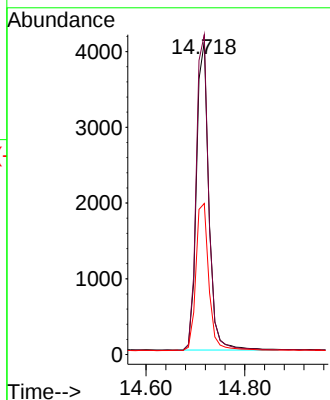
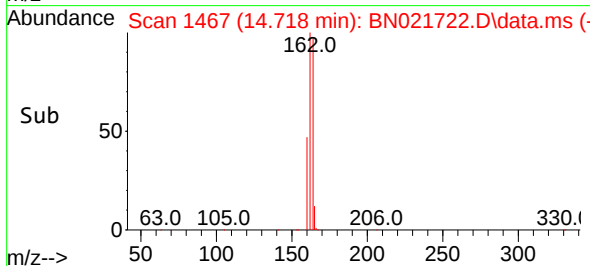
Instrument :
BNA_N
ClientSampleId :
SP6009



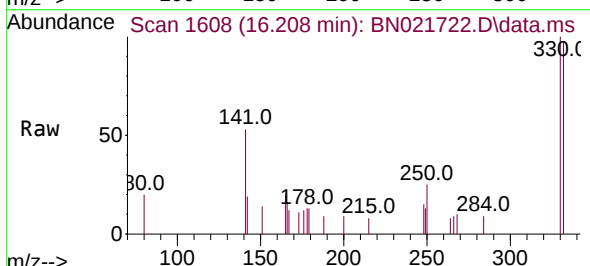
Tgt Ion:164 Resp: 7085
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.4
160 48.3 39.5 59.3

Manual Integrations
APPROVED

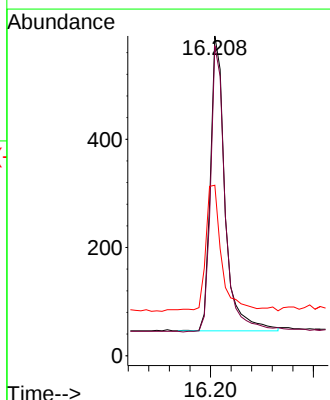
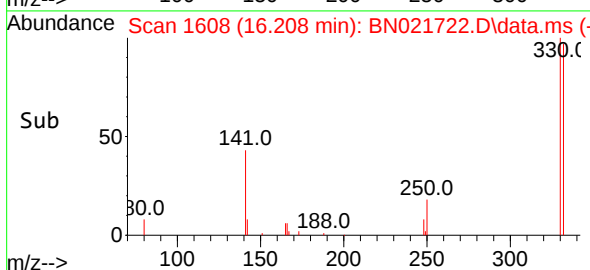
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

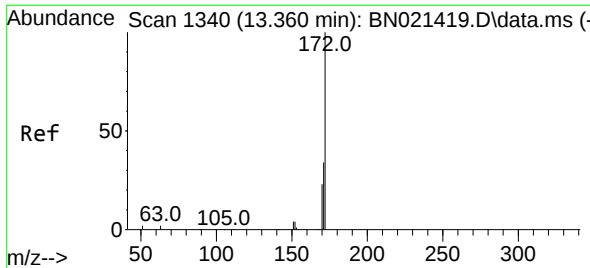


#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31



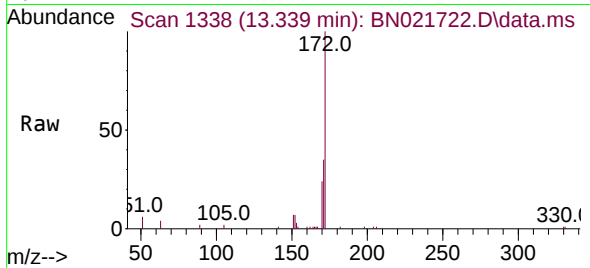
Tgt Ion:330 Resp: 1079
Ion Ratio Lower Upper
330 100
332 96.5 79.3 118.9
141 43.5 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

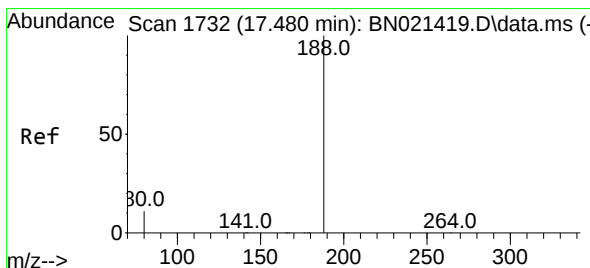
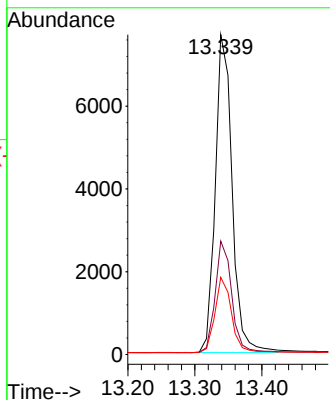
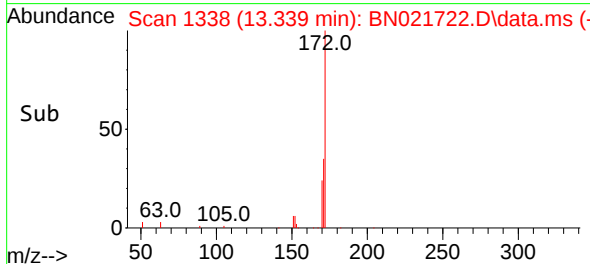
Instrument :
BNA_N
ClientSampleId :
SP6009



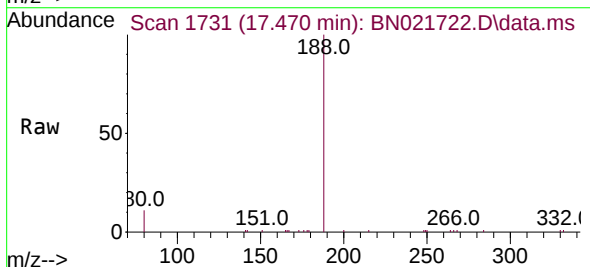
Tgt Ion:172 Resp: 13448
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 24.1 18.6 28.0

Manual Integrations
APPROVED

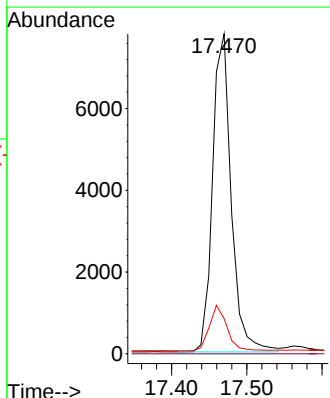
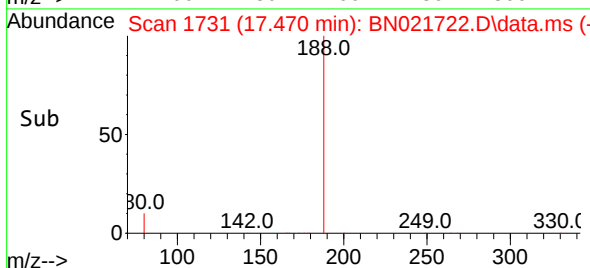
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022

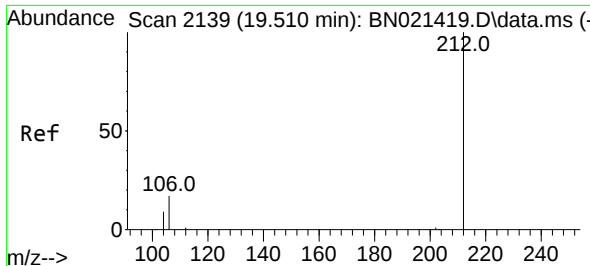


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.010 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31



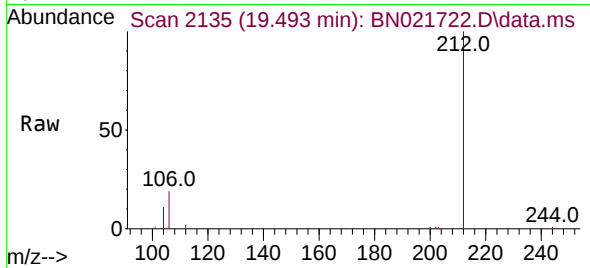
Tgt Ion:188 Resp: 13444
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.5 14.3





#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.493 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

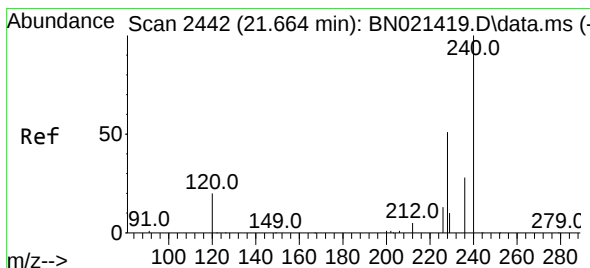
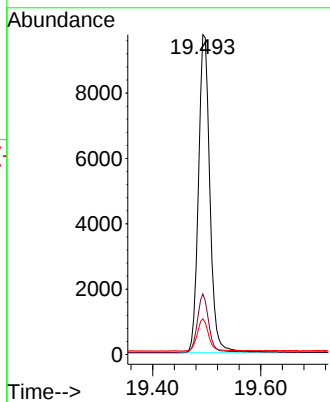
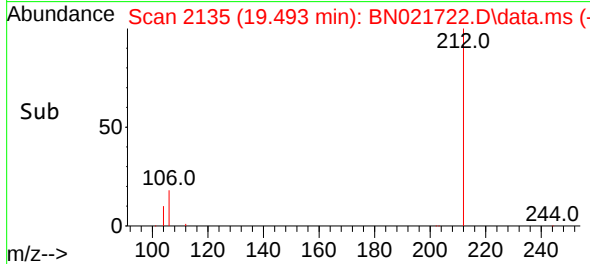
Instrument :
BNA_N
ClientSampleId :
SP6009



Tgt Ion:212 Resp: 14310
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 9.9 7.8 11.6

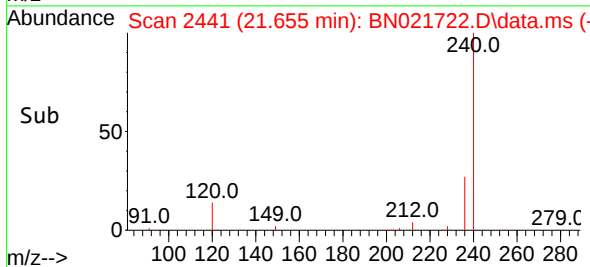
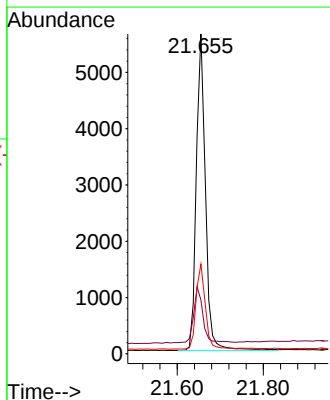
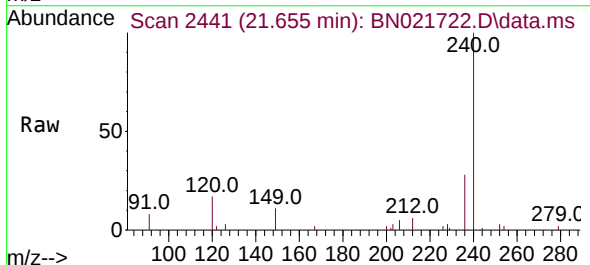
Manual Integrations
APPROVED

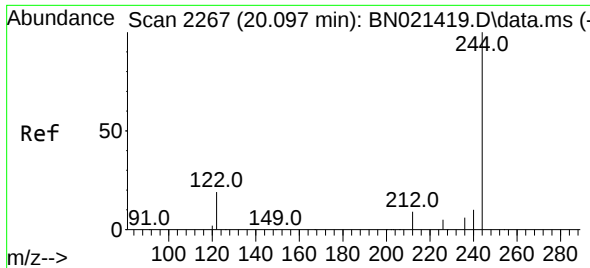
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021722.D
Acq: 12 Sep 2022 19:31

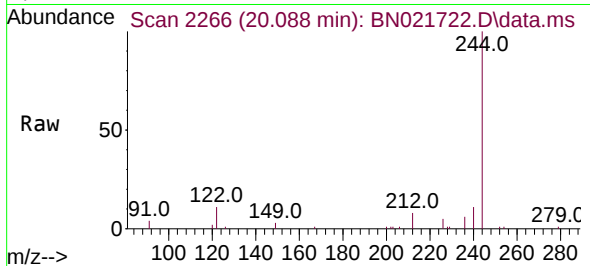
Tgt Ion:240 Resp: 8285
Ion Ratio Lower Upper
240 100
120 16.8 10.2 15.4#
236 28.1 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.566 ng
 RT: 20.088 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021722.D
 Acq: 12 Sep 2022 19:31

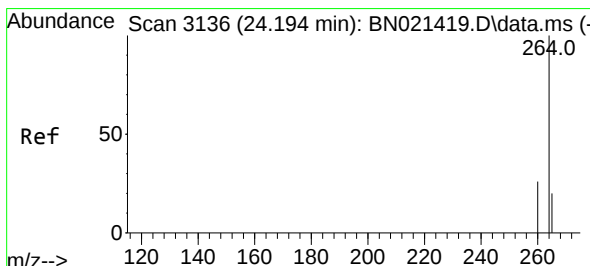
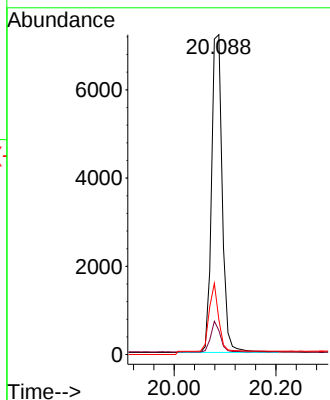
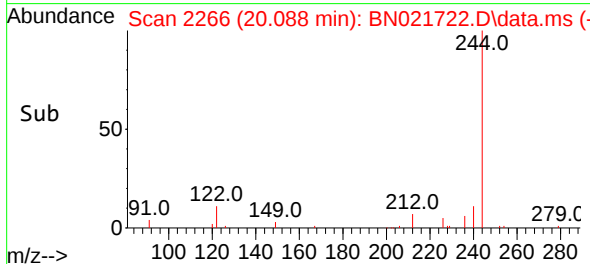
Instrument :
 BNA_N
 ClientSampleId :
 SP6009



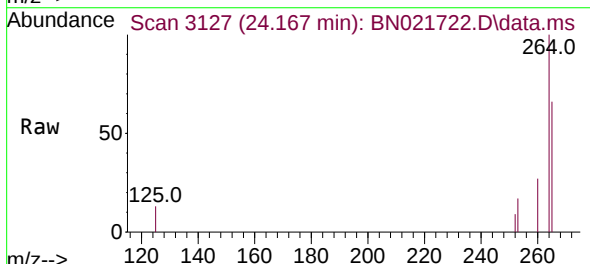
Tgt Ion:244 Resp: 10540
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 10.9 9.1 13.7

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/13/2022
 Supervised By :Jagrut Upadhyay 09/13/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.167 min Scan# 3127
 Delta R.T. 0.000 min
 Lab File: BN021722.D
 Acq: 12 Sep 2022 19:31



Tgt Ion:264 Resp: 7058
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.6
 265 66.4 32.2 48.2#

