

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
 Data File : BN017597.D
 Acq On : 25 Nov 2021 01:40
 Operator : CG/JU
 Sample : M4816-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-378-399-112221

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 06:05:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 03:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	25518	0.400	ng	0.00
7) Naphthalene-d8	10.522	136	113460	0.400	ng	#-0.01
13) Acenaphthene-d10	14.372	164	70004	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	134945	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	125423	0.400	ng	#-0.01
35) Perylene-d12	23.619	264	90756	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	8893	0.132	ng	0.00
5) Phenol-d6	6.925	99	6404	0.084	ng	0.00
8) Nitrobenzene-d5	8.887	82	16965	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	60879	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	16759	0.464	ng	-0.01
15) 2-Fluorobiphenyl	13.001	172	80039	0.296	ng	0.00
27) Fluoranthene-d10	19.154	212	185342	0.408	ng	0.00
31) Terphenyl-d14	19.754	244	140876	0.479	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.310	88	53359	4.294	ng	# 100
24) Pentachlorophenol	16.776	266	1300	0.121	ng	97
25) Phenanthrene	17.153	178	8521m	0.023	ng	
28) Fluoranthene	19.183	202	17218	0.039	ng	98
30) Pyrene	19.541	202	14016	0.031	ng	# 88
33) Chrysene	21.346	228	8606	0.021	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.239	149	410826	3.580	ng	99
37) Benzo(b)fluoranthene	22.921	252	10933	0.031	ng	# 79
41) Benzo(g,h,i)perylene	26.714	276	3145	0.022	ng	# 69

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

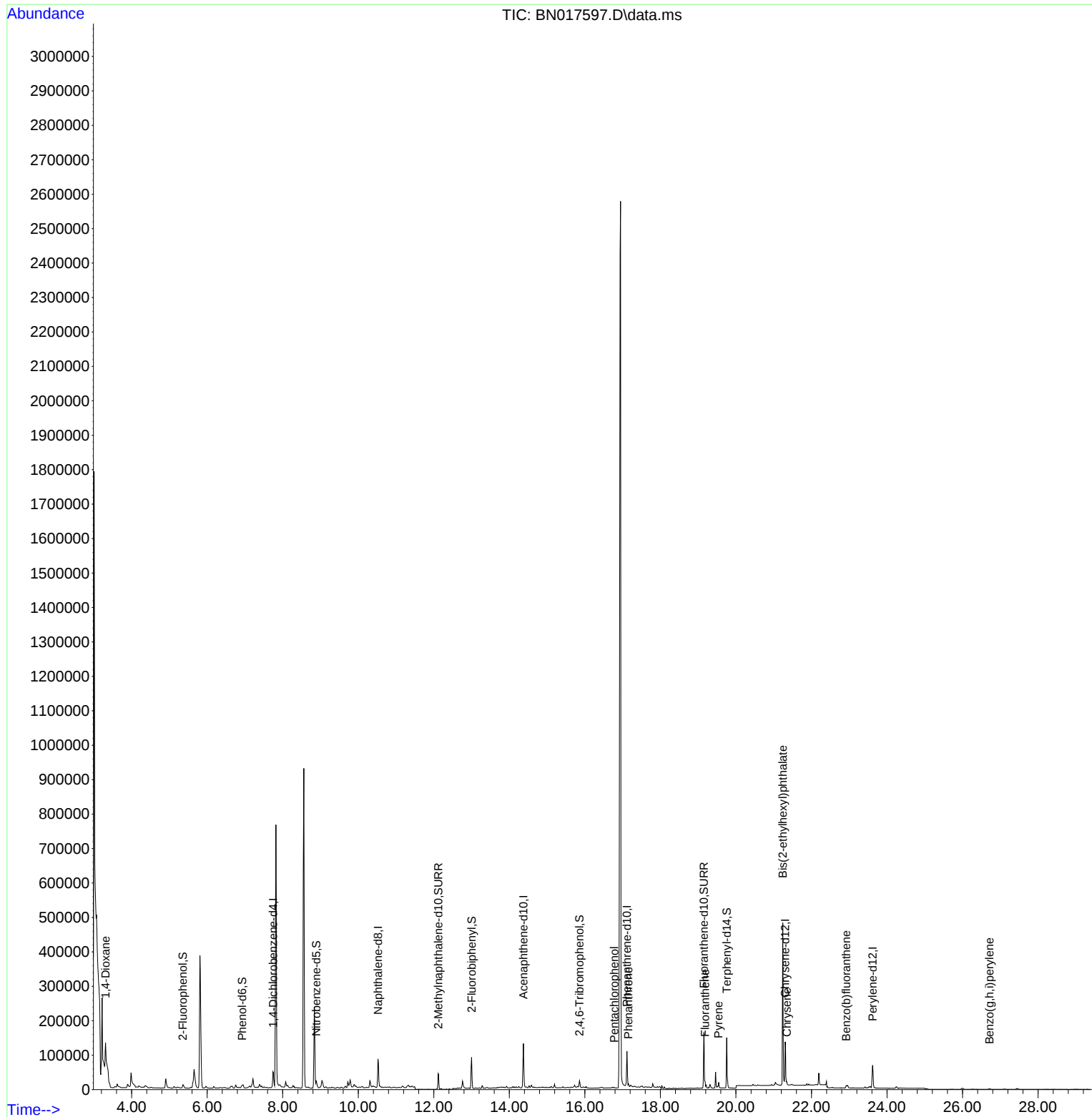
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
Data File : BN017597.D
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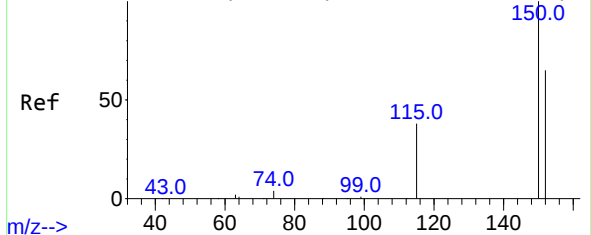
Quant Time: Nov 26 06:05:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Abundance Scan 518 (7.754 min): BN017586.D\data.ms (-51



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.745 min Scan# 51

Delta R.T. -0.009 min

Lab File: BN017597.D

Acq: 25 Nov 2021 01:40

Instrument :

BNA_N

ClientSampleId :

GWBR3D-B-378-399-112221

Tgt Ion:152 Resp: 25518

Ion Ratio Lower Upper

152 100

150 155.2 122.5 183.7

115 59.7 47.0 70.4

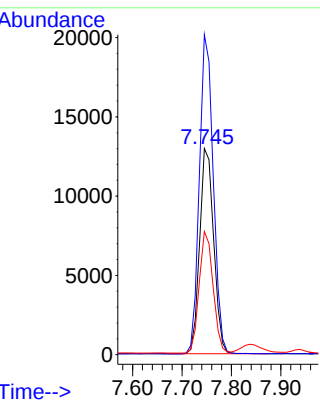
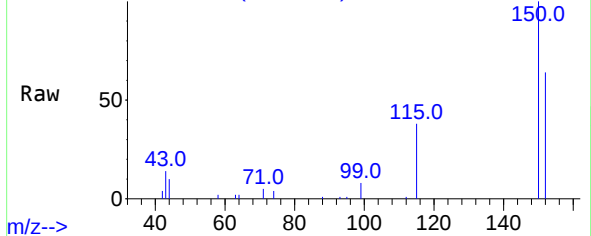
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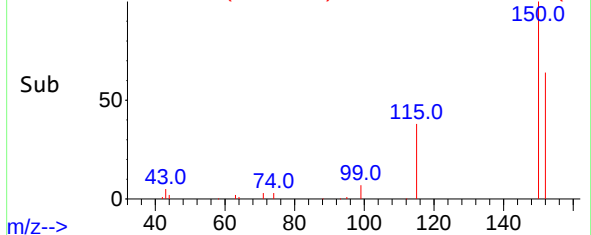
Reviewed By :Jagrut Upadhyay 11/30/2021

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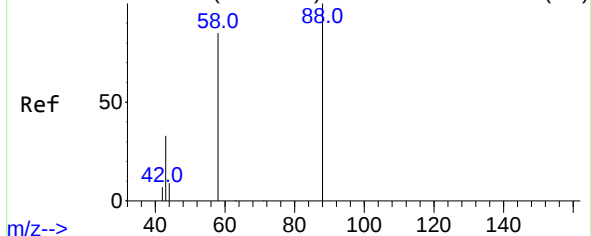
Abundance Scan 517 (7.745 min): BN017597.D\data.ms



Abundance Scan 517 (7.745 min): BN017597.D\data.ms (-50



Abundance Scan 35 (3.301 min): BN017586.D\data.ms (-33)



#2

1,4-Dioxane

Concen: 4.294 ng

RT: 3.310 min Scan# 36

Delta R.T. 0.009 min

Lab File: BN017597.D

Acq: 25 Nov 2021 01:40

Tgt Ion: 88 Resp: 53359

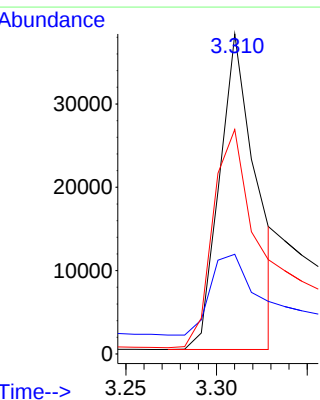
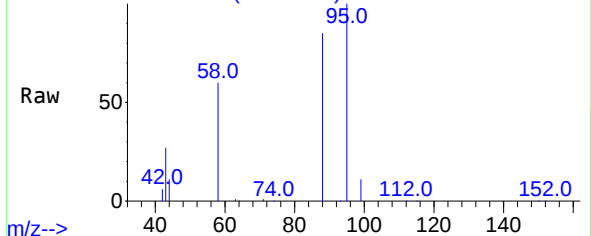
Ion Ratio Lower Upper

88 100

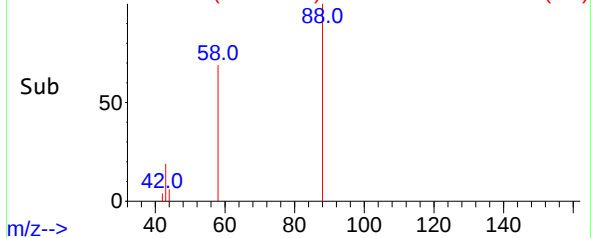
43 30.8 0.0 0.0#

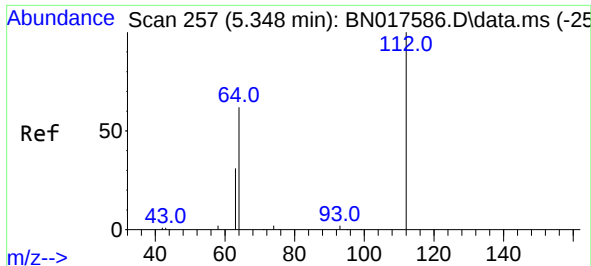
58 78.1 0.0 0.0#

Abundance Scan 36 (3.310 min): BN017597.D\data.ms



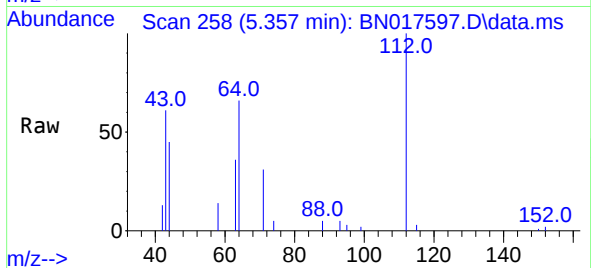
Abundance Scan 36 (3.310 min): BN017597.D\data.ms (-24)





#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.357 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

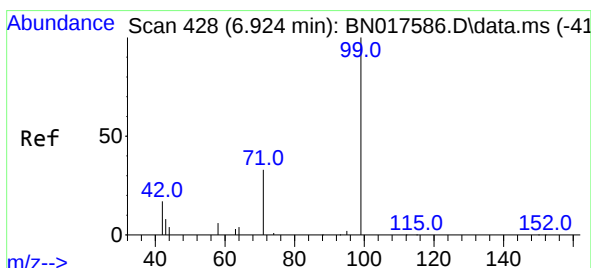
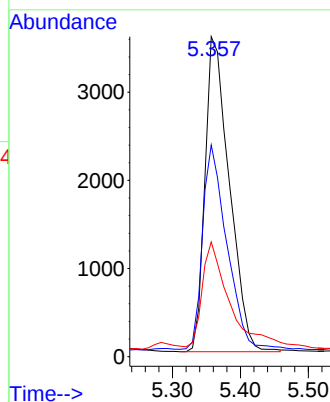
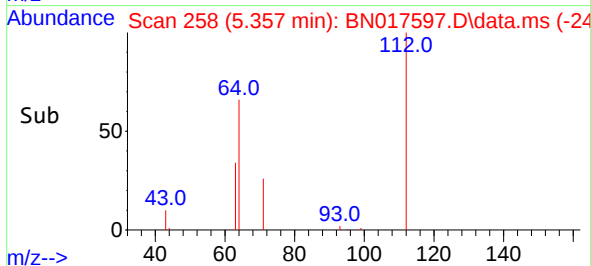
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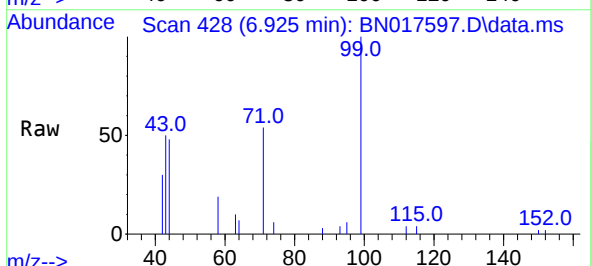
Tgt Ion: 112 Resp: 889
Ion Ratio Lower Upper
112 100
64 64.3 51.5 77.3
63 36.2 26.6 39.8

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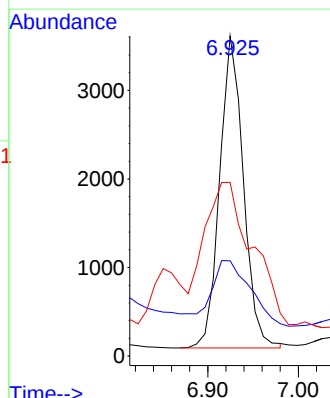
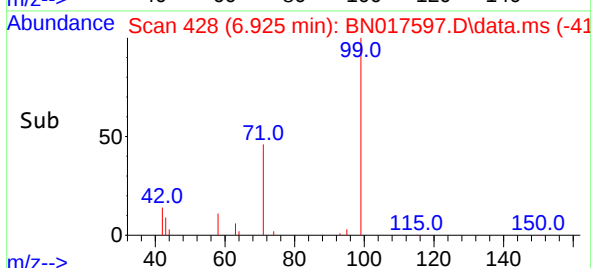
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

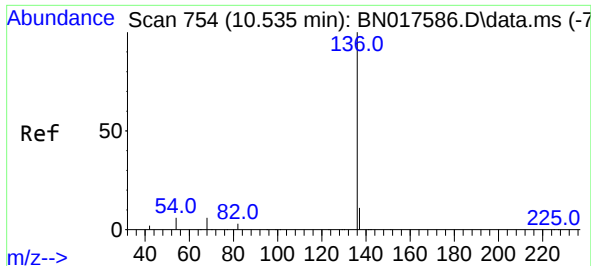


#5
Phenol-d6
Concen: 0.084 ng
RT: 6.925 min Scan# 428
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40



Tgt Ion: 99 Resp: 6404
Ion Ratio Lower Upper
99 100
42 31.2 16.2 24.2#
71 78.8 27.6 41.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.522 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

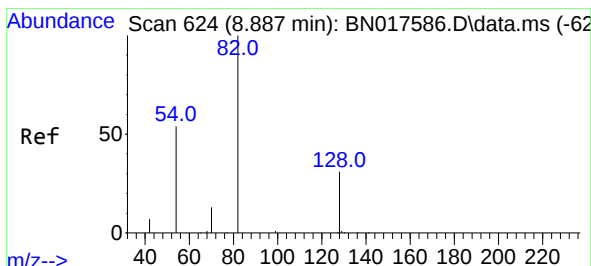
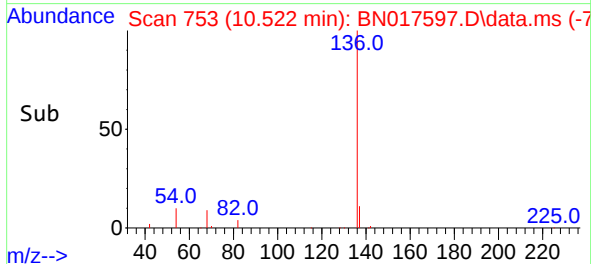
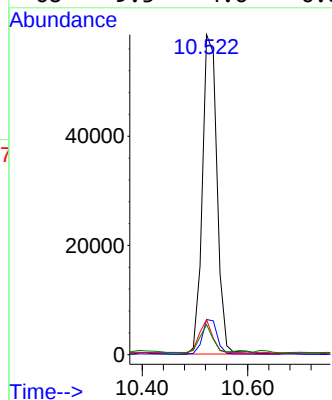
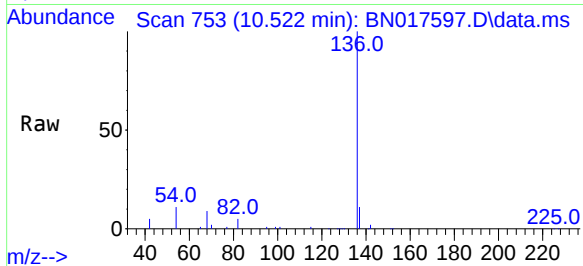
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-378-399-112221

Tgt Ion: 136 Resp: 113460

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.9	5.2	7.8
68	9.3	4.6	6.8

Manual Integrations
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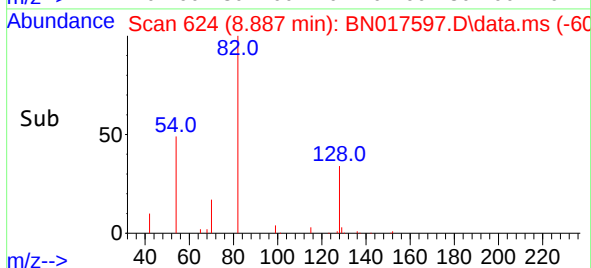
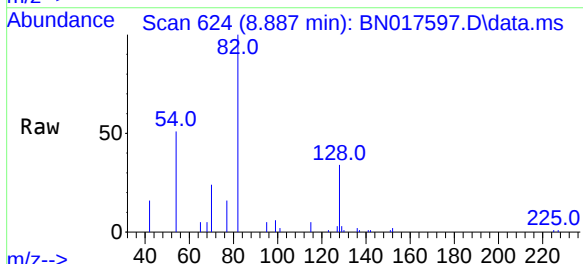
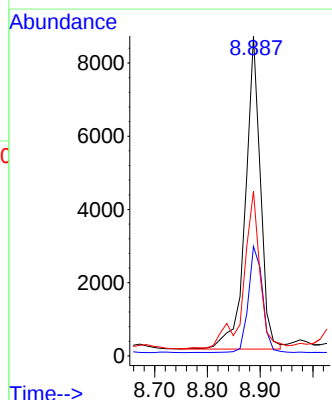
Reviewed By :Jagrut Upadhyay 11/30/2021
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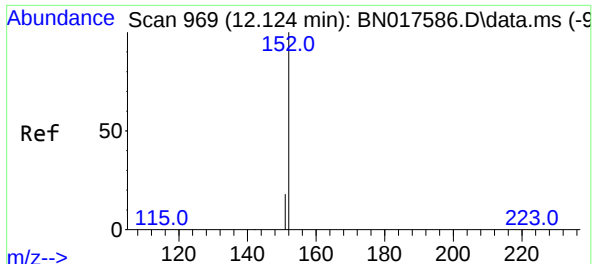


#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.887 min Scan# 624
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Tgt Ion: 82 Resp: 16965

Ion	Ratio	Lower	Upper
82	100		
128	34.3	25.3	37.9
54	51.5	43.7	65.5





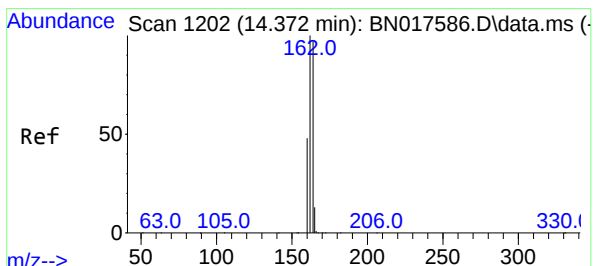
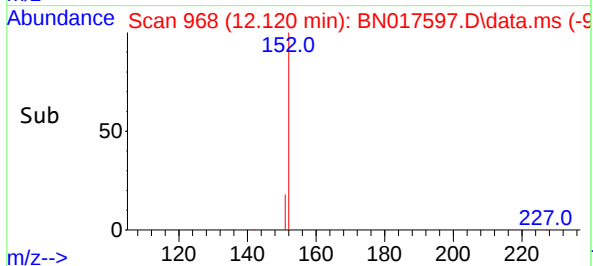
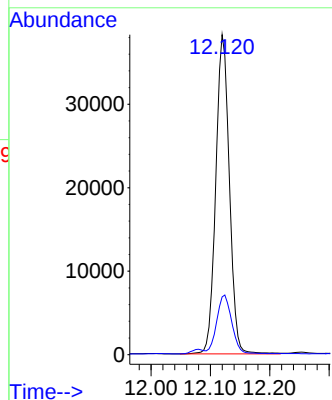
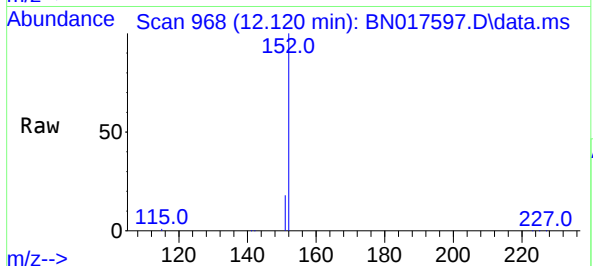
#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.120 min Scan# 90
Delta R.T. -0.004 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-378-399-112221

Tgt Ion:152 Resp: 60879
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4

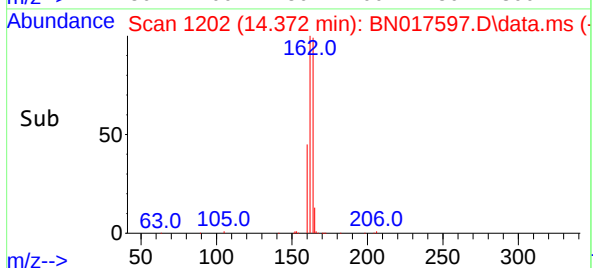
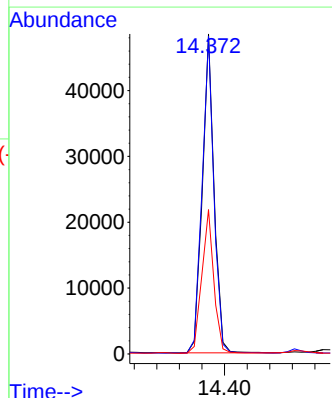
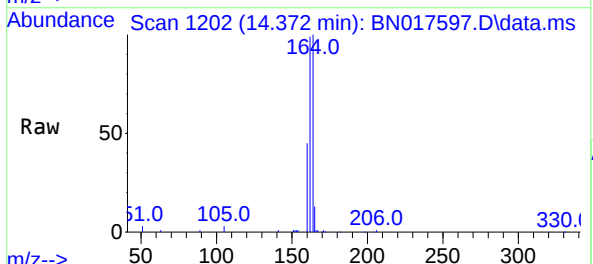
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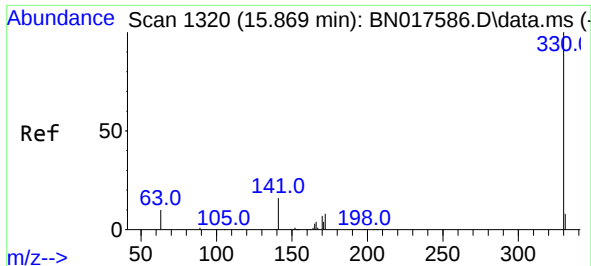
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

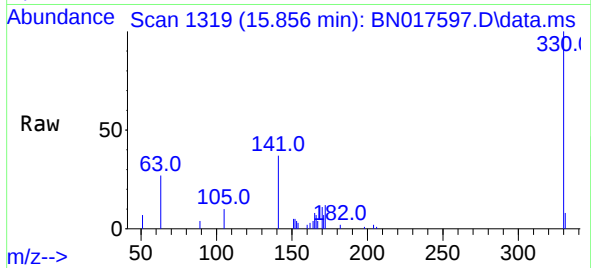
Tgt Ion:164 Resp: 70004
Ion Ratio Lower Upper
164 100
162 99.2 82.5 123.7
160 45.1 39.6 59.4





#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 15.856 min Scan# 1319
Delta R.T. -0.013 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

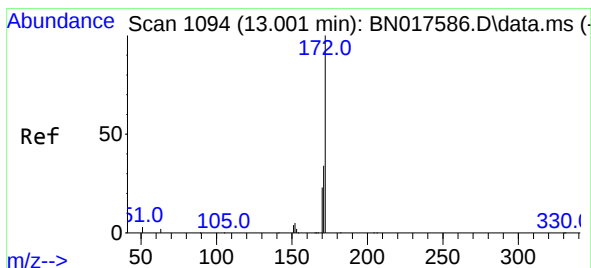
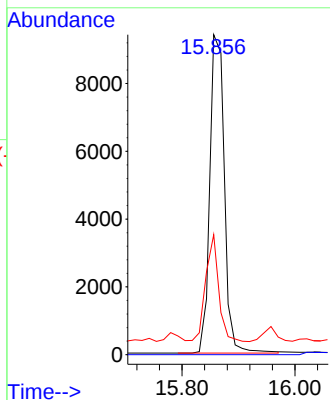
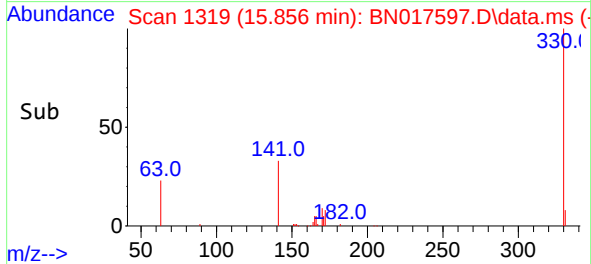
Instrument :
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Tgt Ion: 330 Resp: 16759
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.0 24.1 36.1

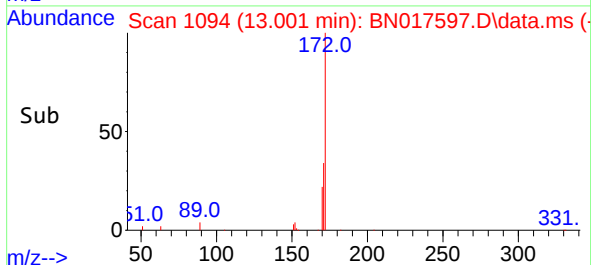
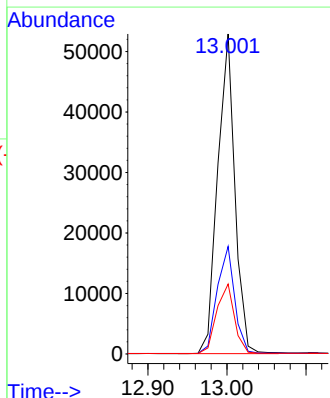
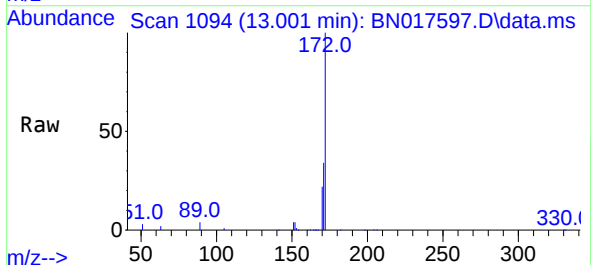
Manual Integrations
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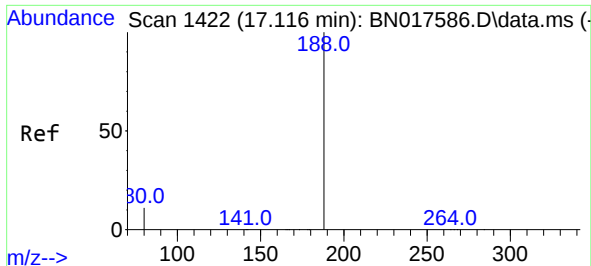
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

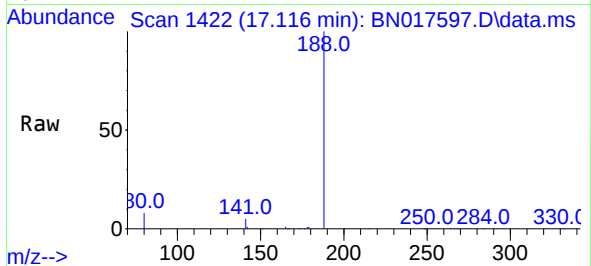
Tgt Ion: 172 Resp: 80039
Ion Ratio Lower Upper
172 100
171 33.6 27.6 41.4
170 21.9 18.3 27.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

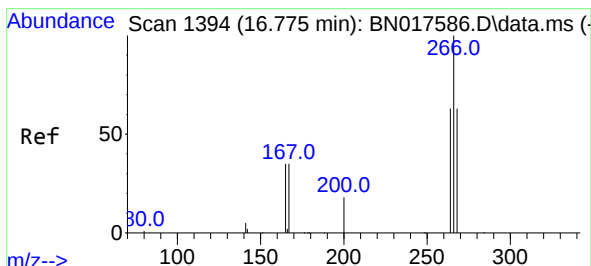
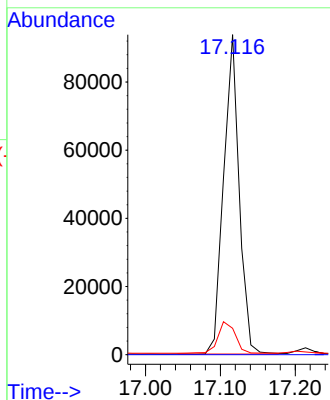
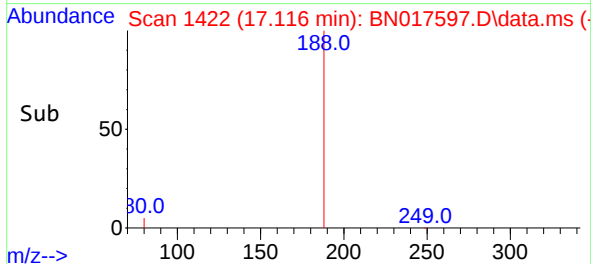
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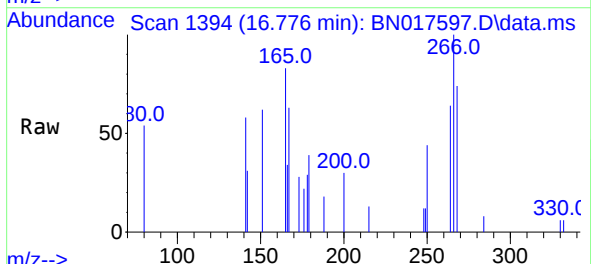
Tgt Ion:188 Resp: 134945
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 9.0 13.4

Manual Integrations
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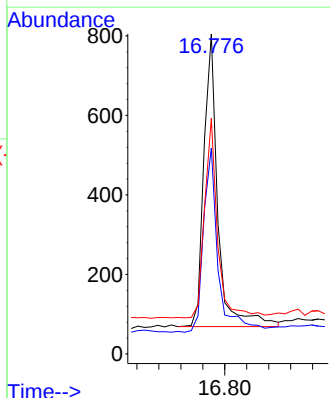
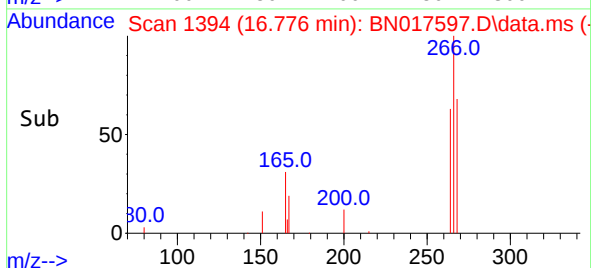
Reviewed By :Jagrut Upadhyay 11/30/2021
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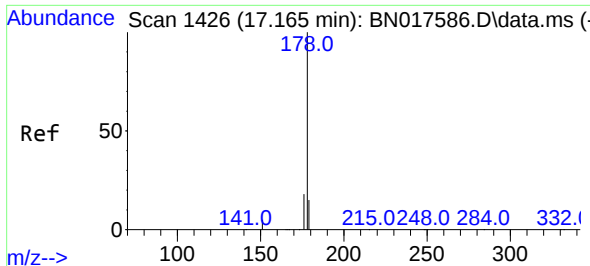


#24
Pentachlorophenol
Concen: 0.121 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40



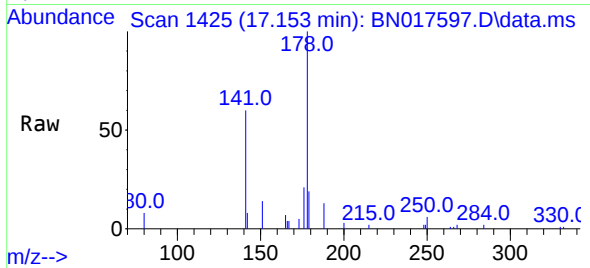
Tgt Ion:266 Resp: 1300
Ion Ratio Lower Upper
266 100
264 66.2 50.2 75.2
268 63.2 51.7 77.5





#25
Phenanthrene
Concen: 0.023 ng m
RT: 17.153 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

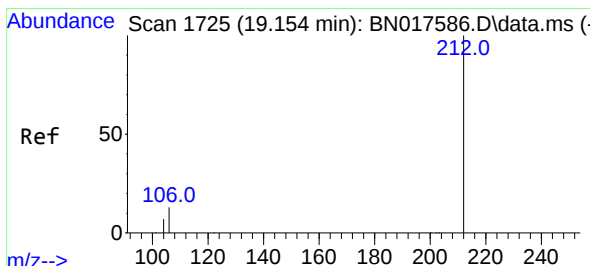
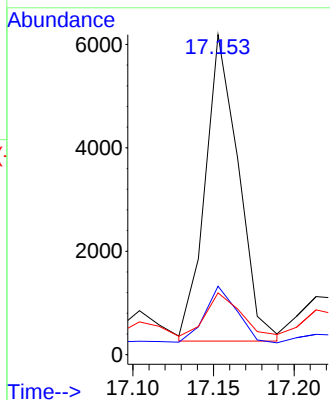
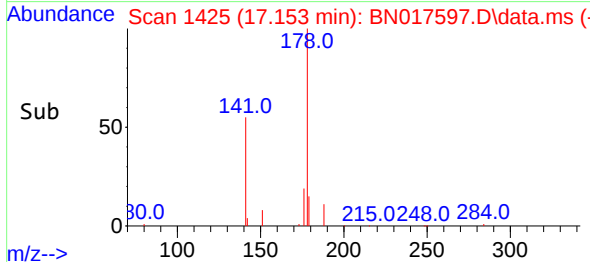
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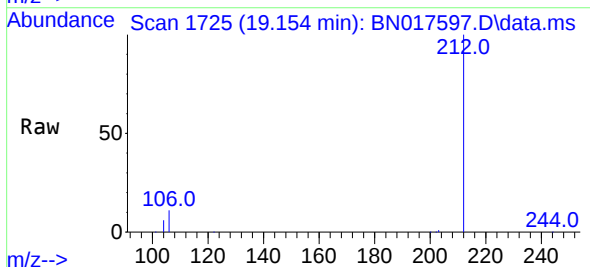
Tgt Ion:178 Resp: 852
Ion Ratio Lower Upper
178 100
176 20.8 15.0 22.6
179 14.4 12.2 18.4

Manual Integrations
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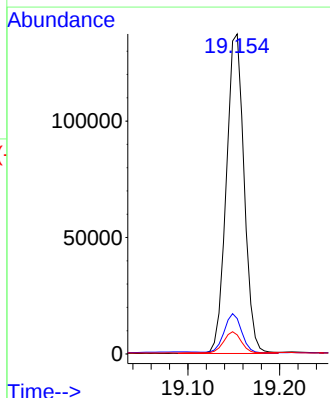
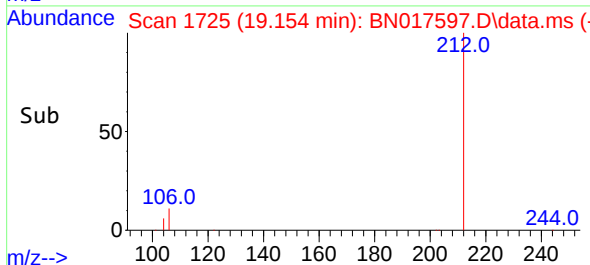
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

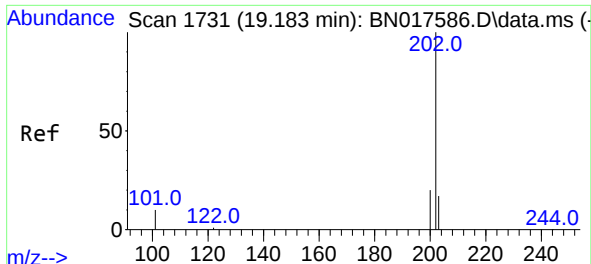


#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.154 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40



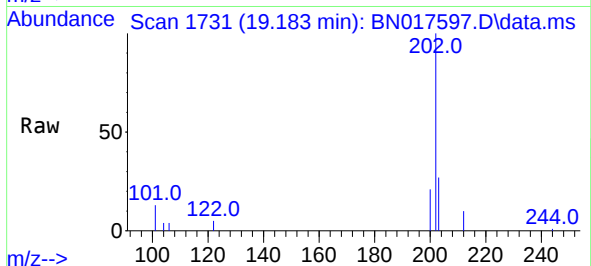
Tgt Ion:212 Resp: 185342
Ion Ratio Lower Upper
212 100
106 11.9 9.6 14.4
104 6.4 5.3 7.9





#28
Fluoranthene
Concen: 0.039 ng
RT: 19.183 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

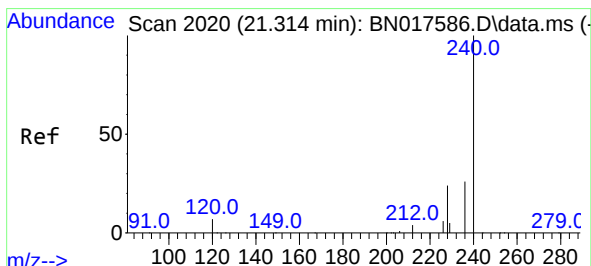
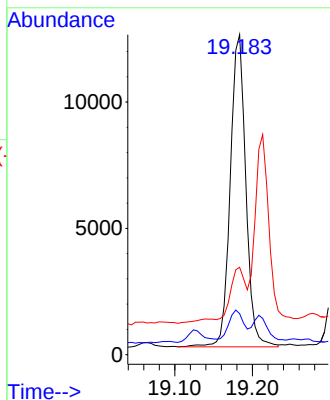
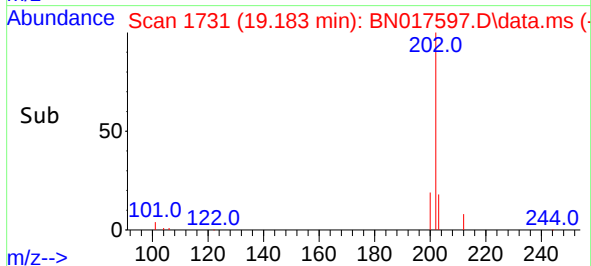
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-378-399-112221



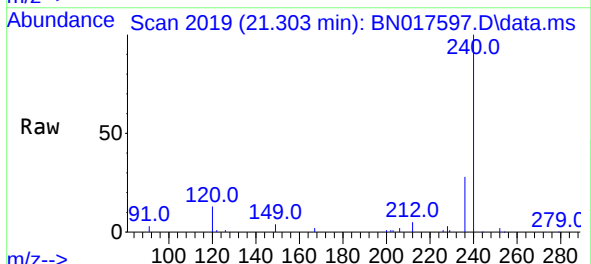
Tgt Ion: 202 Resp: 17218
Ion Ratio Lower Upper
202 100
101 9.6 8.3 12.5
203 16.8 13.9 20.9

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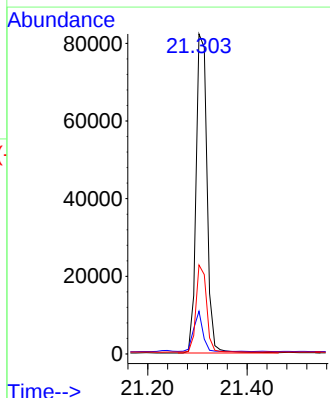
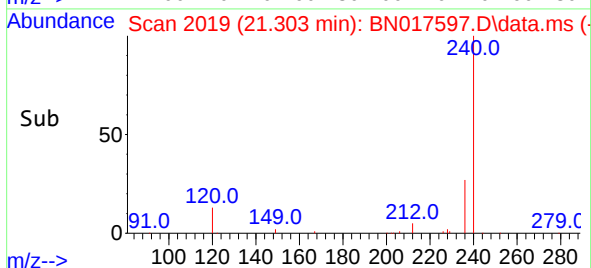
Reviewed By : Jagrut Upadhyay 11/30/2021
Supervised By : Sohil Jodhani 11/30/2021

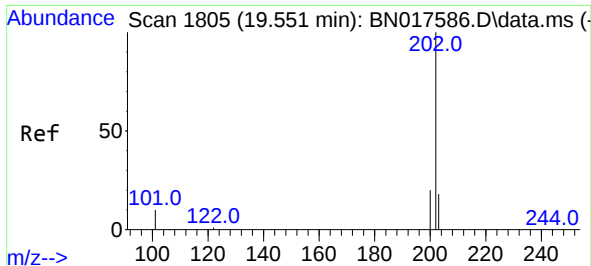


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40



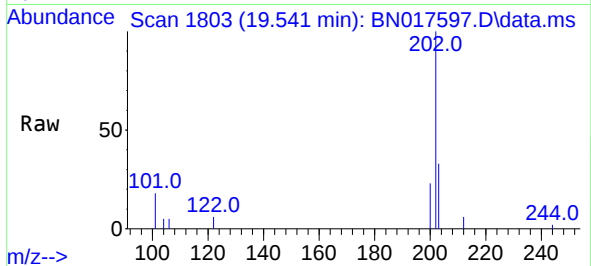
Tgt Ion: 240 Resp: 125423
Ion Ratio Lower Upper
240 100
120 13.4 6.1 9.1#
236 27.8 21.2 31.8





#30
Pyrene
Concen: 0.031 ng
RT: 19.541 min Scan# 1803
Delta R.T. -0.010 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

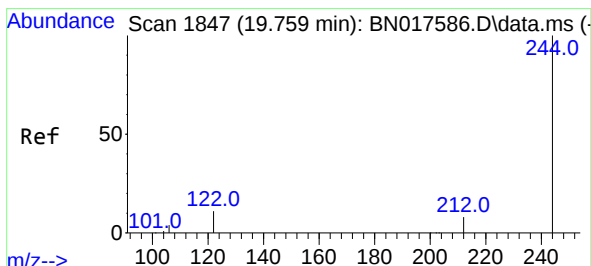
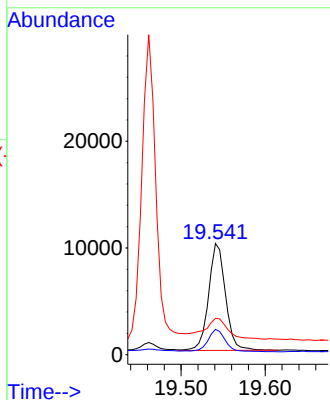
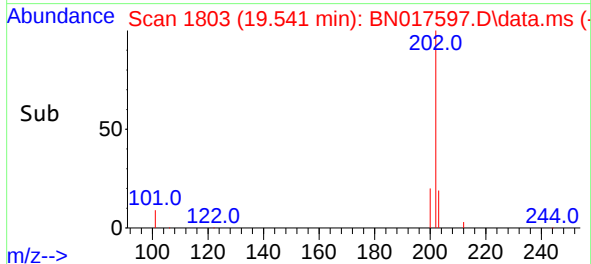
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-378-399-112221



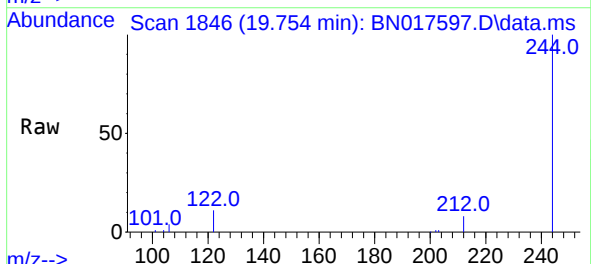
Tgt Ion:202 Resp: 14010
Ion Ratio Lower Upper
202 100
200 21.6 16.4 24.6
203 27.1 13.9 20.9

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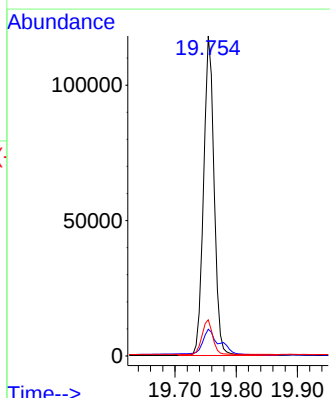
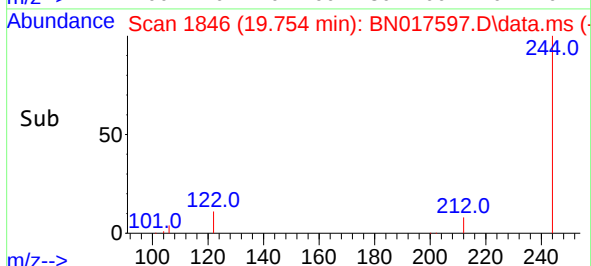
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

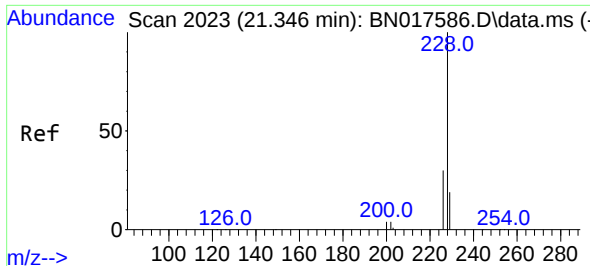


#31
Terphenyl-d14
Concen: 0.479 ng
RT: 19.754 min Scan# 1846
Delta R.T. -0.005 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40



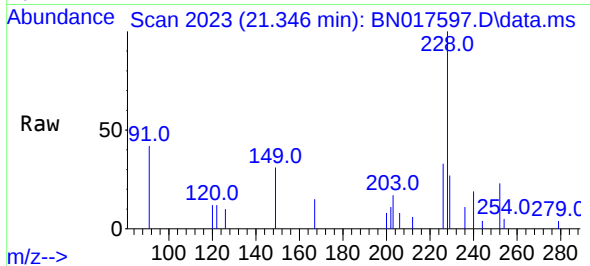
Tgt Ion:244 Resp: 140876
Ion Ratio Lower Upper
244 100
212 8.3 6.2 9.2
122 11.3 8.9 13.3





#33
Chrysene
Concen: 0.021 ng
RT: 21.346 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

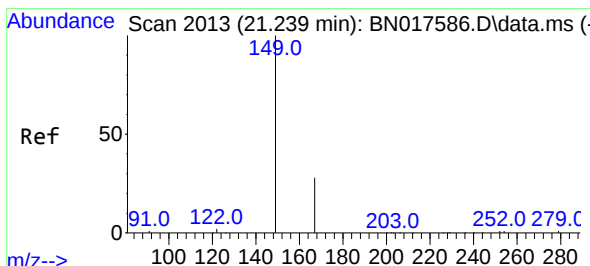
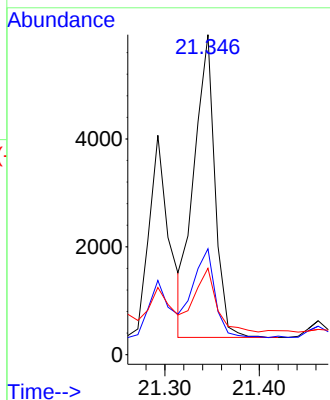
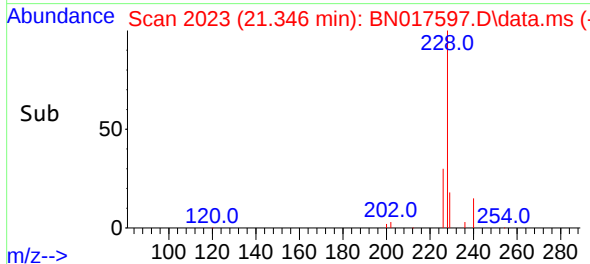
Instrument :
BNA_N
ClientSampleId :
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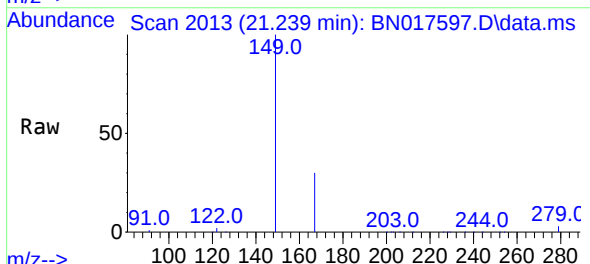
Tgt Ion:228 Resp: 8600
Ion Ratio Lower Upper
228 100
226 33.1 24.0 36.0
229 27.0 15.6 23.4

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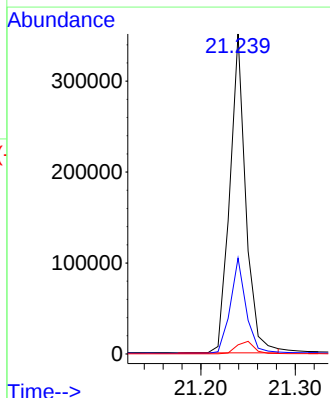
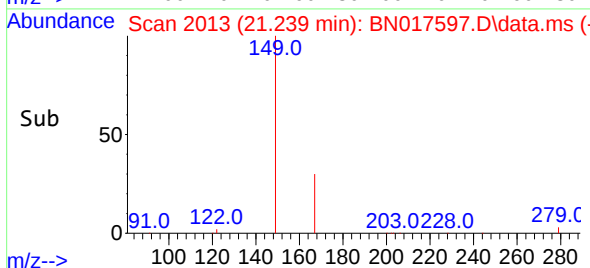
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

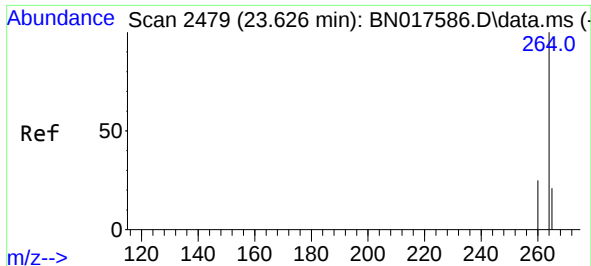


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.580 ng
RT: 21.239 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40



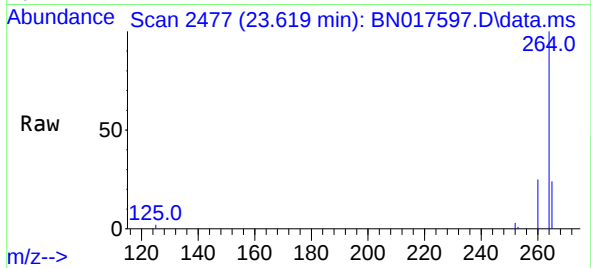
Tgt Ion:149 Resp: 410826
Ion Ratio Lower Upper
149 100
167 29.5 23.2 34.8
279 4.3 3.4 5.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.619 min Scan# 2477
Delta R.T. -0.007 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

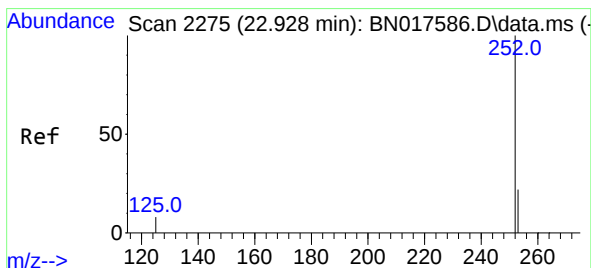
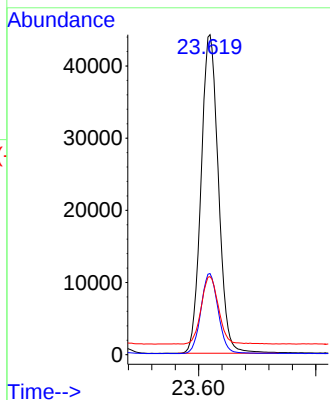
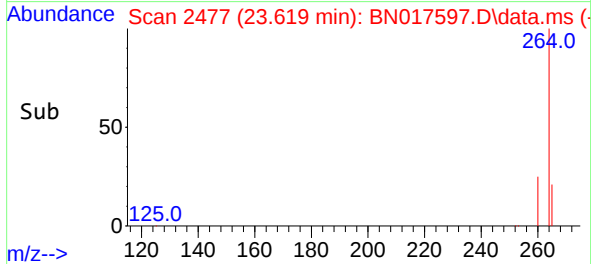
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:264 Resp: 90750
Ion Ratio Lower Upper
264 100
260 25.3 20.1 30.1
265 24.4 20.6 30.8

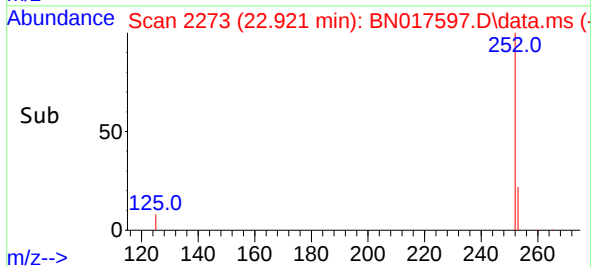
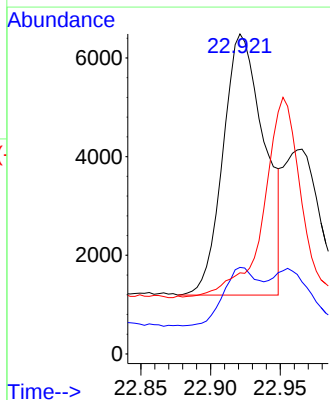
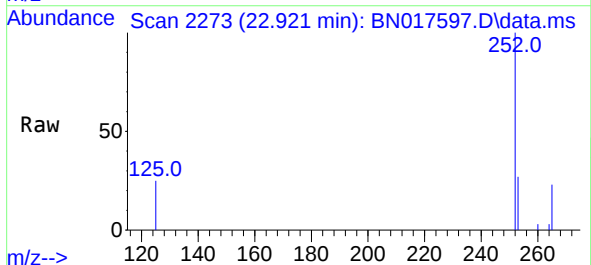
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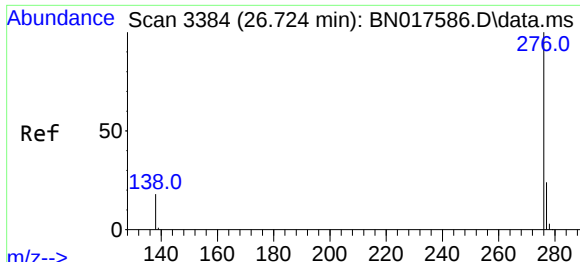
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#37
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 22.921 min Scan# 2273
Delta R.T. -0.007 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

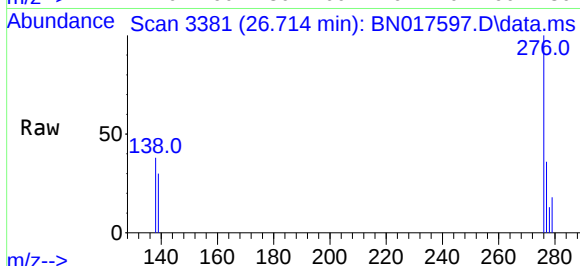
Tgt Ion:252 Resp: 10933
Ion Ratio Lower Upper
252 100
253 27.1 17.5 26.3#
125 25.3 7.1 10.7#





#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 26.714 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-378-399-112221



Tgt Ion: 276 Resp: 3145
Ion Ratio Lower Upper
276 100
277 36.1 20.0 30.0
138 38.5 15.7 23.5

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Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

