

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017712.D
 Acq On : 04 Dec 2021 05:19
 Operator : CG/JU
 Sample : M4917-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-25

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 06 02:13:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	18545	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	76583	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	72040	0.40	ng	# 0.00
19) Phenanthrene-d10	17.116	188	107027	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	116402	0.40	ng	# 0.00
35) Perylene-d12	23.609	264	114930	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	17172	0.39	ng	0.02
5) Phenol-d6	6.943	99	5104	0.11	ng	0.02
8) Nitrobenzene-d5	8.900	82	17143m	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	39513	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	13751	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	73230	0.27	ng	0.00
27) Fluoranthene-d10	19.174	212	121231	0.35	ng	0.03
31) Terphenyl-d14	19.754	244	116173	0.45	ng	0.00
Target Compounds						
9) Naphthalene	10.598	128	15813814	80.98	ng	Qvalue 97
12) 2-Methylnaphthalene	12.200	142	2712370	21.27	ng	# 96
17) Acenaphthene	14.435	154	86196	0.46	ng	93
18) Fluorene	15.425	166	85438	0.36	ng	# 99
24) Pentachlorophenol	16.776	266	2283	0.35	ng	96
25) Phenanthrene	17.153	178	92627	0.33	ng	# 88
26) Anthracene	17.250	178	8254	0.03	ng	# 59
28) Fluoranthene	19.208	202	11495	0.03	ng	# 93
30) Pyrene	19.546	202	9350	0.03	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.239	149	28895	0.26	ng	# 96

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

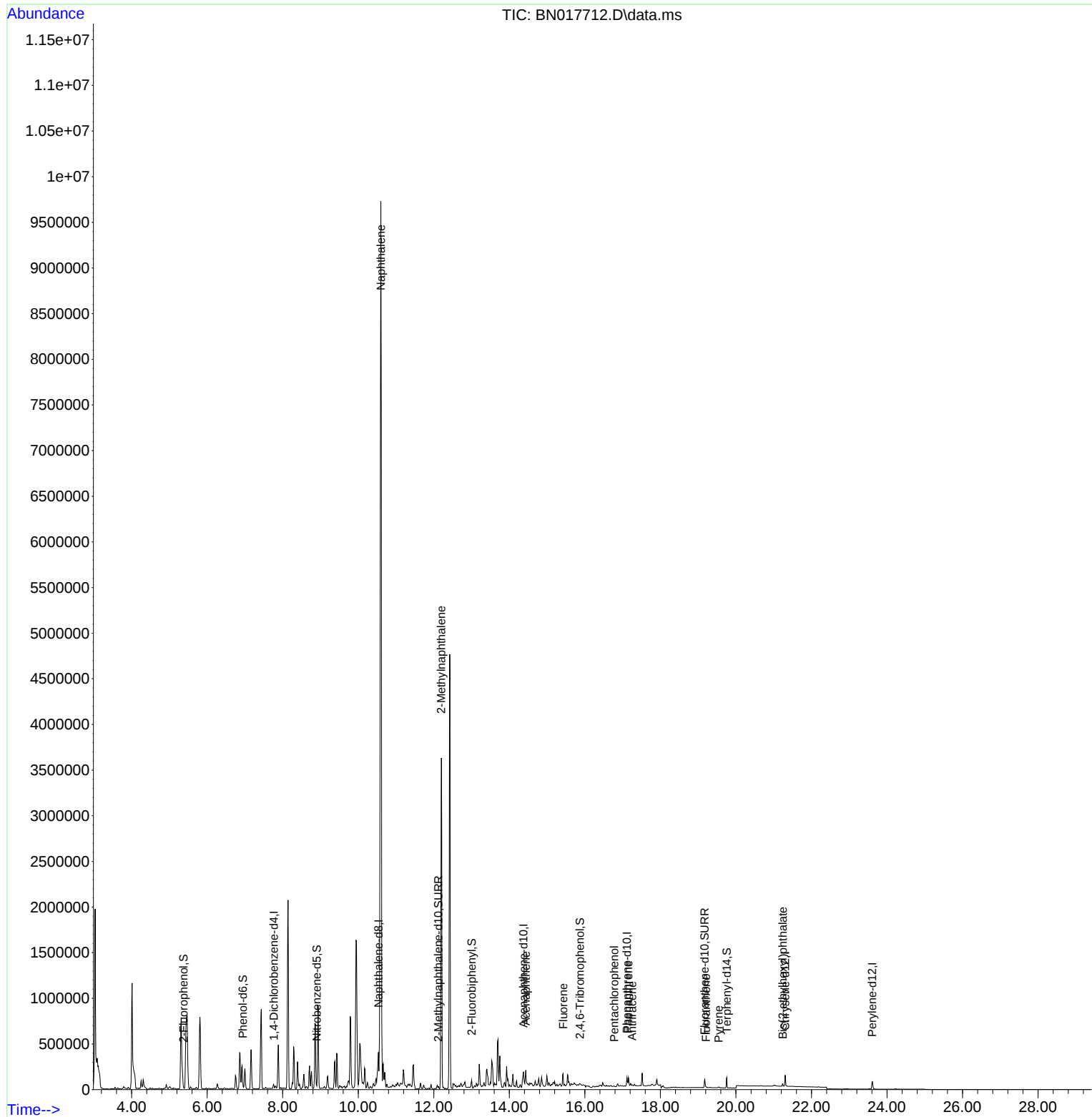
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017712.D
Acq On : 04 Dec 2021 05:19
Operator : CG/JU
Sample : M4917-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

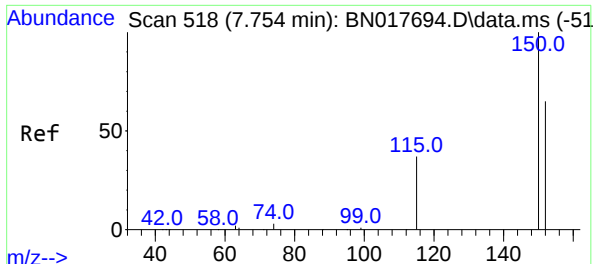
Instrument :
BNA_N
ClientSampleId :
MW-25

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

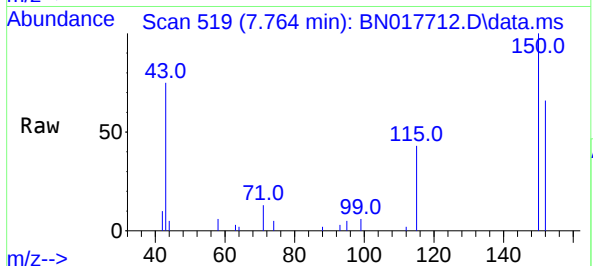
Quant Time: Dec 06 02:13:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 23:07:38 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.764 min Scan# 518
Delta R.T. 0.010 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

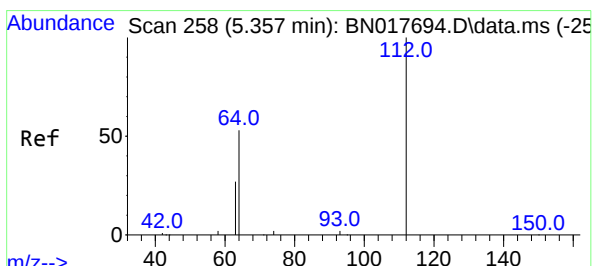
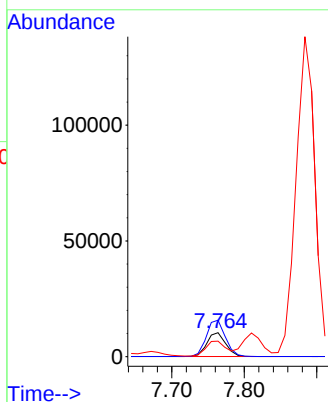
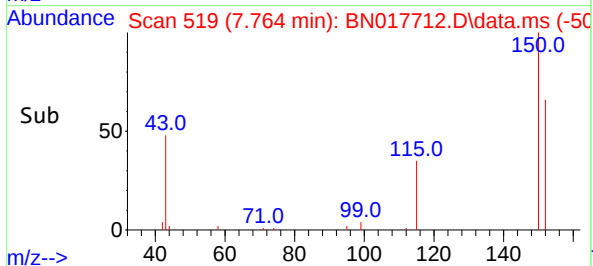
Instrument :
BNA_N
ClientSampleId :
MW-25



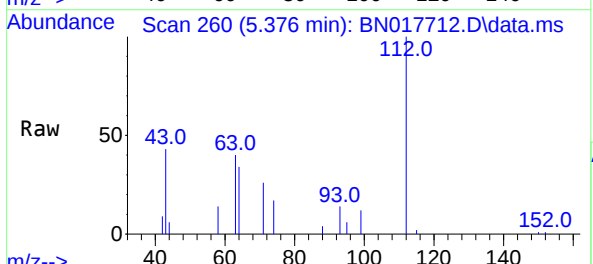
Tgt Ion:152 Resp: 1854
Ion Ratio Lower Upper
152 100
150 152.0 123.0 184.4
115 65.1 45.6 68.4

Manual Integrations
APPROVED

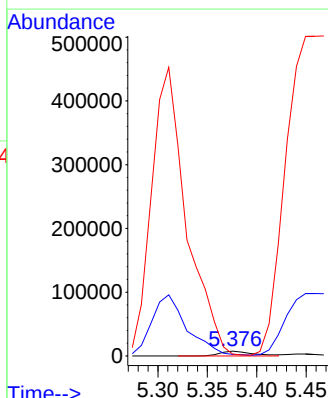
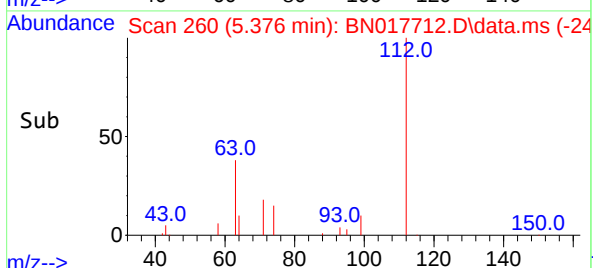
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

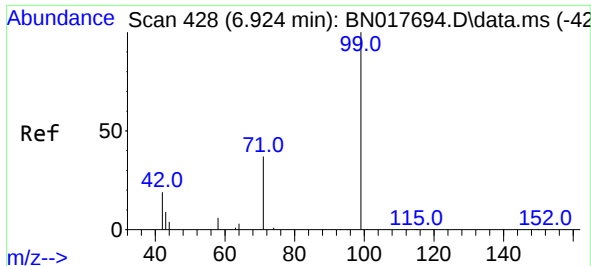


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.376 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19



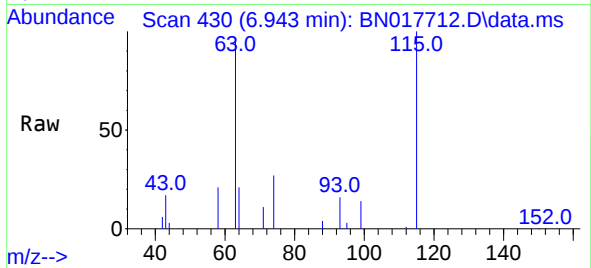
Tgt Ion:112 Resp: 17172
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#





#5
Phenol-d6
Concen: 0.11 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

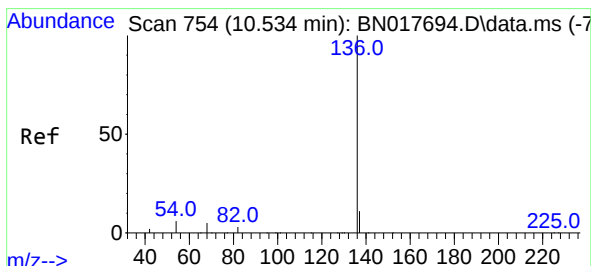
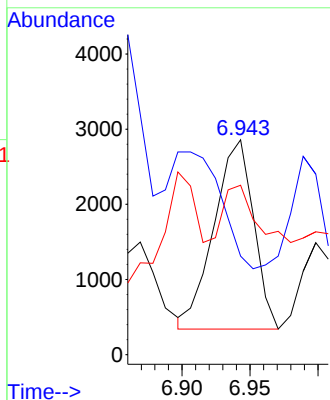
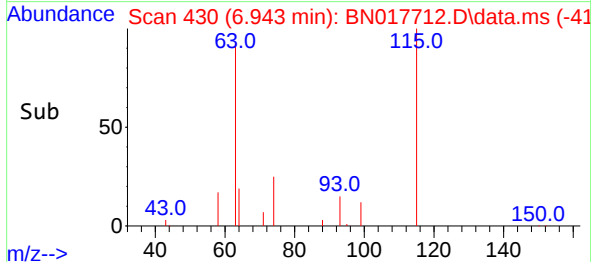
Instrument :
BNA_N
ClientSampleId :
MW-25



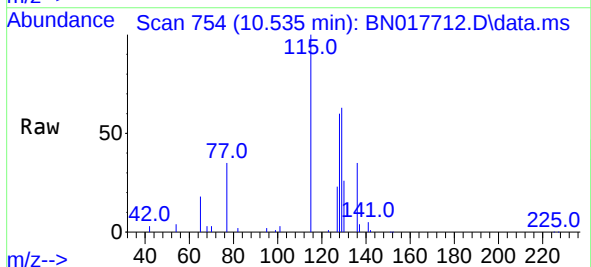
Tgt Ion: 99 Resp: 5104
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6
71 34.4 24.8 37.2

Manual Integrations
APPROVED

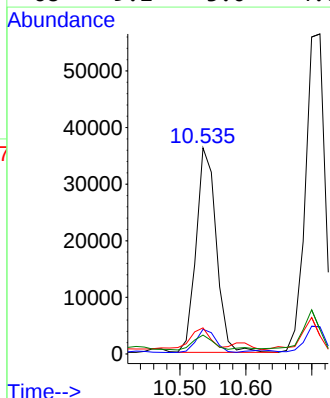
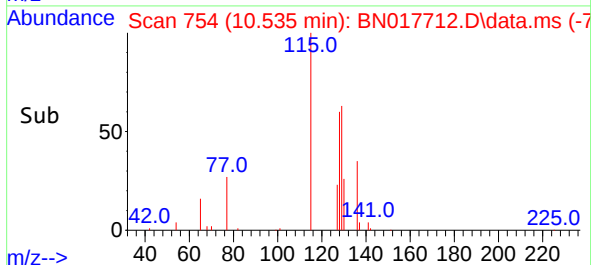
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

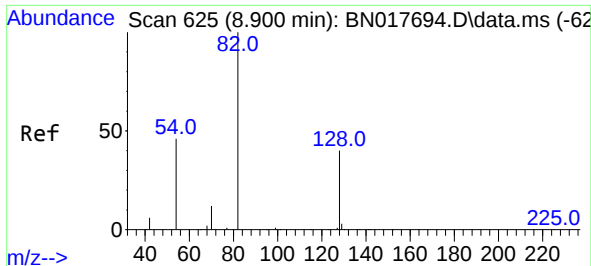


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19



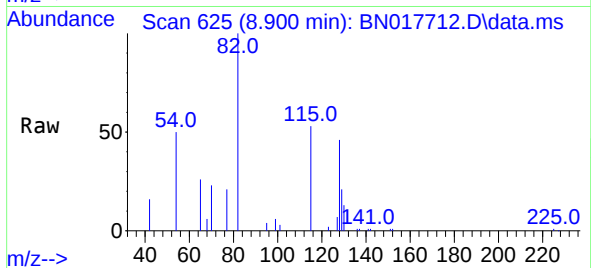
Tgt Ion:136 Resp: 76583
Ion Ratio Lower Upper
136 100
137 12.0 8.8 13.2
54 12.6 4.0 6.0#
68 9.2 3.0 4.6#





#8
Nitrobenzene-d5
Concen: 0.46 ng m
RT: 8.900 min Scan# 614
Delta R.T. -0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

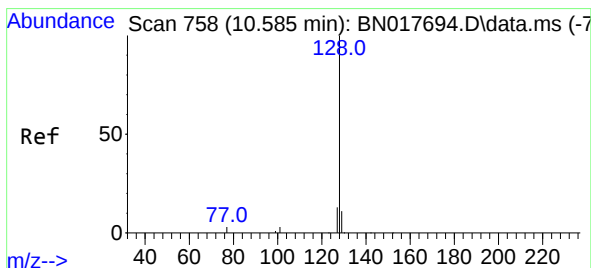
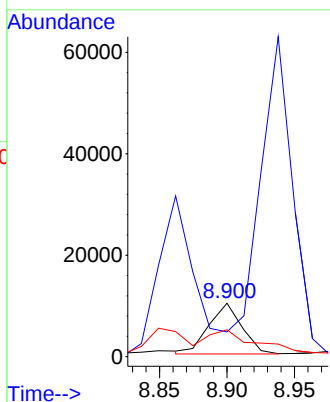
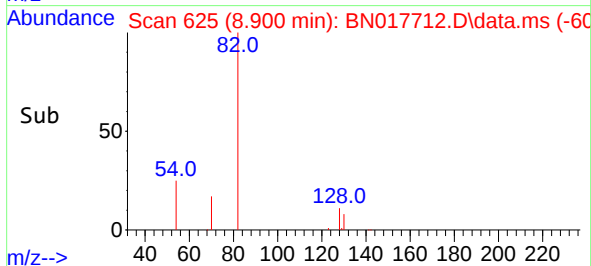
Instrument :
BNA_N
ClientSampleId :
MW-25



Tgt Ion: 82 Resp: 1714
Ion Ratio Lower Upper
82 100
128 46.5 27.7 41.5
54 50.4 49.2 73.8

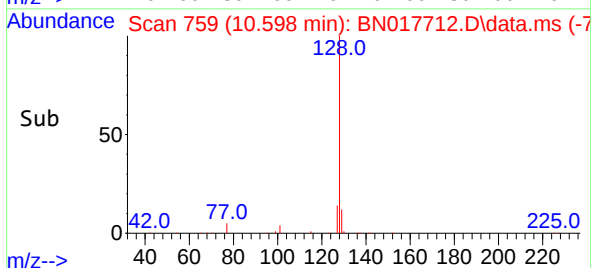
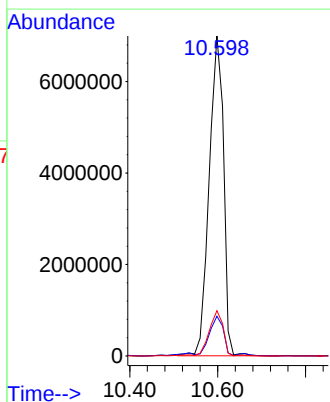
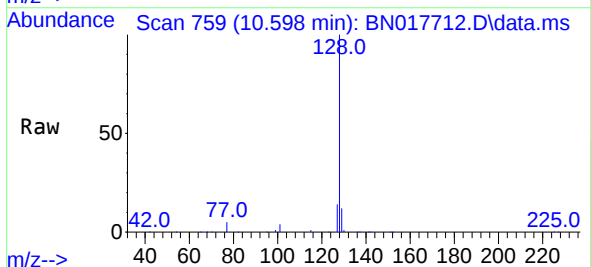
Manual Integrations
APPROVED

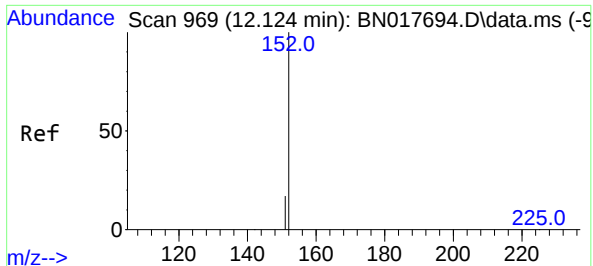
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#9
Naphthalene
Concen: 80.98 ng
RT: 10.598 min Scan# 759
Delta R.T. 0.013 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:128 Resp:15813814
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 14.2 10.6 15.8





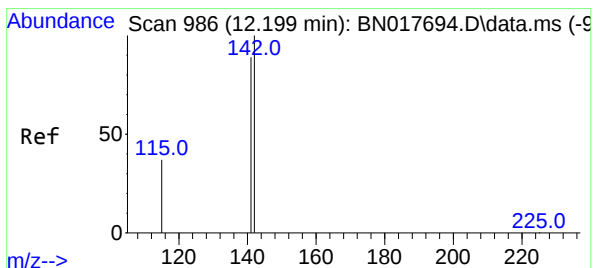
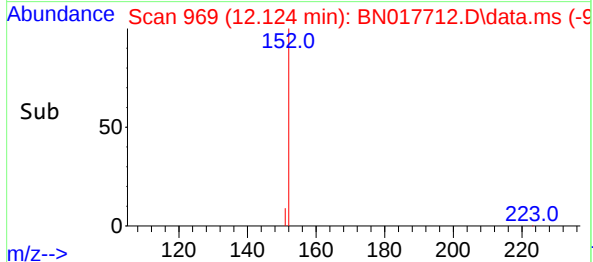
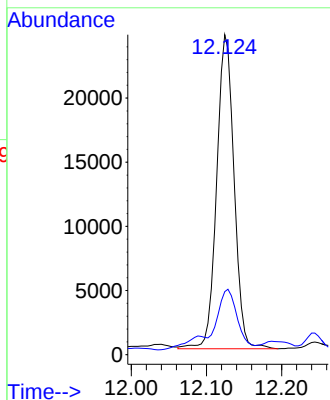
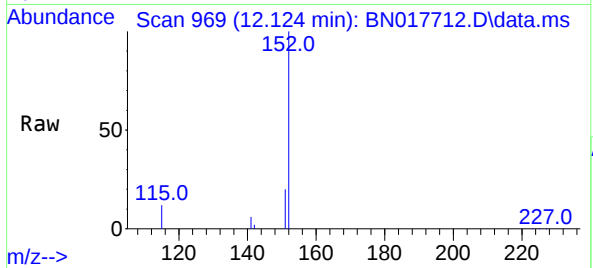
#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Instrument :
BNA_N
ClientSampleId :
MW-25

Tgt Ion:152 Resp: 3951
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.4

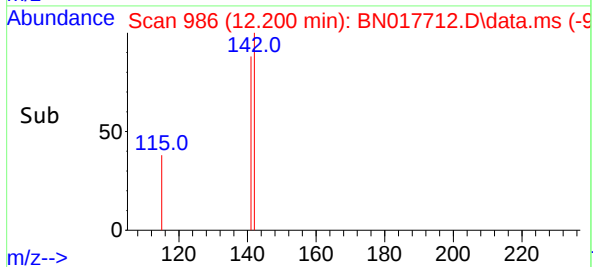
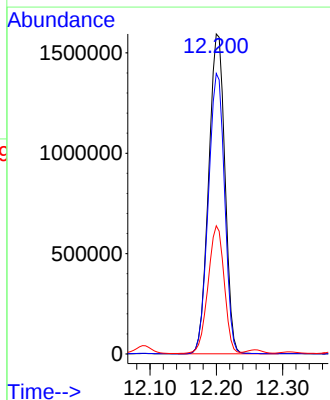
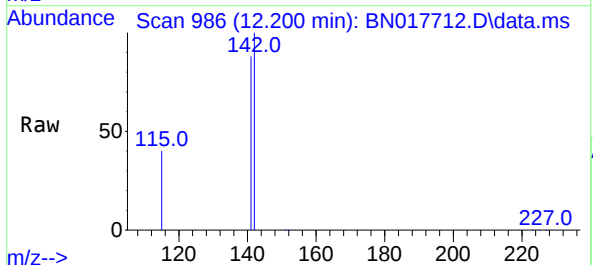
Manual Integrations
APPROVED

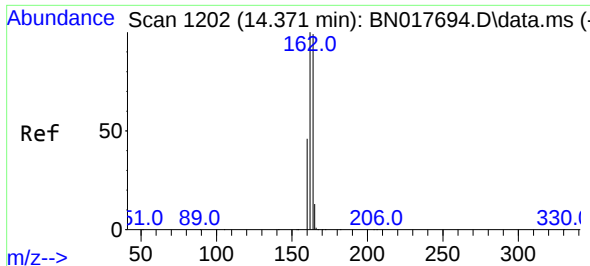
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#12
2-Methylnaphthalene
Concen: 21.27 ng
RT: 12.200 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

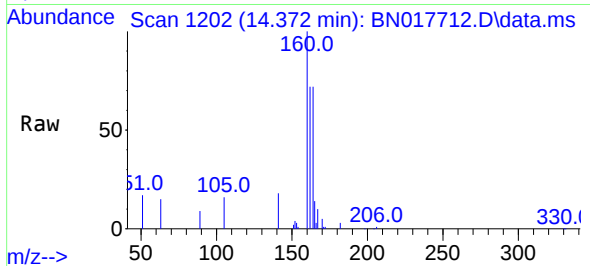
Tgt Ion:142 Resp: 2712370
Ion Ratio Lower Upper
142 100
141 87.7 70.6 106.0
115 40.0 25.8 38.6#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

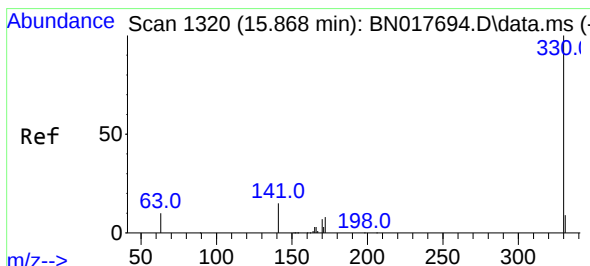
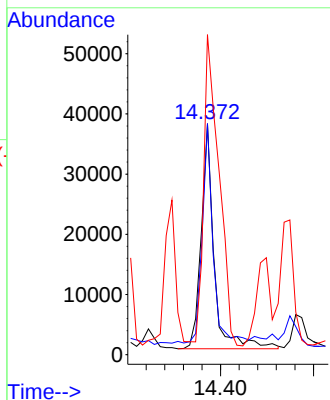
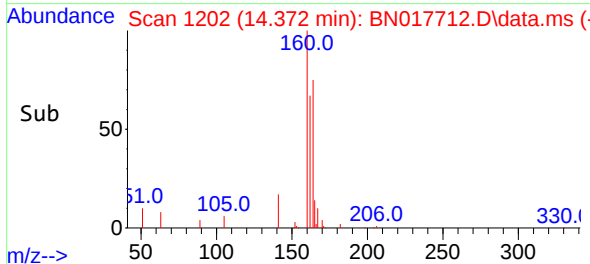
Instrument :
BNA_N
ClientSampleId :
MW-25



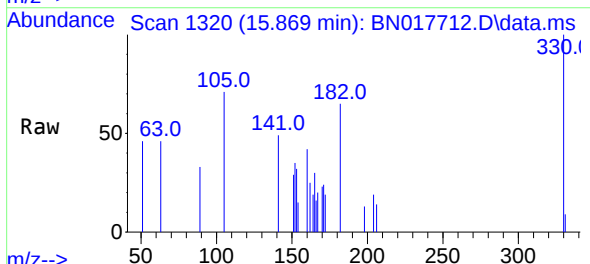
Tgt Ion:164 Resp: 72040
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.2
160 138.6 36.8 55.2

Manual Integrations
APPROVED

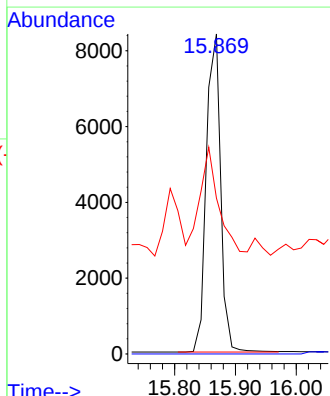
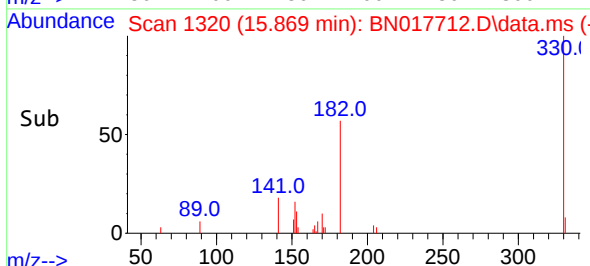
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

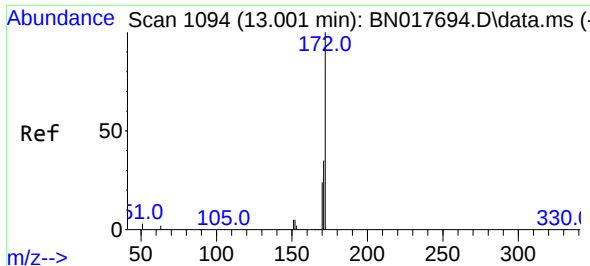


#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.869 min Scan# 1320
Delta R.T. 0.001 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19



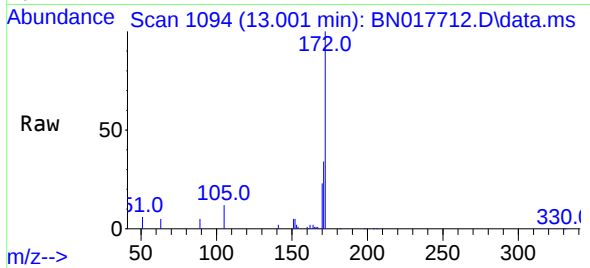
Tgt Ion:330 Resp: 13751
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.8 28.9 43.3





#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

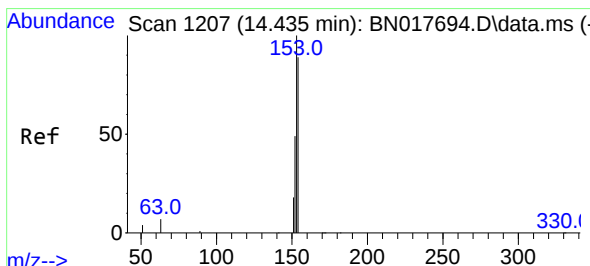
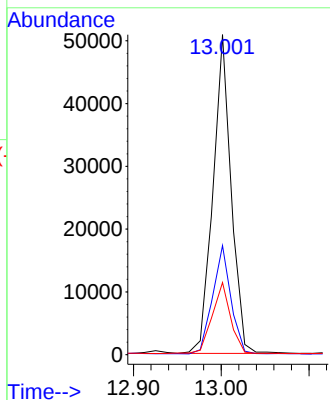
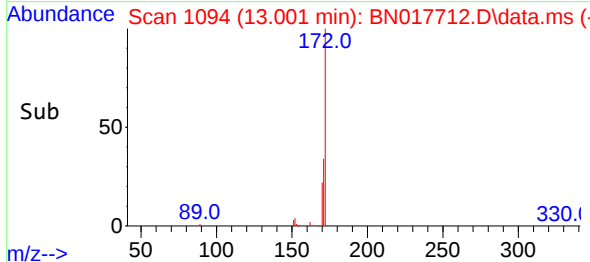
Instrument :
BNA_N
ClientSampleId :
MW-25



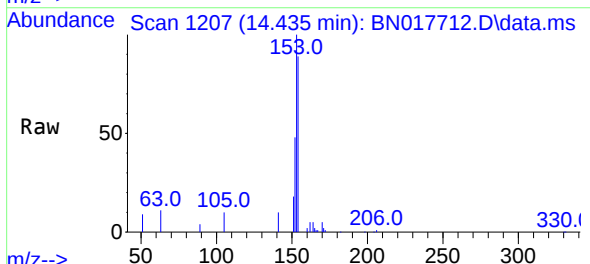
Tgt Ion:172 Resp: 73230
Ion Ratio Lower Upper
172 100
171 34.1 28.7 43.1
170 22.5 19.4 29.2

Manual Integrations
APPROVED

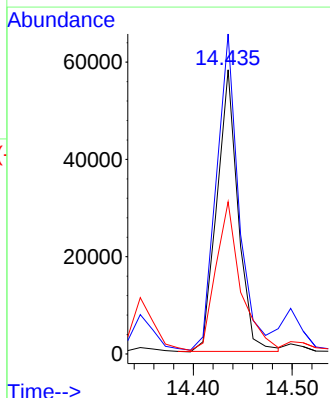
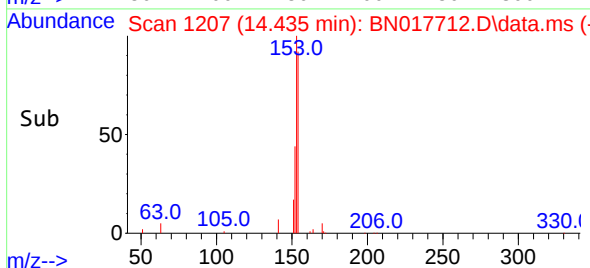
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

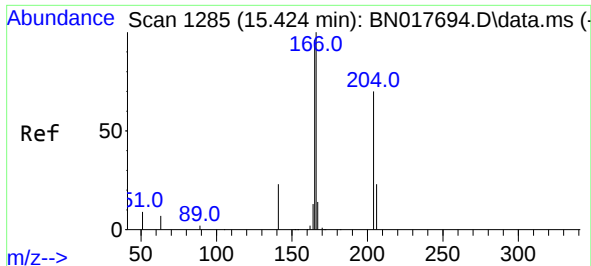


#17
Acenaphthene
Concen: 0.46 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19



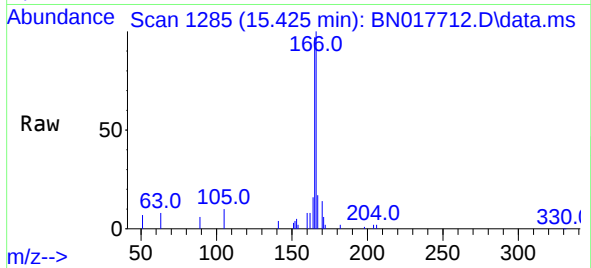
Tgt Ion:154 Resp: 86196
Ion Ratio Lower Upper
154 100
153 118.3 91.2 136.8
152 65.9 44.3 66.5





#18
Fluorene
Concen: 0.36 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

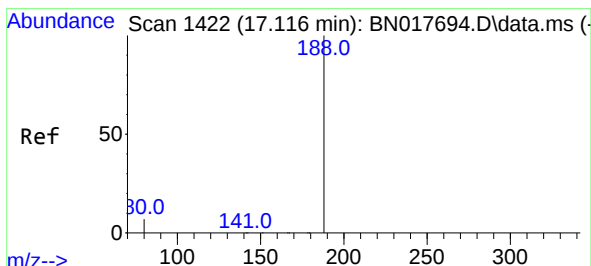
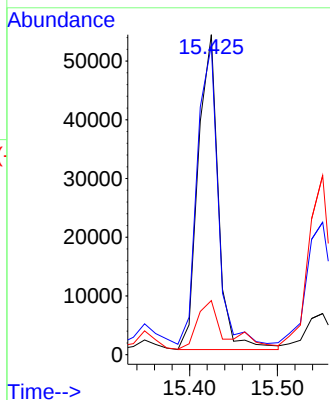
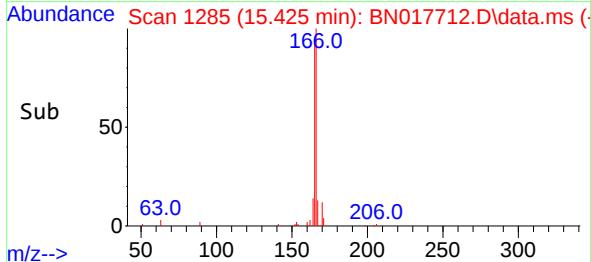
Instrument :
BNA_N
ClientSampleId :
MW-25



Tgt Ion:166 Resp: 85438
Ion Ratio Lower Upper
166 100
165 97.2 77.9 116.9
167 16.9 10.9 16.3

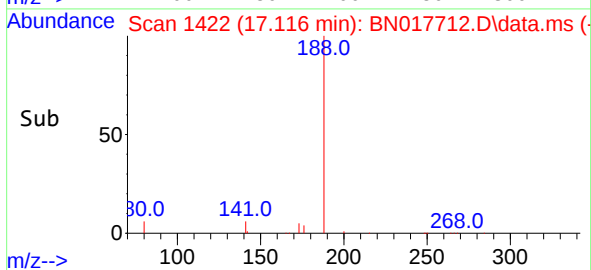
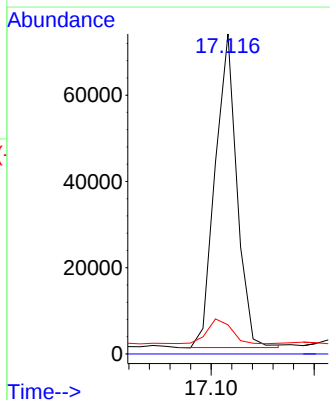
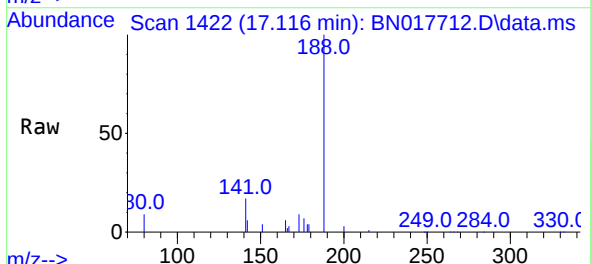
Manual Integrations
APPROVED

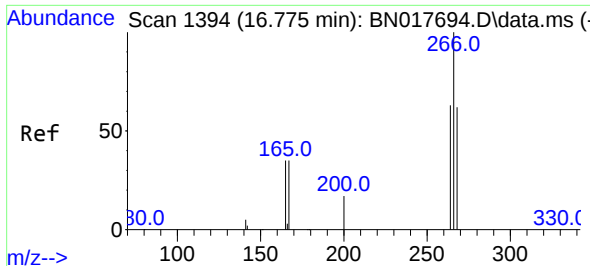
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:188 Resp: 107027
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 6.1 9.1





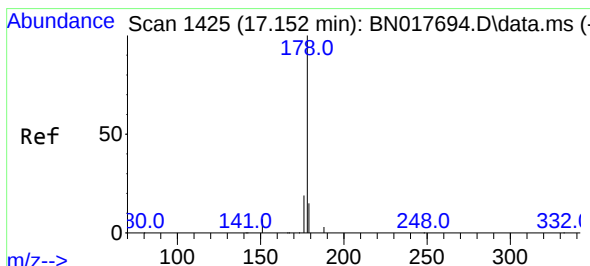
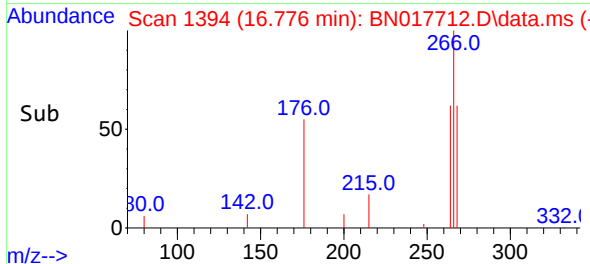
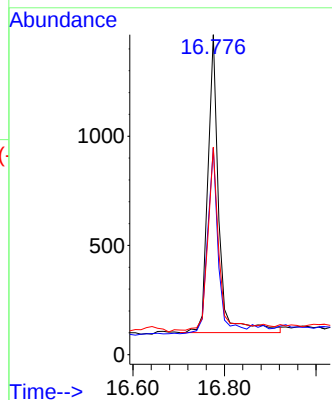
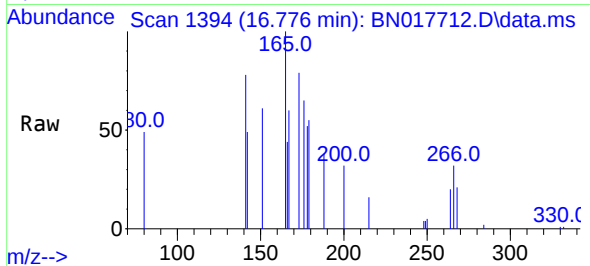
#24
Pentachlorophenol
Concen: 0.35 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Instrument :
BNA_N
ClientSampleId :
MW-25

Tgt Ion:266 Resp: 228
Ion Ratio Lower Upper
266 100
264 60.6 49.8 74.8
268 60.3 51.3 76.9

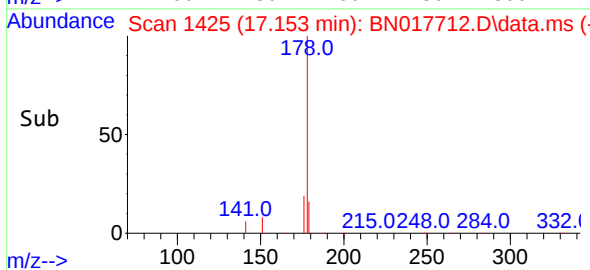
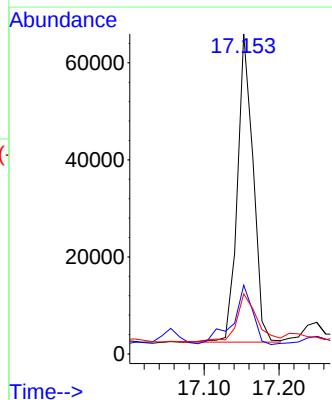
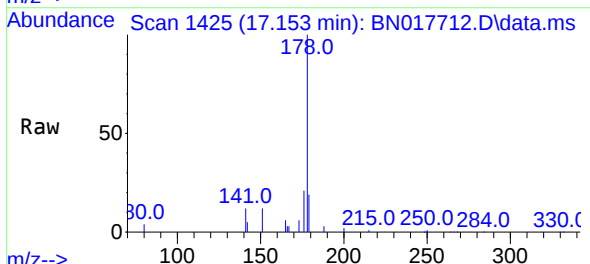
Manual Integrations
APPROVED

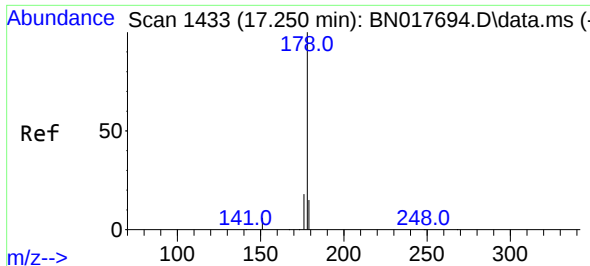
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#25
Phenanthrene
Concen: 0.33 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

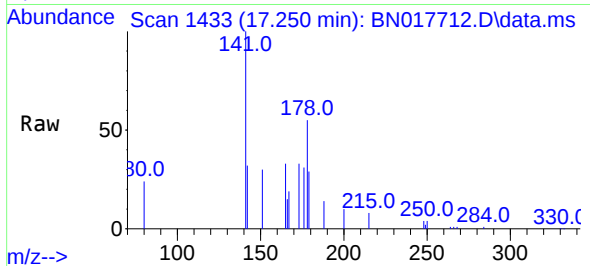
Tgt Ion:178 Resp: 92627
Ion Ratio Lower Upper
178 100
176 24.3 15.0 22.6#
179 20.5 12.3 18.5#





#26
 Anthracene
 Concen: 0.03 ng
 RT: 17.250 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19

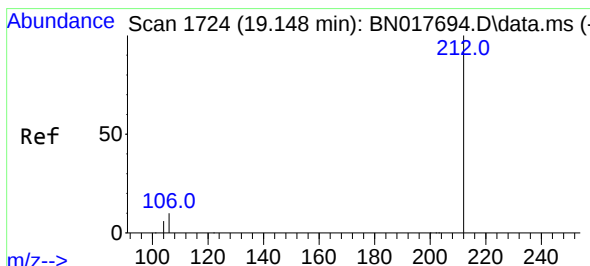
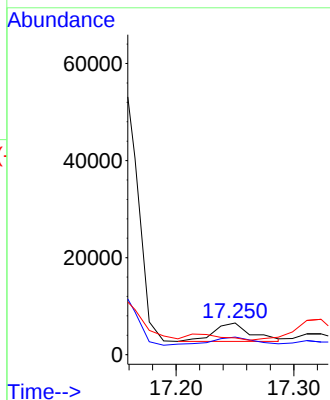
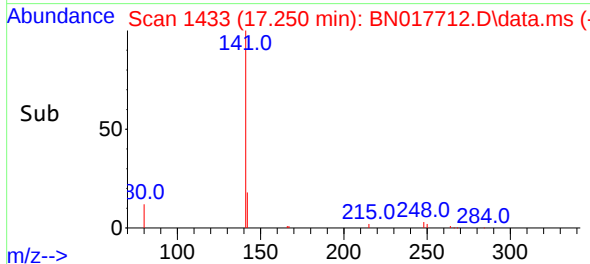
Instrument :
 BNA_N
 ClientSampleId :
 MW-25



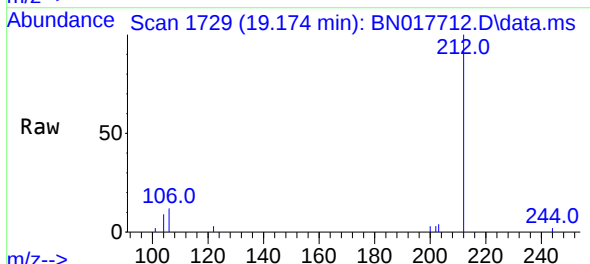
Tgt Ion:178 Resp: 8254
 Ion Ratio Lower Upper
 178 100
 176 38.1 14.6 22.0#
 179 0.0 12.2 18.4#

Manual Integrations
 APPROVED

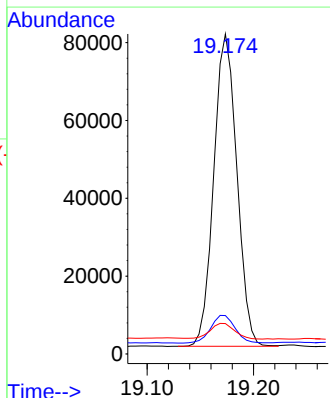
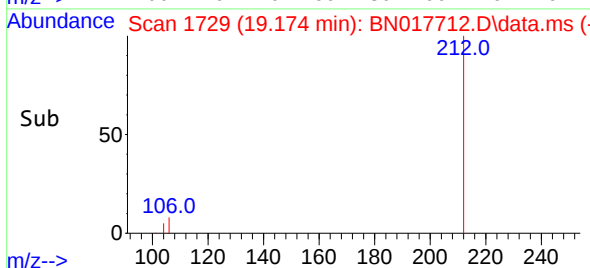
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

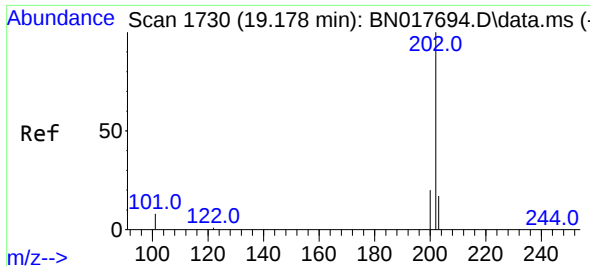


#27
 Fluoranthene-d10
 Concen: 0.35 ng
 RT: 19.174 min Scan# 1729
 Delta R.T. 0.025 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19



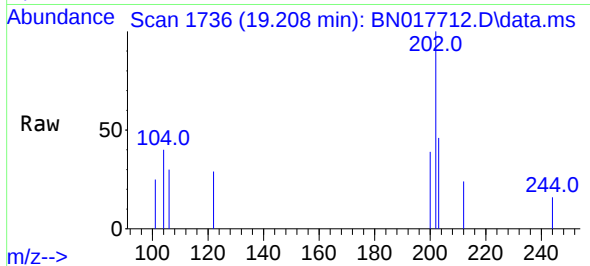
Tgt Ion:212 Resp: 121231
 Ion Ratio Lower Upper
 212 100
 106 9.3 10.5 15.7#
 104 5.3 5.8 8.6#





#28
Fluoranthene
Concen: 0.03 ng
RT: 19.208 min Scan# 1149
Delta R.T. 0.030 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

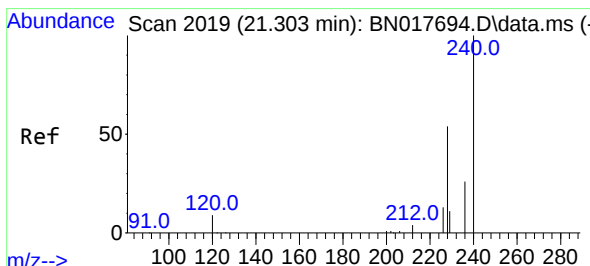
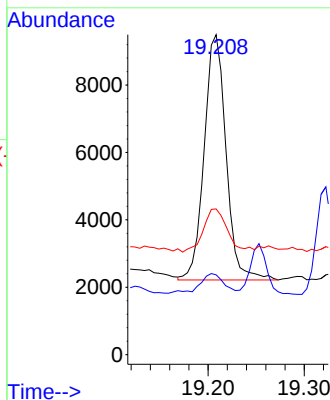
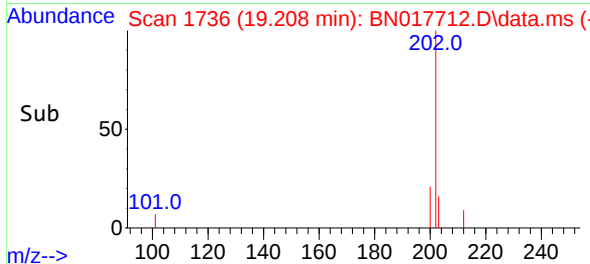
Instrument :
BNA_N
ClientSampleId :
MW-25



Tgt Ion:202 Resp: 1149
Ion Ratio Lower Upper
202 100
101 6.6 8.9 13.3
203 18.9 13.8 20.6

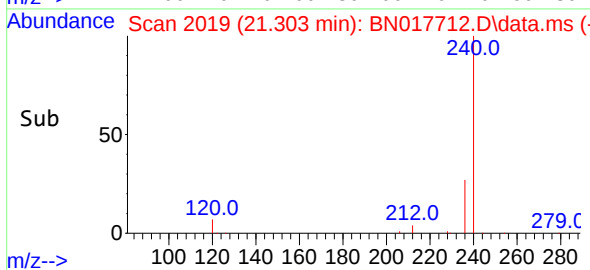
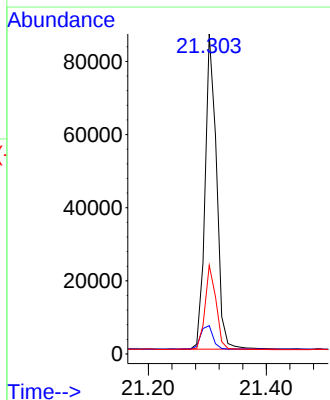
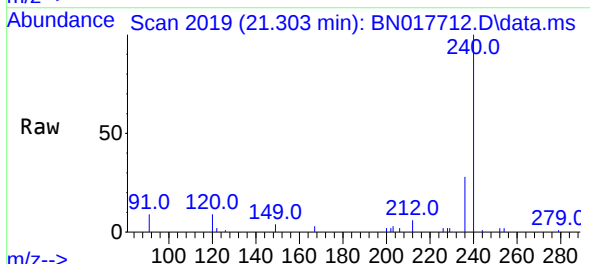
Manual Integrations
APPROVED

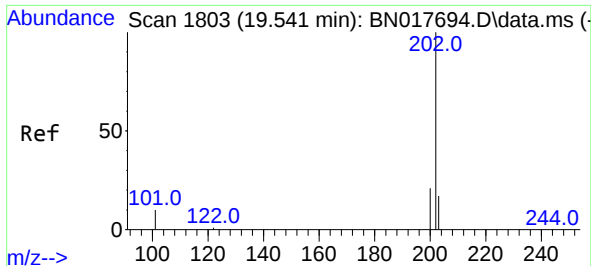
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

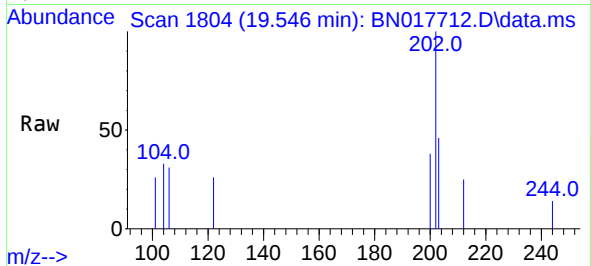
Tgt Ion:240 Resp: 116402
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2
236 27.7 20.0 30.0





#30
Pyrene
Concen: 0.03 ng
RT: 19.546 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

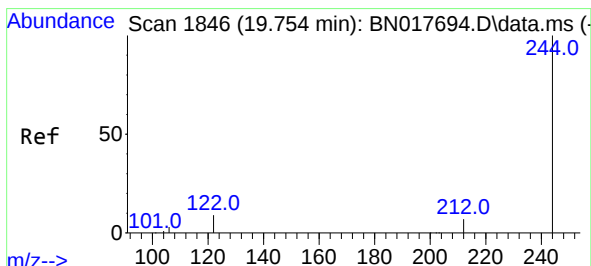
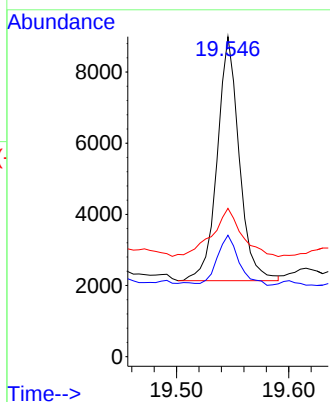
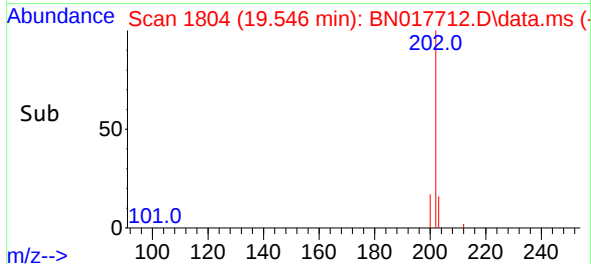
Instrument :
BNA_N
ClientSampleId :
MW-25



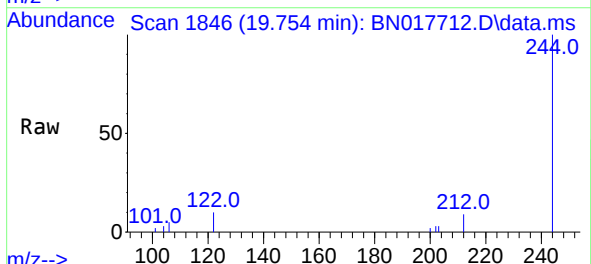
Tgt Ion:202 Resp: 9350
Ion Ratio Lower Upper
202 100
200 19.6 16.5 24.7
203 26.2 14.0 21.0

Manual Integrations
APPROVED

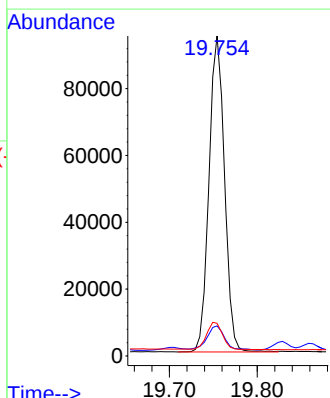
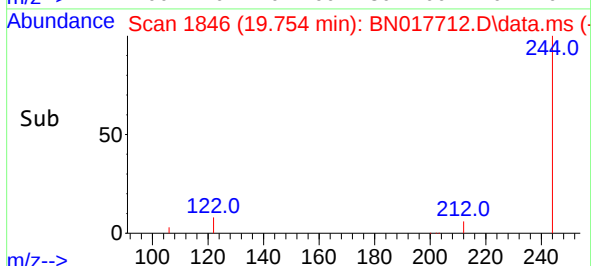
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

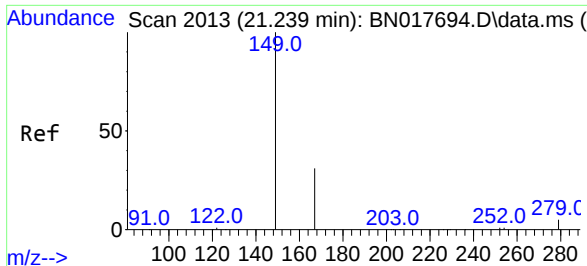


#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19



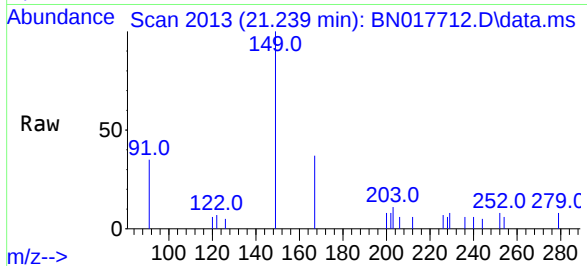
Tgt Ion:244 Resp: 116173
Ion Ratio Lower Upper
244 100
212 9.4 5.7 8.5#
122 10.2 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.239 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

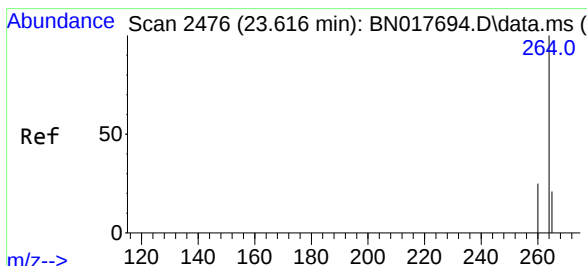
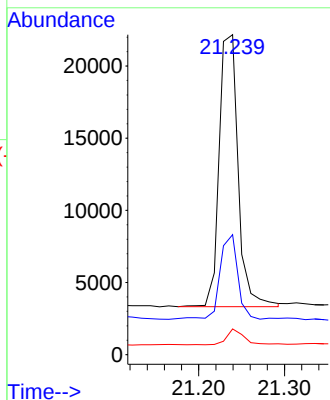
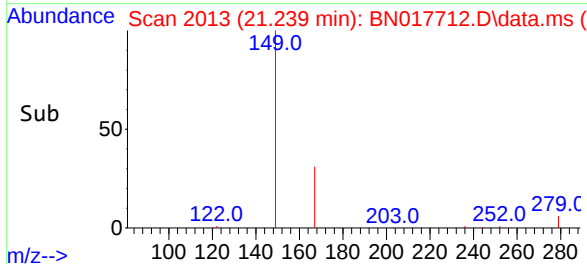
Instrument :
BNA_N
ClientSampleId :
MW-25



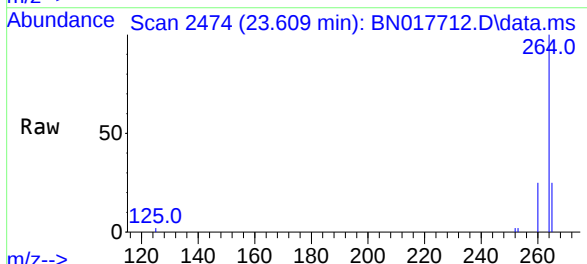
Tgt Ion:149 Resp: 2889
Ion Ratio Lower Upper
149 100
167 29.4 21.8 32.6
279 5.2 3.4 5.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.609 min Scan# 2474
Delta R.T. -0.006 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19



Tgt Ion:264 Resp: 114930
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 25.1 18.6 28.0

