

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021588.D
 Acq On : 03 Sep 2022 09:20
 Operator : CG/JU
 Sample : N4471-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122

Quant Time: Sep 05 02:37:29 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 02 00:53:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5090	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	17070	0.400	ng	# 0.00
13) Acenaphthene-d10	14.718	164	9729	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	20845	0.400	ng	0.00
29) Chrysene-d12	21.655	240	14613	0.400	ng	# 0.00
35) Perylene-d12	24.170	264	10770	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1757	0.176	ng	0.00
5) Phenol-d6	7.217	99	1295	0.102	ng	0.00
8) Nitrobenzene-d5	9.233	82	3459m	0.300	ng	-0.01
11) 2-Methylnaphthalene-d10	12.478	152	12250	0.318	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1257	0.394	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	14506	0.341	ng	0.00
27) Fluoranthene-d10	19.497	212	19475	0.363	ng	0.00
31) Terphenyl-d14	20.088	244	16169	0.492	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	6112	0.960	ng	# 76
9) Naphthalene	10.941	128	5350	0.106	ng	97
17) Acenaphthene	14.782	154	940	0.029	ng	98
25) Phenanthrene	17.511	178	2455	0.034	ng	99
34) Bis(2-ethylhexyl)phtha...	21.548	149	2782	0.136	ng	# 96

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

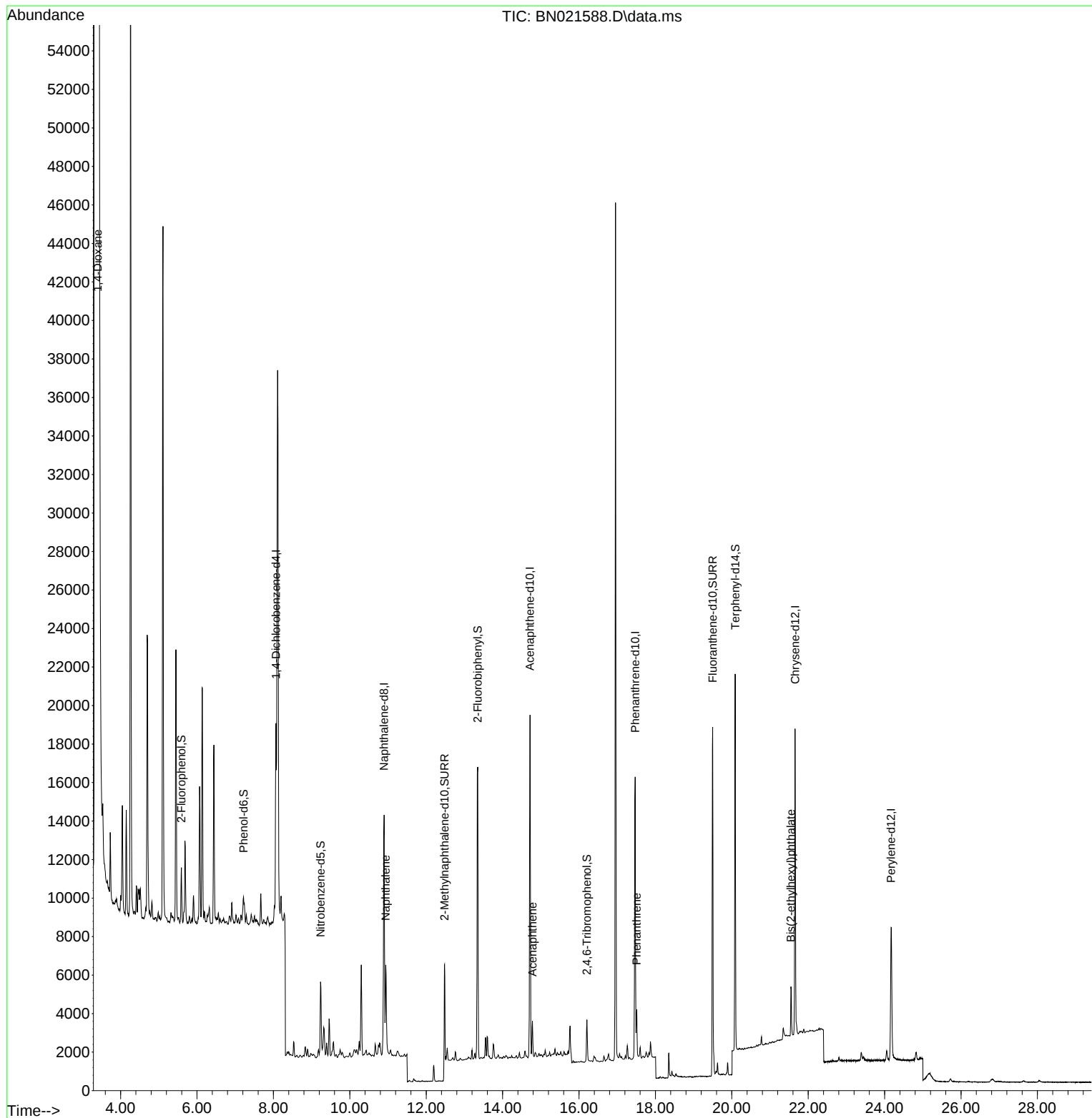
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021588.D
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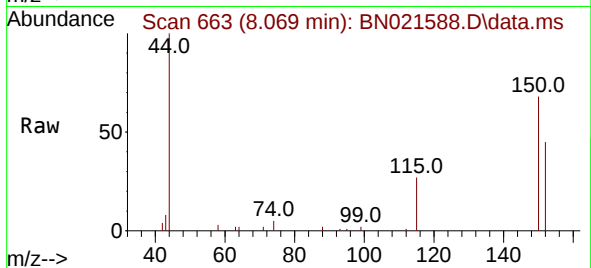
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

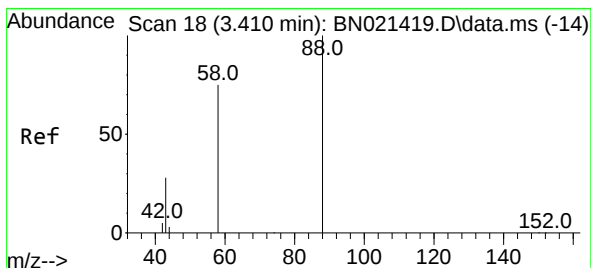
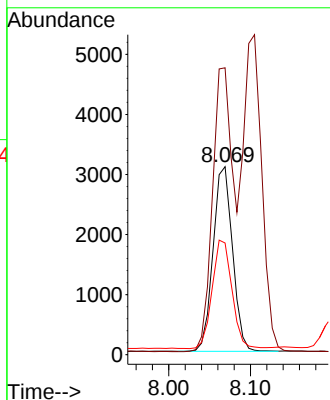
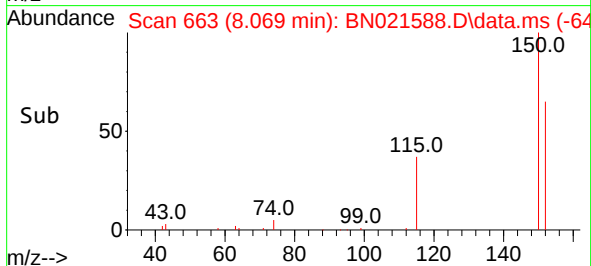
Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122



Tgt Ion: 152 Resp: 5090
Ion Ratio Lower Upper
152 100
150 152.6 121.4 182.0
115 59.4 48.6 72.8

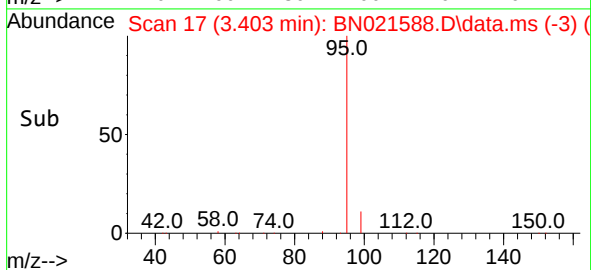
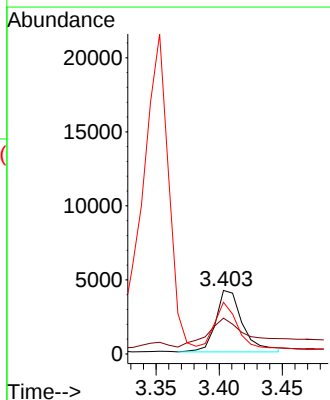
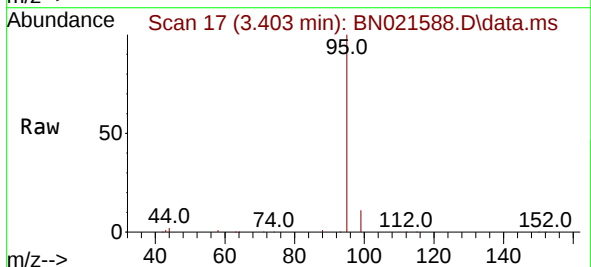
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#2
1,4-Dioxane
Concen: 0.960 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion: 88 Resp: 6112
Ion Ratio Lower Upper
88 100
43 69.5 35.8 53.8#
58 59.3 57.1 85.7





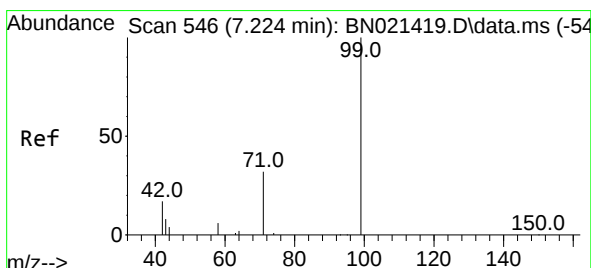
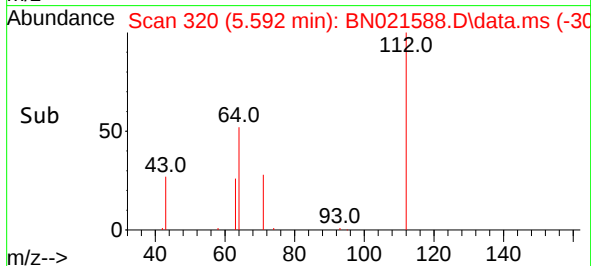
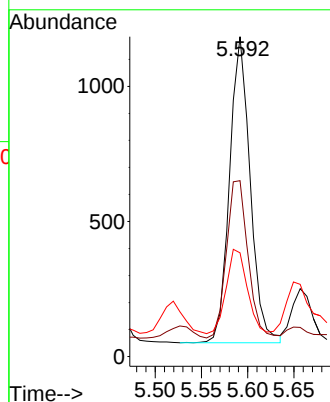
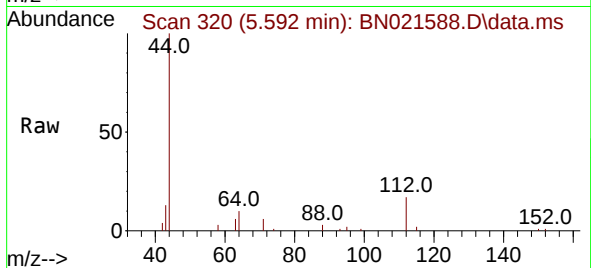
#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122

Tgt Ion: 112 Resp: 175
Ion Ratio Lower Upper
112 100
64 53.6 43.5 65.3
63 28.0 22.6 34.0

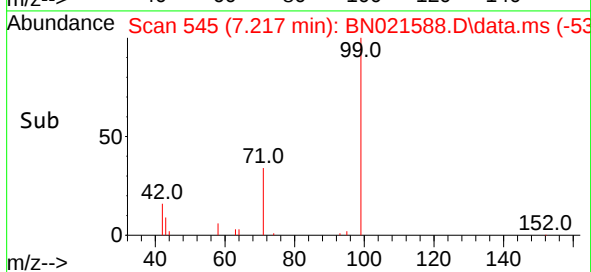
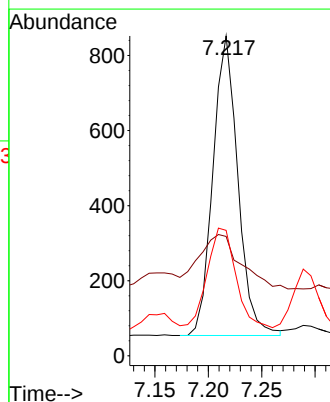
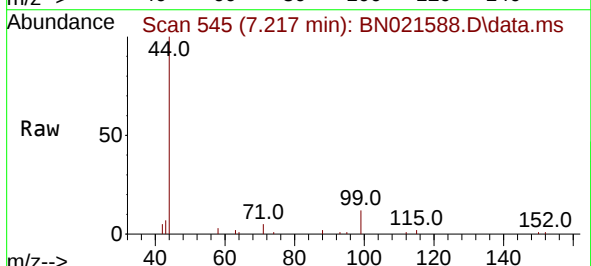
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#5
Phenol-d6
Concen: 0.102 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

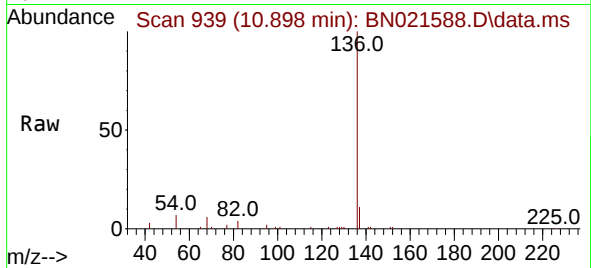
Tgt Ion: 99 Resp: 1295
Ion Ratio Lower Upper
99 100
42 30.4 15.5 23.3#
71 38.6 24.2 36.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

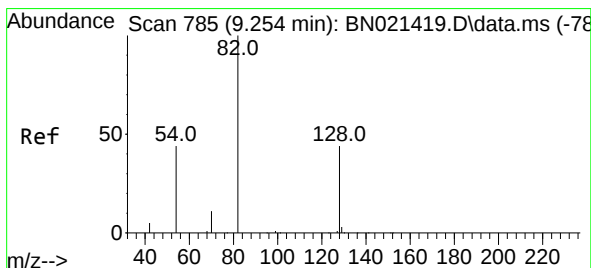
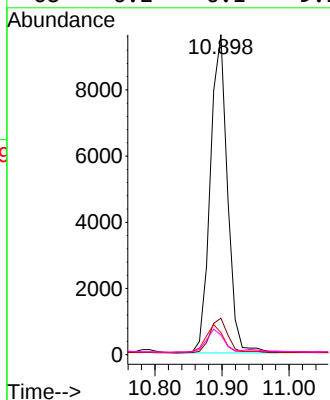
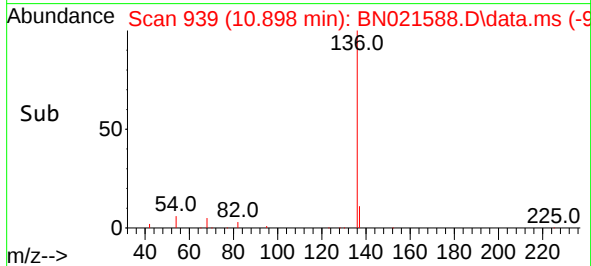
Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122



Tgt Ion:136 Resp: 17070
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 6.9 6.9 10.3
68 6.2 6.1 9.1

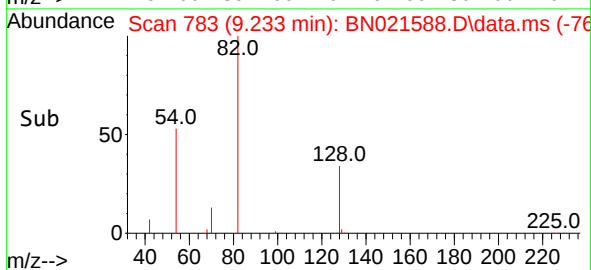
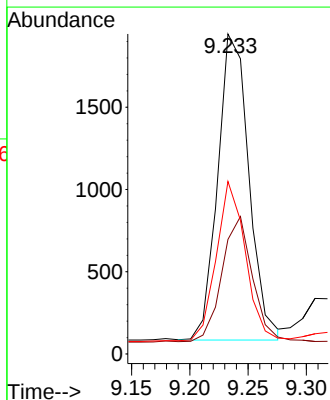
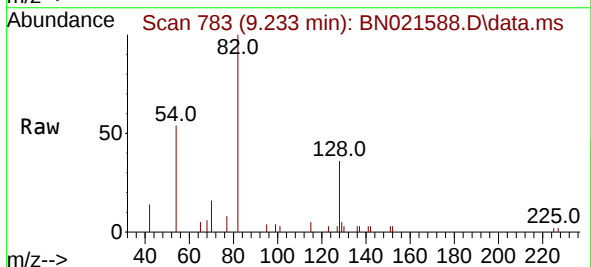
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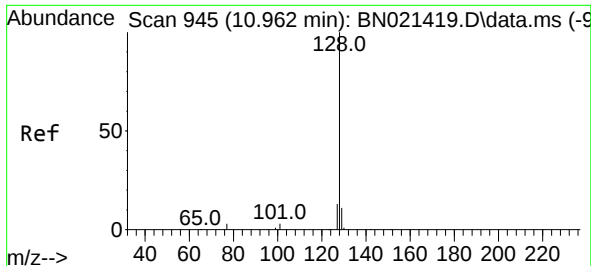
Reviewed By :Christian Giraldo 09/06/2022
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#8
Nitrobenzene-d5
Concen: 0.300 ng m
RT: 9.233 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion: 82 Resp: 3459
Ion Ratio Lower Upper
82 100
128 35.8 30.9 46.3
54 53.9 42.7 64.1





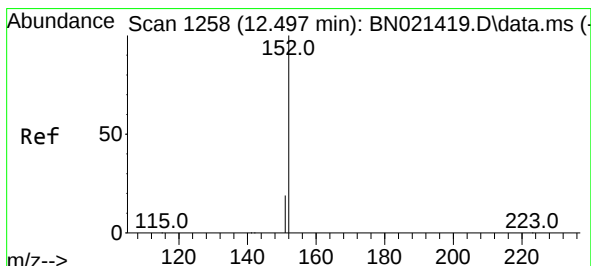
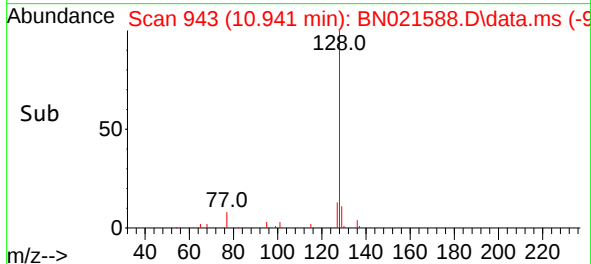
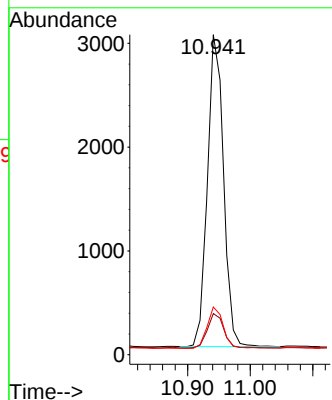
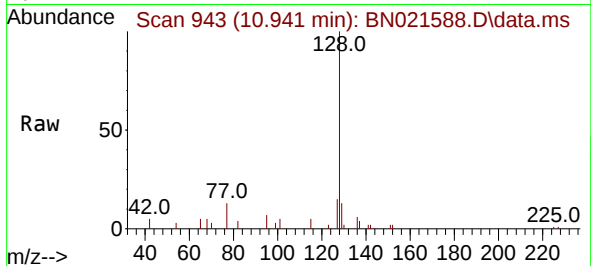
#9
Naphthalene
Concen: 0.106 ng
RT: 10.941 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122

Tgt Ion:128 Resp: 5350
Ion Ratio Lower Upper
128 100
129 12.8 9.3 13.9
127 14.9 11.0 16.4

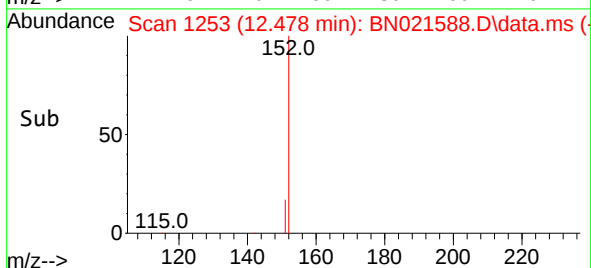
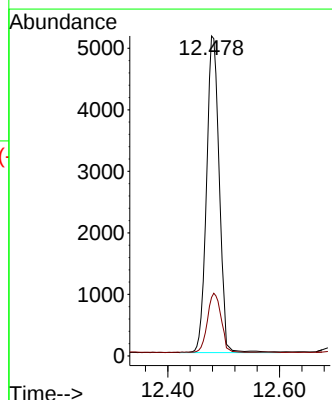
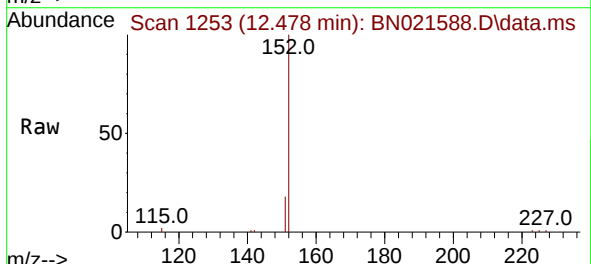
Manual Integrations
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#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.478 min Scan# 1253
Delta R.T. -0.007 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

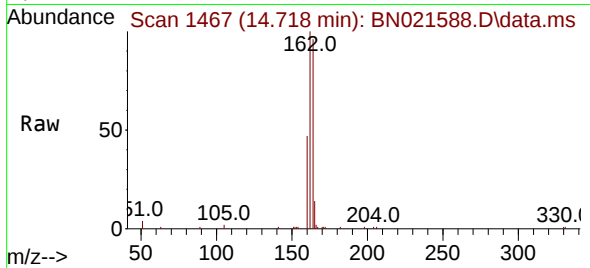
Tgt Ion:152 Resp: 12250
Ion Ratio Lower Upper
152 100
151 18.2 14.5 21.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

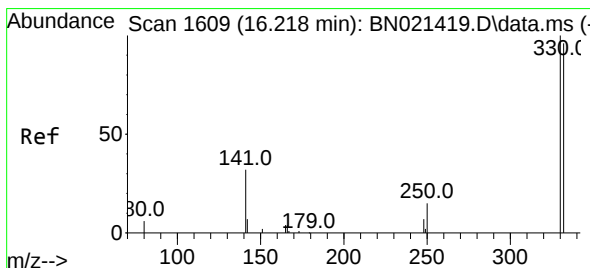
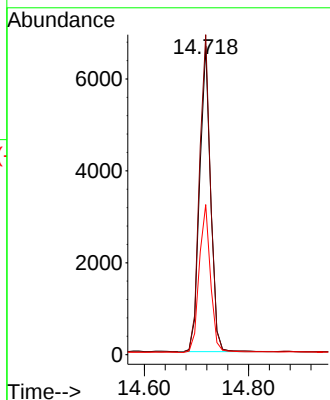
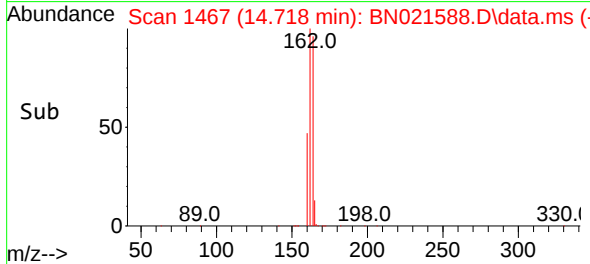
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ClientSampleId :
MW-06-1.5-11.5-083122



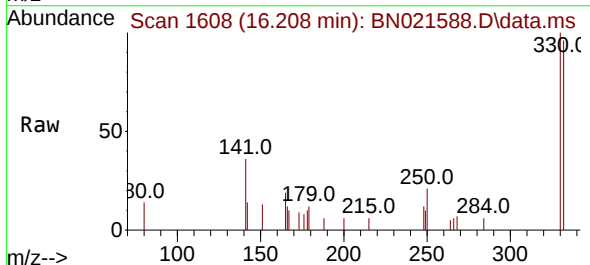
Tgt Ion:164 Resp: 9729
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.4
160 48.7 39.5 59.3

Manual Integrations
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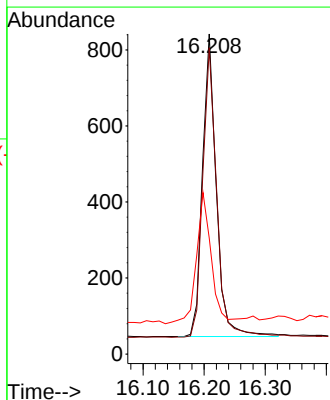
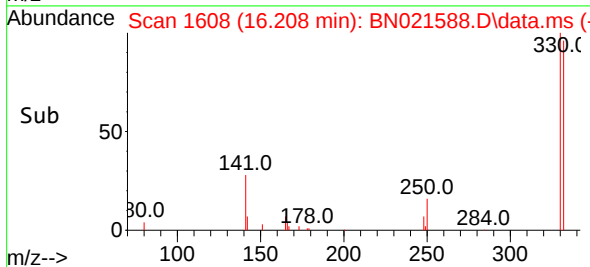
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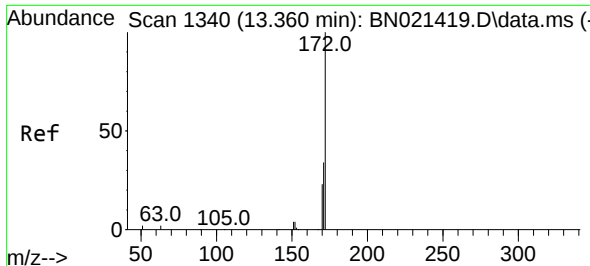


#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20



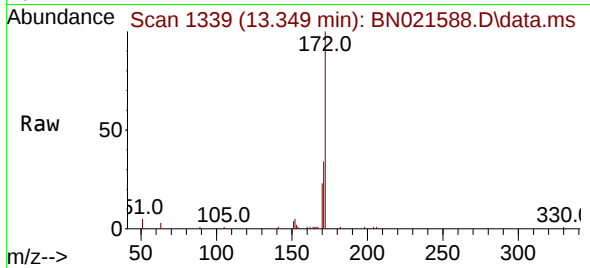
Tgt Ion:330 Resp: 1257
Ion Ratio Lower Upper
330 100
332 97.3 79.3 118.9
141 46.1 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

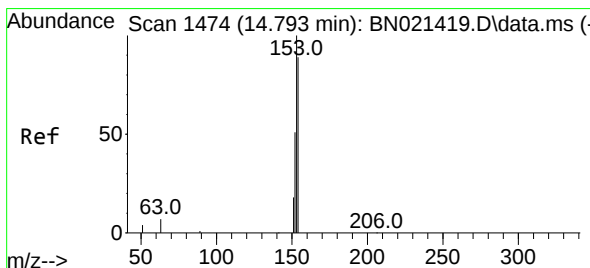
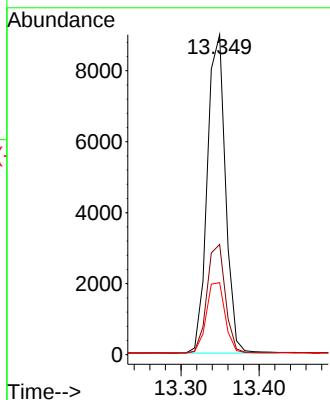
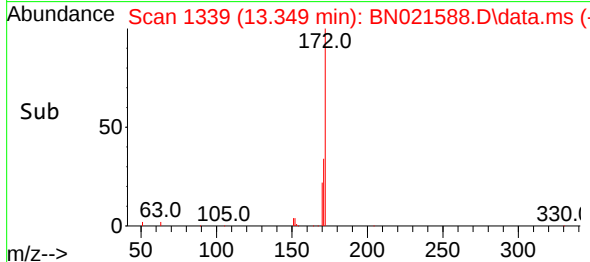
Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122



Tgt Ion:172 Resp: 14500
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 22.5 18.6 28.0

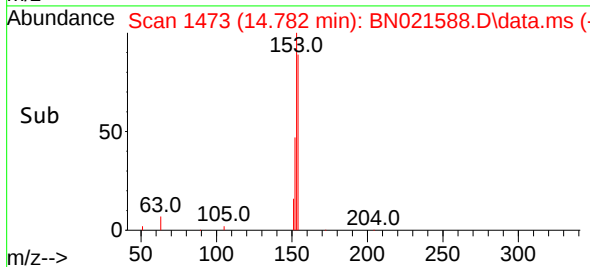
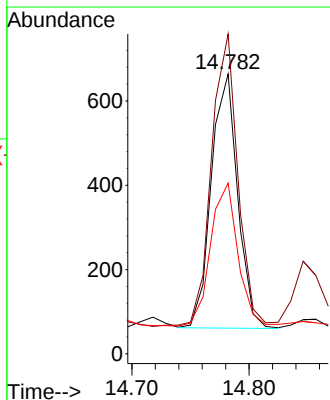
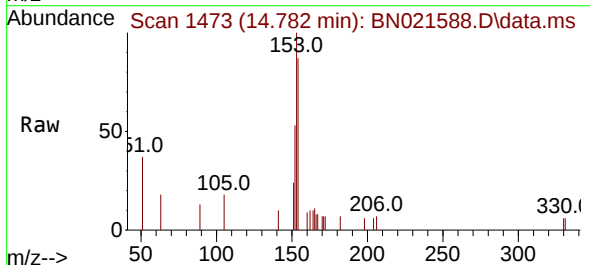
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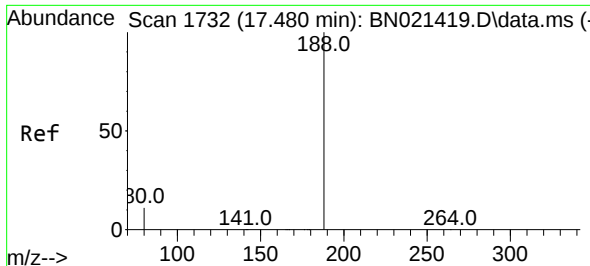
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#17
Acenaphthene
Concen: 0.029 ng
RT: 14.782 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

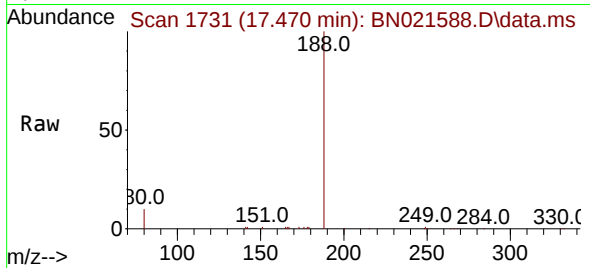
Tgt Ion:154 Resp: 940
Ion Ratio Lower Upper
154 100
153 114.9 89.5 134.3
152 57.7 45.5 68.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

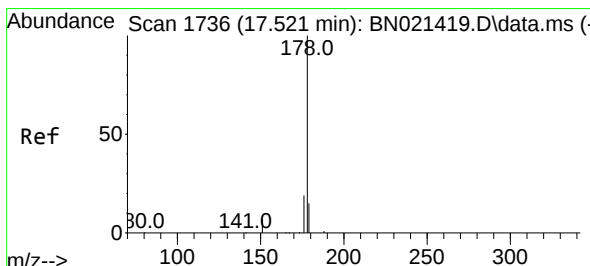
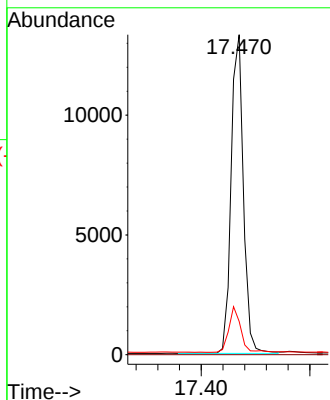
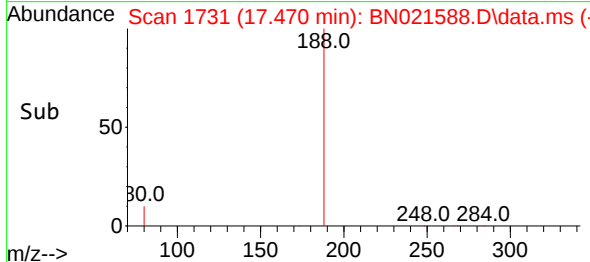
Instrument :
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MW-06-1.5-11.5-083122



Tgt Ion:188 Resp: 2084
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.5 14.3

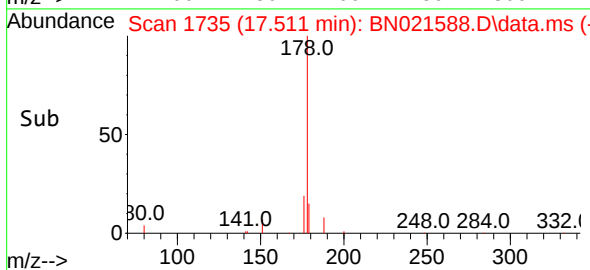
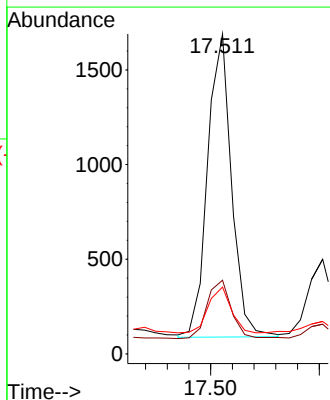
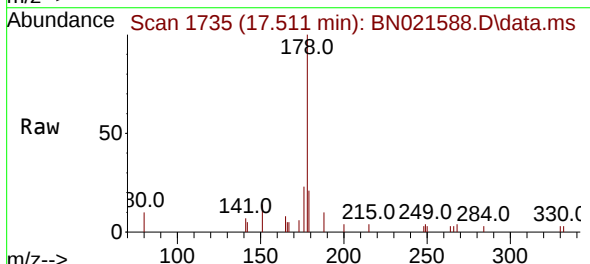
Manual Integrations
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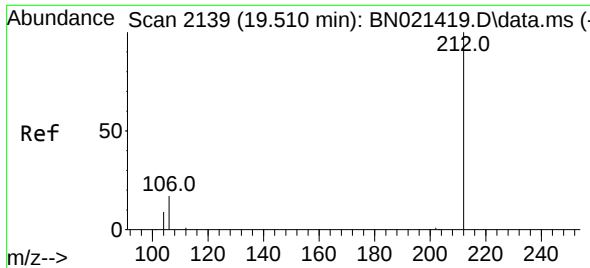
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#25
Phenanthrene
Concen: 0.034 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

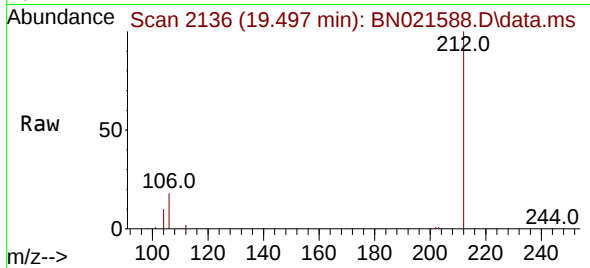
Tgt Ion:178 Resp: 2455
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 14.7 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

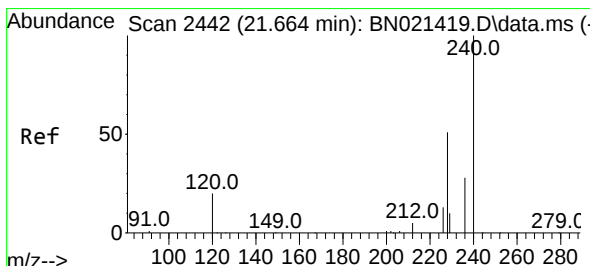
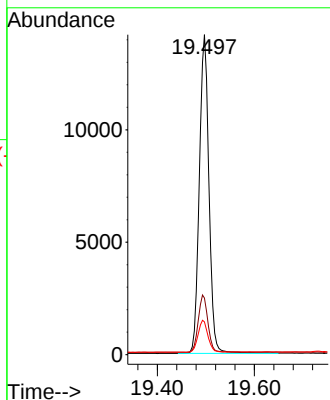
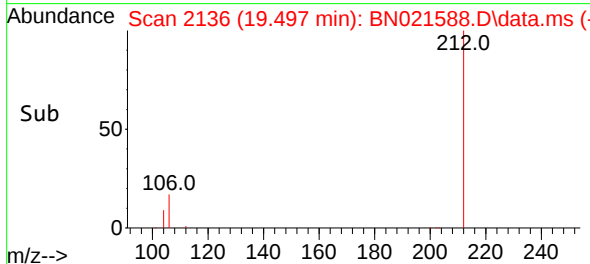
Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122



Tgt Ion:212 Resp: 19475
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.2 7.8 11.6

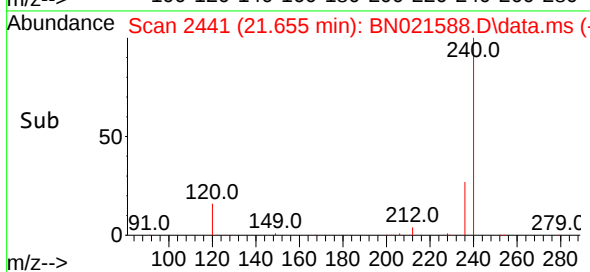
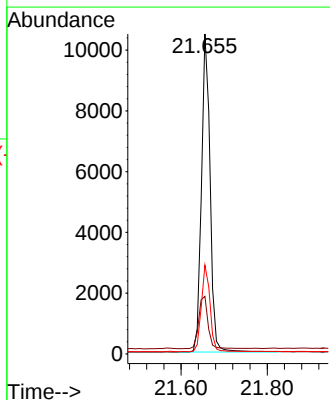
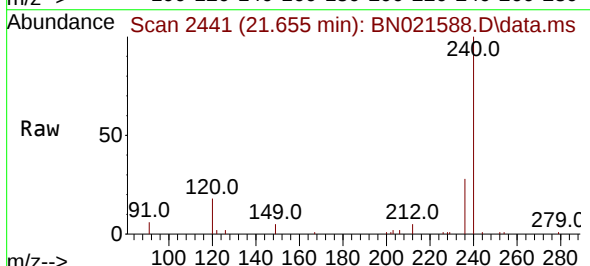
Manual Integrations
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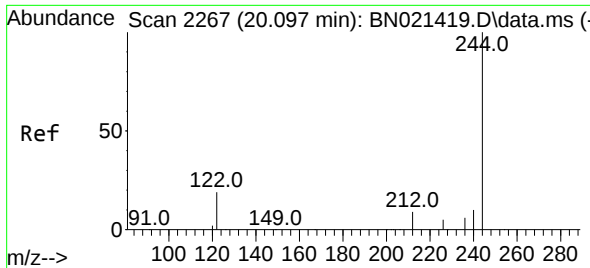
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

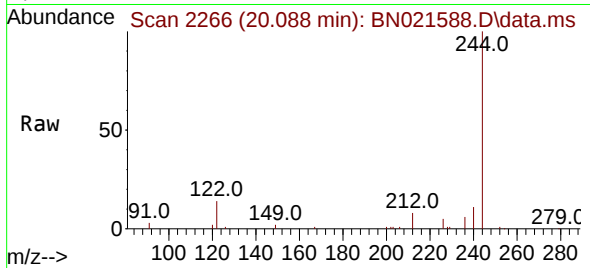
Tgt Ion:240 Resp: 14613
Ion Ratio Lower Upper
240 100
120 18.0 10.2 15.4#
236 27.8 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.492 ng
 RT: 20.088 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN021588.D
 Acq: 03 Sep 2022 09:20

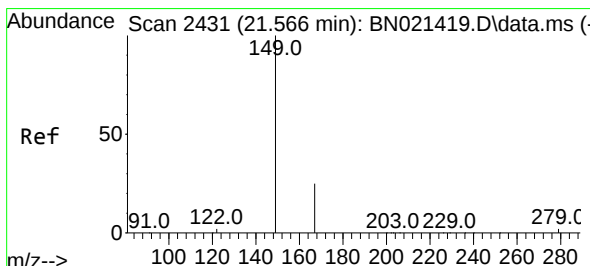
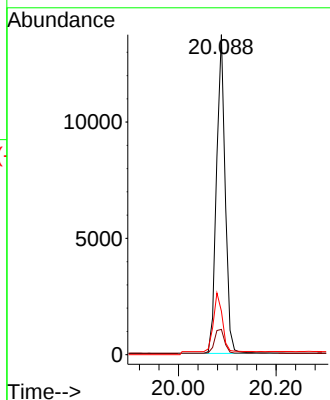
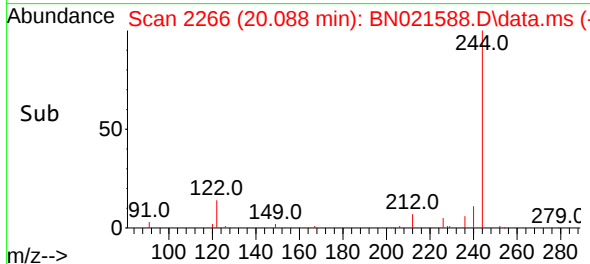
Instrument :
 BNA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122



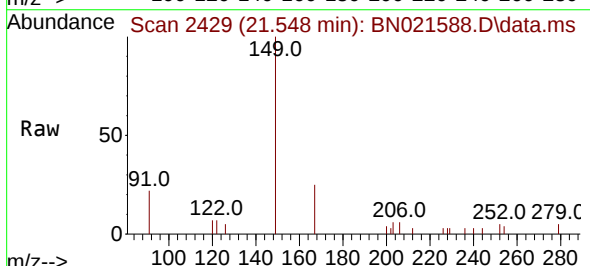
Tgt Ion:244 Resp: 16169
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 13.6 9.1 13.7

Manual Integrations
 APPROVED

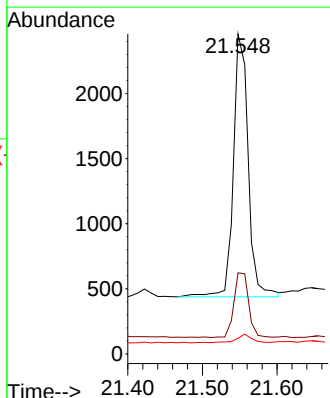
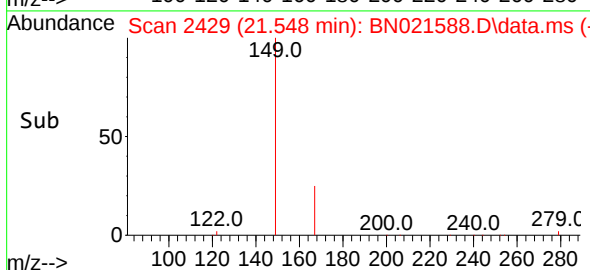
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

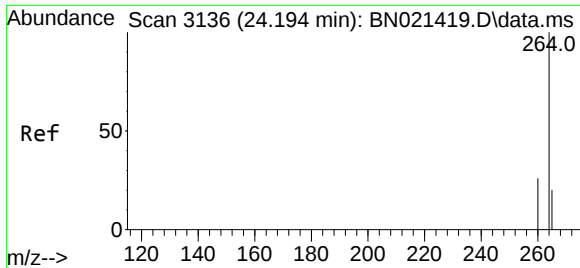


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. -0.009 min
 Lab File: BN021588.D
 Acq: 03 Sep 2022 09:20



Tgt Ion:149 Resp: 2782
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.4 32.0
 279 3.5 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.170 min Scan# 31

Delta R.T. -0.014 min

Lab File: BN021588.D

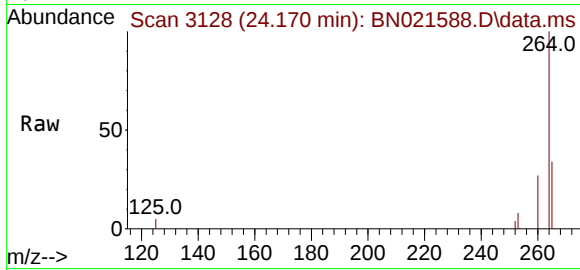
Acq: 03 Sep 2022 09:20

Instrument :

BNA_N

ClientSampleId :

MW-06-1.5-11.5-083122



Tgt Ion:264 Resp: 10770

Ion Ratio Lower Upper

264 100

260 26.7 21.0 31.6

265 34.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022

