

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017367.D
 Acq On : 10 Nov 2021 03:01
 Operator : CG/JU
 Sample : M4508-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-518-520

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 11:22:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 10 11:00:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	27592	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	129391	0.400	ng	0.01
13) Acenaphthene-d10	14.181	164	67560	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	127542	0.400	ng	0.00
29) Chrysene-d12	21.133	240	119428	0.400	ng	# 0.00
35) Perylene-d12	23.332	264	99245	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	9493	0.149	ng	0.02
5) Phenol-d6	6.740	99	6331	0.090	ng	0.00
8) Nitrobenzene-d5	8.697	82	22430	0.289	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	60529	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	7444	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	82343	0.320	ng	0.01
27) Fluoranthene-d10	18.975	212	142260	0.437	ng	0.00
31) Terphenyl-d14	19.590	244	128449	0.483	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.153	88	9409	0.609	ng	Qvalue 97
24) Pentachlorophenol	16.593	266	1224	0.251	ng	99
25) Phenanthrene	16.970	178	8401m	0.023	ng	
28) Fluoranthene	19.005	202	9634	0.024	ng	97
30) Pyrene	19.367	202	9051	0.023	ng	99
32) Benzo(a)anthracene	21.122	228	8828	0.024	ng	98
33) Chrysene	21.176	228	8460	0.022	ng	97
34) Bis(2-ethylhexyl)phtha...	21.080	149	47126	0.369	ng	100
37) Benzo(b)fluoranthene	22.678	252	7795	0.024	ng	# 84
38) Benzo(k)fluoranthene	22.722	252	7577	0.023	ng	# 77
39) Benzo(a)pyrene	23.239	252	6248	0.022	ng	# 77
41) Benzo(g,h,i)perylene	26.221	276	6056	0.020	ng	94

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

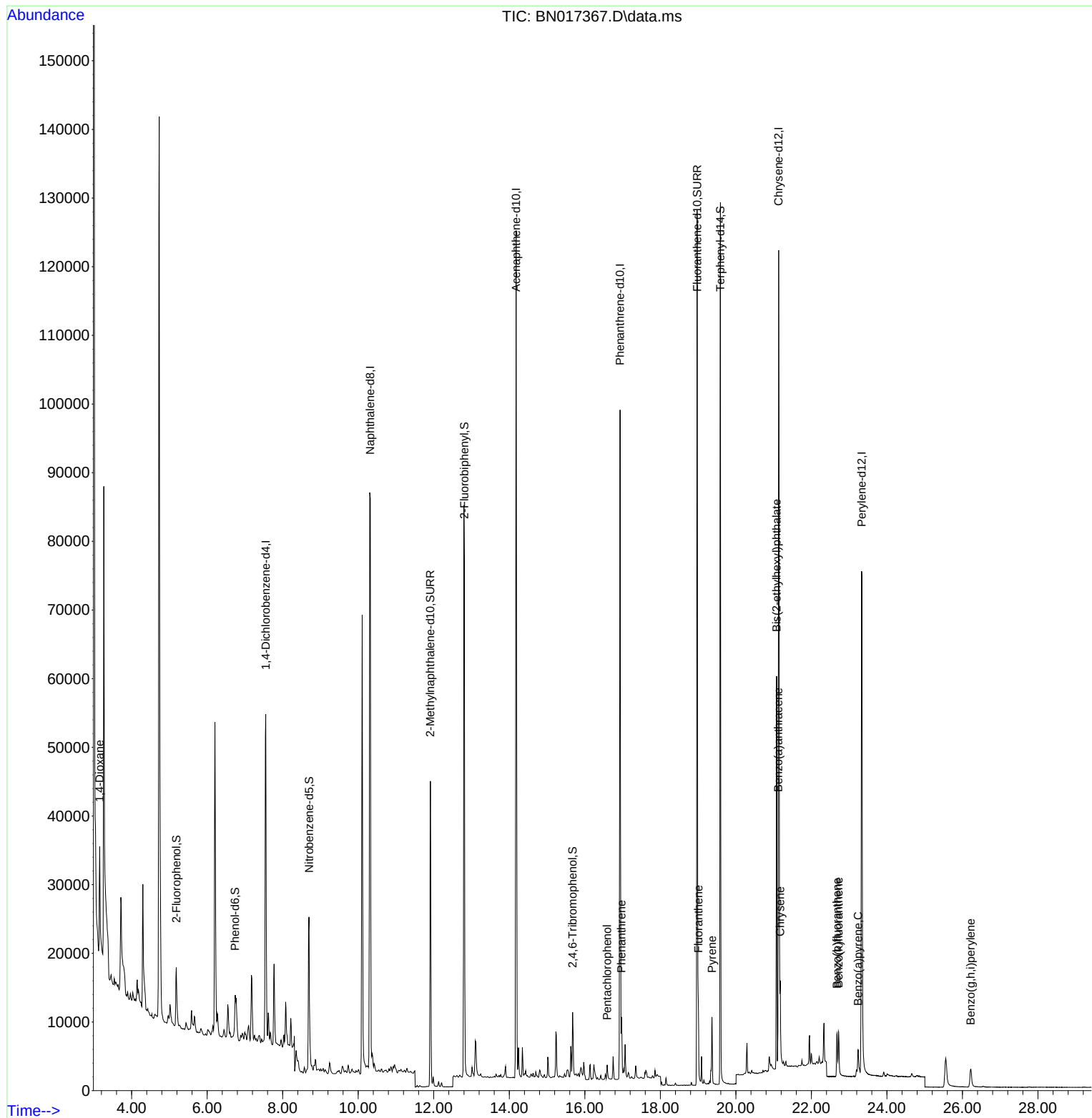
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017367.D
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ALS Vial : 26 Sample Multiplier: 1

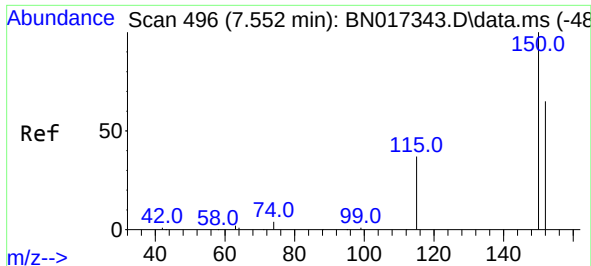
Instrument :
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BP-VPB-RW9-GW-518-520

Quant Time: Nov 10 11:22:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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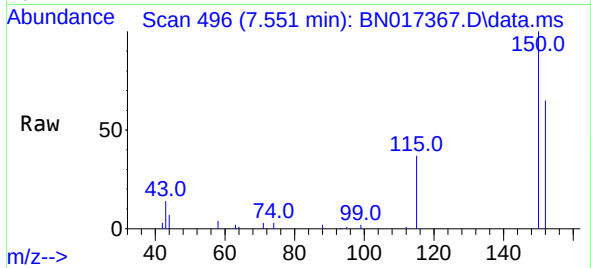
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.551 min Scan# 49
 Delta R.T. 0.009 min
 Lab File: BN017367.D
 Acq: 10 Nov 2021 03:01

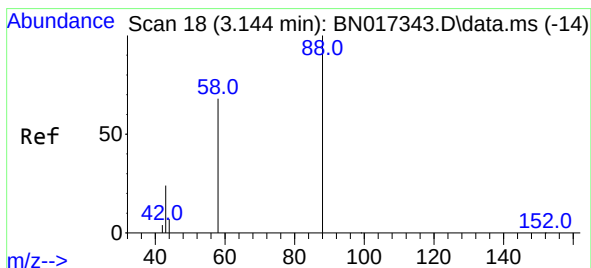
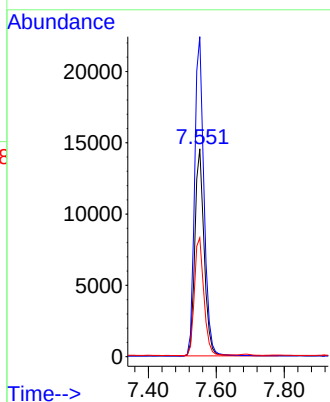
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-518-520



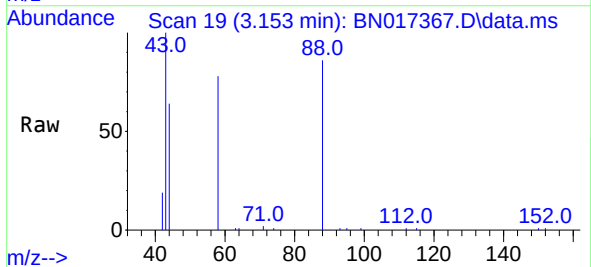
Tgt Ion:152 Resp: 27592
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.0 184.4
 115 57.2 45.6 68.4

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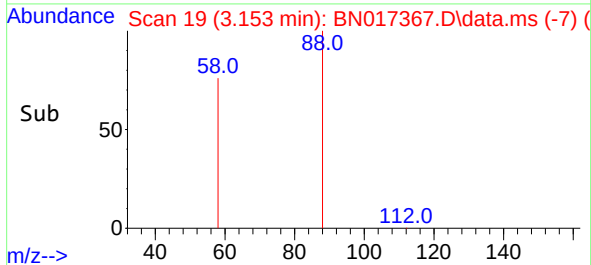
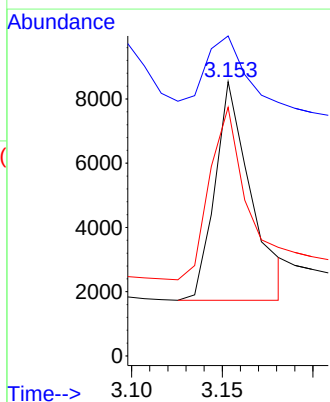
Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

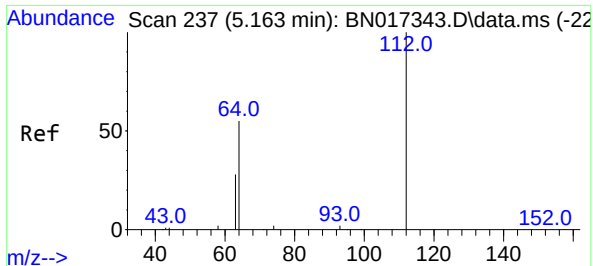


#2
 1,4-Dioxane
 Concen: 0.609 ng
 RT: 3.153 min Scan# 19
 Delta R.T. 0.009 min
 Lab File: BN017367.D
 Acq: 10 Nov 2021 03:01



Tgt Ion: 88 Resp: 9409
 Ion Ratio Lower Upper
 88 100
 43 29.6 24.7 37.1
 58 81.5 63.0 94.6





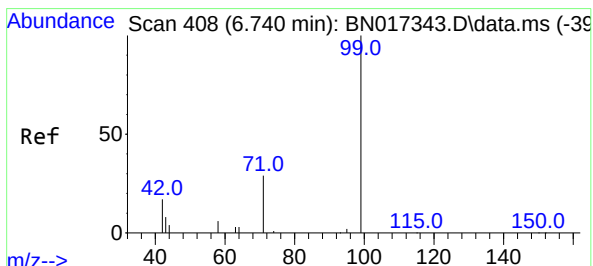
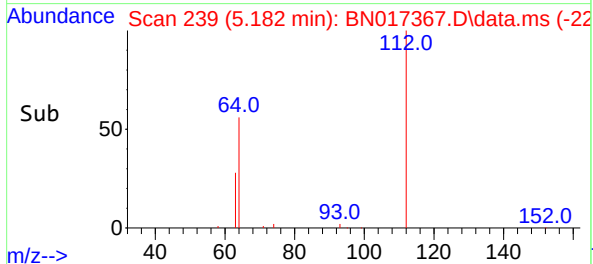
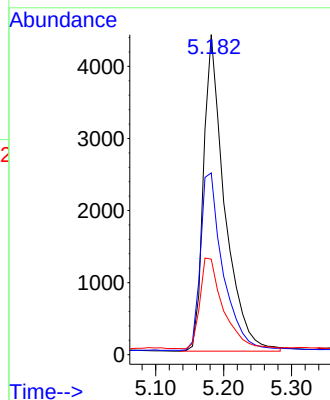
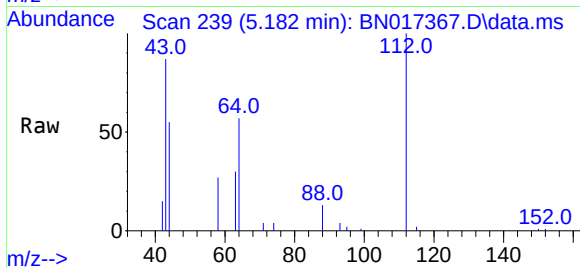
#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.182 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-518-520

Tgt Ion:112 Resp: 949
Ion Ratio Lower Upper
112 100
64 59.6 47.6 71.4
63 31.1 24.6 37.0

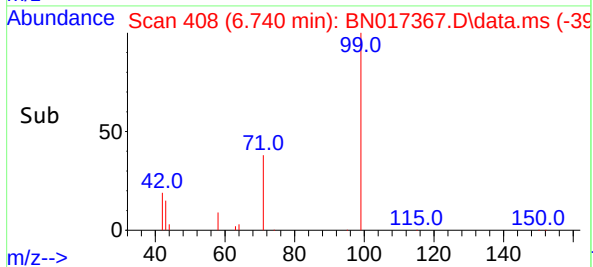
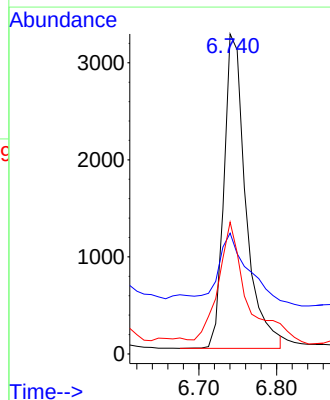
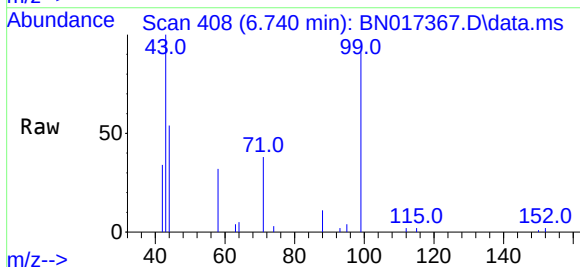
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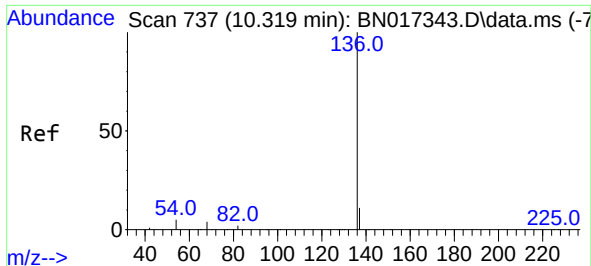
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#5
Phenol-d6
Concen: 0.090 ng
RT: 6.740 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

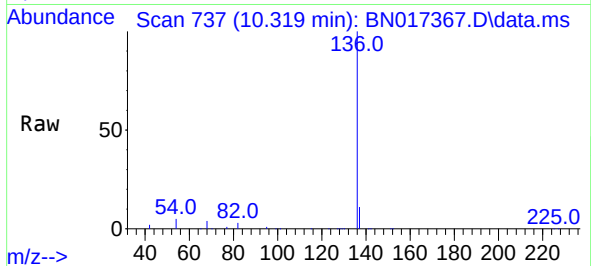
Tgt Ion: 99 Resp: 6331
Ion Ratio Lower Upper
99 100
42 26.9 17.0 25.6#
71 45.6 24.8 37.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 71
Delta R.T. 0.012 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

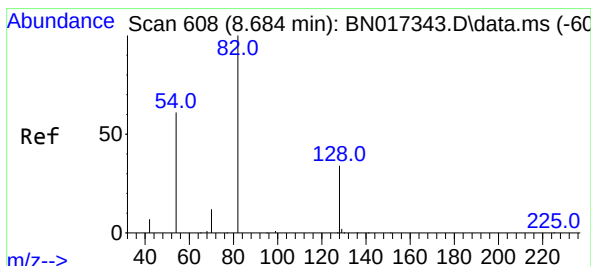
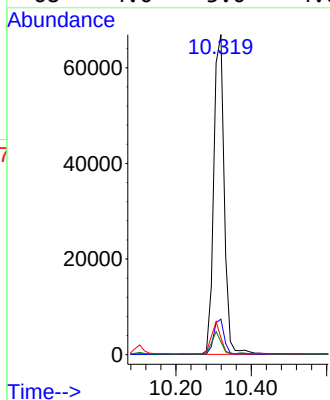
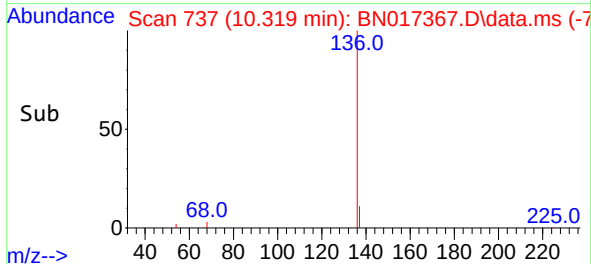
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-518-520



Tgt Ion:136 Resp: 12939
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.3 4.0 6.0
68 4.0 3.0 4.6

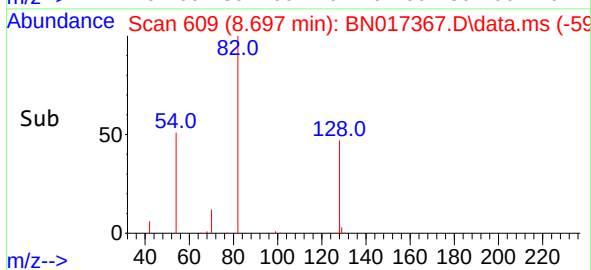
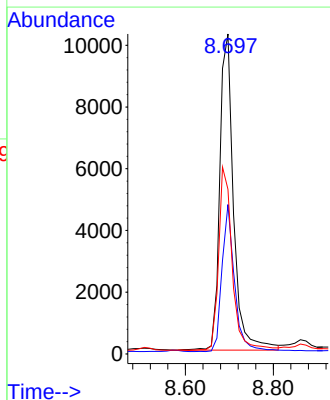
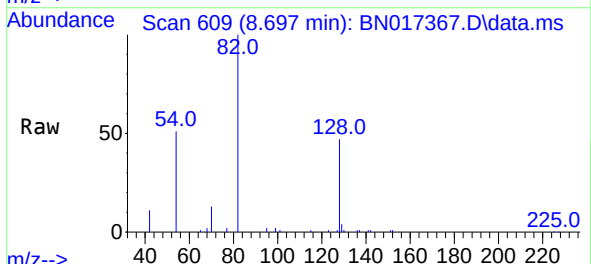
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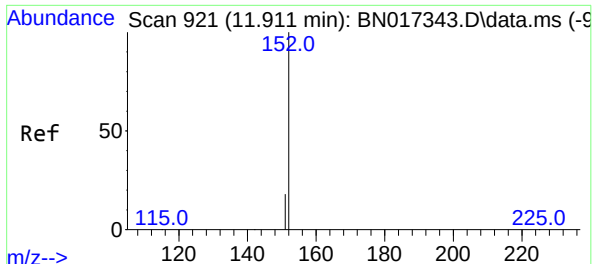
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.697 min Scan# 609
Delta R.T. 0.012 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

Tgt Ion: 82 Resp: 22430
Ion Ratio Lower Upper
82 100
128 46.7 27.7 41.5#
54 51.5 49.2 73.8





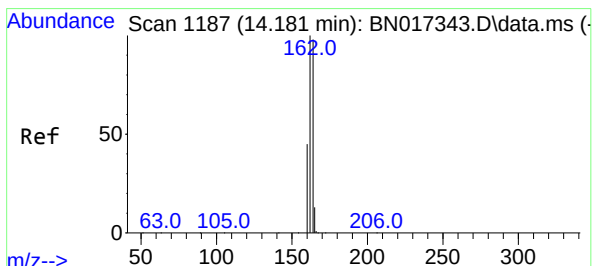
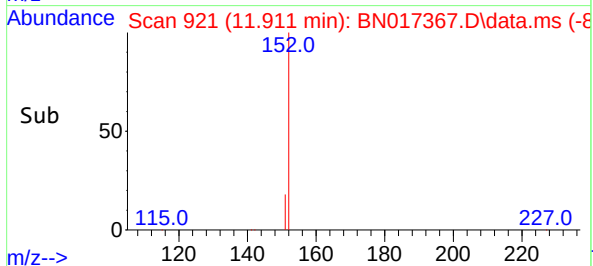
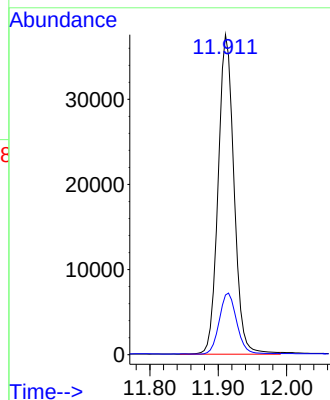
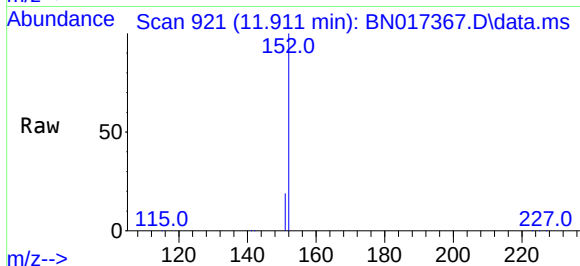
#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 11.911 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-518-520

Tgt Ion:152 Resp: 60529
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4

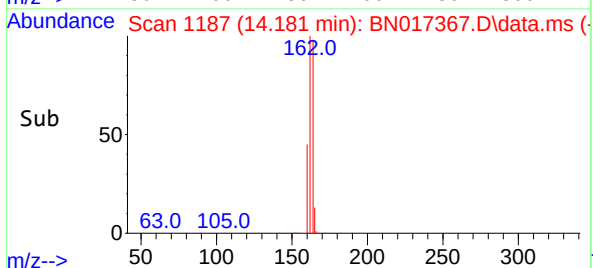
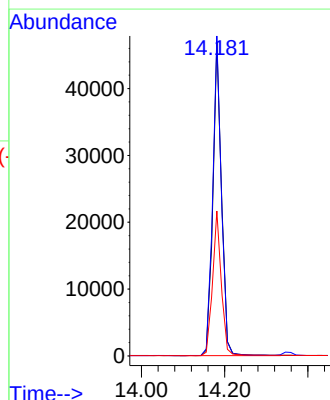
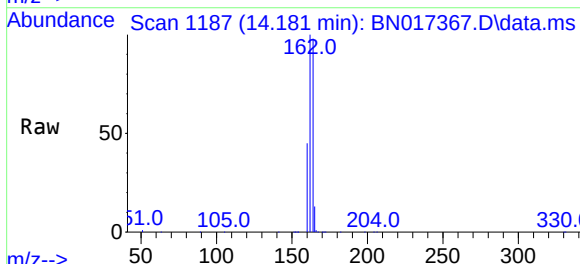
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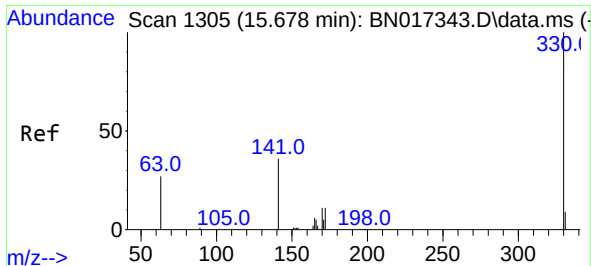
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.181 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

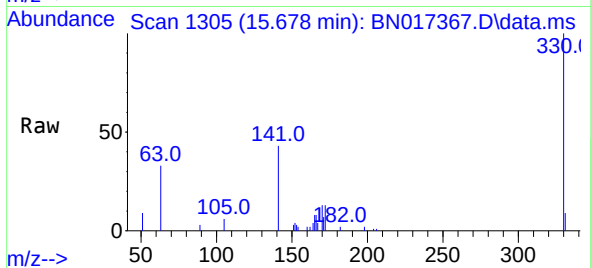
Tgt Ion:164 Resp: 67560
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.2
160 46.2 36.8 55.2





#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.678 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

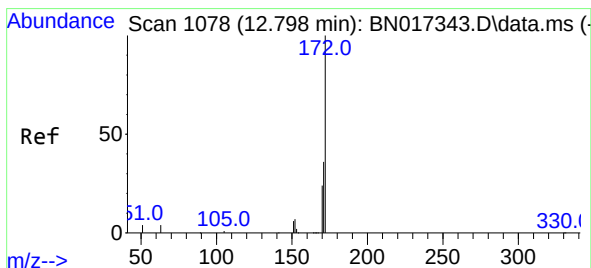
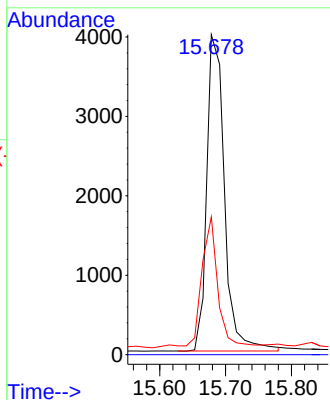
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-518-520



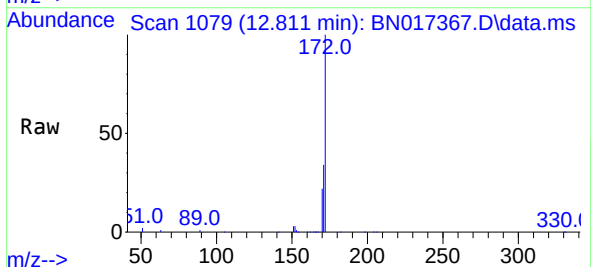
Tgt Ion:330 Resp: 744
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.4 28.9 43.3

Manual Integrations
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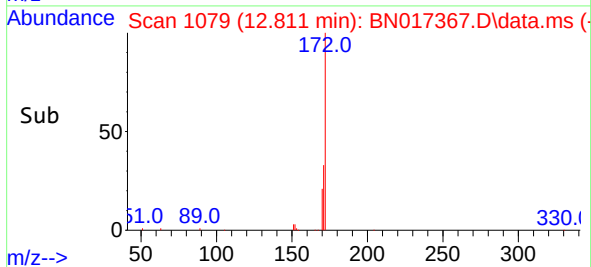
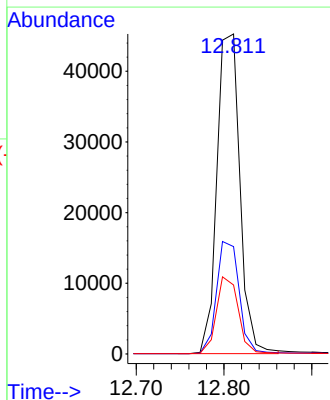
Reviewed By :Jagrut Upadhyay 11/10/2021
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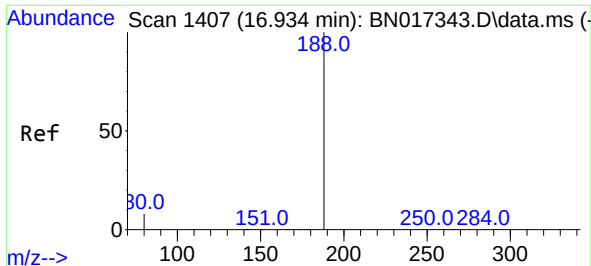


#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.811 min Scan# 1079
Delta R.T. 0.012 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01



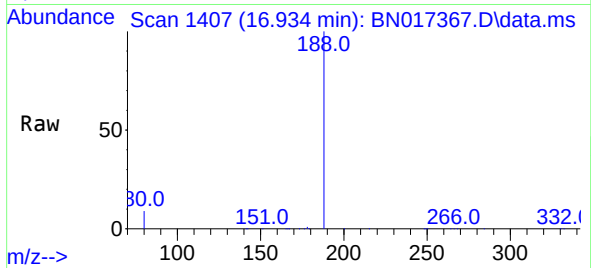
Tgt Ion:172 Resp: 82343
Ion Ratio Lower Upper
172 100
171 33.5 28.7 43.1
170 21.5 19.4 29.2





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

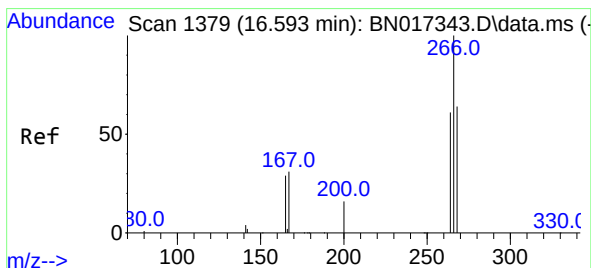
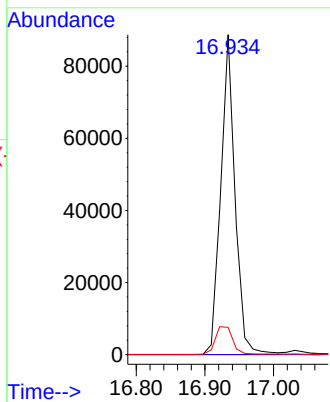
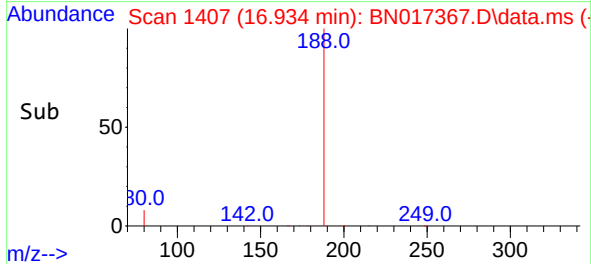
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Tgt Ion:188 Resp: 12754
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 6.1 9.1

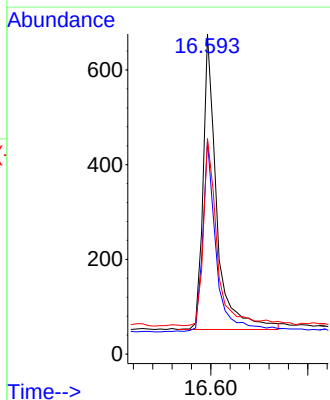
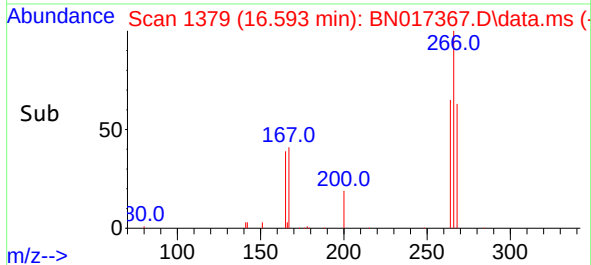
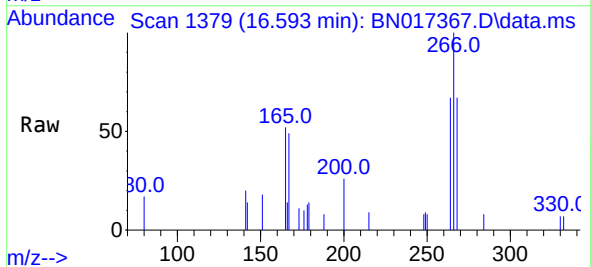
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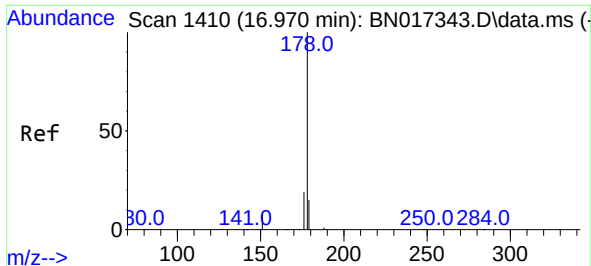
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#24
Pentachlorophenol
Concen: 0.251 ng
RT: 16.593 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

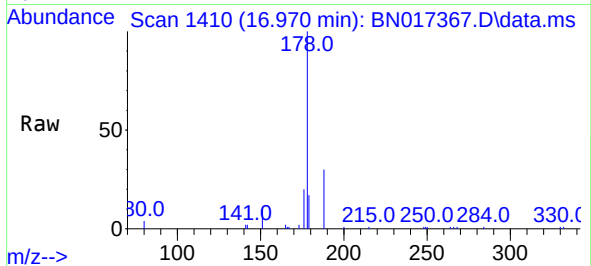
Tgt Ion:266 Resp: 1224
Ion Ratio Lower Upper
266 100
264 63.3 49.8 74.8
268 63.8 51.3 76.9





#25
Phenanthrene
Concen: 0.023 ng m
RT: 16.970 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

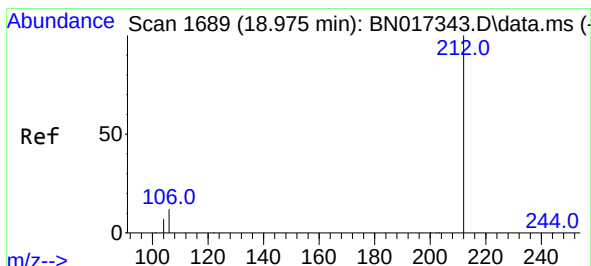
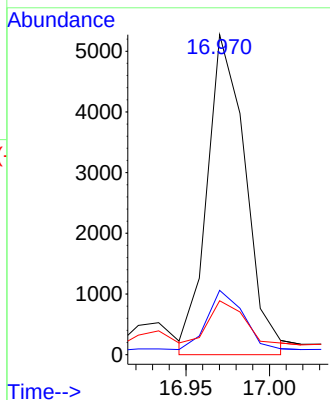
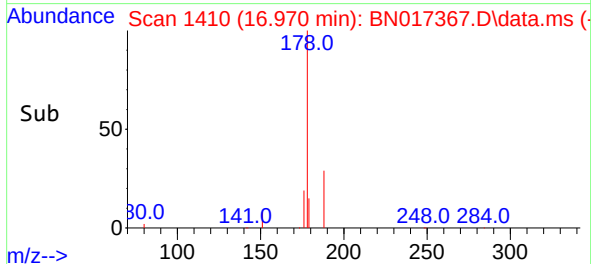
Instrument :
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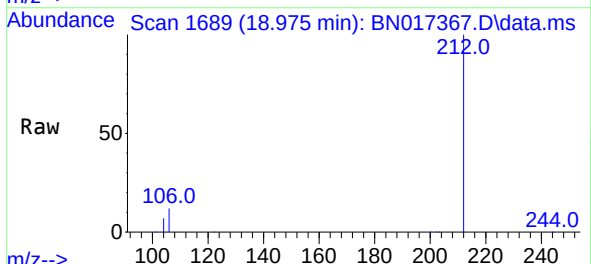
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Ion Ratio Lower Upper
178 100
176 11.4 15.0 22.6
179 11.1 12.3 18.5

Manual Integrations
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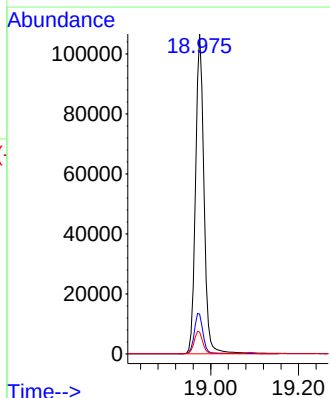
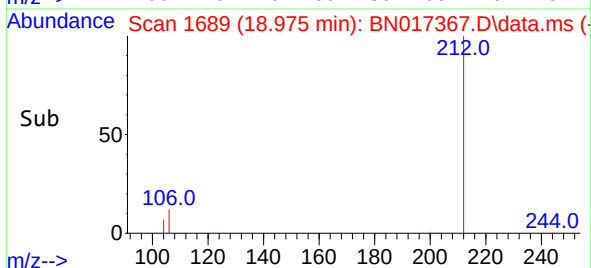
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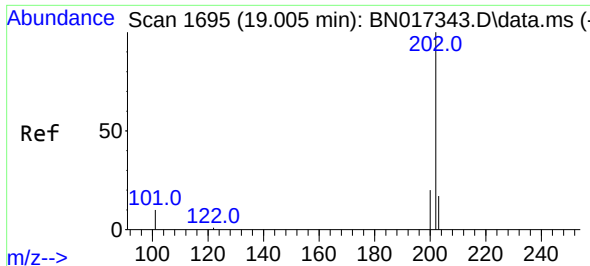


#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 18.975 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01



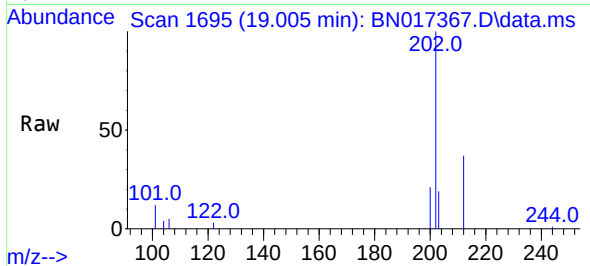
Tgt Ion:212 Resp: 142260
Ion Ratio Lower Upper
212 100
106 13.0 10.5 15.7
104 7.2 5.8 8.6





#28
Fluoranthene
Concen: 0.024 ng
RT: 19.005 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

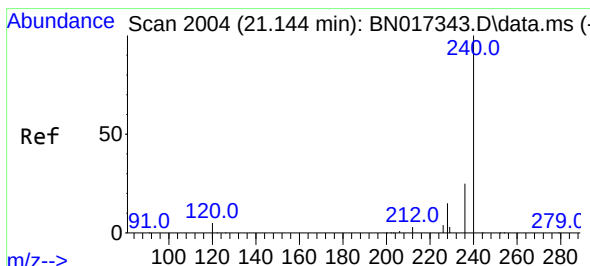
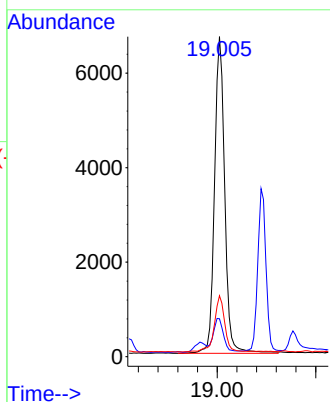
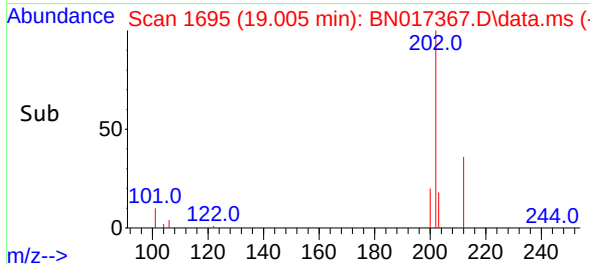
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-518-520



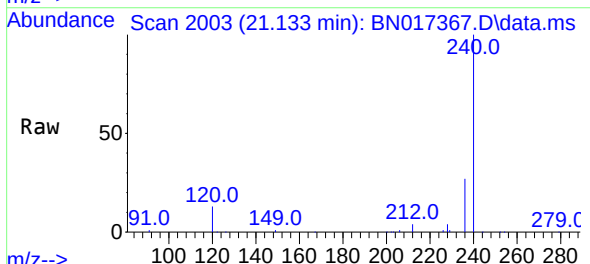
Tgt Ion:202 Resp: 9634
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
203 18.1 13.8 20.6

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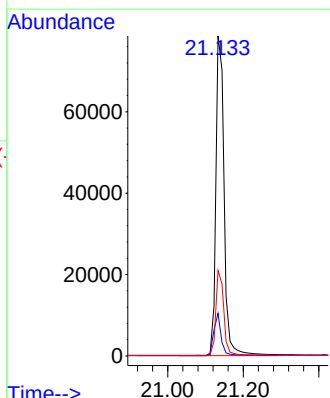
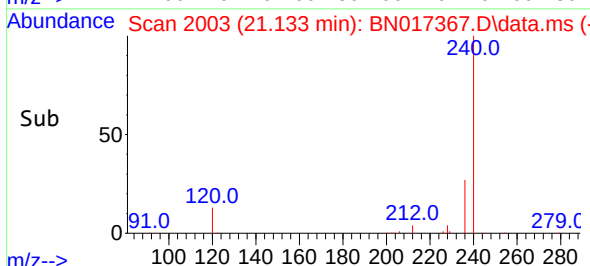
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

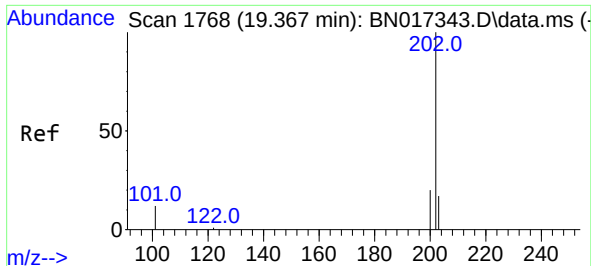


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.133 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01



Tgt Ion:240 Resp: 119428
Ion Ratio Lower Upper
240 100
120 13.3 4.2 6.2#
236 26.7 20.0 30.0





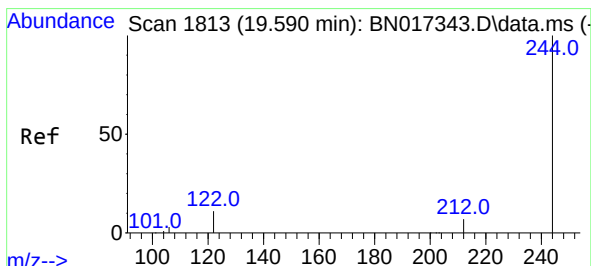
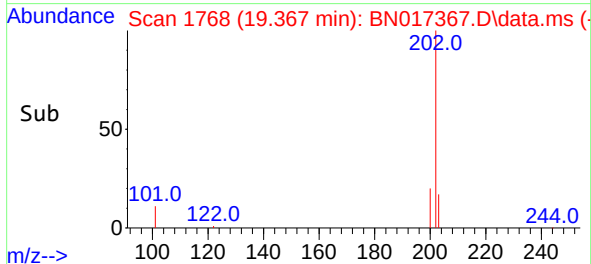
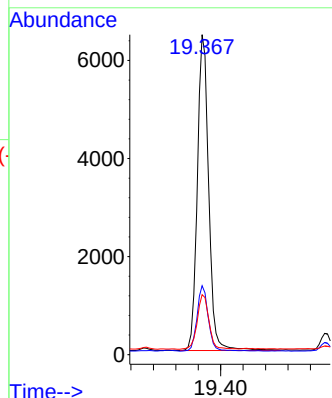
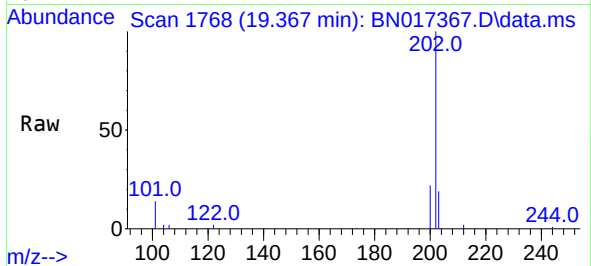
#30
Pyrene
Concen: 0.023 ng
RT: 19.367 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-518-520

Tgt Ion:202 Resp: 905
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.8 14.0 21.0

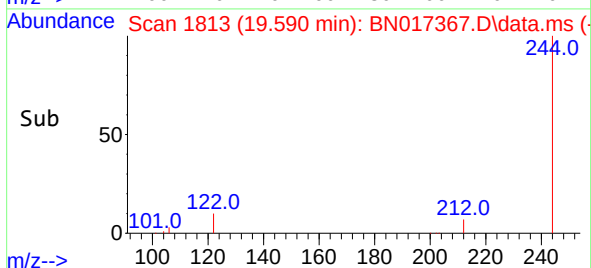
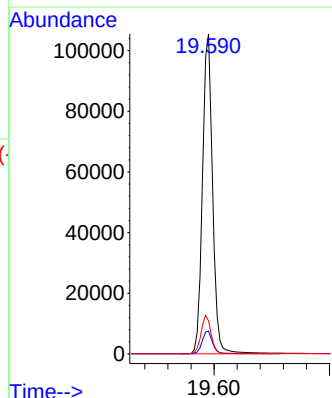
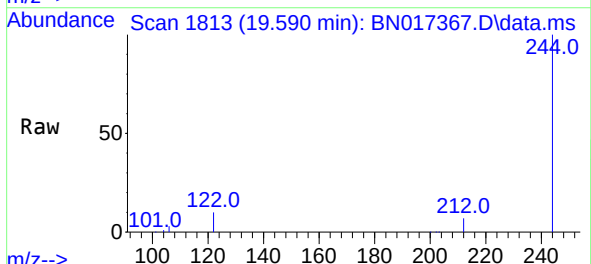
Manual Integrations
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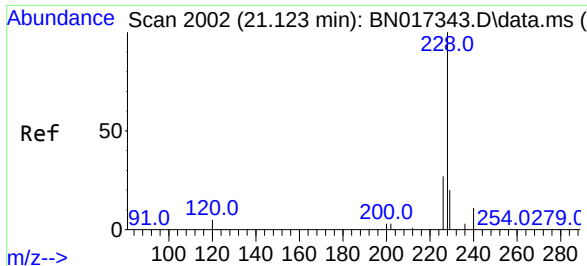
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#31
Terphenyl-d14
Concen: 0.483 ng
RT: 19.590 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

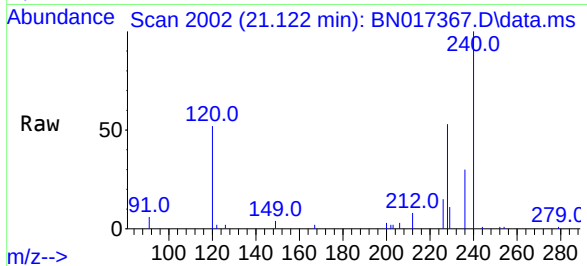
Tgt Ion:244 Resp: 128449
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.3 8.6 13.0





#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.122 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

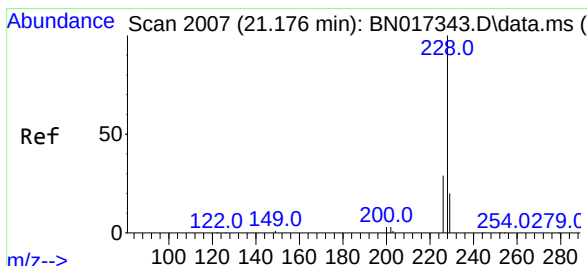
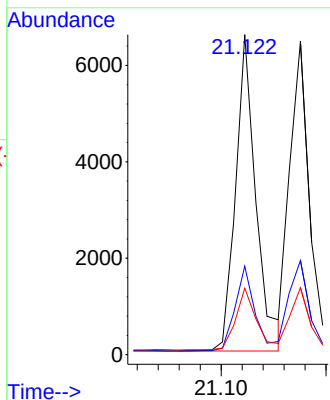
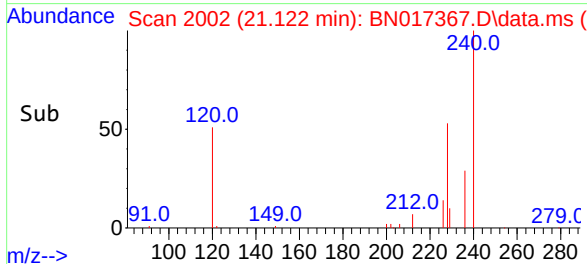
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-518-520



Tgt Ion:228 Resp: 8820
Ion Ratio Lower Upper
228 100
226 27.6 21.3 31.9
229 20.8 15.7 23.5

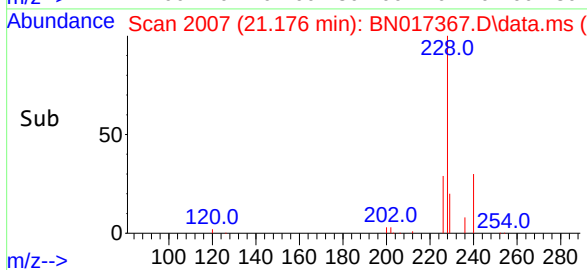
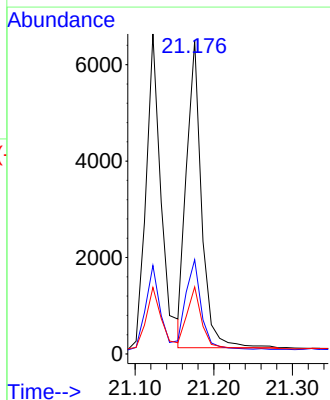
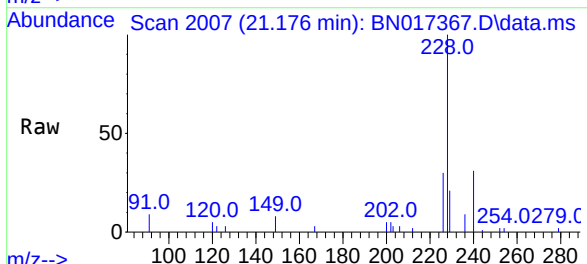
Manual Integrations
APPROVED

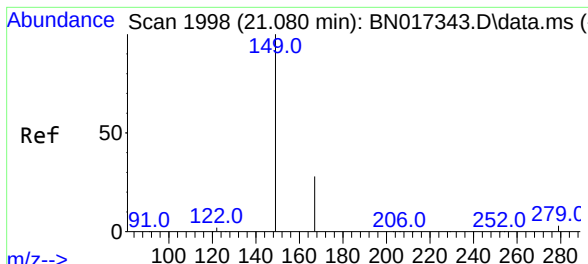
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#33
Chrysene
Concen: 0.022 ng
RT: 21.176 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

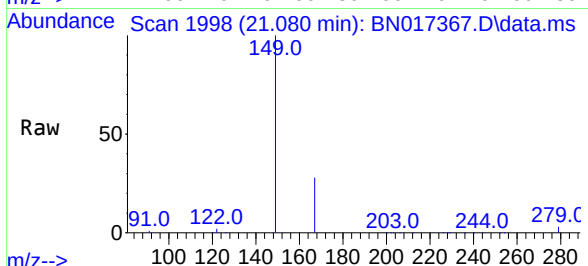
Tgt Ion:228 Resp: 8460
Ion Ratio Lower Upper
228 100
226 30.1 23.3 34.9
229 21.4 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.369 ng
RT: 21.080 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

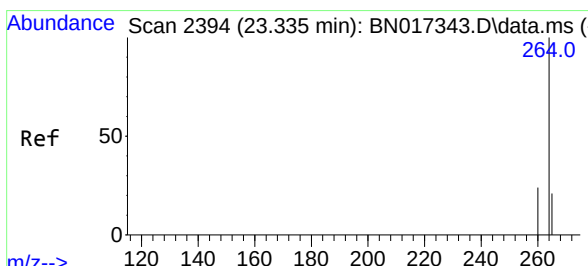
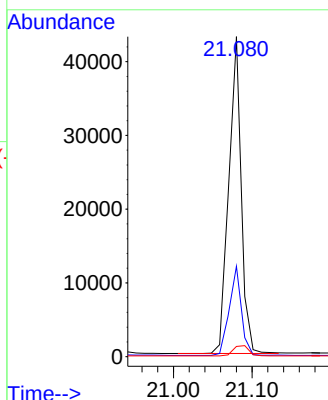
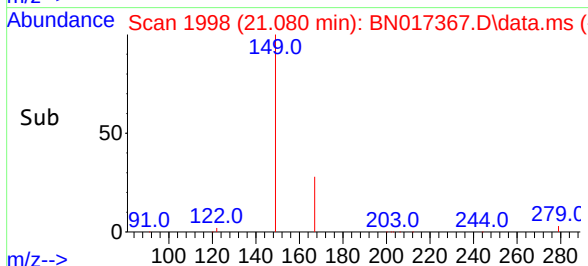
Instrument : BNA_N
ClientSampleId : BP-VPB-RW9-GW-518-520



Tgt Ion:149 Resp: 47120
Ion Ratio Lower Upper
149 100
167 27.4 21.8 32.6
279 4.1 3.4 5.0

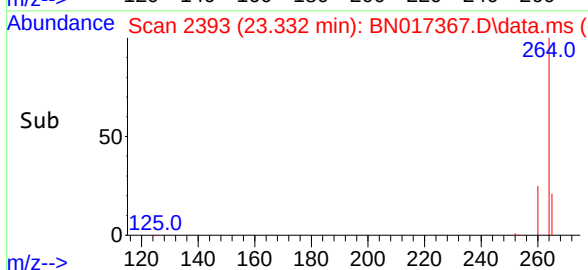
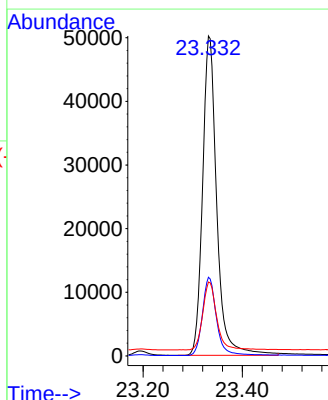
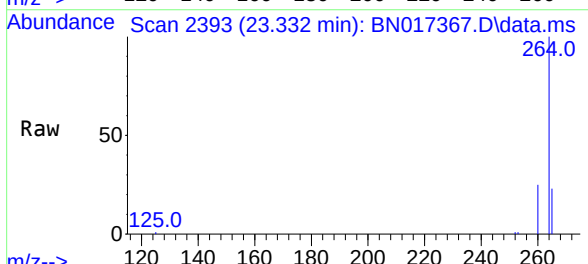
Manual Integrations
APPROVED

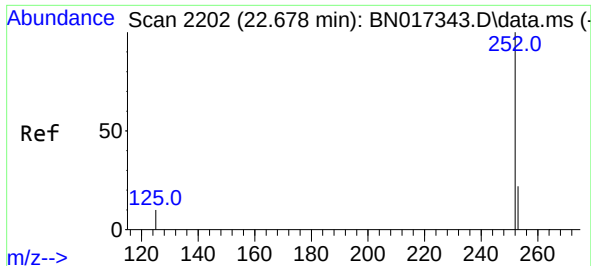
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.332 min Scan# 2393
Delta R.T. -0.004 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

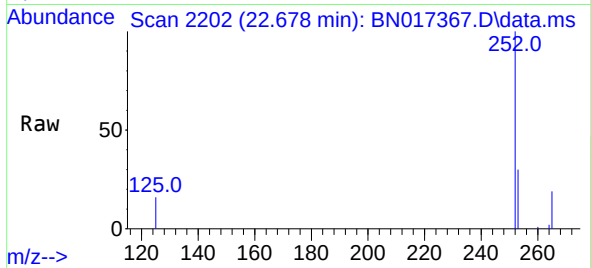
Tgt Ion:264 Resp: 99245
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 23.1 18.6 28.0





#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 22.678 min Scan# 2115
Delta R.T. 0.003 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01

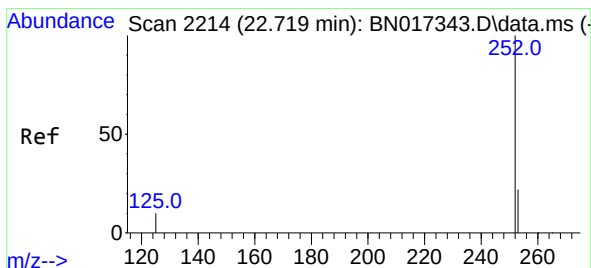
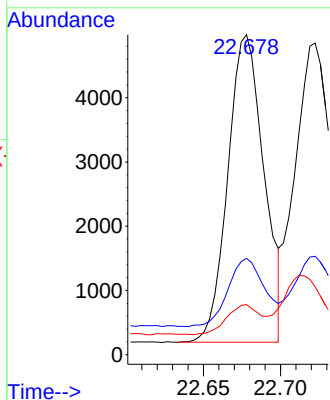
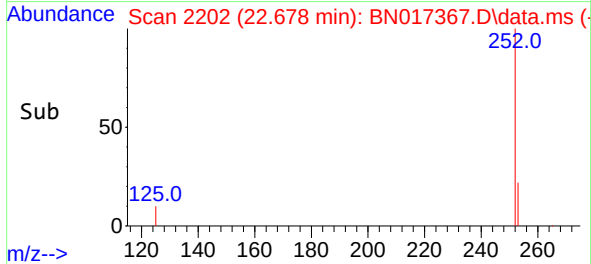
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-518-520



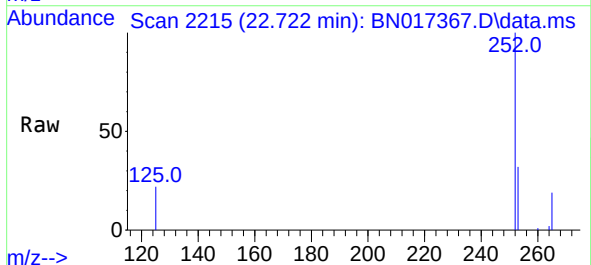
Tgt Ion:252 Resp: 7798
Ion Ratio Lower Upper
252 100
253 30.1 17.7 26.5#
125 15.7 7.8 11.8#

Manual Integrations
APPROVED

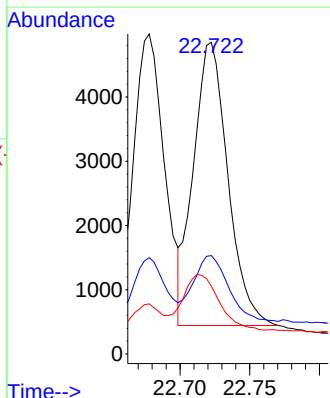
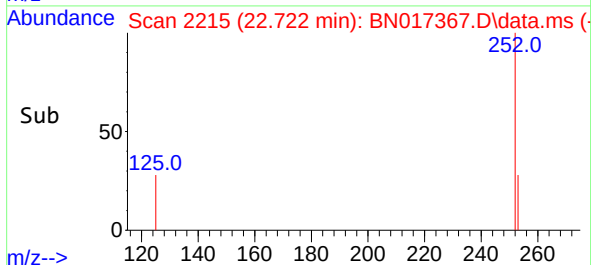
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

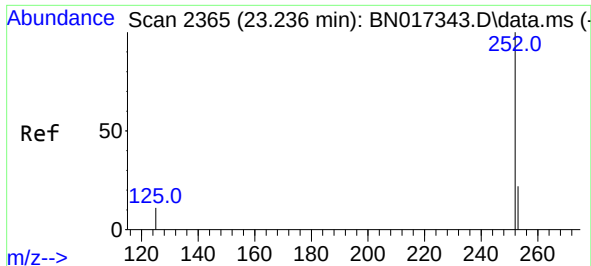


#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 22.722 min Scan# 2215
Delta R.T. 0.003 min
Lab File: BN017367.D
Acq: 10 Nov 2021 03:01



Tgt Ion:252 Resp: 7577
Ion Ratio Lower Upper
252 100
253 31.6 17.7 26.5#
125 21.8 8.2 12.2#





#39

Benzo(a)pyrene

Concen: 0.022 ng

RT: 23.239 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN017367.D

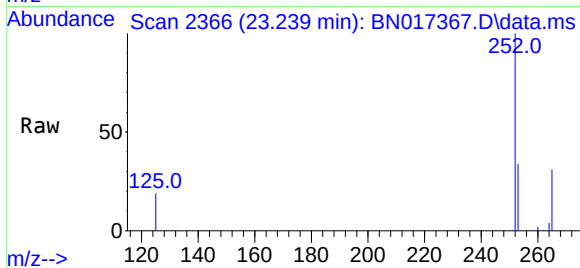
Acq: 10 Nov 2021 03:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-518-520



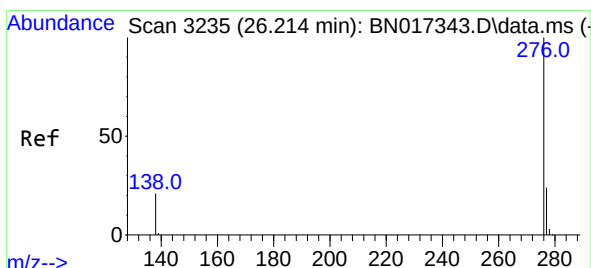
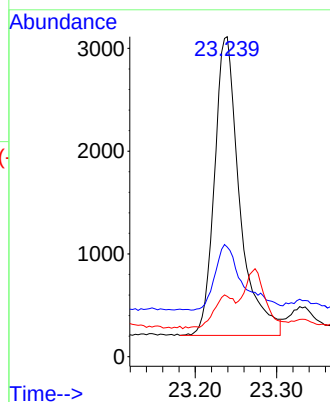
Tgt Ion:252 Resp: 6248

Ion	Ratio	Lower	Upper
252	100		
253	34.3	17.9	26.9
125	18.9	9.2	13.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#41

Benzo(g,h,i)perylene

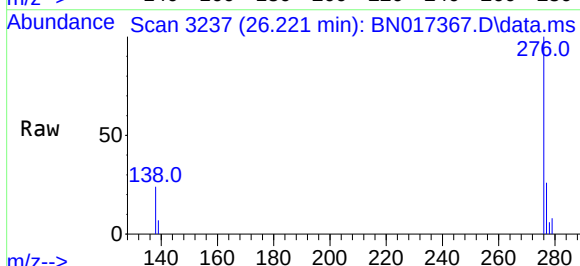
Concen: 0.020 ng

RT: 26.221 min Scan# 3237

Delta R.T. 0.003 min

Lab File: BN017367.D

Acq: 10 Nov 2021 03:01



Tgt Ion:276 Resp: 6056

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.0	28.4
138	24.3	17.1	25.7

