

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021692.D
 Acq On : 10 Sep 2022 10:57
 Operator : CG/JU
 Sample : N4508-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-090222

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 01:07:59 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	8.061	152	5530	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	18807	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	11805	0.400	ng	-0.01
19) Phenanthrene-d10	17.459	188	21494	0.400	ng	-0.01
29) Chrysene-d12	21.655	240	13811	0.400	ng	0.00
35) Perylene-d12	24.167	264	11390	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.591	112	415	0.038	ng	0.00
5) Phenol-d6	7.216	99	989	0.072	ng	0.00
8) Nitrobenzene-d5	9.232	82	4340m	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.474	152	12994	0.307	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	445	0.115	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	12373	0.240	ng	0.00
27) Fluoranthene-d10	19.493	212	20913	0.378	ng	0.00
31) Terphenyl-d14	20.079	244	14554	0.469	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	1384	0.200	ng	Qvalue # 1
9) Naphthalene	10.941	128	6319	0.113	ng	98
34) Bis(2-ethylhexyl)phtha...	21.548	149	2210	0.114	ng	Qvalue # 97

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

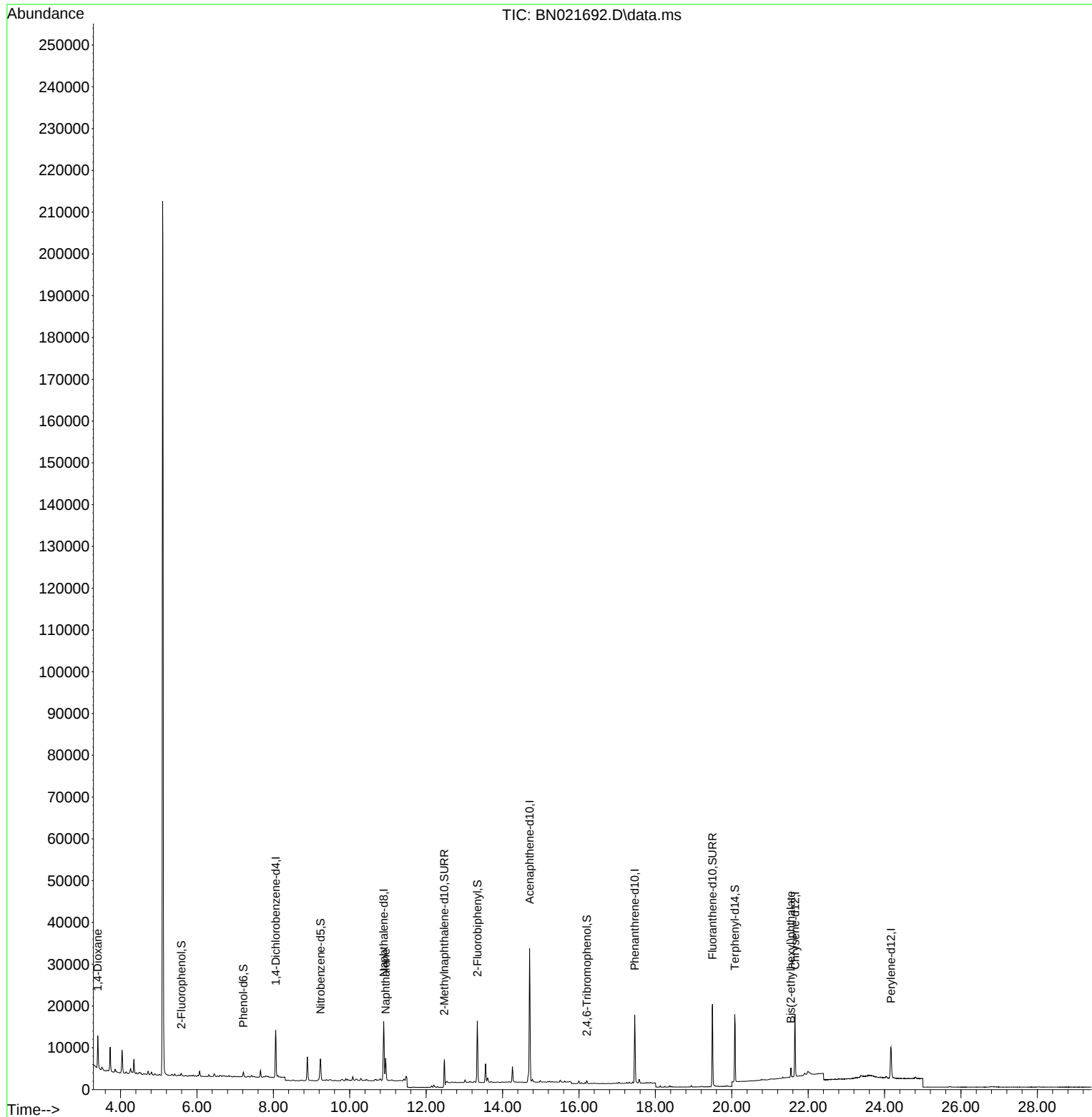
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021692.D
Acq On : 10 Sep 2022 10:57
Operator : CG/JU
Sample : N4508-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-090222

Quant Time: Sep 12 01:07:59 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

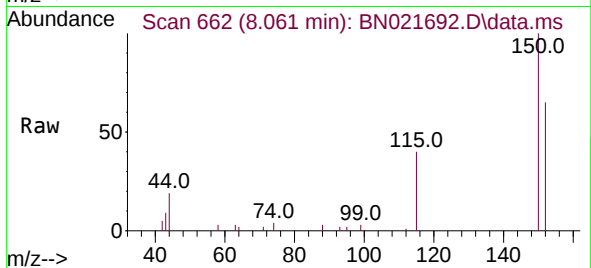
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.061 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

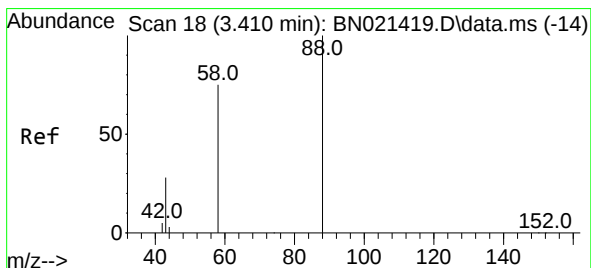
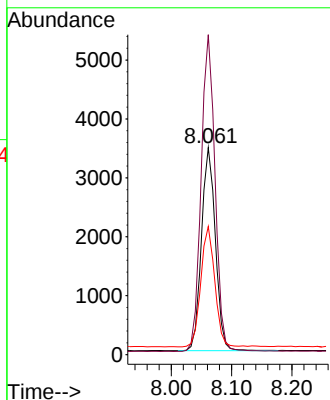
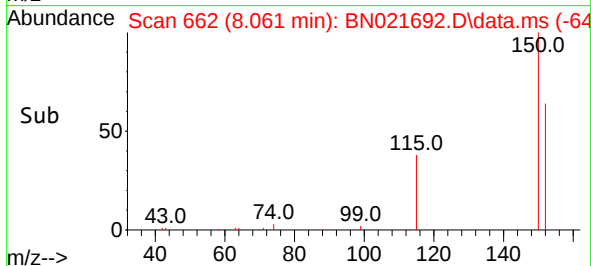
Instrument :
BNA_N
ClientSampleId :
FB-090222



Tgt Ion:152 Resp: 5530
Ion Ratio Lower Upper
152 100
150 154.6 121.4 182.0
115 61.9 48.6 72.8

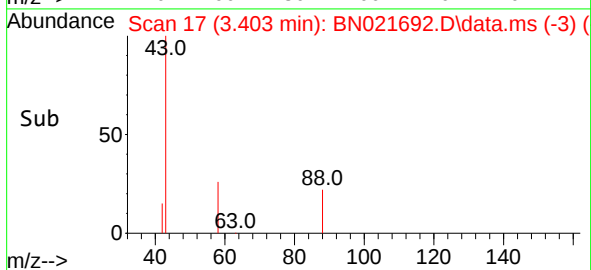
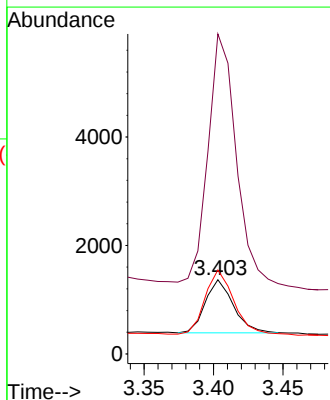
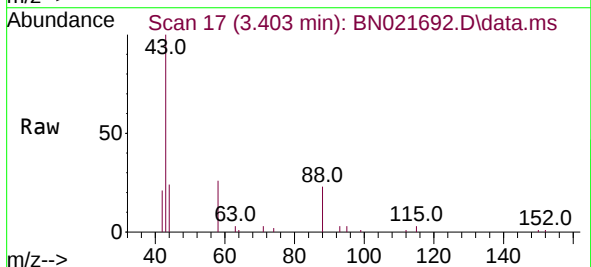
Manual Integrations
APPROVED

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



#2
1,4-Dioxane
Concen: 0.200 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

Tgt Ion: 88 Resp: 1384
Ion Ratio Lower Upper
88 100
43 464.1 35.8 53.8#
58 121.7 57.1 85.7#





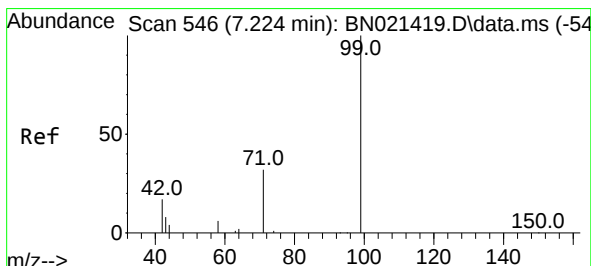
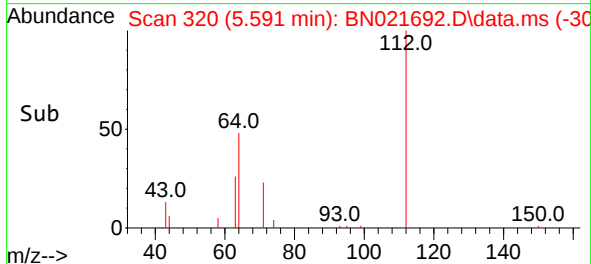
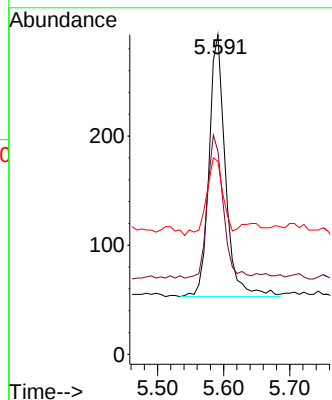
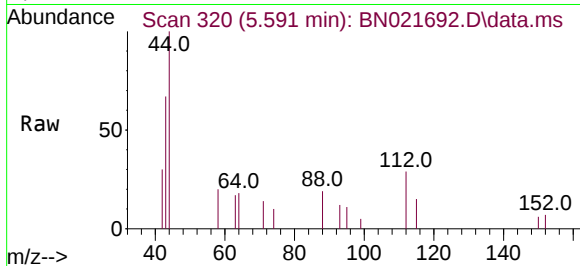
#4
2-Fluorophenol
Concen: 0.038 ng
RT: 5.591 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

Instrument :
BNA_N
ClientSampleId :
FB-090222

Tgt Ion: 112 Resp: 415
Ion Ratio Lower Upper
112 100
64 52.0 43.5 65.3
63 29.9 22.6 34.0

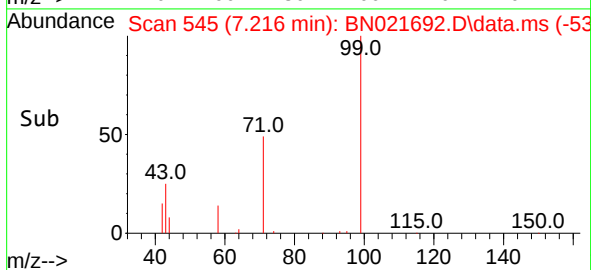
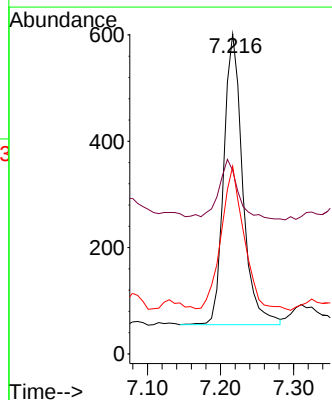
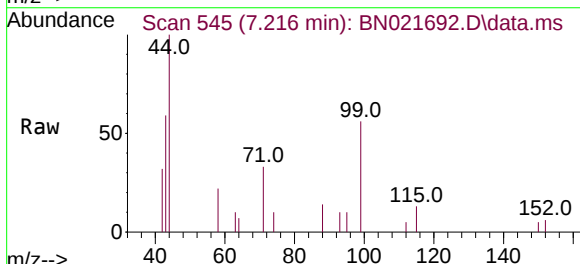
Manual Integrations
APPROVED

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



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.216 min Scan# 545
Delta R.T. -0.000 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

Tgt Ion: 99 Resp: 989
Ion Ratio Lower Upper
99 100
42 22.2 15.5 23.3
71 60.3 24.2 36.2#





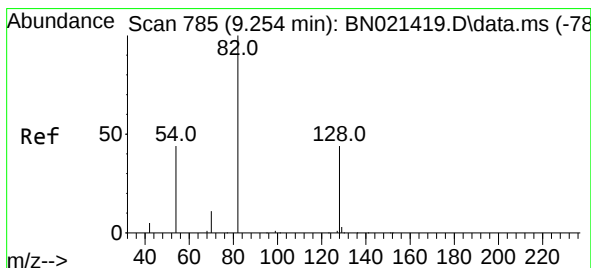
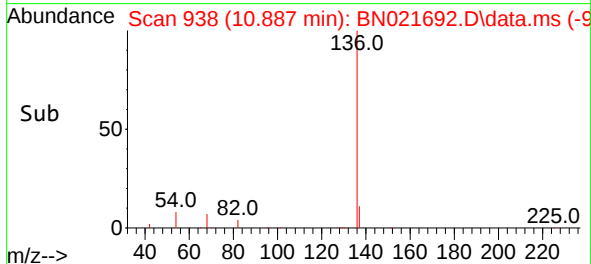
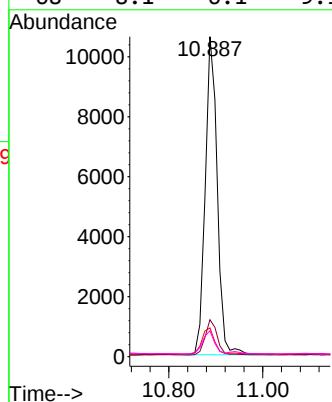
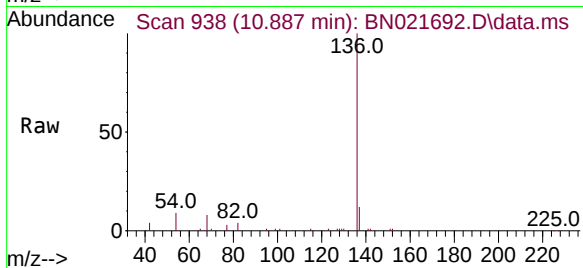
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 938
Delta R.T. -0.011 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

Instrument :
BNA_N
ClientSampleId :
FB-090222

Tgt Ion:136	Resp:	1880
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.3 13.9
54	9.0	6.9 10.3
68	8.1	6.1 9.1

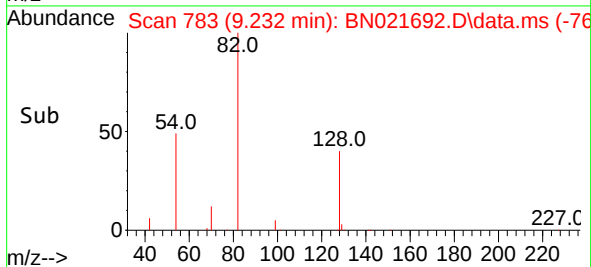
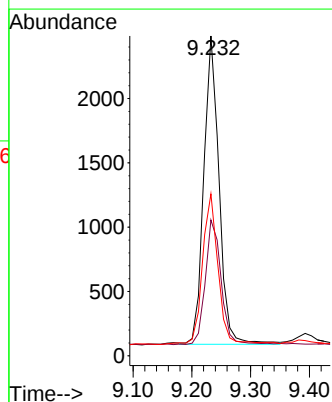
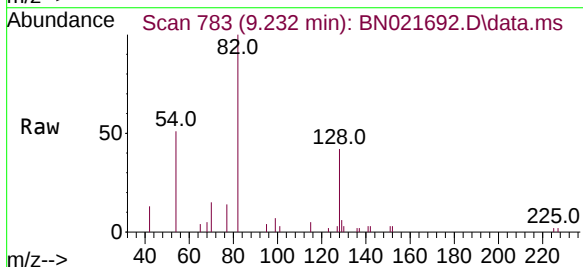
Manual Integrations
APPROVED

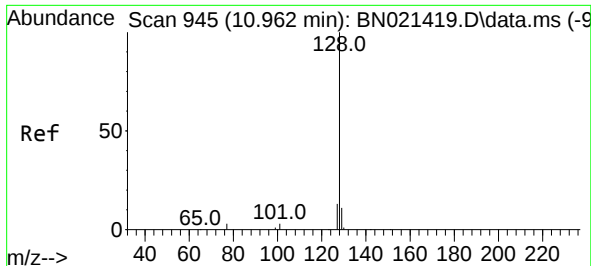
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#8
Nitrobenzene-d5
Concen: 0.342 ng m
RT: 9.232 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

Tgt Ion: 82	Resp:	4340
Ion Ratio	Lower	Upper
82	100	
128	42.5	30.9 46.3
54	50.6	42.7 64.1





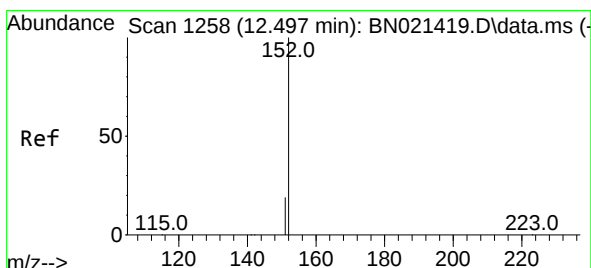
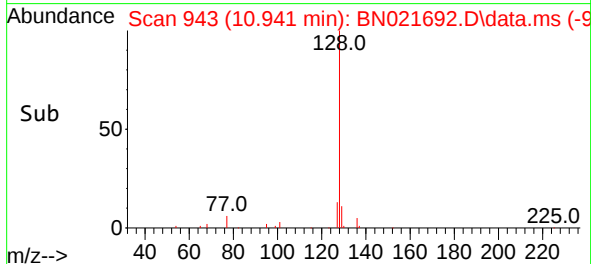
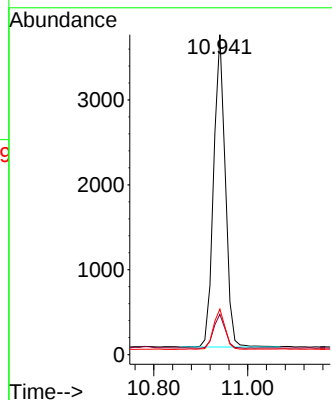
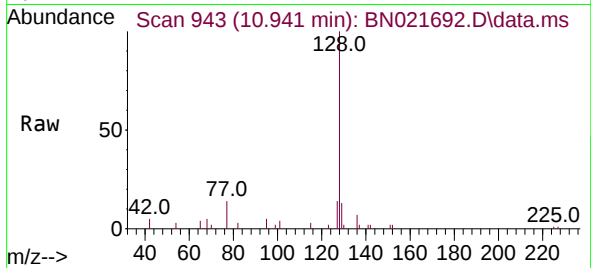
#9
Naphthalene
Concen: 0.113 ng
RT: 10.941 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

Instrument :
BNA_N
ClientSampleId :
FB-090222

Tgt Ion:128 Resp: 6319
Ion Ratio Lower Upper
128 100
129 12.6 9.3 13.9
127 14.2 11.0 16.4

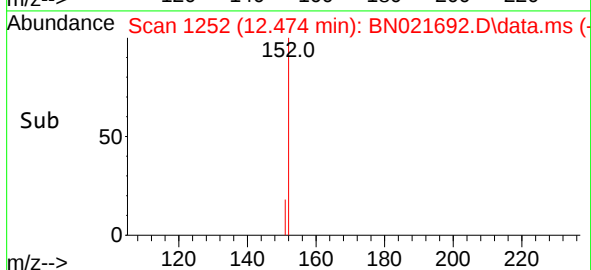
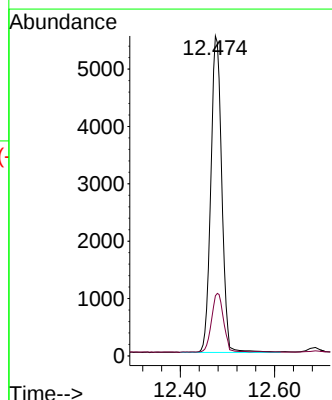
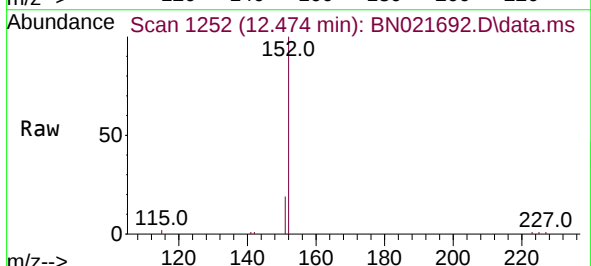
Manual Integrations
APPROVED

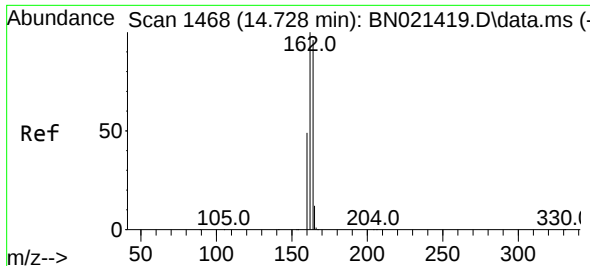
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.474 min Scan# 1252
Delta R.T. -0.004 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

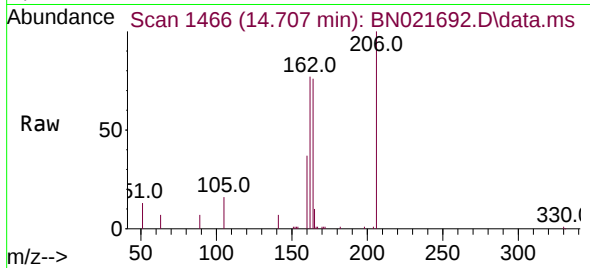
Tgt Ion:152 Resp: 12994
Ion Ratio Lower Upper
152 100
151 22.8 14.5 21.7#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.011 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

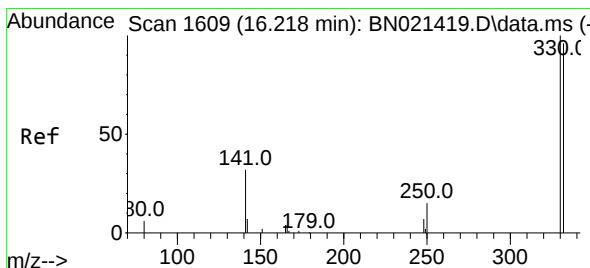
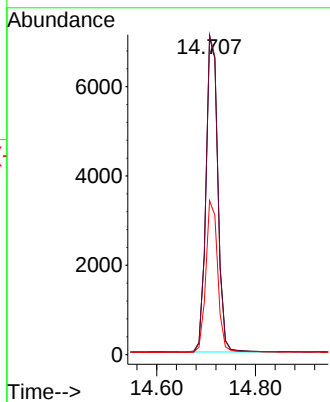
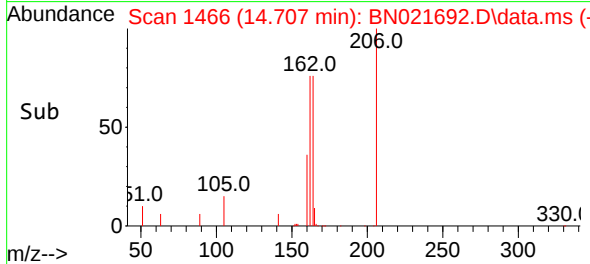
Instrument :
BNA_N
ClientSampleId :
FB-090222



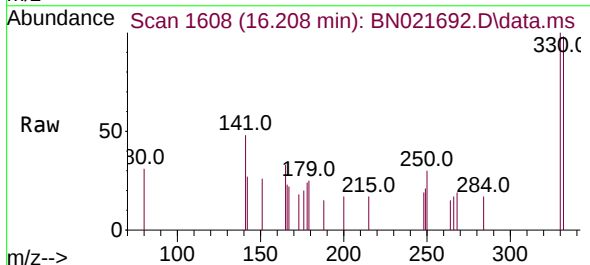
Tgt Ion:164 Resp: 1180
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.4
160 48.5 39.5 59.3

Manual Integrations
APPROVED

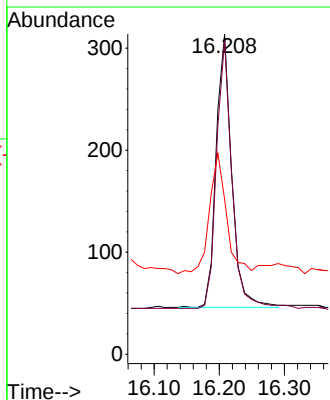
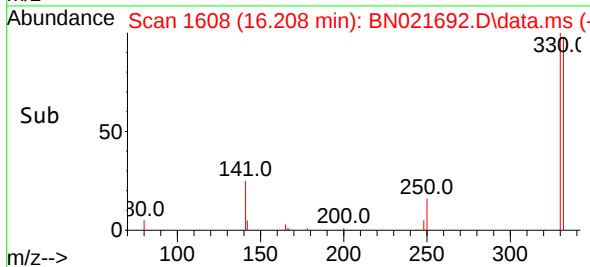
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

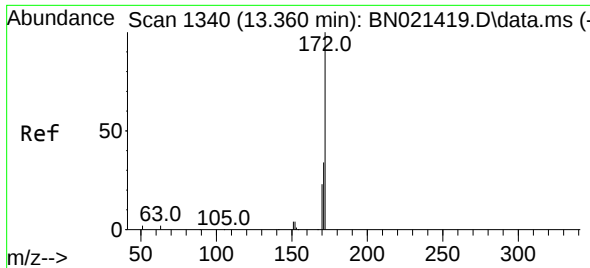


#14
2,4,6-Tribromophenol
Concen: 0.115 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57



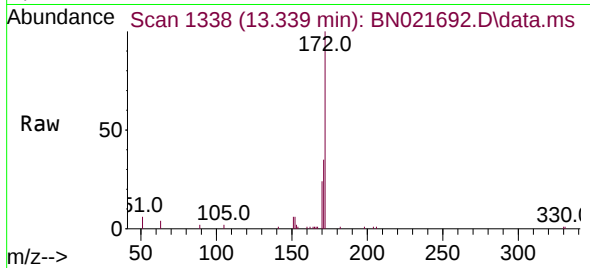
Tgt Ion:330 Resp: 445
Ion Ratio Lower Upper
330 100
332 96.9 79.3 118.9
141 48.1 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

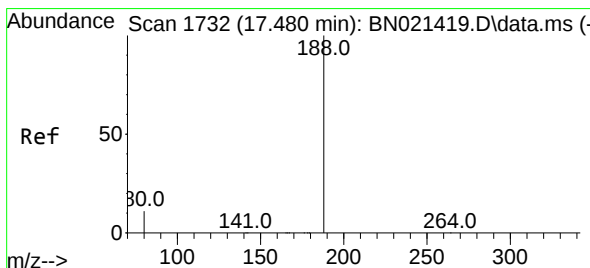
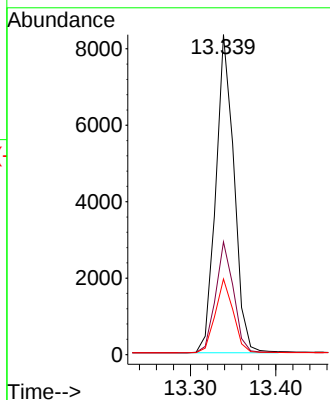
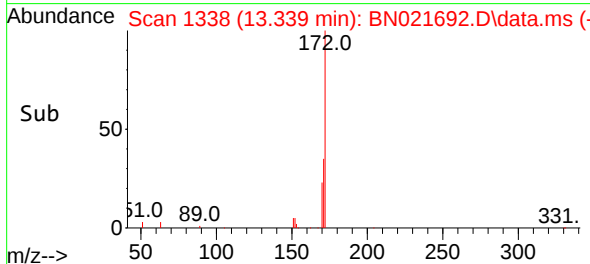
Instrument :
BNA_N
ClientSampleId :
FB-090222



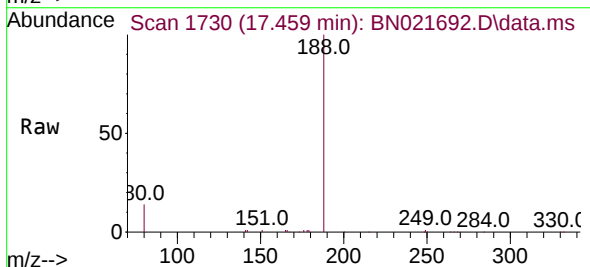
Tgt Ion:172 Resp: 12373
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.7 18.6 28.0

Manual Integrations
APPROVED

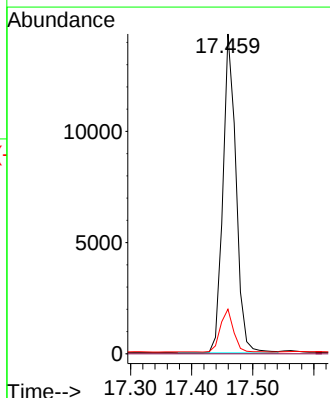
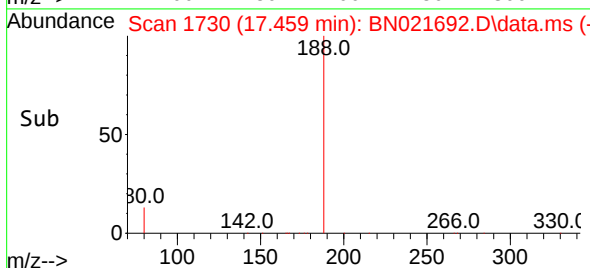
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

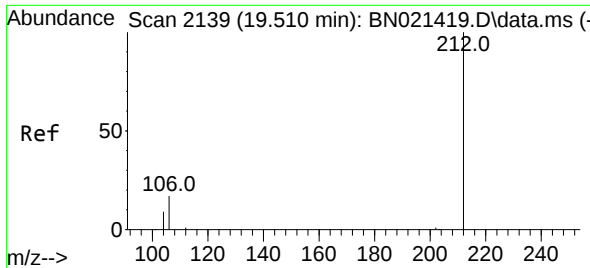


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57



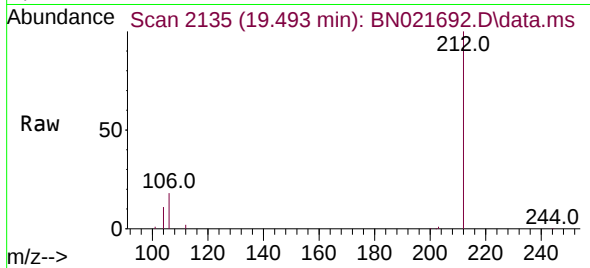
Tgt Ion:188 Resp: 21494
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 9.5 14.3





#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

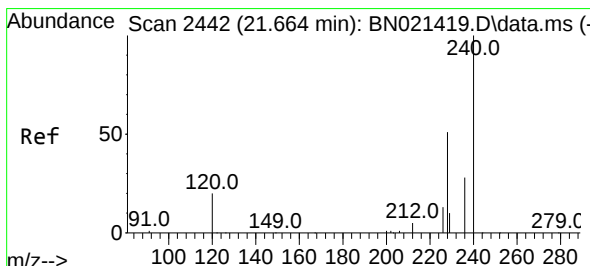
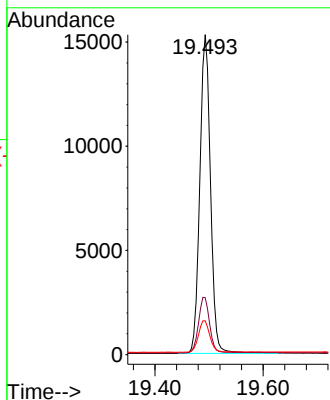
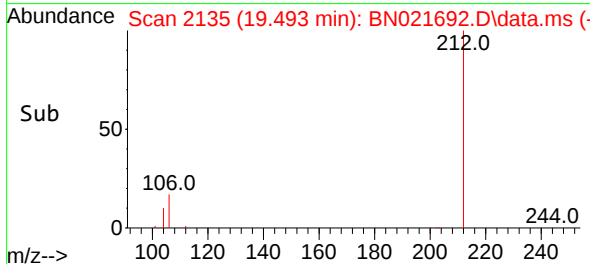
Instrument :
BNA_N
ClientSampleId :
FB-090222



Tgt Ion:212 Resp: 20913
Ion Ratio Lower Upper
212 100
106 18.2 14.2 21.2
104 10.7 7.8 11.6

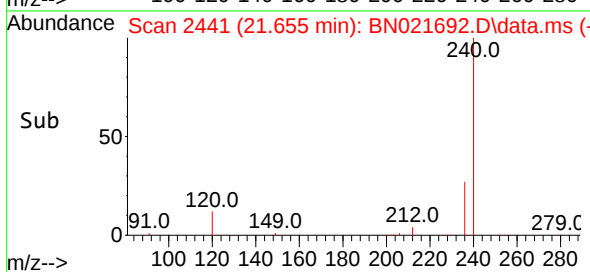
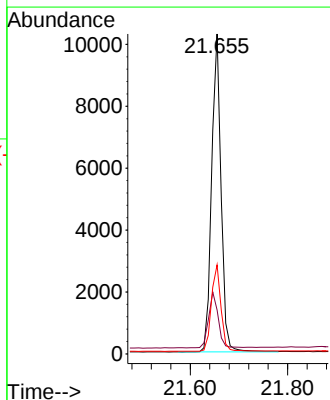
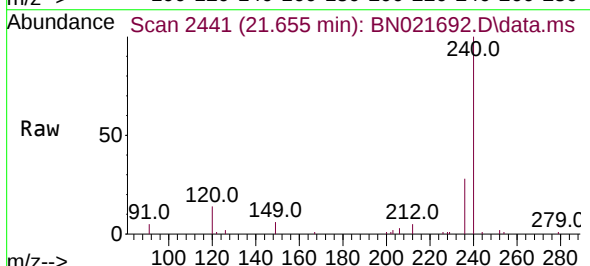
Manual Integrations
APPROVED

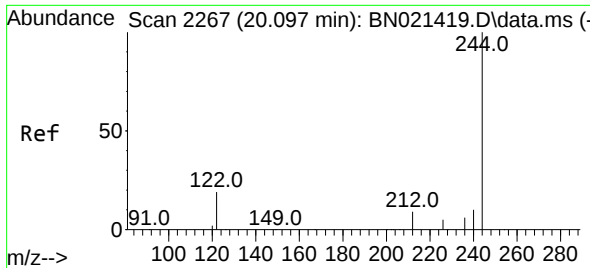
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN021692.D
Acq: 10 Sep 2022 10:57

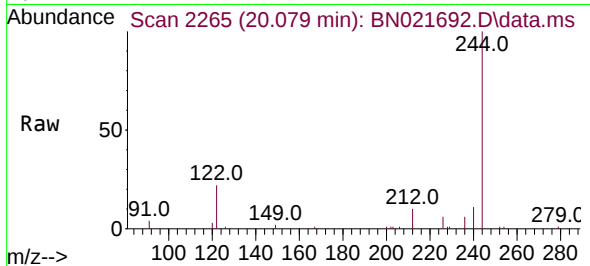
Tgt Ion:240 Resp: 13811
Ion Ratio Lower Upper
240 100
120 13.7 10.2 15.4
236 27.8 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.469 ng
 RT: 20.079 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021692.D
 Acq: 10 Sep 2022 10:57

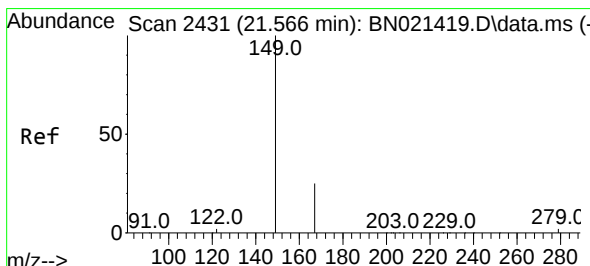
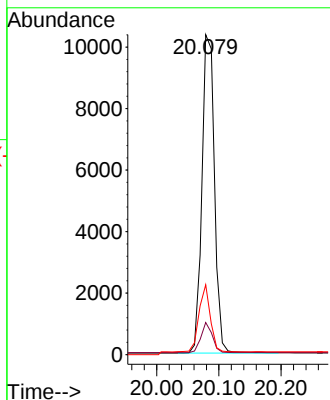
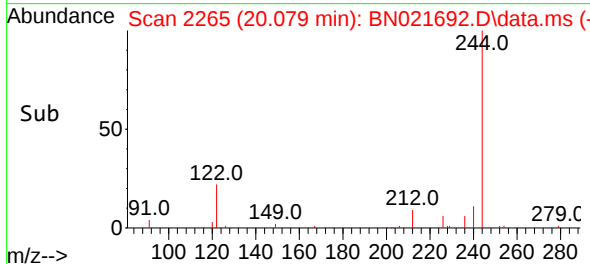
Instrument :
 BNA_N
 ClientSampleId :
 FB-090222



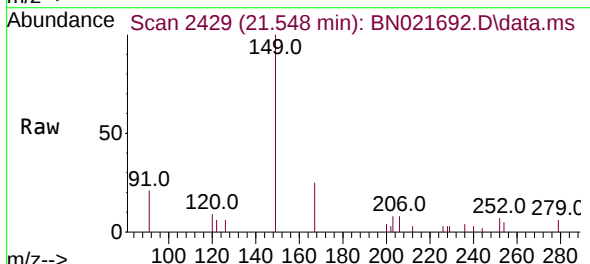
Tgt Ion:244 Resp: 14554
 Ion Ratio Lower Upper
 244 100
 212 10.0 6.5 9.7
 122 21.8 9.1 13.7

Manual Integrations
 APPROVED

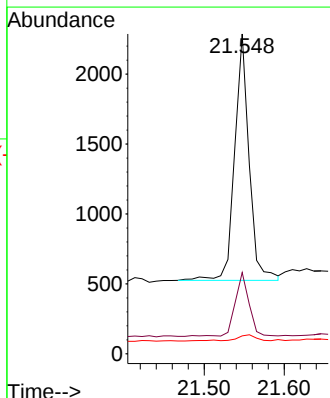
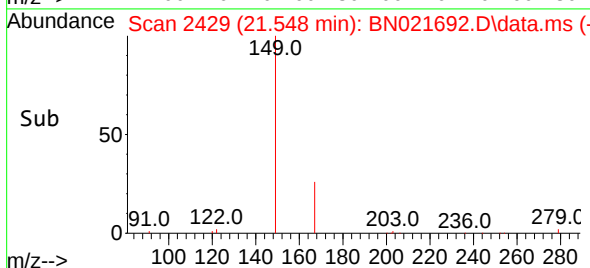
Reviewed By :Christian Giraldo 09/12/2022
 Supervised By :Jagrut Upadhyay 09/12/2022

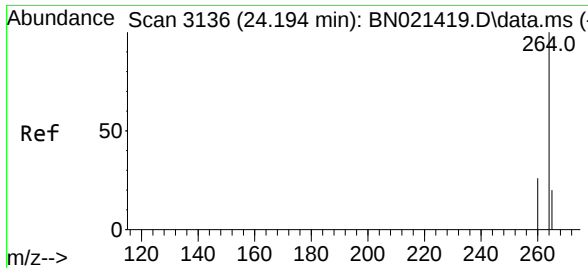


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.114 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. -0.000 min
 Lab File: BN021692.D
 Acq: 10 Sep 2022 10:57



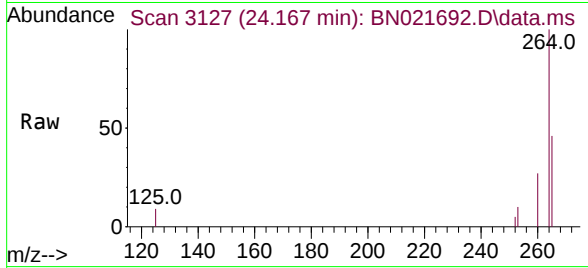
Tgt Ion:149 Resp: 2210
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.4 32.0
 279 3.4 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.167 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN021692.D
 Acq: 10 Sep 2022 10:57

Instrument :
 BNA_N
 ClientSampleId :
 FB-090222



Tgt Ion: 264 Resp: 11390

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.0	31.6
265	46.1	32.2	48.2

Manual Integrations
 APPROVED

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

