

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017800.D
 Acq On : 08 Dec 2021 15:23
 Operator : CG/JU
 Sample : M4930-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 11:04:02 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	22892	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	93110	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	65143	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	122884	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	114321	0.400	ng	# 0.01
35) Perylene-d12	23.596	264	119255	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	10732	0.194	ng	0.00
5) Phenol-d6	6.912	99	7063	0.135	ng	0.00
8) Nitrobenzene-d5	8.859	82	26000	0.420	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	62081	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	18493	0.543	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	111100	0.466	ng	0.00
27) Fluoranthene-d10	19.129	212	144620	0.352	ng	0.00
31) Terphenyl-d14	19.735	244	124015	0.505	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.280	88	6805m	0.808	ng	
24) Pentachlorophenol	16.752	266	494	0.295	ng	85
30) Pyrene	19.526	202	7705	0.021	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.219	149	43305	0.272	ng	# 94

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

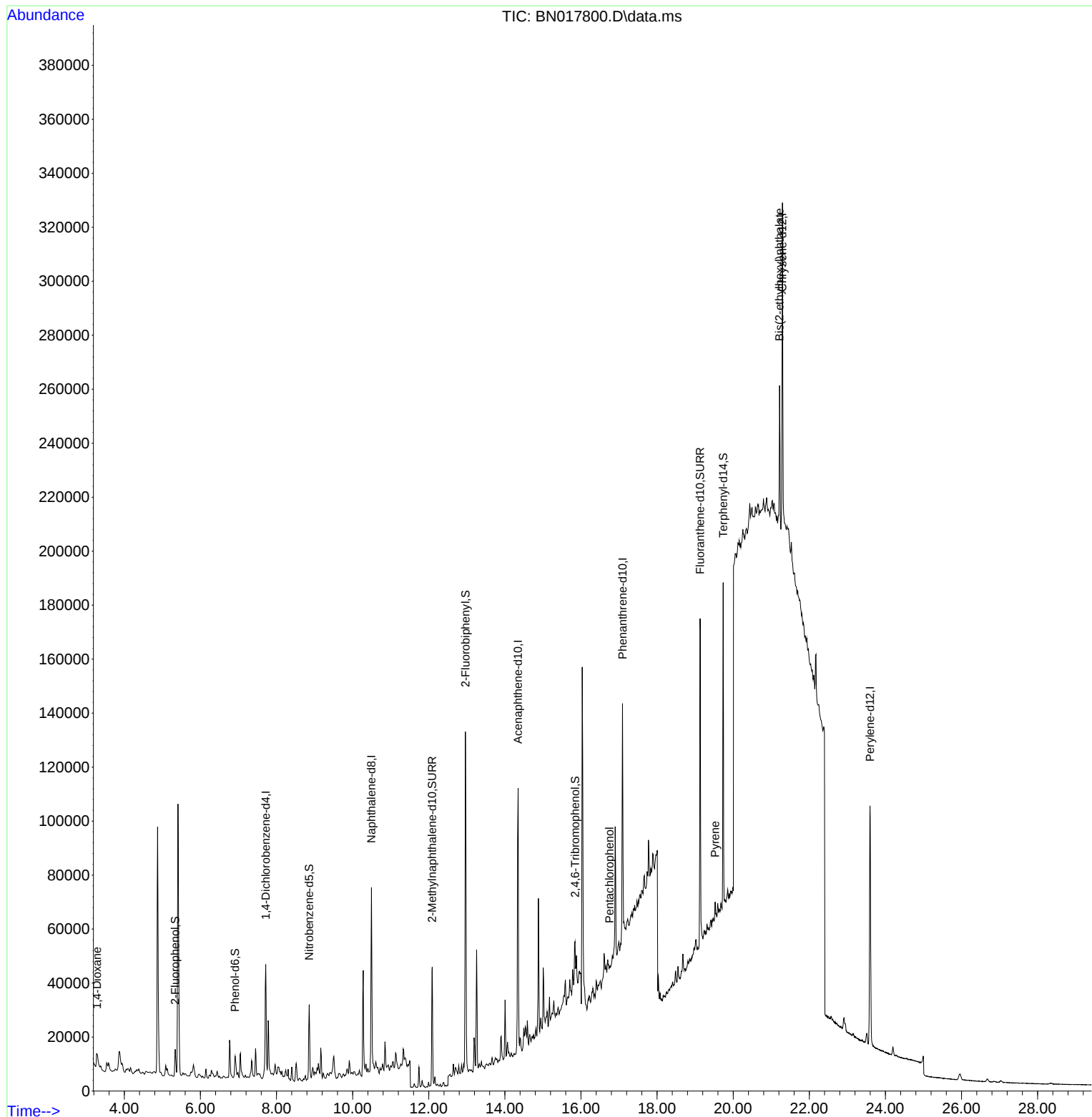
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017800.D
Acq On : 08 Dec 2021 15:23
Operator : CG/JU
Sample : M4930-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

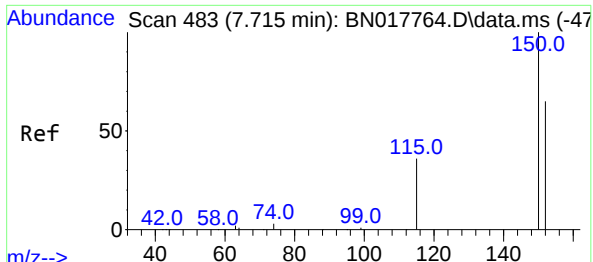
Instrument :
BNA_N
ClientSampleId :
MW-1

Quant Time: Dec 09 11:04:02 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

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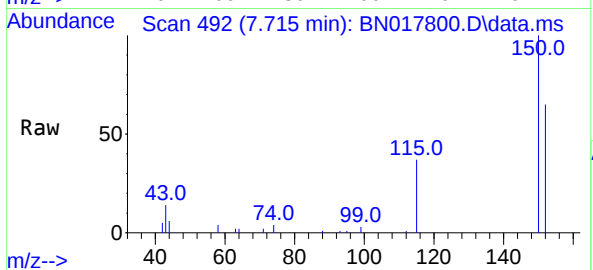
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

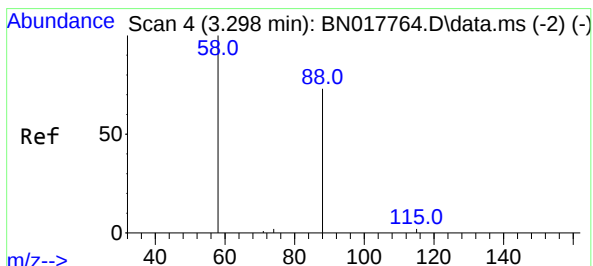
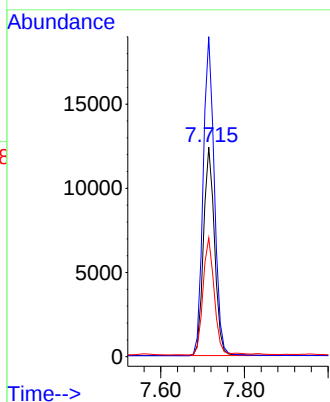
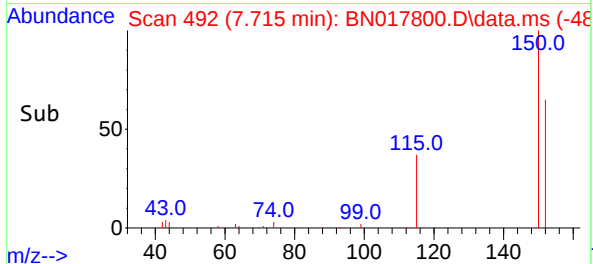
Instrument :
BNA_N
ClientSampleId :
MW-1



Tgt Ion:152 Resp: 2289
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.4
115 56.7 45.3 67.9

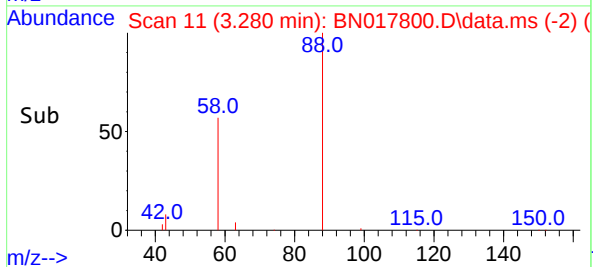
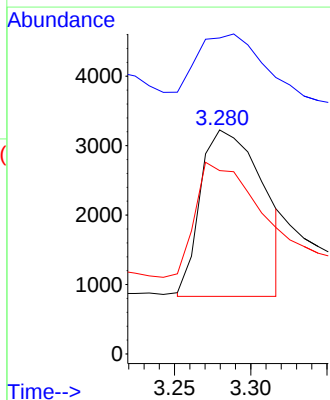
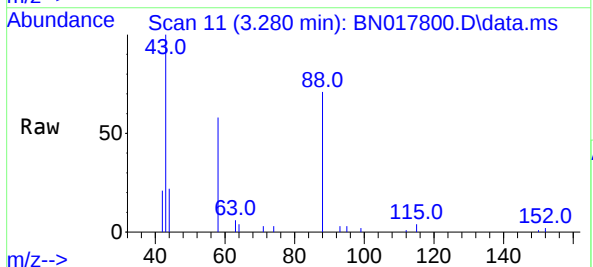
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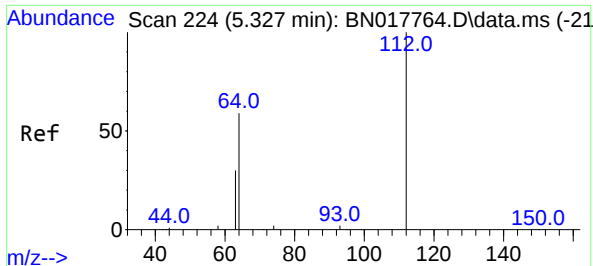
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#2
1,4-Dioxane
Concen: 0.808 ng m
RT: 3.280 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

Tgt Ion: 88 Resp: 6805
Ion Ratio Lower Upper
88 100
43 34.0 0.0 0.0#
58 72.0 0.0 0.0#





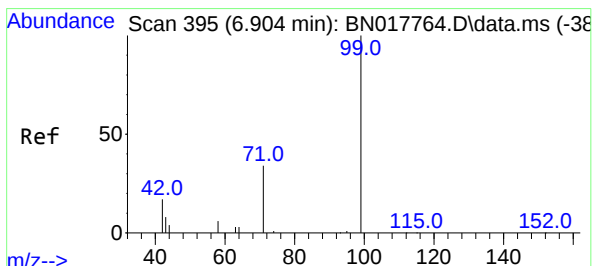
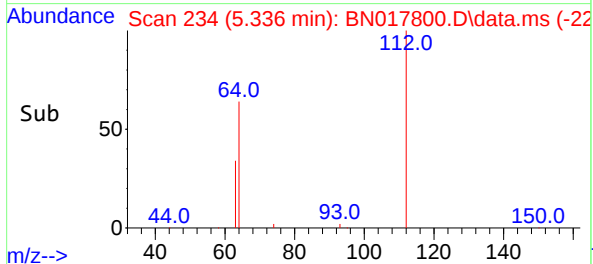
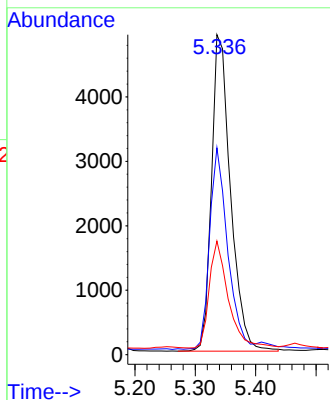
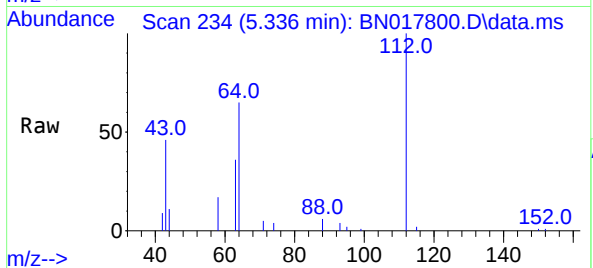
#4
2-Fluorophenol
Concen: 0.194 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:112 Resp: 1073
Ion Ratio Lower Upper
112 100
64 60.7 49.3 73.9
63 33.9 25.8 38.8

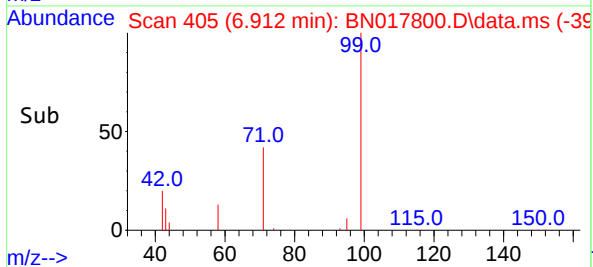
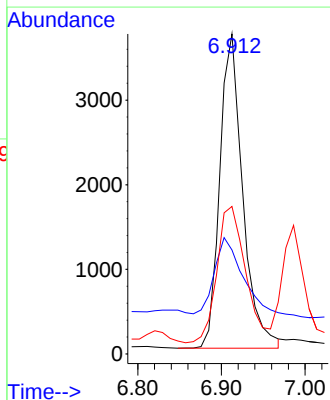
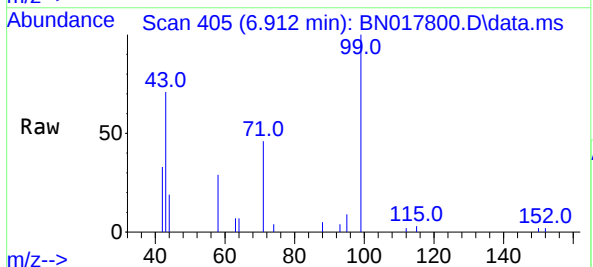
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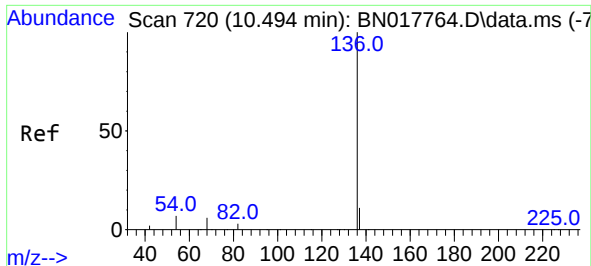
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#5
Phenol-d6
Concen: 0.135 ng
RT: 6.912 min Scan# 405
Delta R.T. 0.009 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

Tgt Ion: 99 Resp: 7063
Ion Ratio Lower Upper
99 100
42 29.3 16.6 25.0#
71 54.5 29.0 43.4#





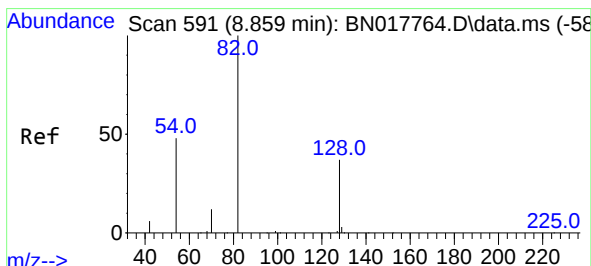
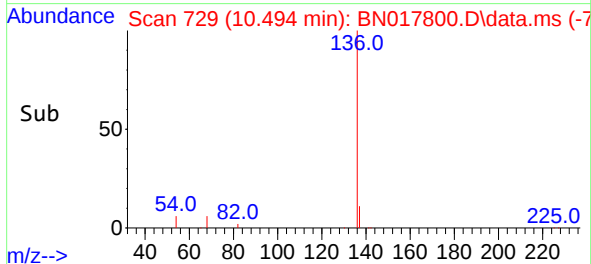
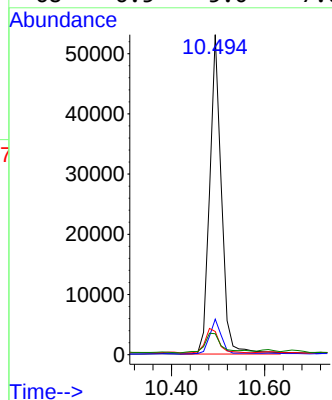
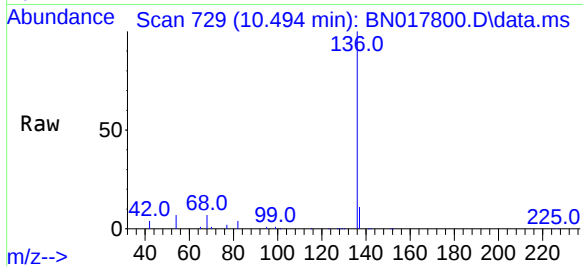
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 700
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:	136	Resp:	93110
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	5.9	8.9
68	6.5	5.0	7.6

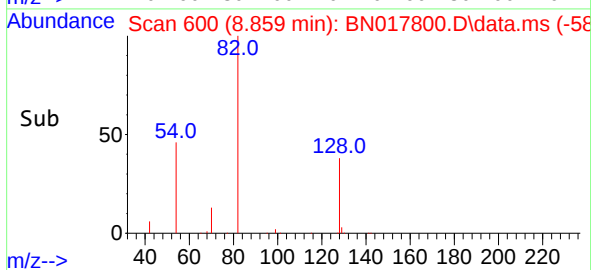
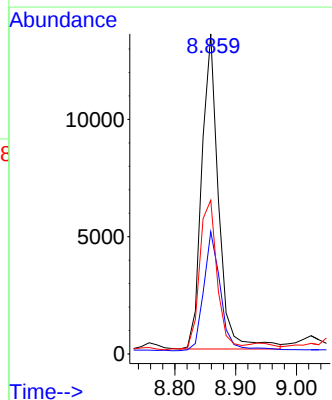
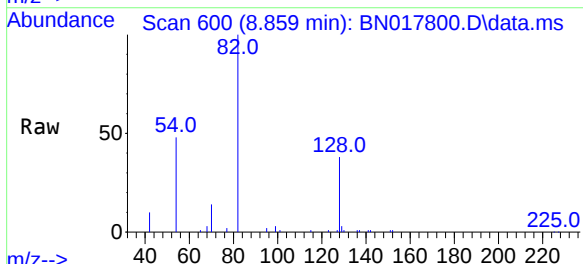
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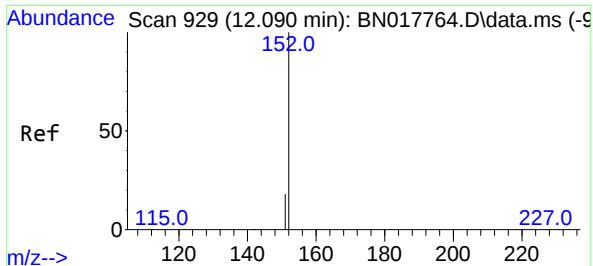
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

Tgt Ion:	82	Resp:	26000
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.2	45.2
54	48.1	39.0	58.6





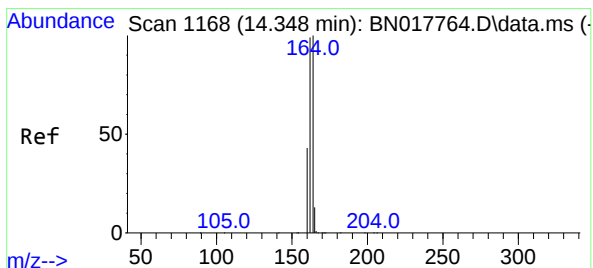
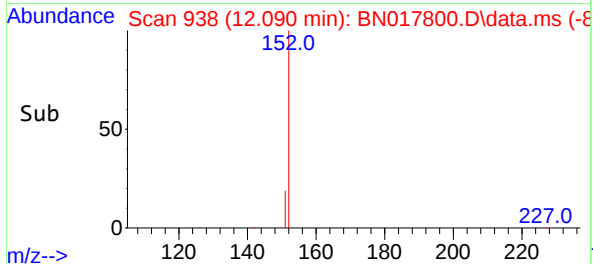
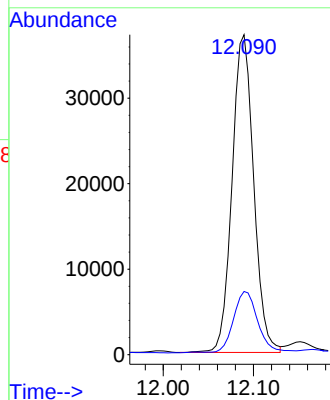
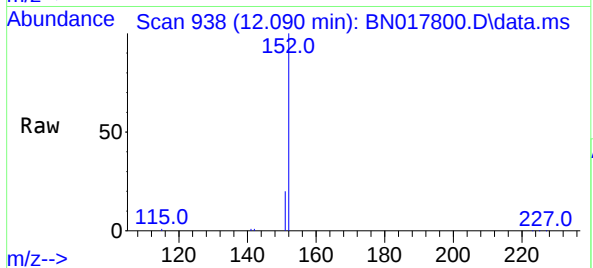
#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.090 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 6208
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6

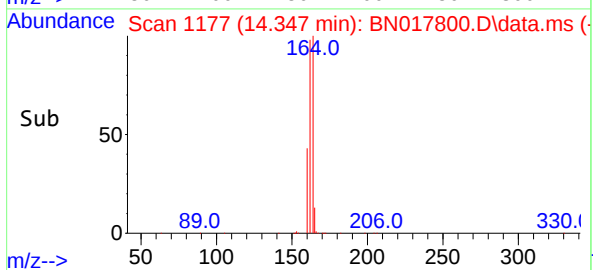
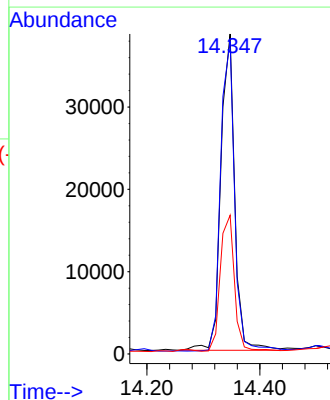
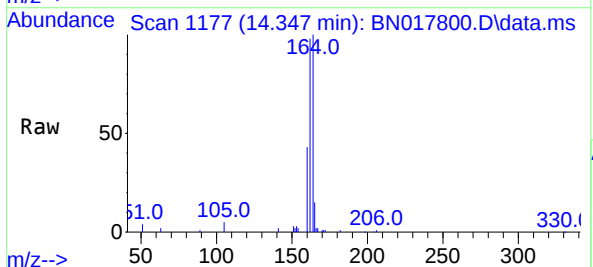
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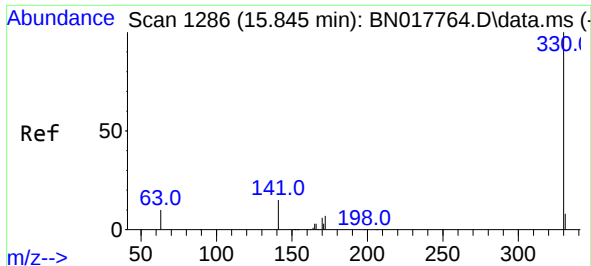
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

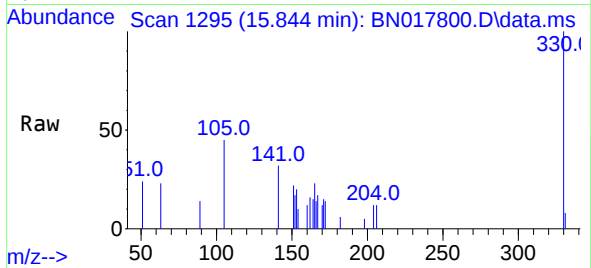
Tgt Ion:164 Resp: 65143
Ion Ratio Lower Upper
164 100
162 97.7 79.0 118.6
160 43.4 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.543 ng
RT: 15.844 min Scan# 1067
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

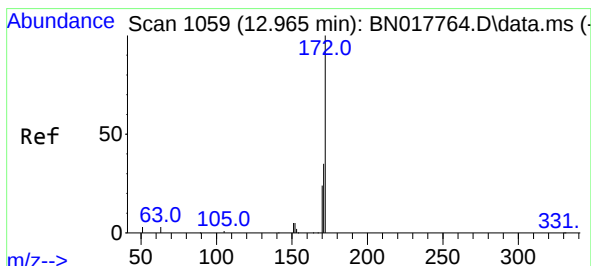
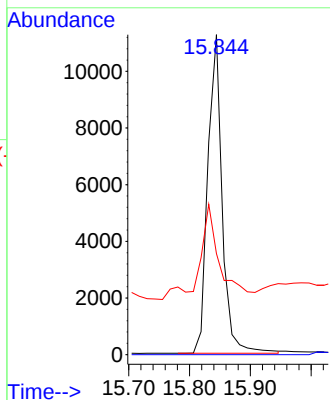
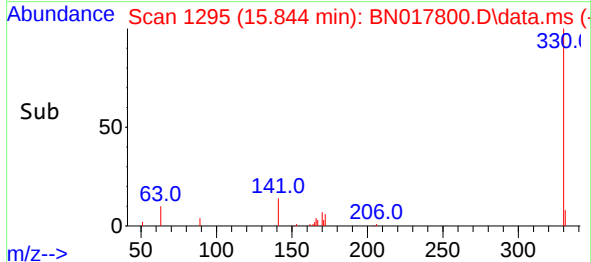
Instrument :
BNA_N
ClientSampleId :
MW-1



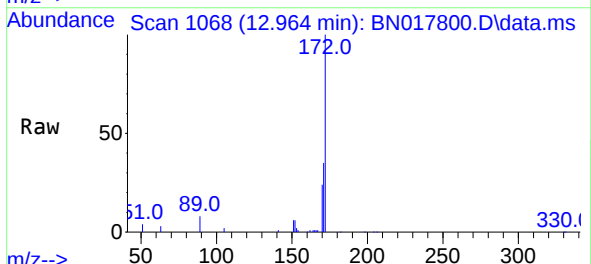
Tgt Ion:330 Resp: 1849
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.0 21.5 32.3

Manual Integrations
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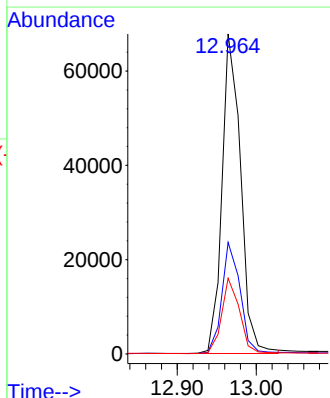
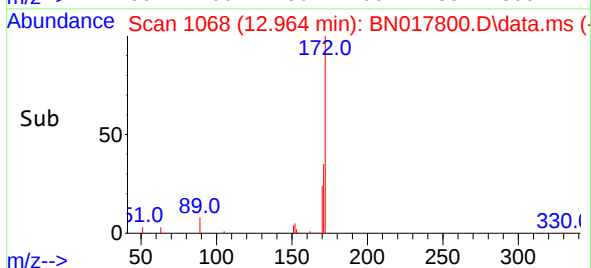
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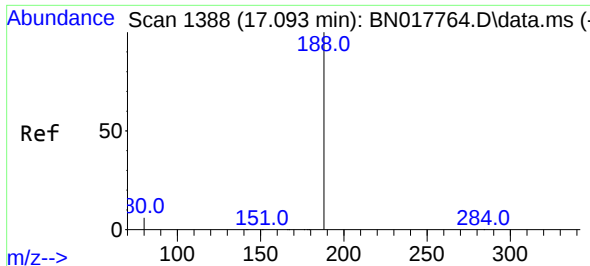


#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23



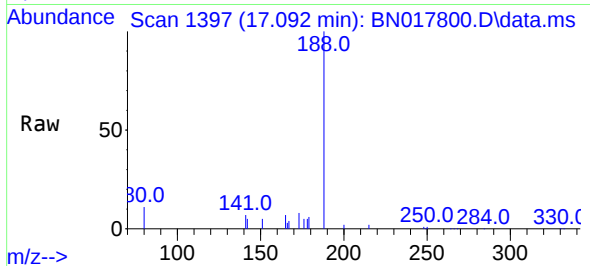
Tgt Ion:172 Resp: 111100
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.7 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

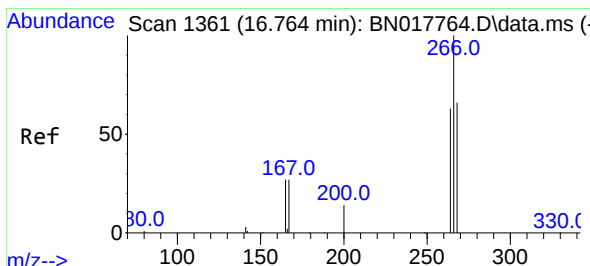
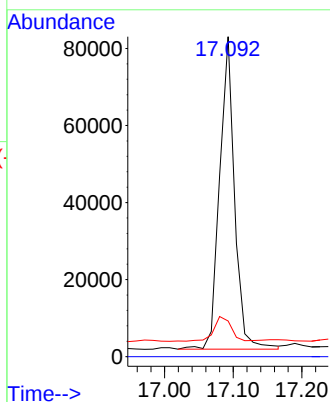
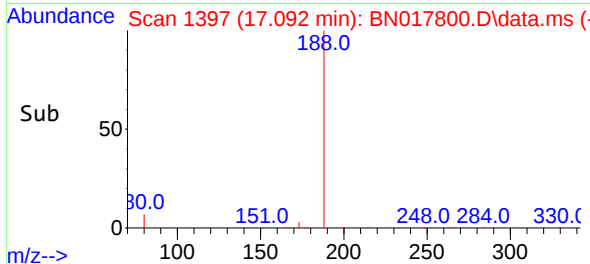
Instrument :
BNA_N
ClientSampleId :
MW-1



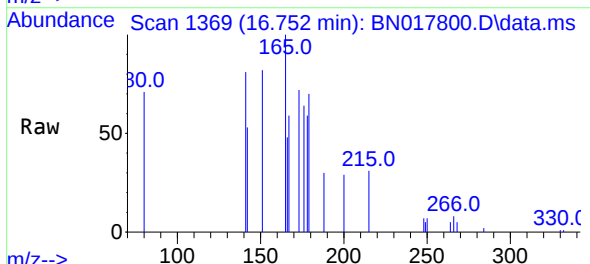
Tgt Ion:188 Resp: 122884
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 5.1 7.7

Manual Integrations
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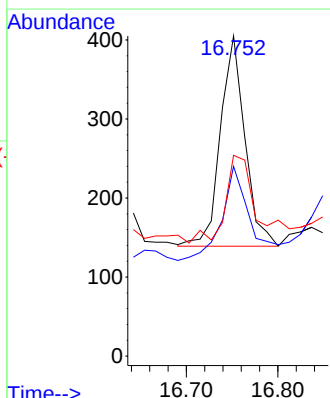
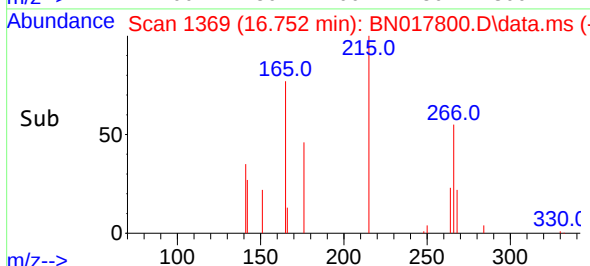
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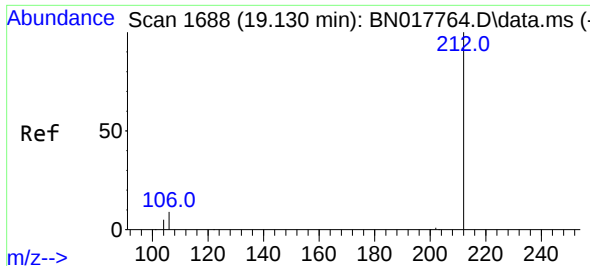


#24
Pentachlorophenol
Concen: 0.295 ng
RT: 16.752 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23



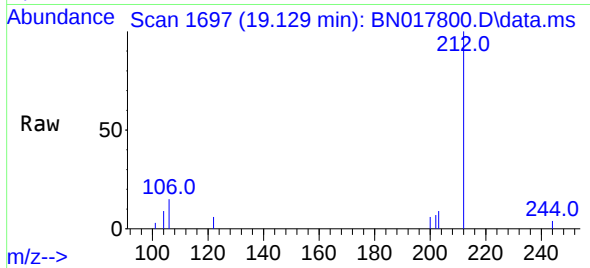
Tgt Ion:266 Resp: 494
Ion Ratio Lower Upper
266 100
264 52.2 50.8 76.2
268 53.2 51.8 77.6





#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.129 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

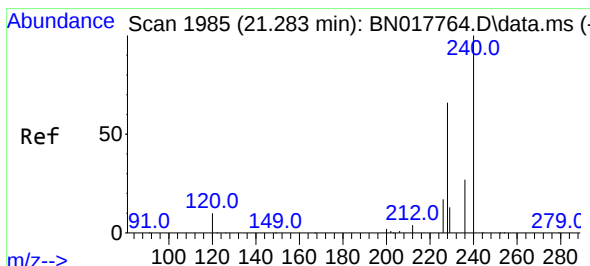
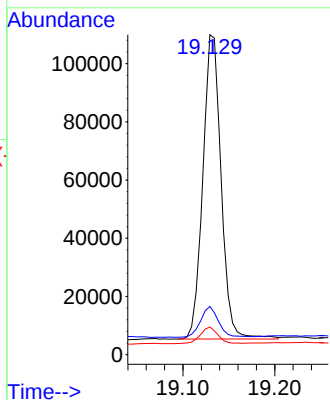
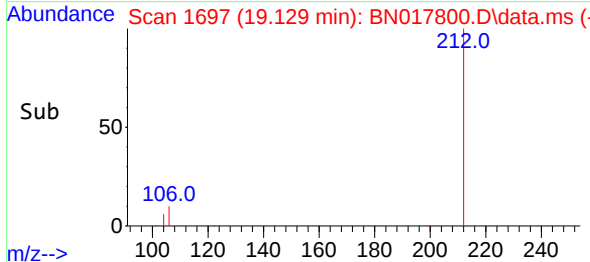
Instrument :
BNA_N
ClientSampleId :
MW-1



Tgt Ion:212 Resp: 144620
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.4 4.6 6.8

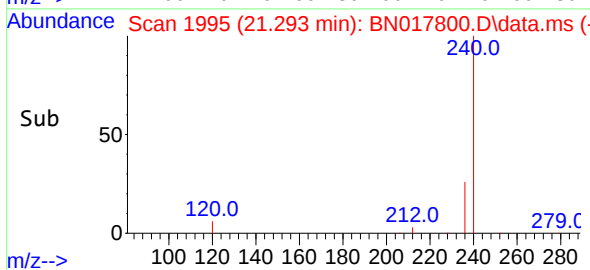
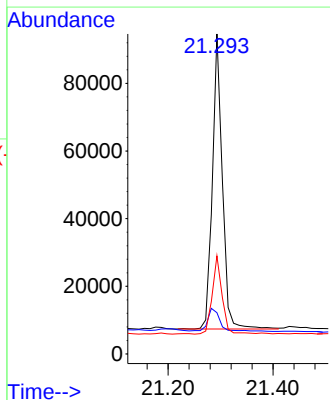
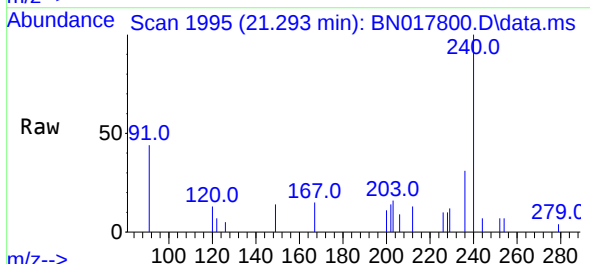
Manual Integrations
APPROVED

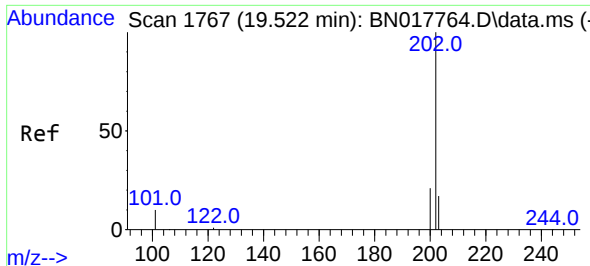
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

Tgt Ion:240 Resp: 114321
Ion Ratio Lower Upper
240 100
120 12.9 7.9 11.9#
236 30.6 21.4 32.2





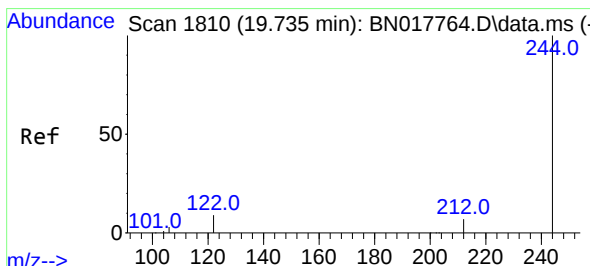
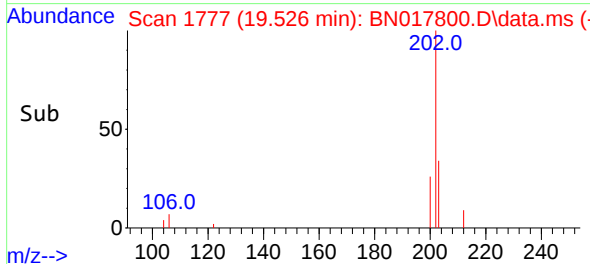
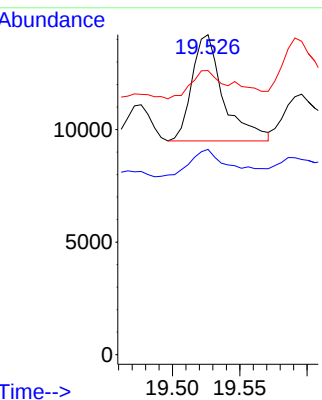
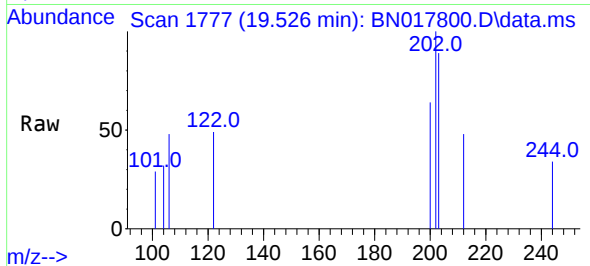
#30
Pyrene
Concen: 0.021 ng
RT: 19.526 min Scan# 1767
Delta R.T. 0.005 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:202 Resp: 7700
Ion Ratio Lower Upper
202 100
200 31.7 16.5 24.7
203 34.9 14.0 21.0

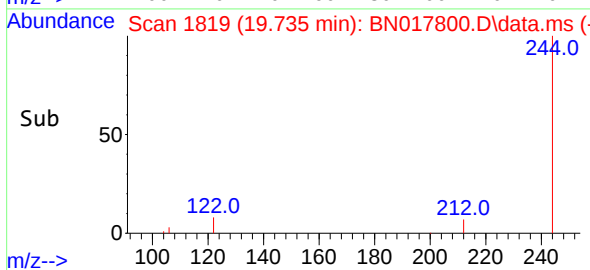
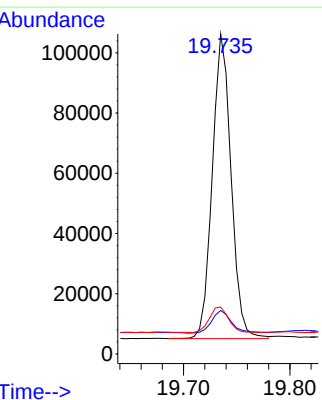
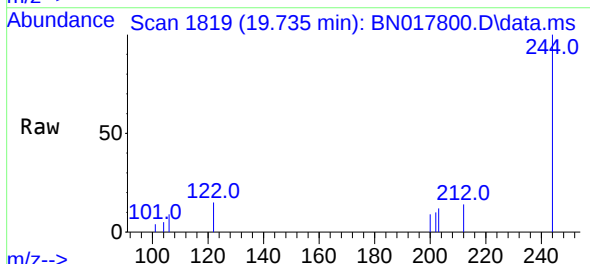
Manual Integrations
APPROVED

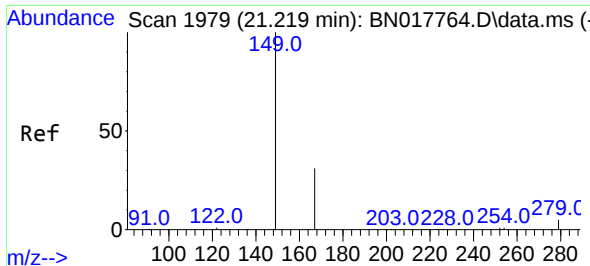
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#31
Terphenyl-d14
Concen: 0.505 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

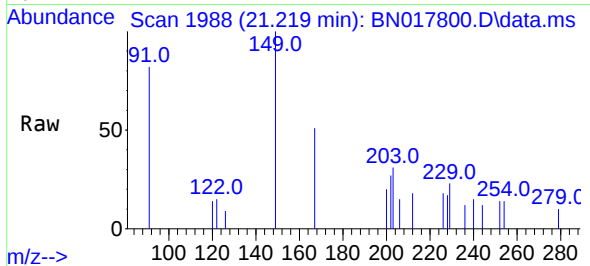
Tgt Ion:244 Resp: 124015
Ion Ratio Lower Upper
244 100
212 13.6 5.8 8.8#
122 14.7 7.1 10.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.272 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

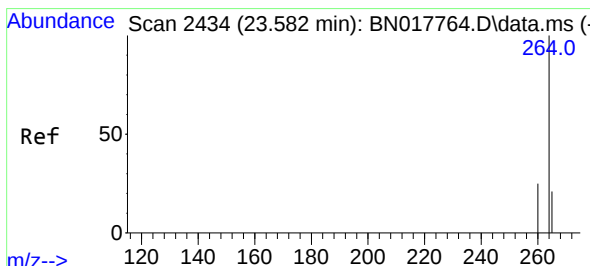
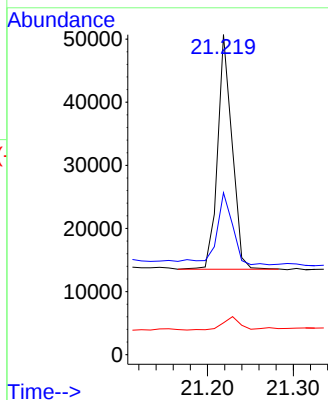
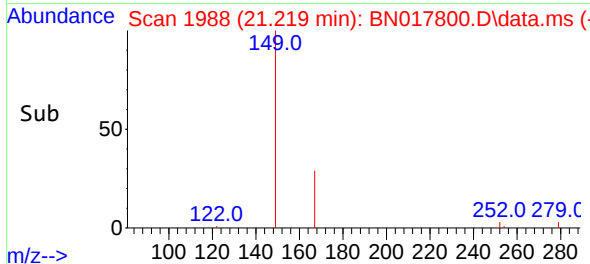
Instrument :
BNA_N
ClientSampleId :
MW-1



Tgt Ion:149 Resp: 43300
Ion Ratio Lower Upper
149 100
167 32.5 23.5 35.3
279 7.1 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: 23.596 min Scan# 2447
Delta R.T. 0.013 min
Lab File: BN017800.D
Acq: 08 Dec 2021 15:23

Tgt Ion:264 Resp: 119255
Ion Ratio Lower Upper
264 100
260 26.6 20.0 30.0
265 28.7 20.5 30.7

