

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017787.D
 Acq On : 08 Dec 2021 06:46
 Operator : CG/JU
 Sample : M4918-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-42

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 00:03:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19939	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	80549	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	60256	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	117599	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	115944	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	115276	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7982	0.166	ng	0.00
5) Phenol-d6	6.913	99	10089	0.221	ng	0.00
8) Nitrobenzene-d5	8.859	82	25047m	0.467	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	44426	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	15396	0.489	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	83487	0.378	ng	0.00
27) Fluoranthene-d10	19.130	212	131610	0.335	ng	0.00
31) Terphenyl-d14	19.730	244	122577	0.492	ng	0.00
Target Compounds						
9) Naphthalene	10.545	128	6176	0.029	ng	# 89
12) 2-Methylnaphthalene	12.161	142	4443	0.029	ng	# 89
24) Pentachlorophenol	16.752	266	445	0.294	ng	94
25) Phenanthrene	17.129	178	18614m	0.060	ng	
28) Fluoranthene	19.159	202	33458	0.089	ng	97
34) Bis(2-ethylhexyl)phtha...	21.219	149	167295	1.034	ng	99

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

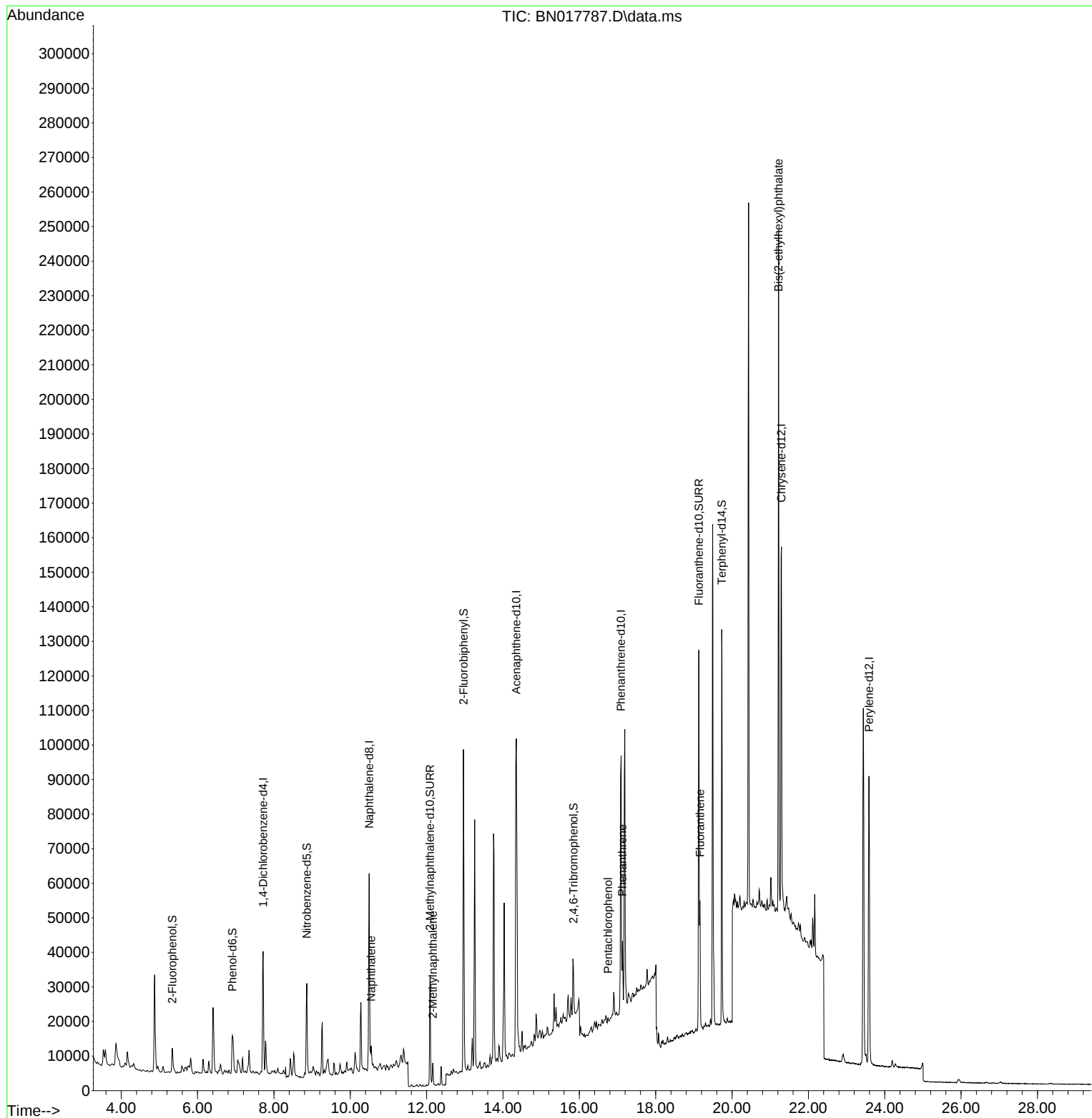
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017787.D
Acq On : 08 Dec 2021 06:46
Operator : CG/JU
Sample : M4918-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

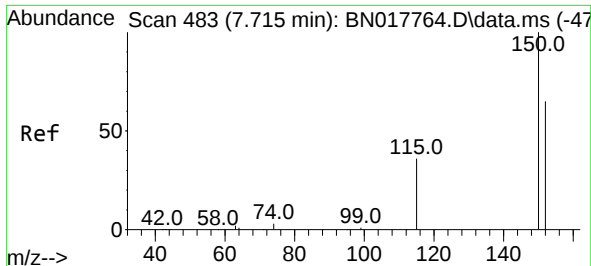
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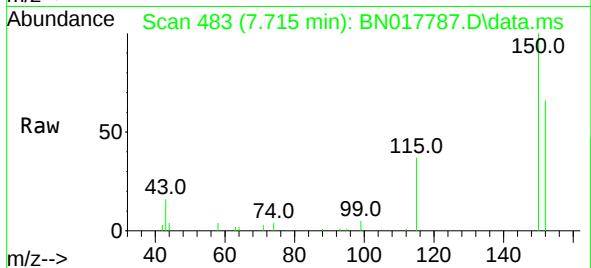
Quant Time: Dec 09 00:03:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

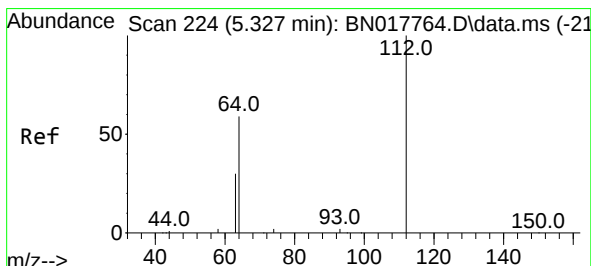
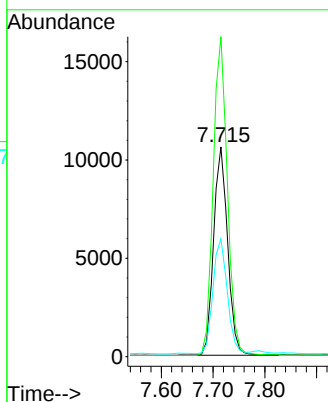
Instrument :
BNA_N
ClientSampleId :
MW-42



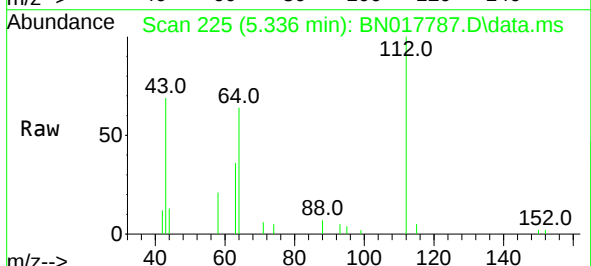
Tgt Ion:152 Resp: 19939
Ion Ratio Lower Upper
152 100
150 152.6 123.0 184.4
115 56.3 45.3 67.9

Manual Integrations
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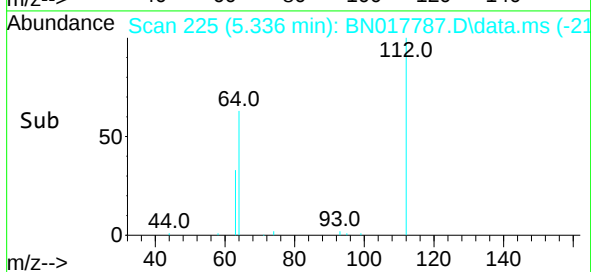
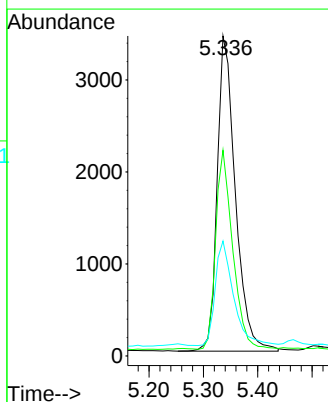
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

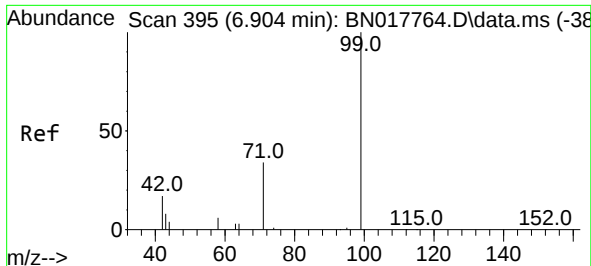


#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46



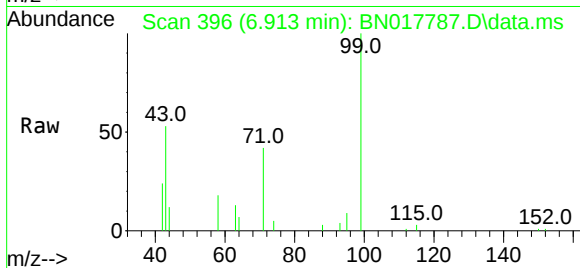
Tgt Ion:112 Resp: 7982
Ion Ratio Lower Upper
112 100
64 59.1 49.3 73.9
63 33.4 25.8 38.8





#5
Phenol-d6
Concen: 0.221 ng
RT: 6.913 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

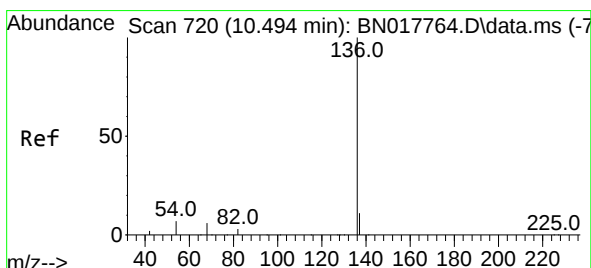
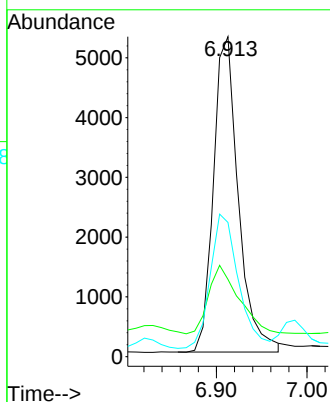
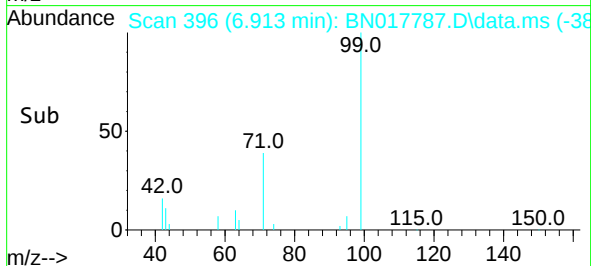
Instrument :
BNA_N
ClientSampleId :
MW-42



Tgt Ion: 99 Resp: 10089
Ion Ratio Lower Upper
99 100
42 26.5 16.6 25.0
71 48.3 29.0 43.4

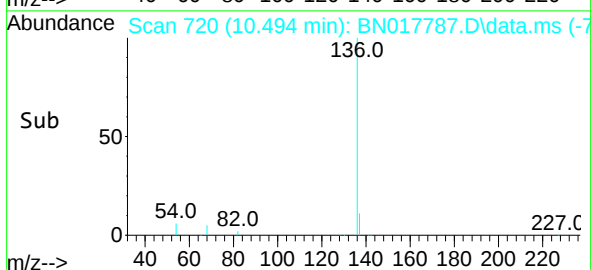
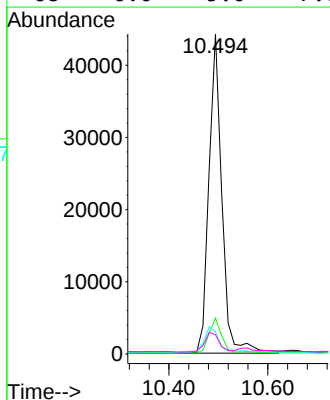
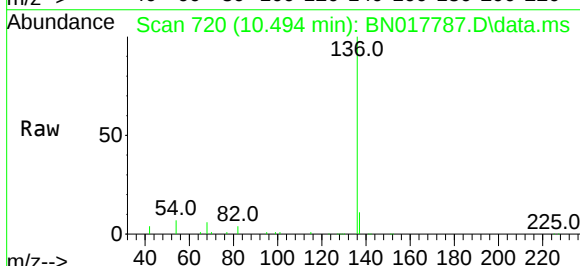
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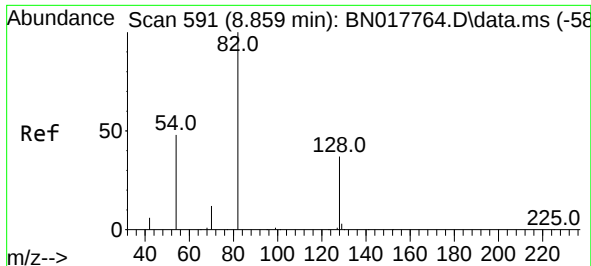
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

Tgt Ion:136 Resp: 80549
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.0 5.9 8.9
68 6.0 5.0 7.6





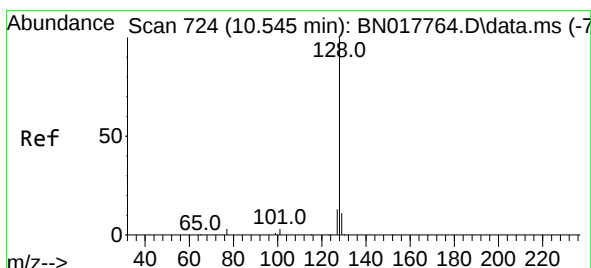
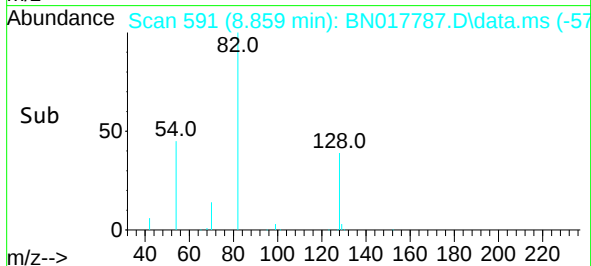
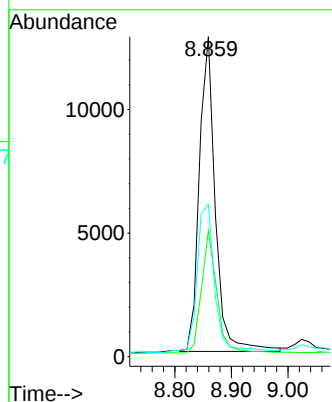
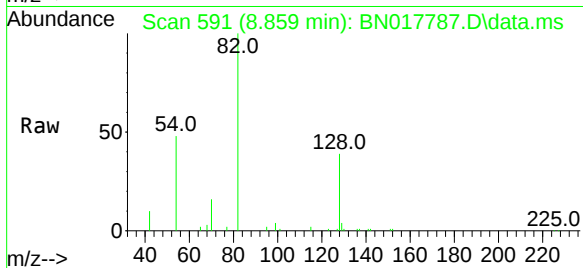
#8
Nitrobenzene-d5
Concen: 0.467 ng m
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

Instrument :
BNA_N
ClientSampleId :
MW-42

Tgt Ion: 82 Resp: 2504
Ion Ratio Lower Upper
82 100
128 39.5 30.2 45.2
54 47.6 39.0 58.6

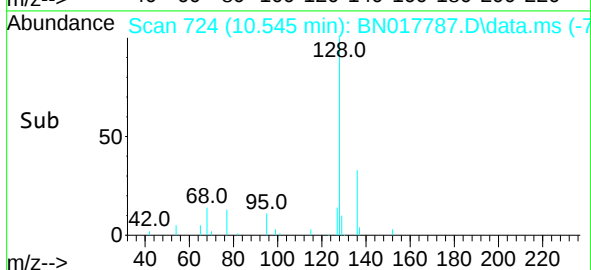
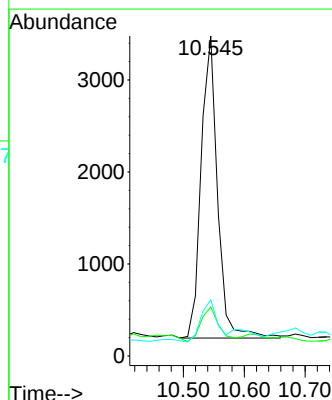
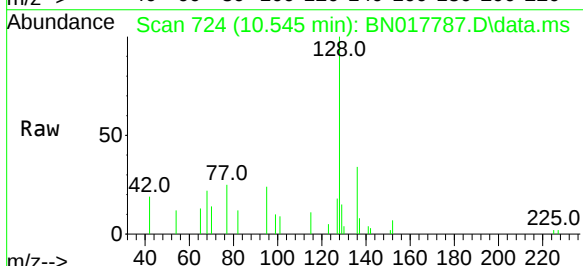
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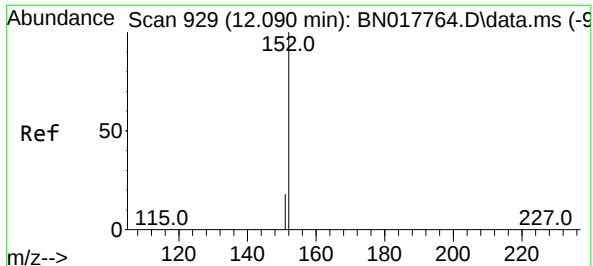
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 0.029 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

Tgt Ion:128 Resp: 6176
Ion Ratio Lower Upper
128 100
129 15.4 8.8 13.2#
127 17.6 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.276 ng

RT: 12.090 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017787.D

Acq: 08 Dec 2021 06:46

Instrument :

BNA_N

ClientSampleId :

MW-42

Tgt Ion:152 Resp: 44420

Ion Ratio Lower Upper

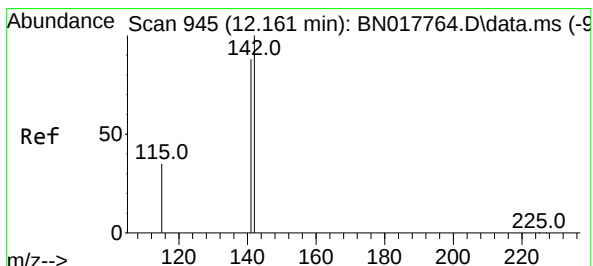
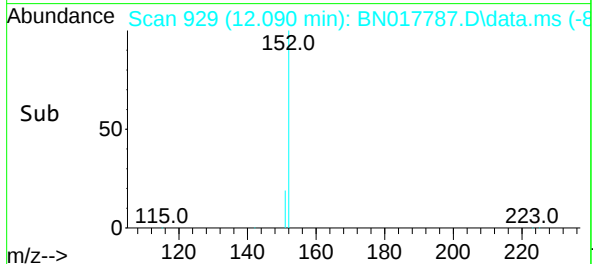
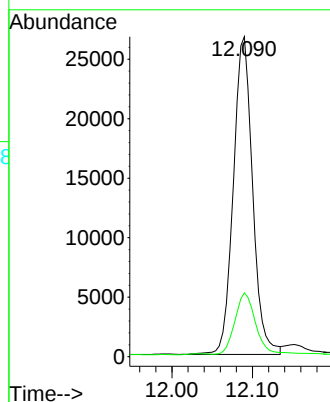
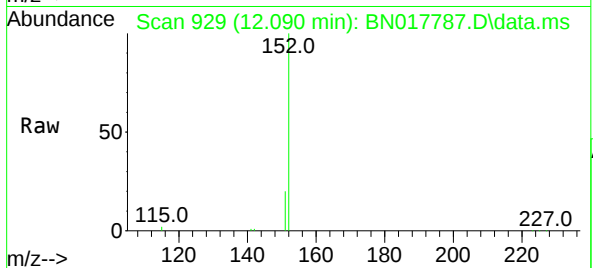
152 100

151 21.0 16.4 24.6

Manual Integrations

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Supervised By :mohammad ahmed 12/15/2021



#12

2-Methylnaphthalene

Concen: 0.029 ng

RT: 12.161 min Scan# 945

Delta R.T. -0.000 min

Lab File: BN017787.D

Acq: 08 Dec 2021 06:46

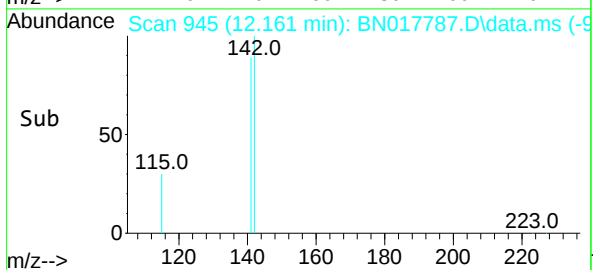
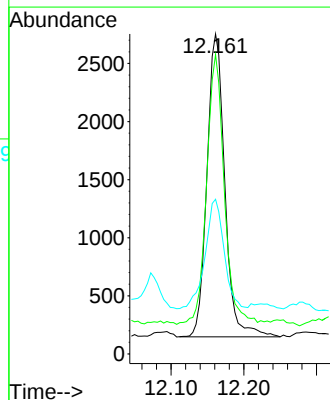
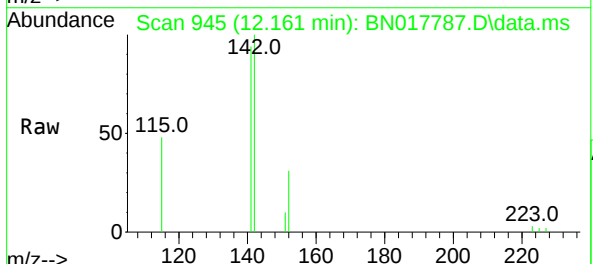
Tgt Ion:142 Resp: 4443

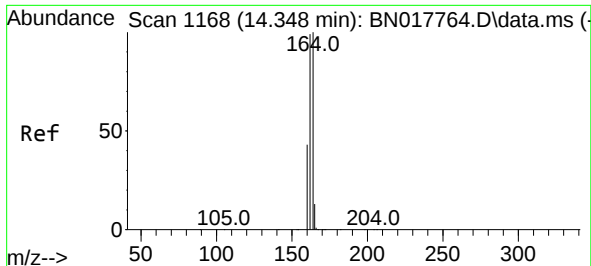
Ion Ratio Lower Upper

142 100

141 93.6 70.5 105.7

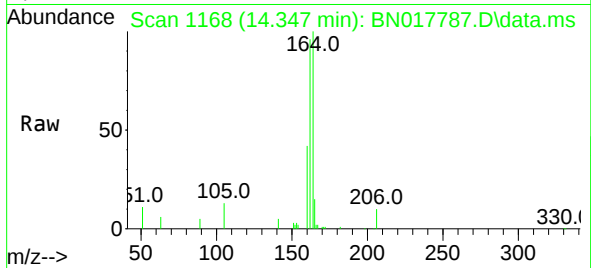
115 48.3 28.0 42.0#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

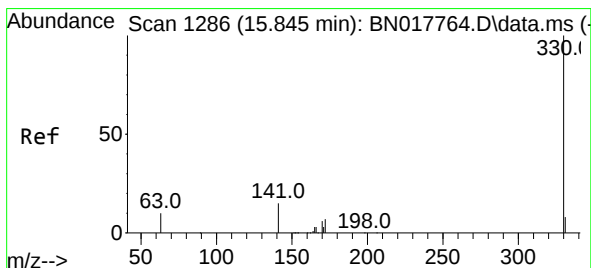
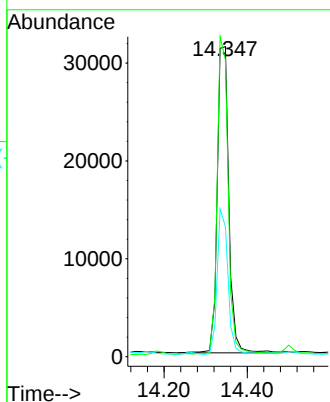
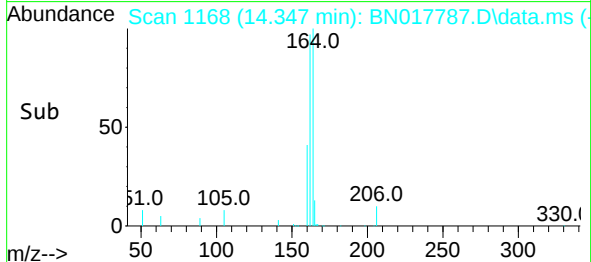
Instrument :
BNA_N
ClientSampleId :
MW-42



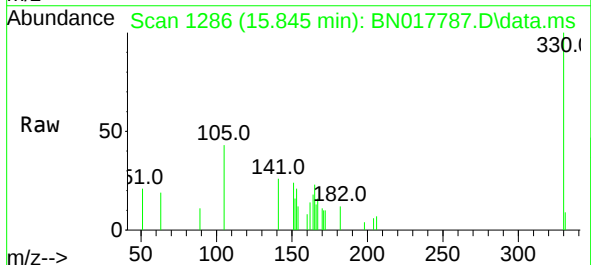
Tgt Ion:164 Resp: 60250
Ion Ratio Lower Upper
164 100
162 95.7 79.0 118.6
160 42.0 34.6 52.0

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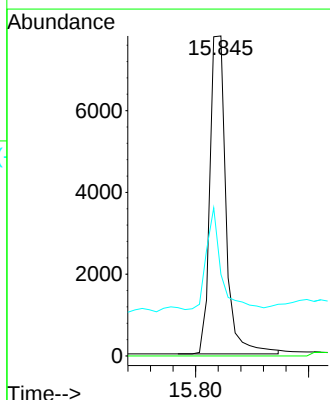
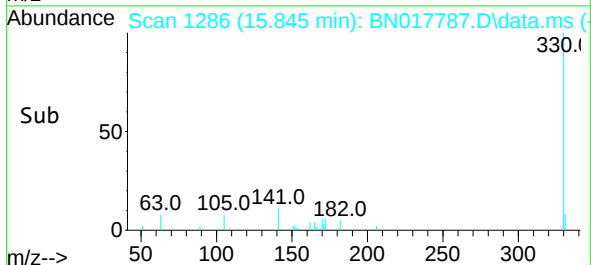
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

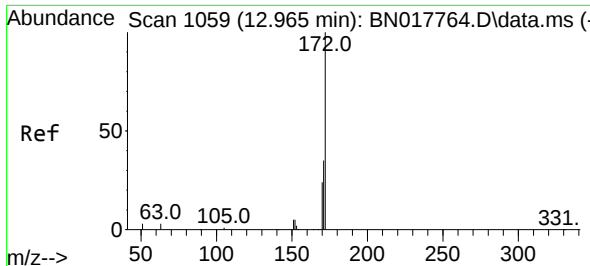


#14
2,4,6-Tribromophenol
Concen: 0.489 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46



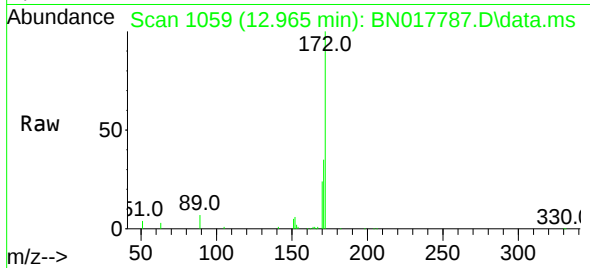
Tgt Ion:330 Resp: 15396
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.1 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.965 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

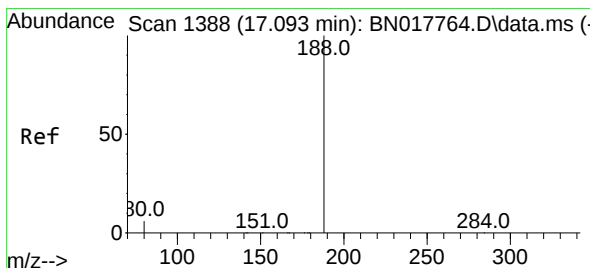
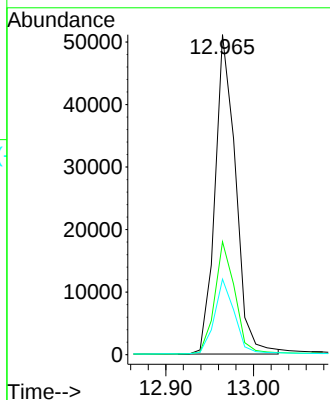
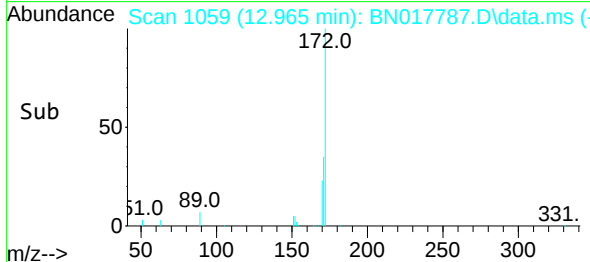
Instrument :
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MW-42



Tgt Ion:172 Resp: 8348
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 18.9 28.3

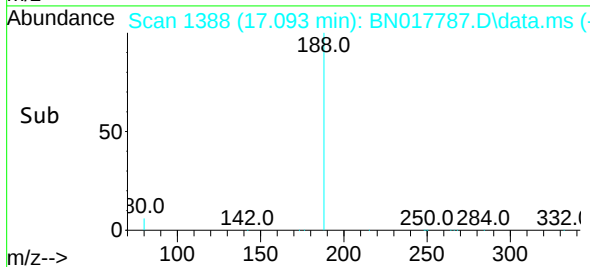
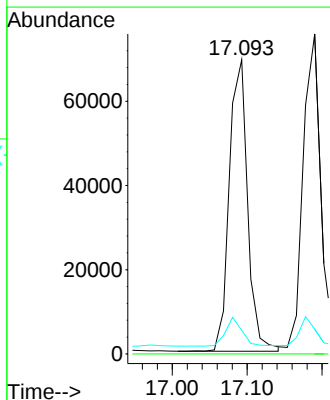
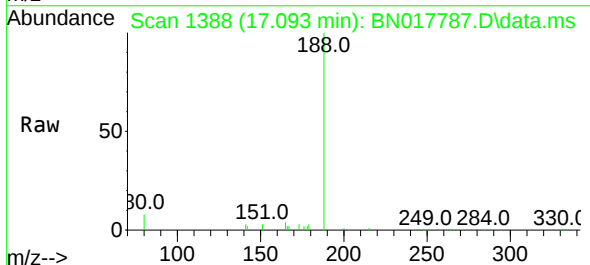
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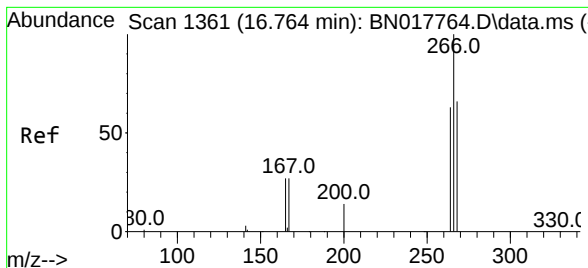
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

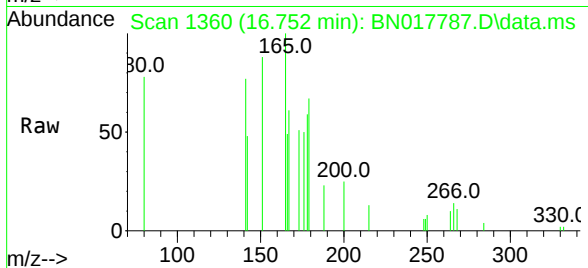
Tgt Ion:188 Resp: 117599
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 5.1 7.7#





#24
Pentachlorophenol
Concen: 0.294 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

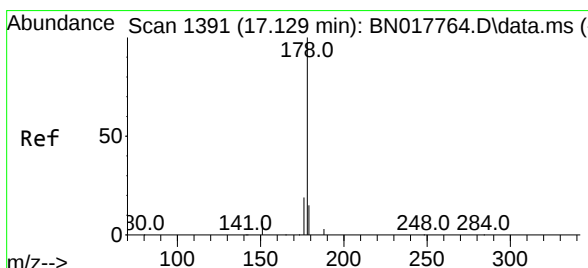
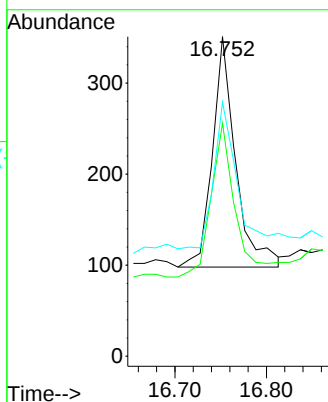
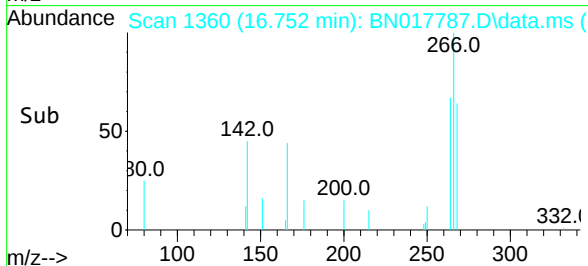
Instrument :
BNA_N
ClientSampleId :
MW-42



Tgt Ion:266 Resp: 449
Ion Ratio Lower Upper
266 100
264 69.0 50.8 76.2
268 69.2 51.8 77.6

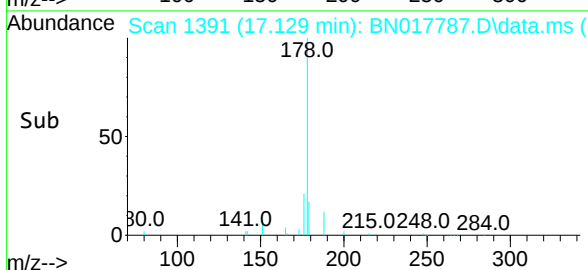
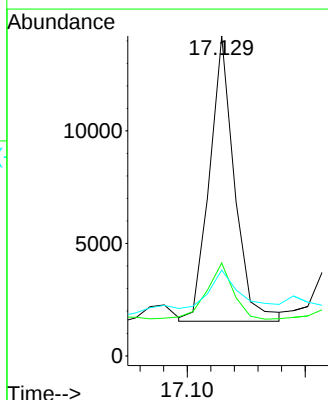
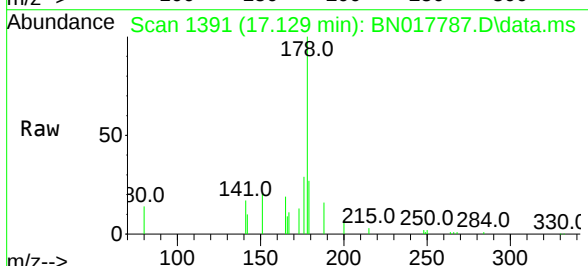
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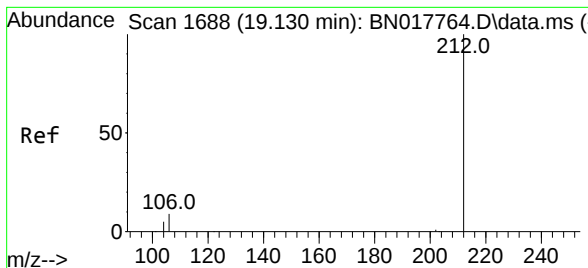
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#25
Phenanthrene
Concen: 0.060 ng m
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

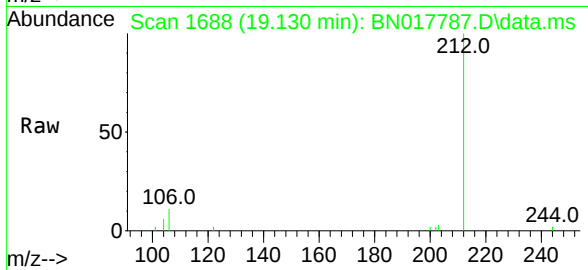
Tgt Ion:178 Resp: 18614
Ion Ratio Lower Upper
178 100
176 22.6 15.0 22.6#
179 30.9 12.5 18.7#





#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.130 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

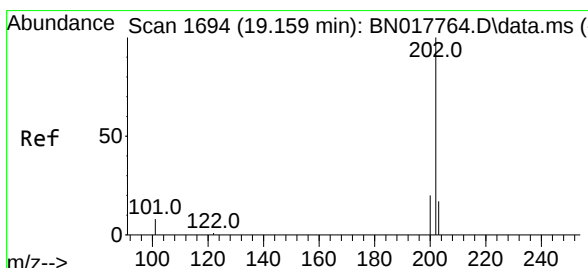
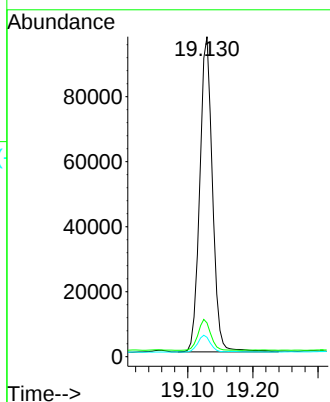
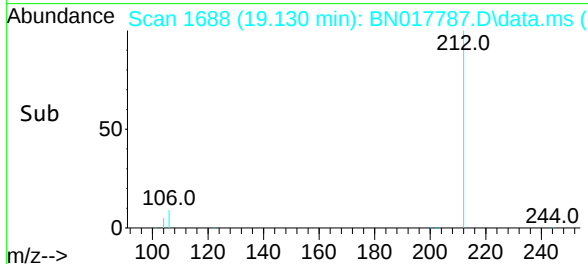
Instrument :
BNA_N
ClientSampleId :
MW-42



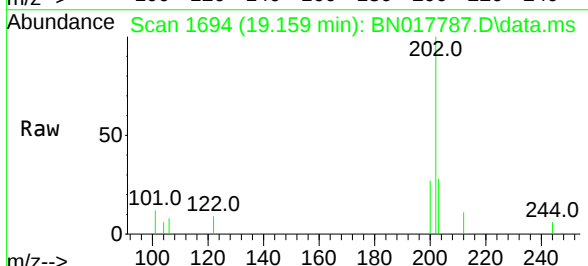
Tgt Ion:212 Resp: 131610
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.3 4.6 6.8

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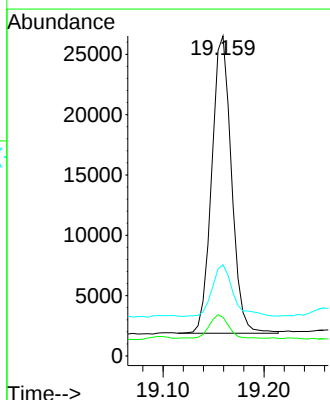
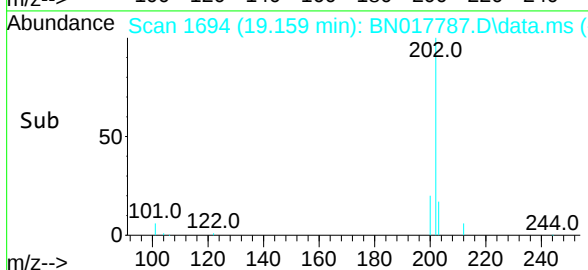
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

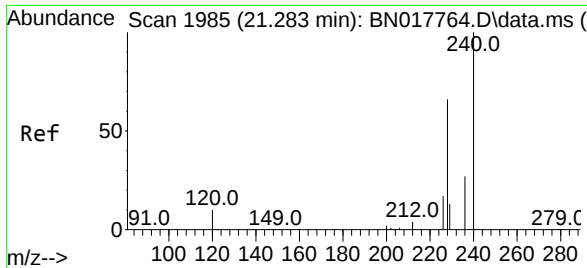


#28
Fluoranthene
Concen: 0.089 ng
RT: 19.159 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46



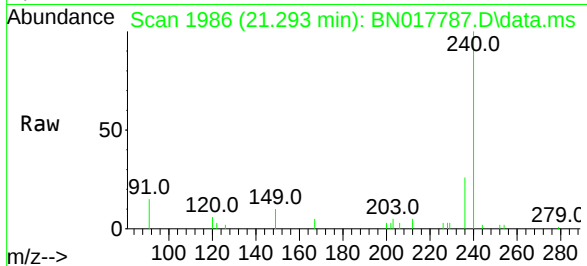
Tgt Ion:202 Resp: 33458
Ion Ratio Lower Upper
202 100
101 7.8 7.2 10.8
203 18.7 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.011 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

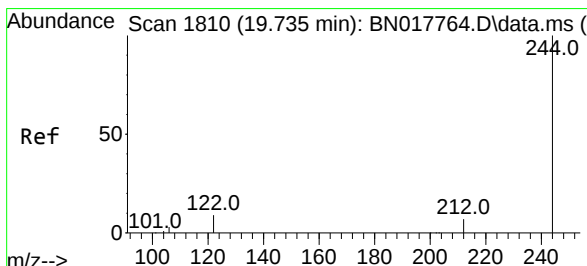
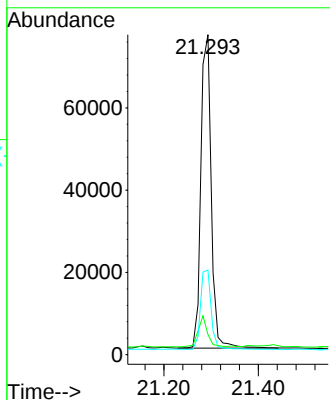
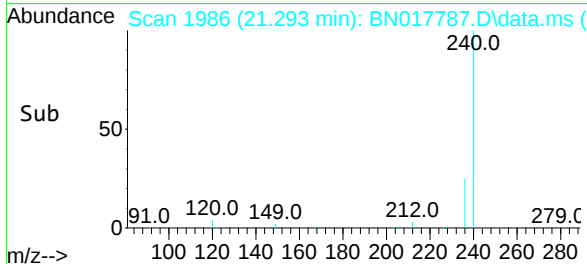
Instrument :
BNA_N
ClientSampleId :
MW-42



Tgt Ion:240 Resp: 115944
Ion Ratio Lower Upper
240 100
120 6.3 7.9 11.9#
236 26.5 21.4 32.2

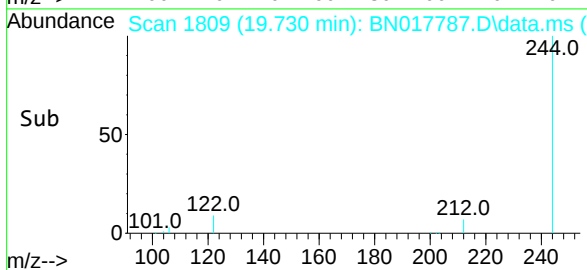
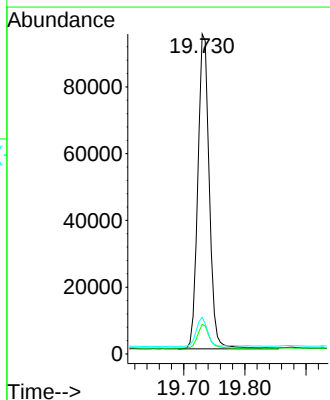
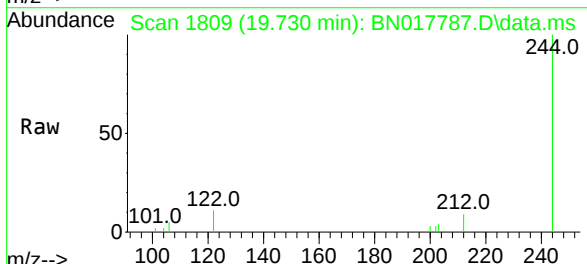
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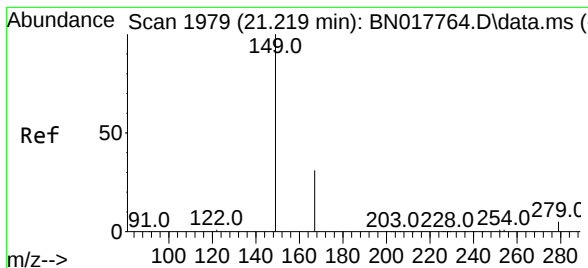
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#31
Terphenyl-d14
Concen: 0.492 ng
RT: 19.730 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

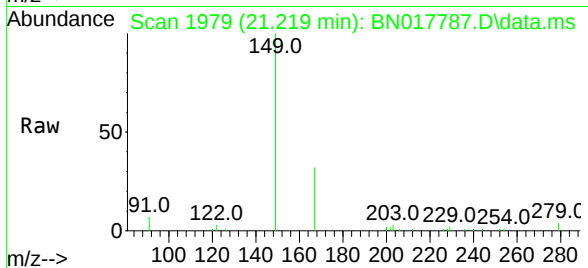
Tgt Ion:244 Resp: 122577
Ion Ratio Lower Upper
244 100
212 9.3 5.8 8.8#
122 11.5 7.1 10.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 1.034 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46

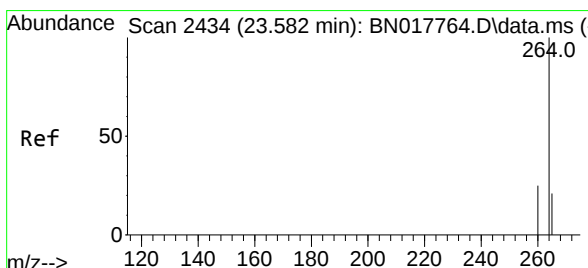
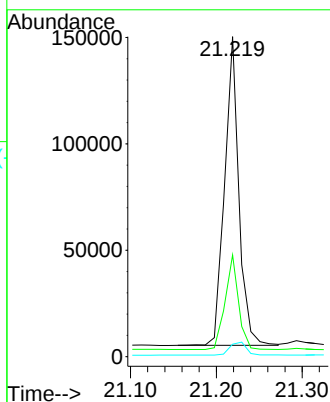
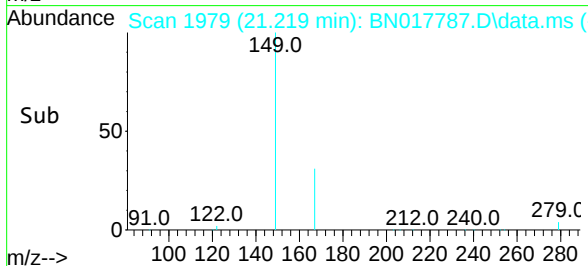
Instrument :
BNA_N
ClientSampleId :
MW-42



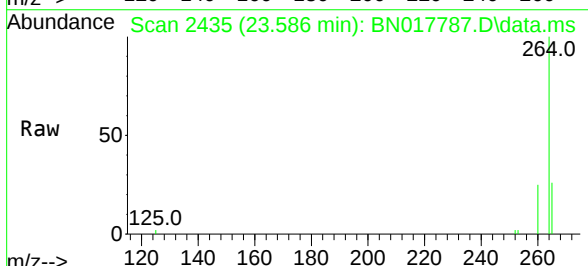
Tgt Ion:149 Resp: 167295
Ion Ratio Lower Upper
149 100
167 28.7 23.5 35.3
279 4.9 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2435
Delta R.T. 0.003 min
Lab File: BN017787.D
Acq: 08 Dec 2021 06:46



Tgt Ion:264 Resp: 115276
Ion Ratio Lower Upper
264 100
260 25.5 20.0 30.0
265 25.9 20.5 30.7

