

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019288.D
 Acq On : 01 Apr 2022 15:31
 Operator : CG/JU
 Sample : N2220-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A03140

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/04/2022
 Supervised By : Jagrut Upadhyay 04/04/2022

Quant Time: Apr 01 16:42:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 12:41:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4303	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12130	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7692	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	15101	0.400	ng	0.00
29) Chrysene-d12	21.404	240	12867	0.400	ng	# 0.00
35) Perylene-d12	23.764	264	11663	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	2534	0.269	ng	0.00
5) Phenol-d6	7.002	99	2303	0.231	ng	0.00
8) Nitrobenzene-d5	9.003	82	1712	0.197	ng	0.01
11) 2-Methylnaphthalene-d10	12.234	152	4665	0.242	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	735	0.204	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	6868	0.222	ng	0.00
27) Fluoranthene-d10	19.244	212	11892	0.262	ng	0.00
31) Terphenyl-d14	19.843	244	7342	0.257	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.690	128	1001	0.028	ng	# 74
23) Atrazine	16.682	200	164	0.025	ng	# 57
24) Pentachlorophenol	16.877	266	214	0.059	ng	93
25) Phenanthrene	17.256	178	1905	0.040	ng	99
28) Fluoranthene	19.278	202	1939	0.034	ng	97
30) Pyrene	19.640	202	1957	0.031	ng	# 90
32) Benzo(a)anthracene	21.386	228	1274	0.032	ng	# 82
33) Chrysene	21.440	228	1301	0.025	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.315	149	3209	0.119	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.217	276	1175m	0.025	ng	
37) Benzo(b)fluoranthene	23.048	252	1359	0.031	ng	# 1
38) Benzo(k)fluoranthene	23.097	252	982	0.021	ng	# 1
39) Benzo(a)pyrene	23.659	252	1029	0.026	ng	# 1
41) Benzo(g,h,i)perylene	26.951	276	1216	0.025	ng	# 59

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

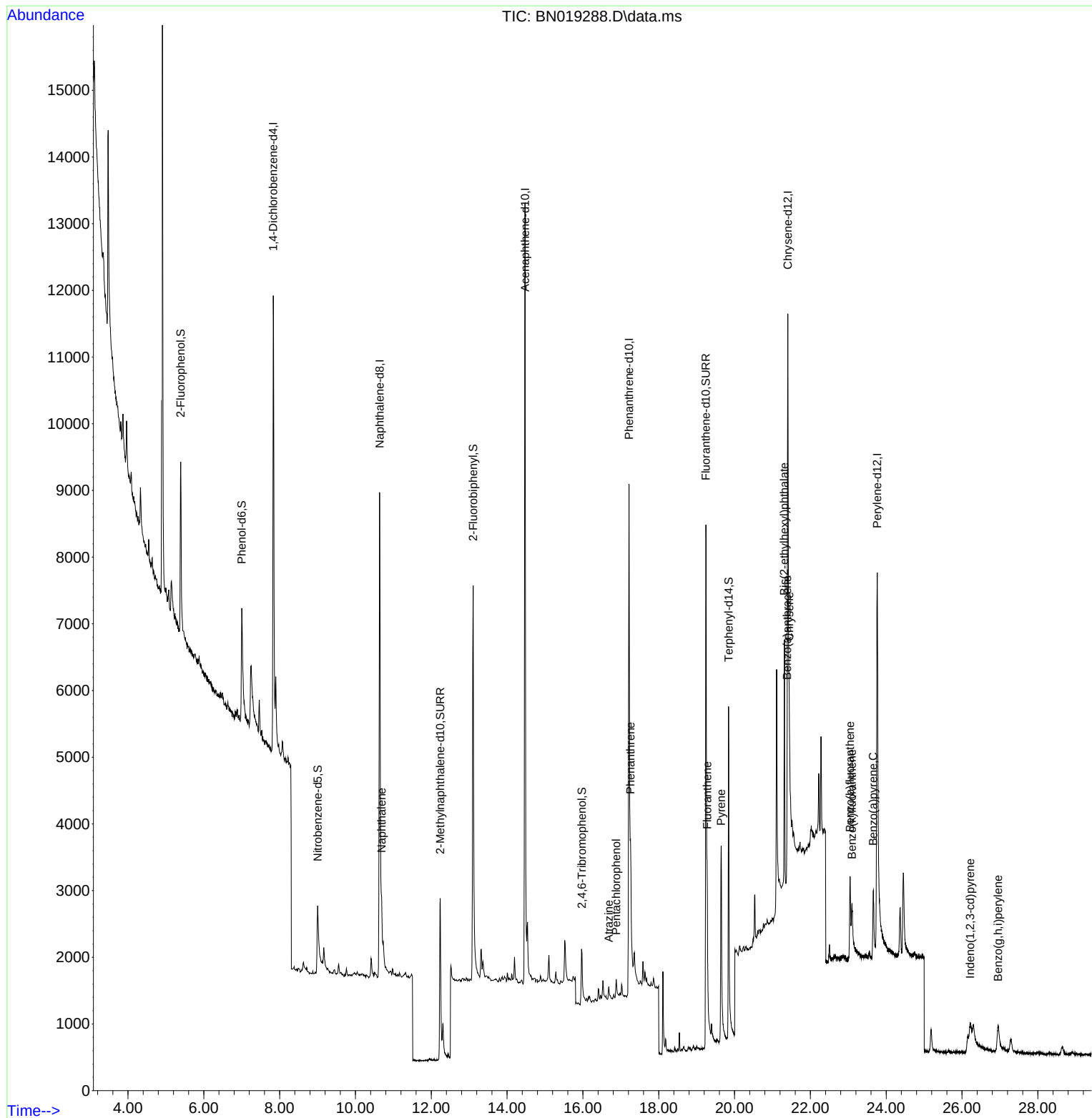
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019288.D
Acq On : 01 Apr 2022 15:31
Operator : CG/JU
Sample : N2220-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

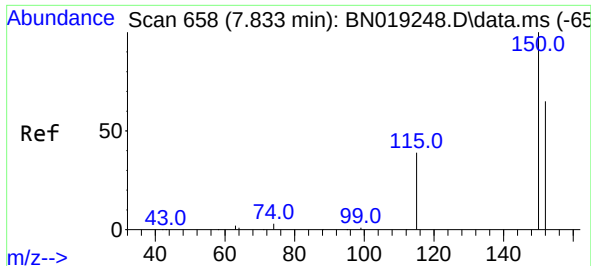
Instrument :
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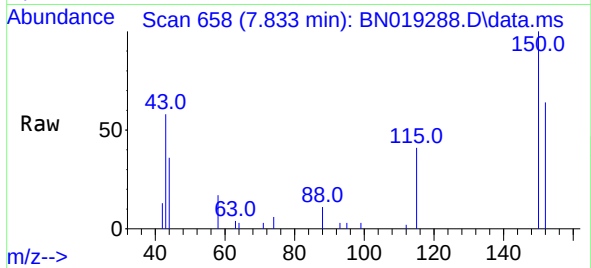
Quant Time: Apr 01 16:42:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 658
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

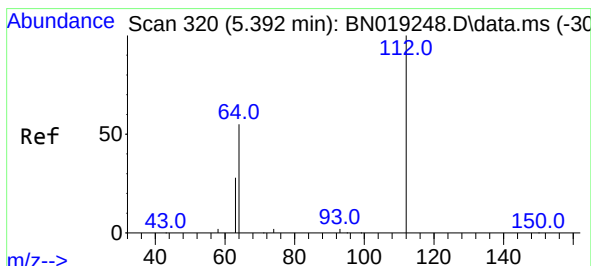
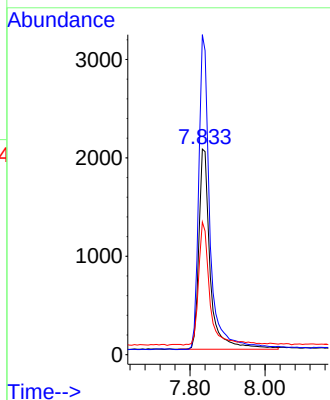
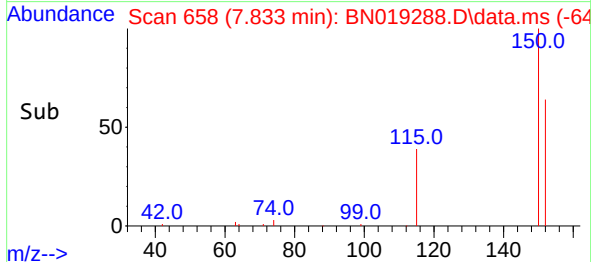
Instrument :
BNA_N
ClientSampleId :
A03140



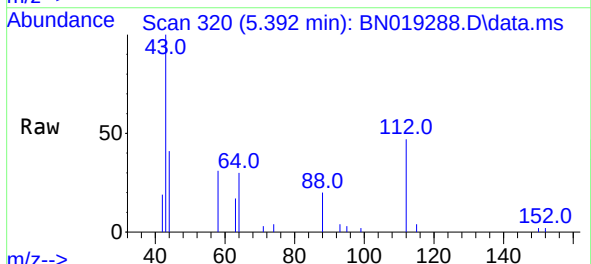
Tgt Ion:152 Resp: 430
Ion Ratio Lower Upper
152 100
150 155.7 123.9 185.9
115 64.5 48.2 72.4

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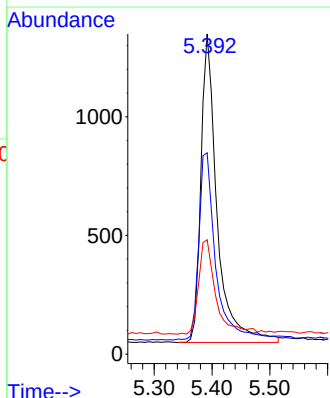
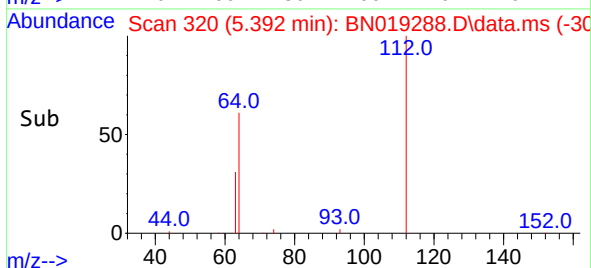
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

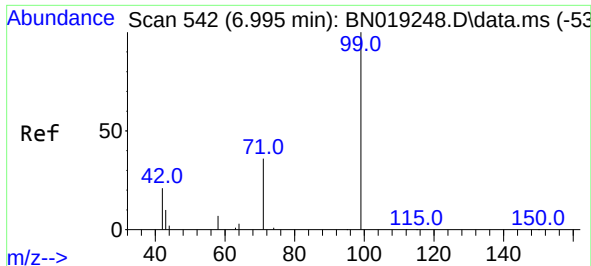


#4
2-Fluorophenol
Concen: 0.269 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31



Tgt Ion:112 Resp: 2534
Ion Ratio Lower Upper
112 100
64 63.3 47.8 71.8
63 33.1 25.7 38.5





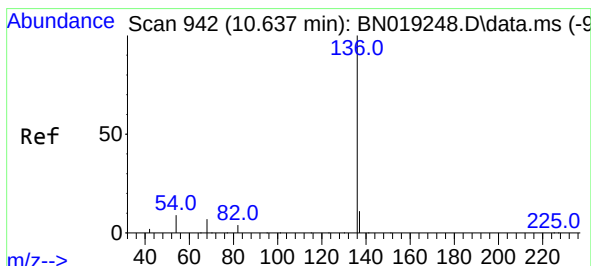
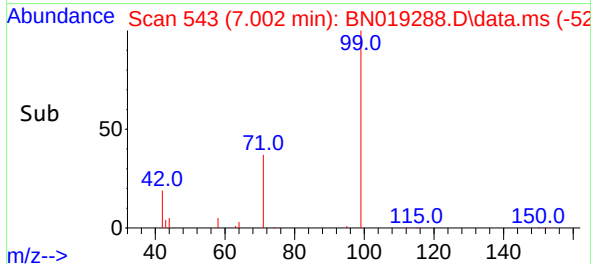
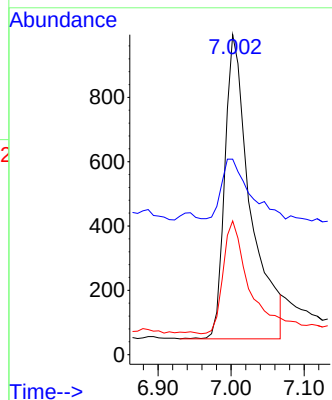
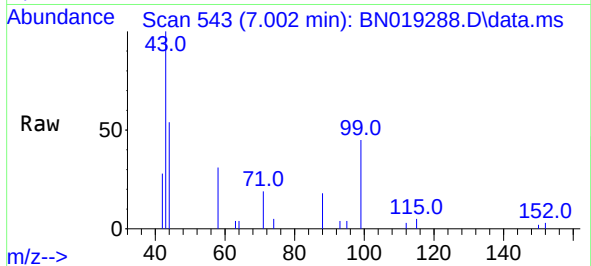
#5
Phenol-d6
Concen: 0.231 ng
RT: 7.002 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Instrument :
BNA_N
ClientSampleId :
A03140

Tgt Ion: 99 Resp: 230
Ion Ratio Lower Upper
99 100
42 20.7 16.2 24.4
71 37.1 27.7 41.5

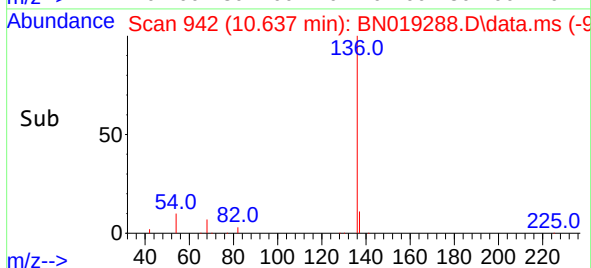
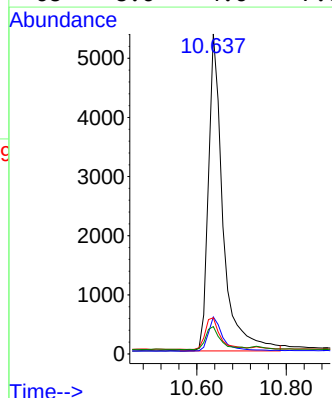
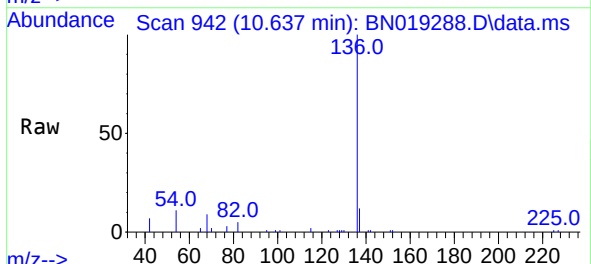
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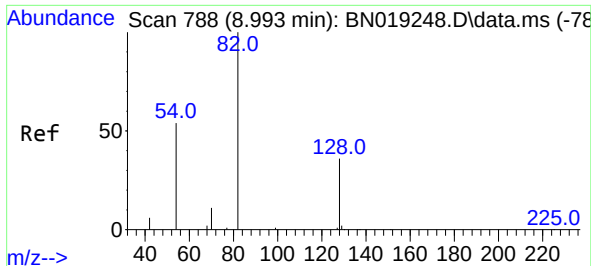
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Tgt Ion:136 Resp: 12130
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 11.3 5.8 8.6#
68 8.6 4.6 7.0#





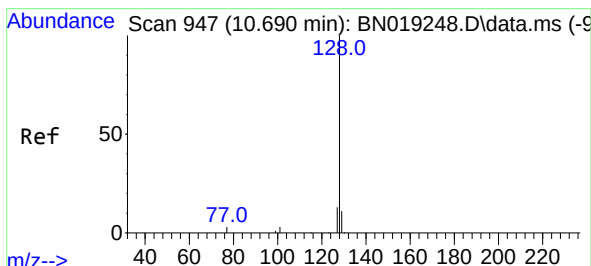
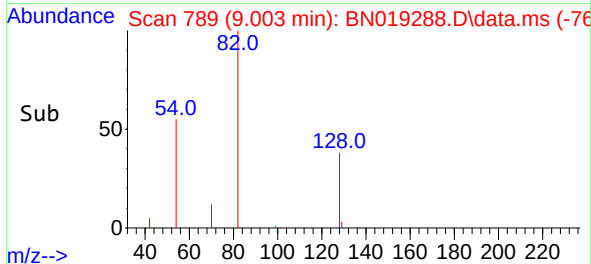
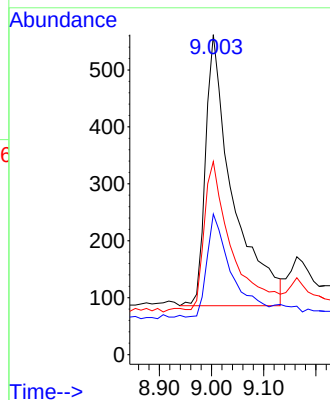
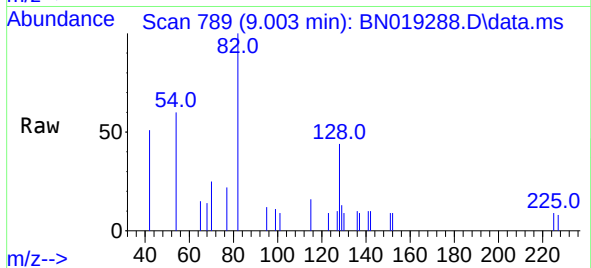
#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Instrument :
BNA_N
ClientSampleId :
A03140

Tgt Ion: 82 Resp: 171
Ion Ratio Lower Upper
82 100
128 44.0 33.0 49.6
54 60.3 42.5 63.7

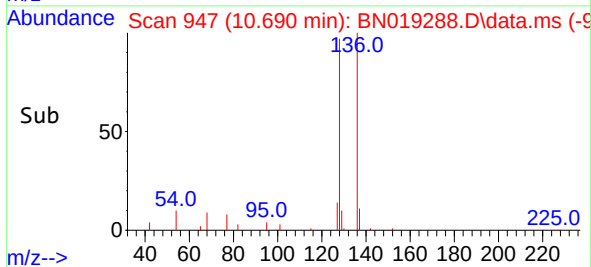
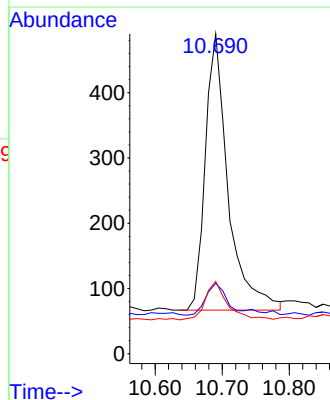
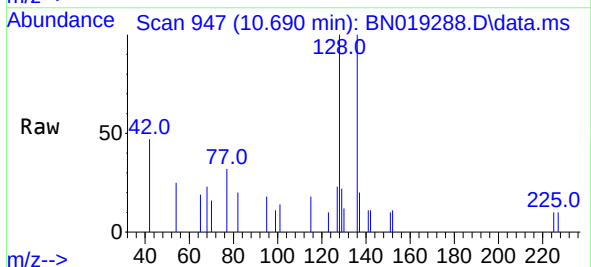
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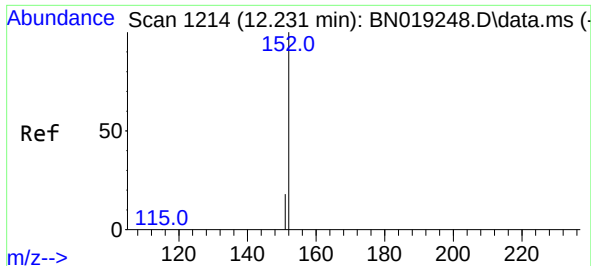
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#9
Naphthalene
Concen: 0.028 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

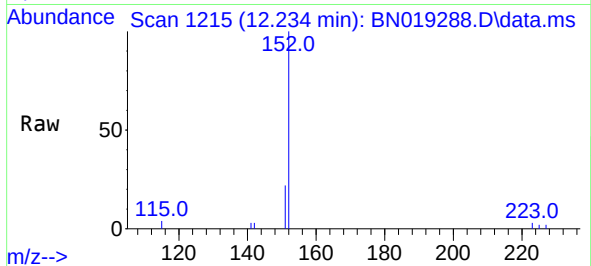
Tgt Ion:128 Resp: 1001
Ion Ratio Lower Upper
128 100
129 22.0 9.0 13.4#
127 22.7 10.7 16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.234 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

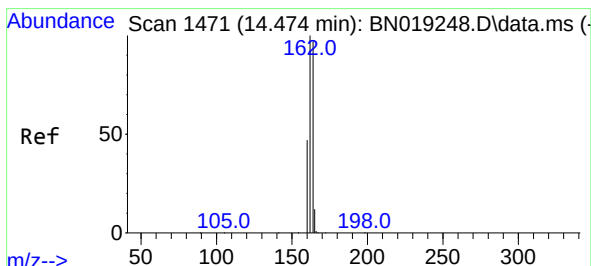
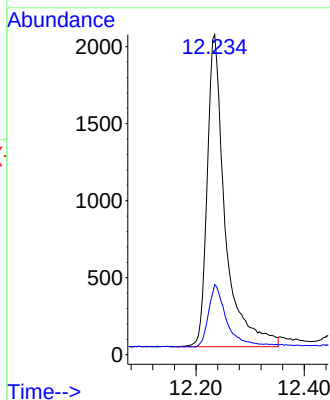
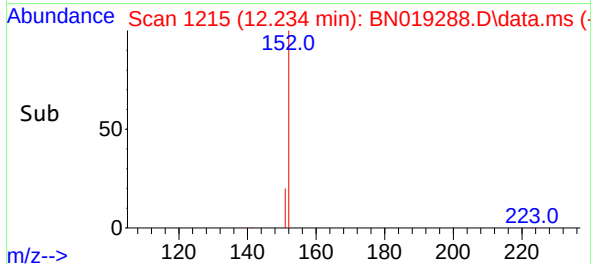
Instrument :
BNA_N
ClientSampleId :
A03140



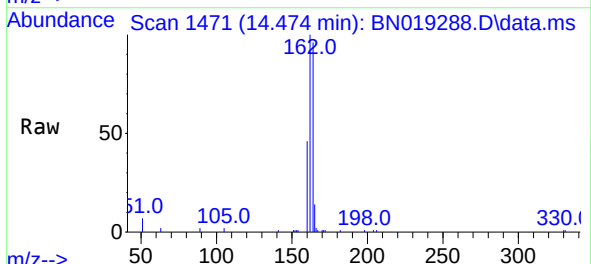
Tgt Ion:152 Resp: 466
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7

Manual Integrations
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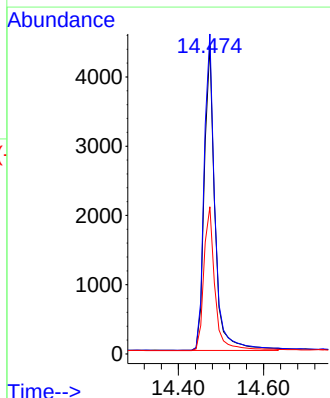
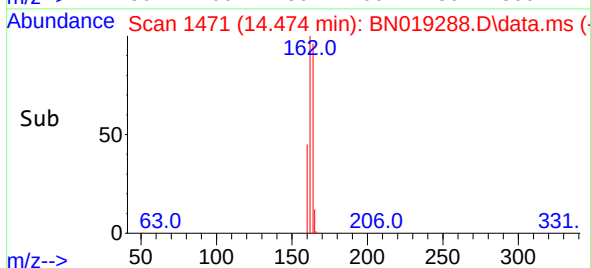
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

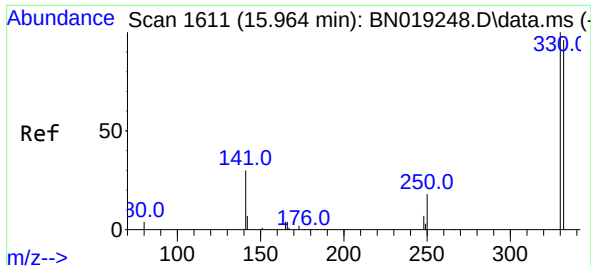


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31



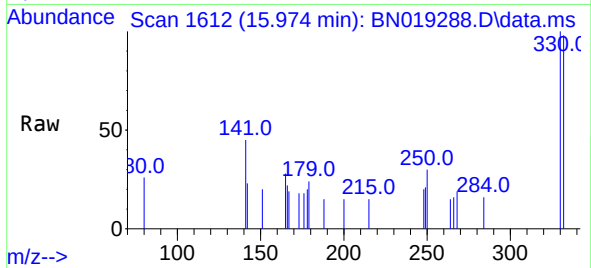
Tgt Ion:164 Resp: 7692
Ion Ratio Lower Upper
164 100
162 103.8 85.2 127.8
160 47.8 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.204 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.010 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

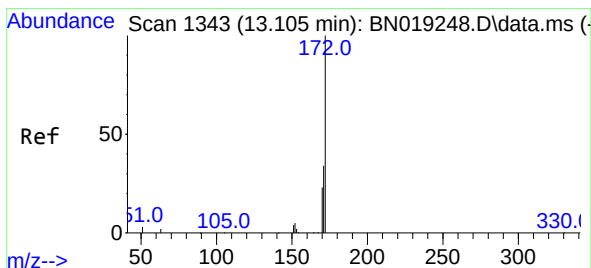
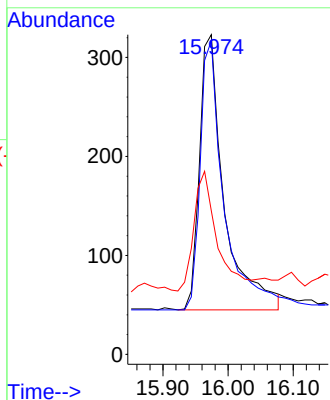
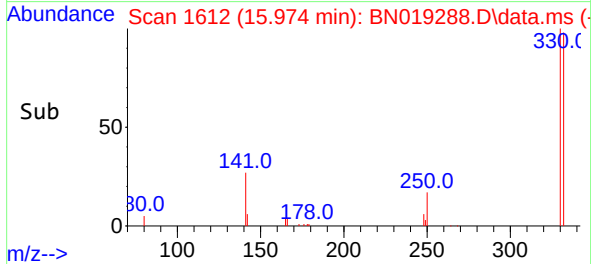
Instrument :
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ClientSampleId :
A03140



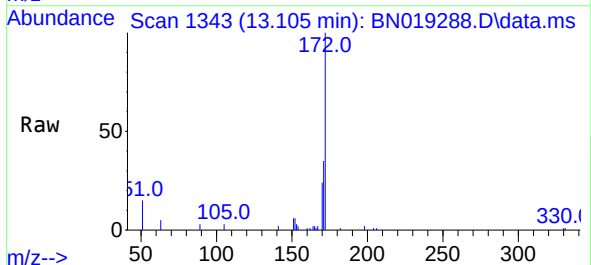
Tgt Ion:330 Resp: 738
Ion Ratio Lower Upper
330 100
332 93.7 76.8 115.2
141 41.1 32.2 48.2

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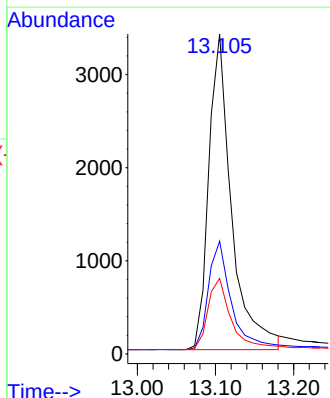
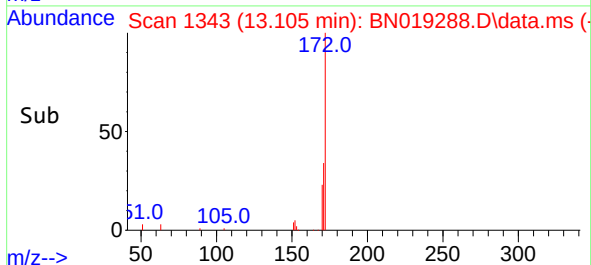
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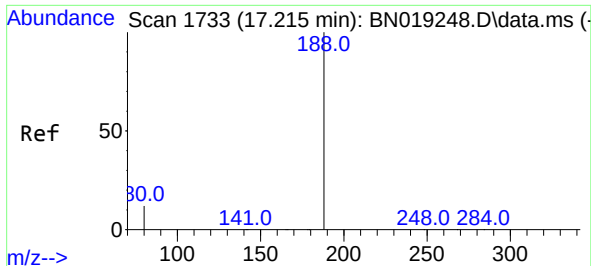


#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31



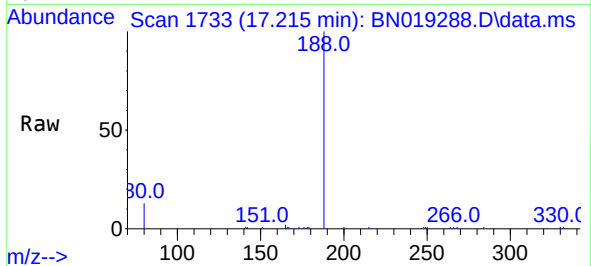
Tgt Ion:172 Resp: 6868
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

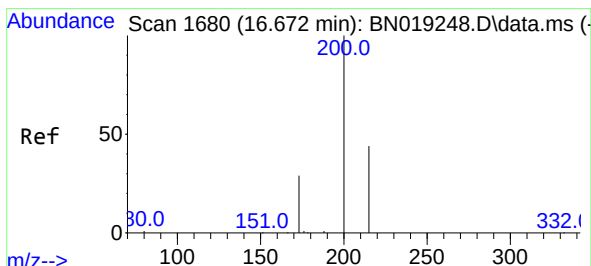
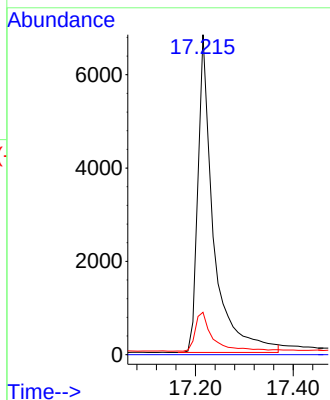
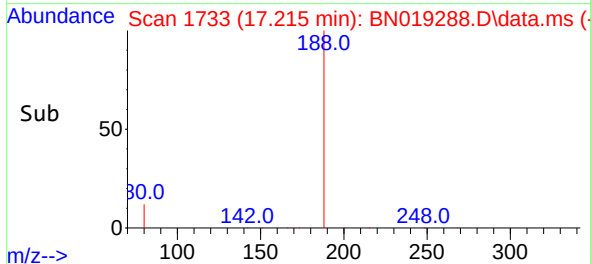
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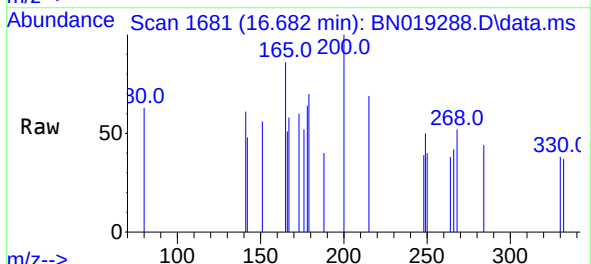
Tgt Ion:188 Resp: 1510
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 11.8 17.8

Manual Integrations
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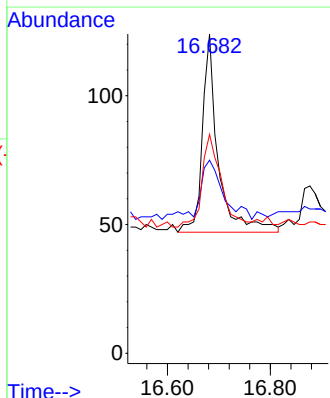
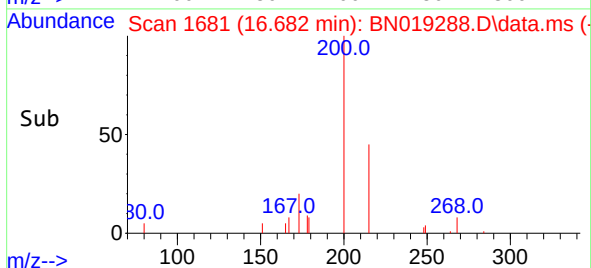
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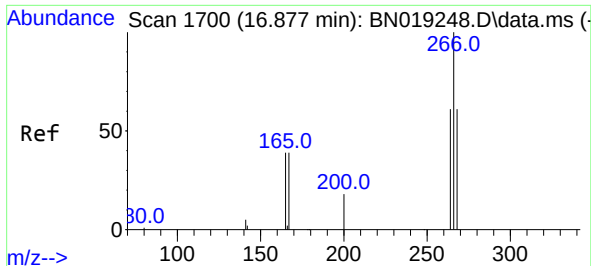


#23
Atrazine
Concen: 0.025 ng
RT: 16.682 min Scan# 1681
Delta R.T. 0.010 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31



Tgt Ion:200 Resp: 164
Ion Ratio Lower Upper
200 100
173 60.5 23.9 35.9#
215 68.5 36.6 54.8#





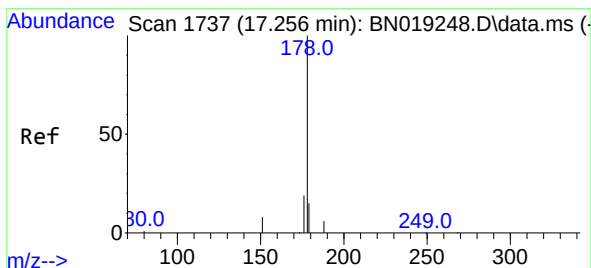
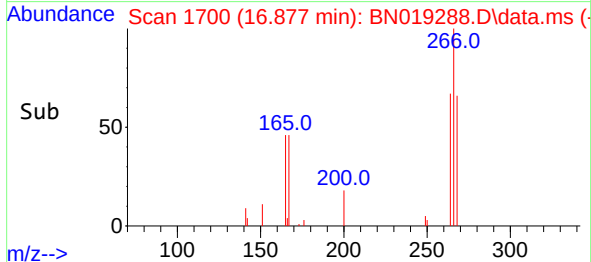
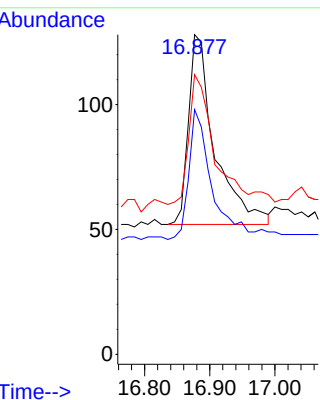
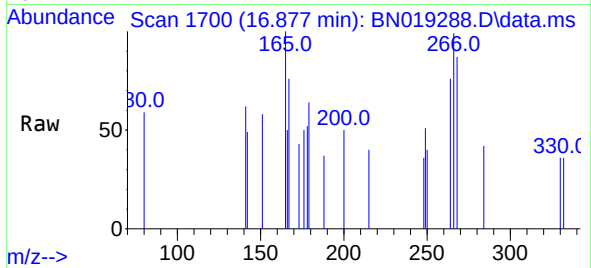
#24
Pentachlorophenol
Concen: 0.059 ng
RT: 16.877 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

Instrument :
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ClientSampleId :
A03140

Tgt Ion:266 Resp: 214
Ion Ratio Lower Upper
266 100
264 59.3 50.2 75.4
268 72.9 51.9 77.9

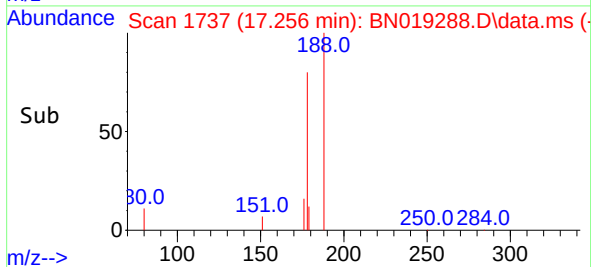
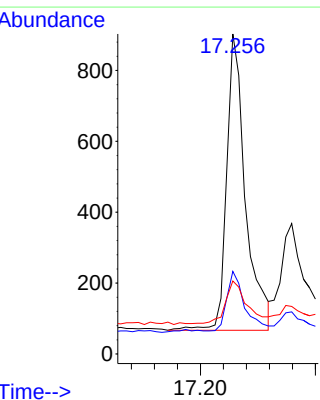
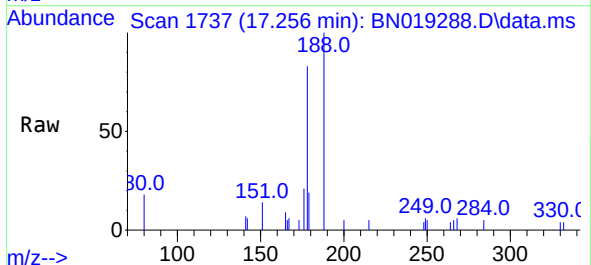
Manual Integrations
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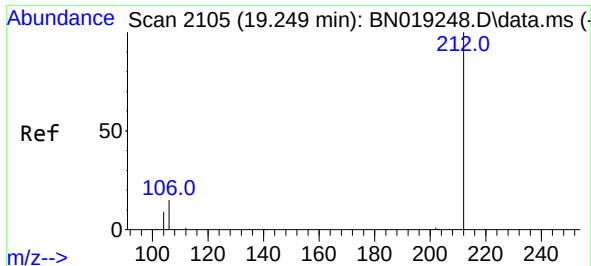
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#25
Phenanthrene
Concen: 0.040 ng
RT: 17.256 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

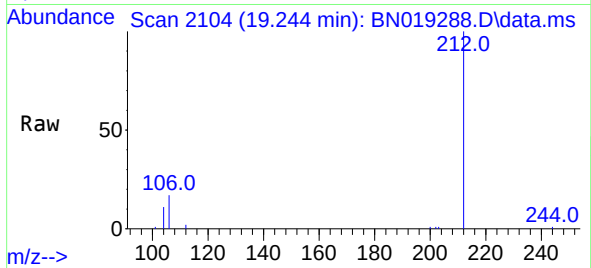
Tgt Ion:178 Resp: 1905
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 16.1 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.262 ng
RT: 19.244 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

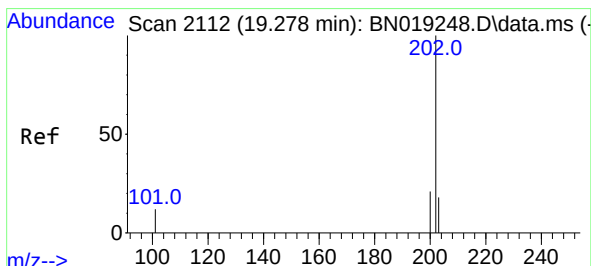
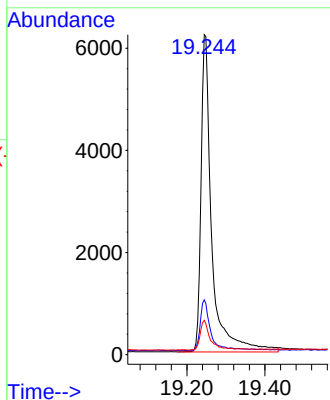
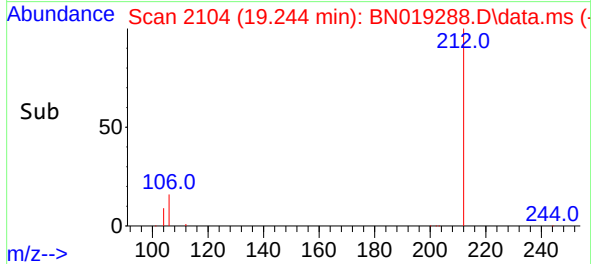
Instrument :
BNA_N
ClientSampleId :
A03140



Tgt Ion:212 Resp: 1189
Ion Ratio Lower Upper
212 100
106 14.6 12.7 19.1
104 8.8 7.1 10.7

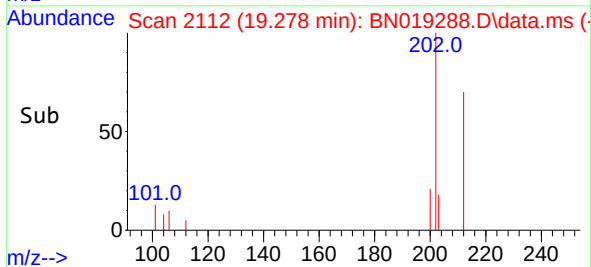
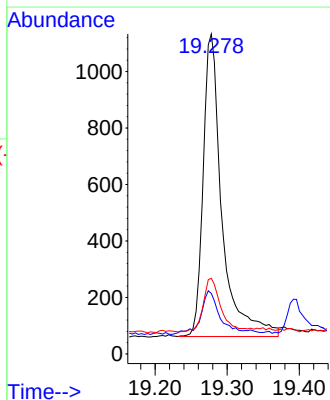
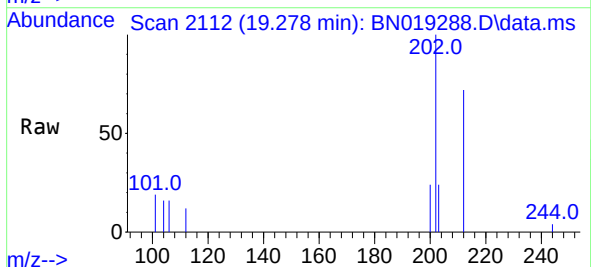
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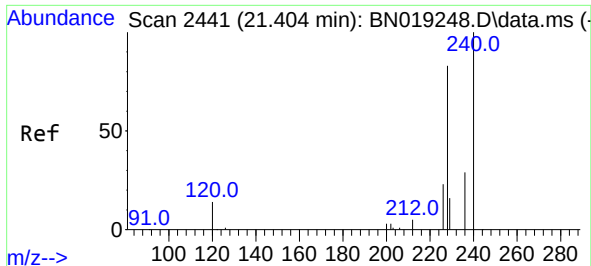
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#28
Fluoranthene
Concen: 0.034 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

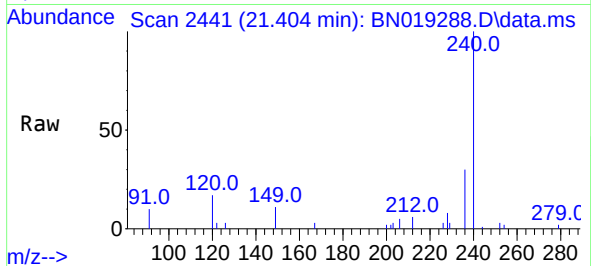
Tgt Ion:202 Resp: 1939
Ion Ratio Lower Upper
202 100
101 14.4 9.8 14.6
203 16.7 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

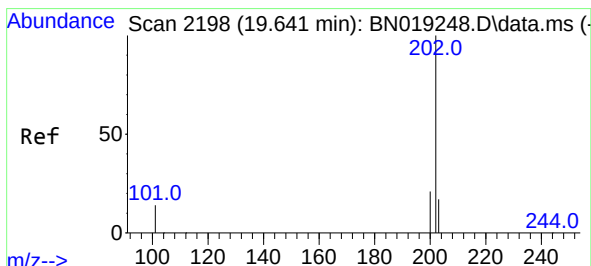
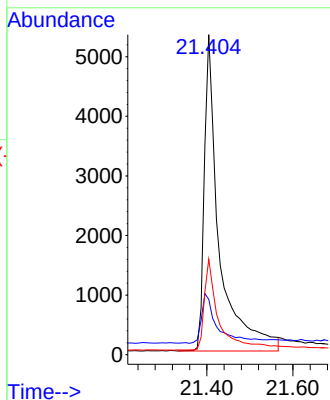
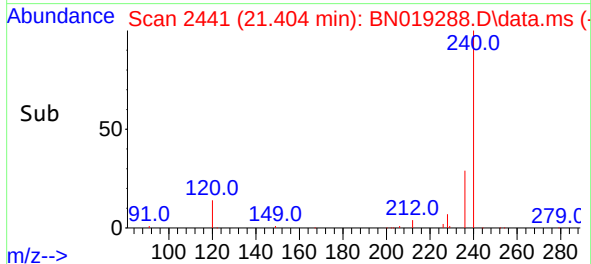
Instrument :
BNA_N
ClientSampleId :
A03140



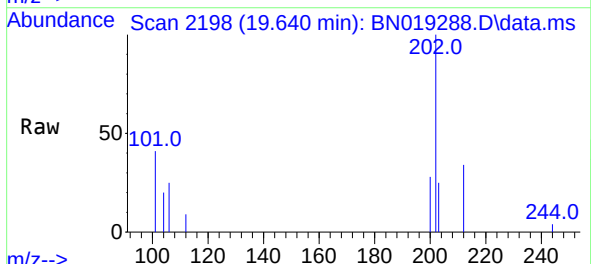
Tgt Ion:240 Resp: 1286
Ion Ratio Lower Upper
240 100
120 17.3 8.5 12.7
236 29.8 22.4 33.6

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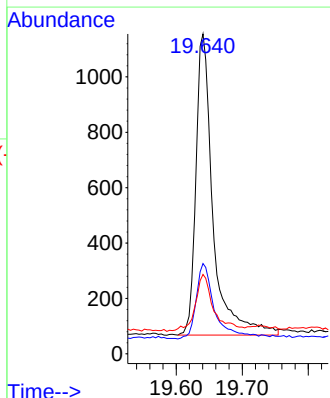
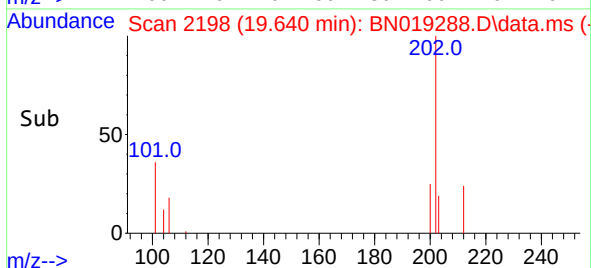
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

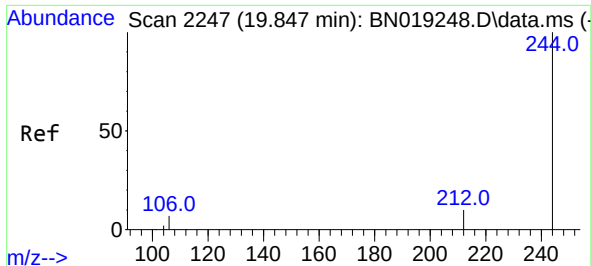


#30
Pyrene
Concen: 0.031 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31



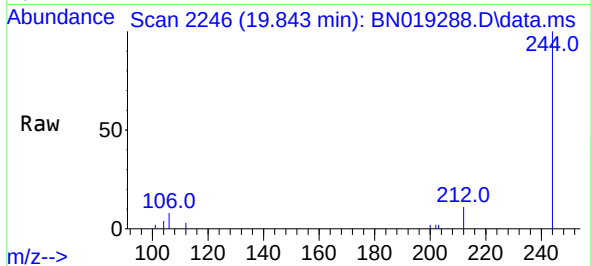
Tgt Ion:202 Resp: 1957
Ion Ratio Lower Upper
202 100
200 27.3 16.9 25.3
203 20.4 14.2 21.2





#31
Terphenyl-d14
Concen: 0.257 ng
RT: 19.843 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

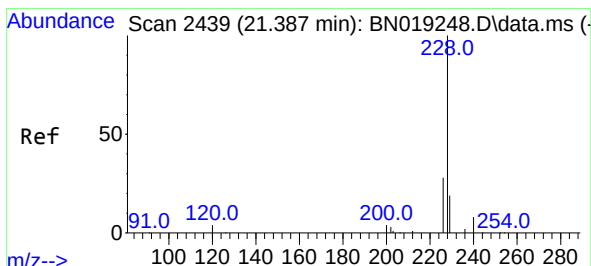
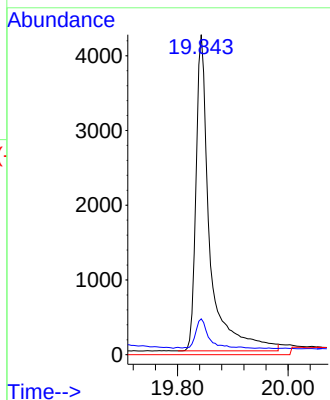
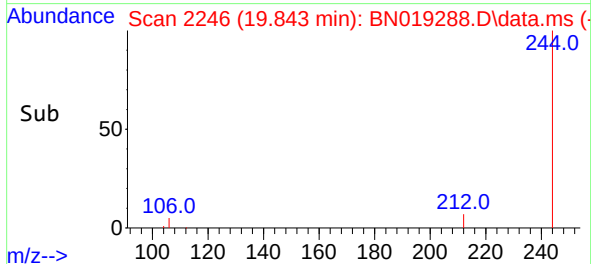
Instrument :
BNA_N
ClientSampleId :
A03140



Tgt Ion:244 Resp: 734
Ion Ratio Lower Upper
244 100
212 11.2 8.2 12.4
122 0.0 0.0 0.0

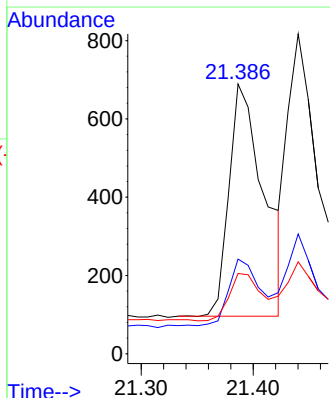
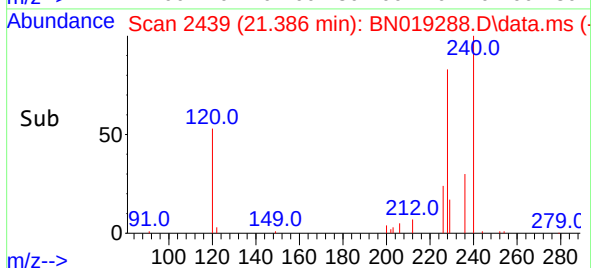
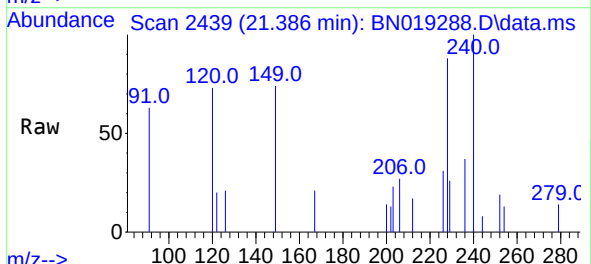
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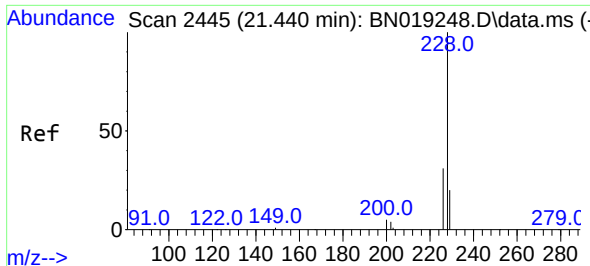
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#32
Benzo(a)anthracene
Concen: 0.032 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

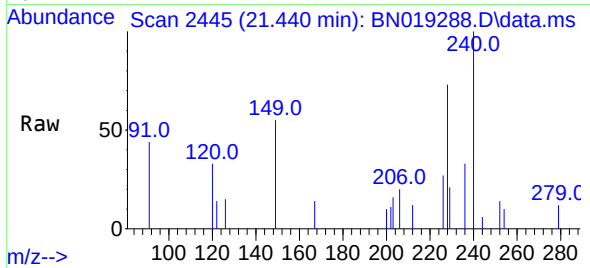
Tgt Ion:228 Resp: 1274
Ion Ratio Lower Upper
228 100
226 35.1 21.9 32.9#
229 29.8 16.0 24.0#





#33
Chrysene
Concen: 0.025 ng
RT: 21.440 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

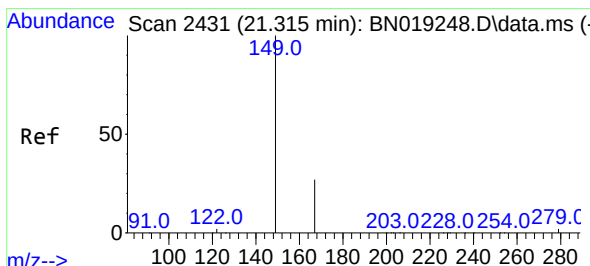
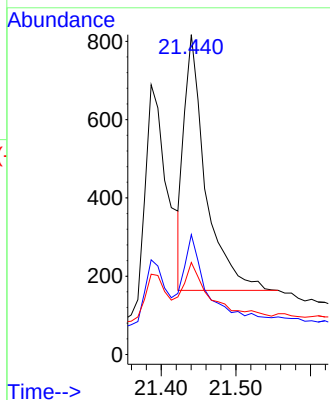
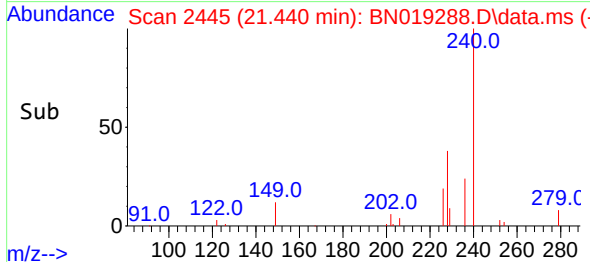
Instrument :
BNA_N
ClientSampleId :
A03140



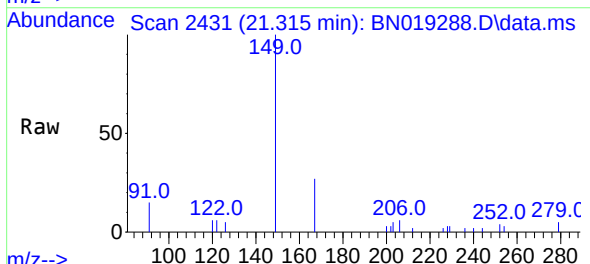
Tgt Ion: 228 Resp: 130
Ion Ratio Lower Upper
228 100
226 37.5 24.0 36.0
229 28.8 15.9 23.9

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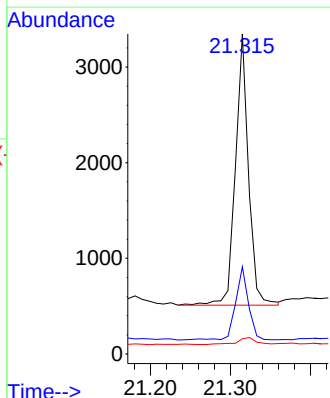
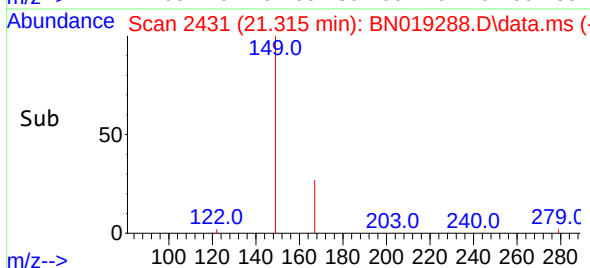
Reviewed By : Christian Giraldo 04/04/2022
Supervised By : Jagrut Upadhyay 04/04/2022

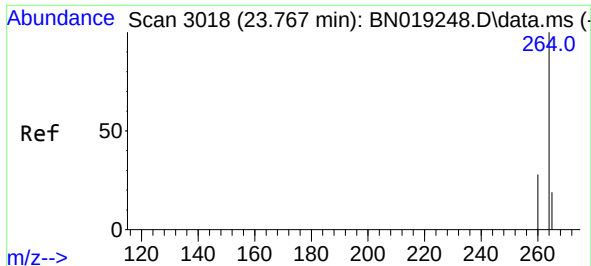


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31



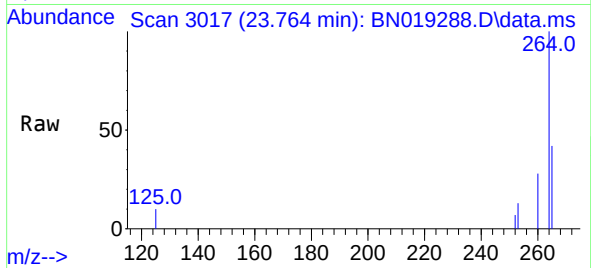
Tgt Ion: 149 Resp: 3209
Ion Ratio Lower Upper
149 100
167 25.6 21.8 32.8
279 3.6 2.0 3.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.764 min Scan# 3018
Delta R.T. -0.003 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

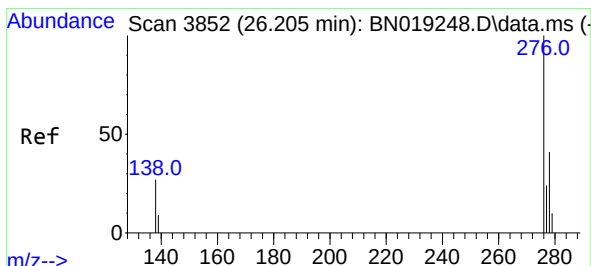
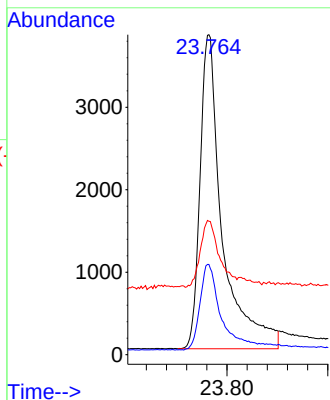
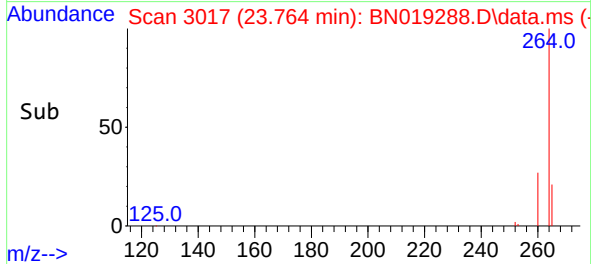
Instrument :
BNA_N
ClientSampleId :
A03140



Tgt Ion:264 Resp: 1166
Ion Ratio Lower Upper
264 100
260 28.2 22.4 33.6
265 41.7 25.3 37.9

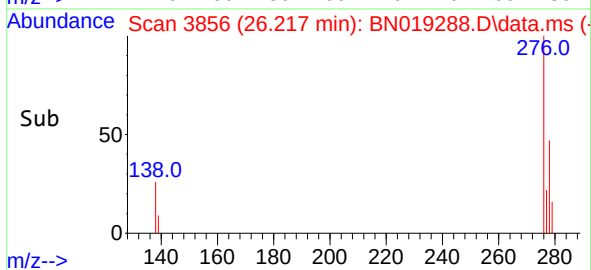
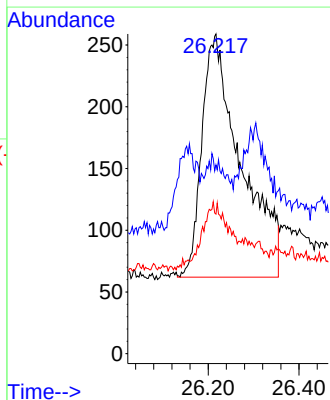
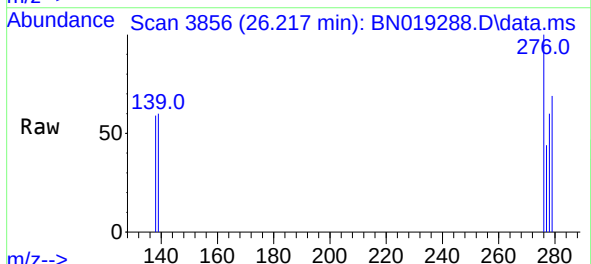
Manual Integrations
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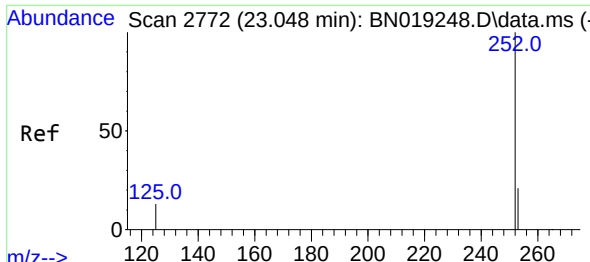
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng m
RT: 26.217 min Scan# 3856
Delta R.T. 0.012 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

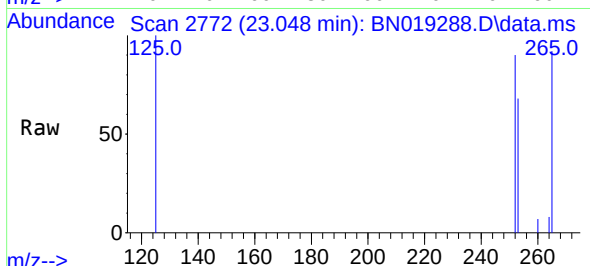
Tgt Ion:276 Resp: 1175
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7#
277 7.2 19.8 29.8#





#37
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 23.048 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

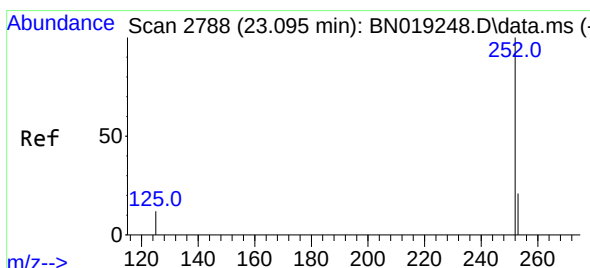
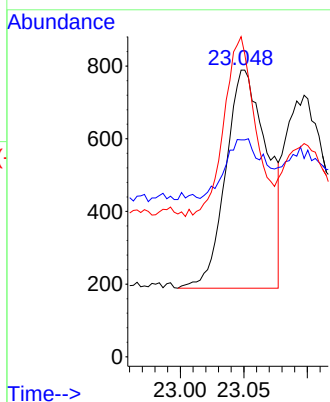
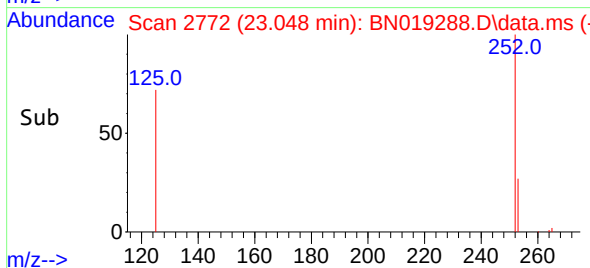
Instrument :
BNA_N
ClientSampleId :
A03140



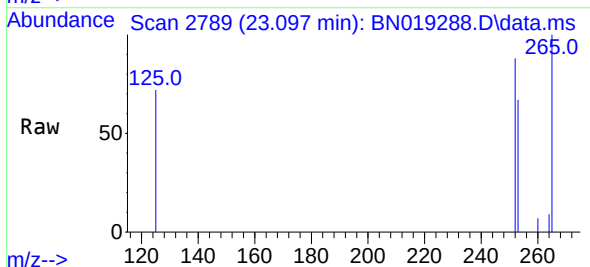
Tgt Ion:252 Resp: 1359
Ion Ratio Lower Upper
252 100
253 75.7 18.9 28.3#
125 111.7 12.1 18.1#

Manual Integrations
APPROVED

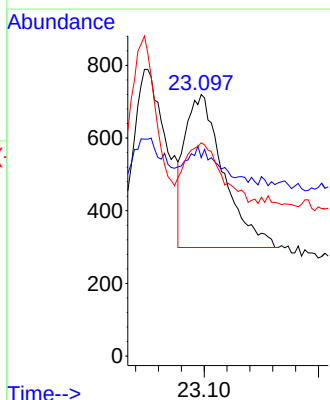
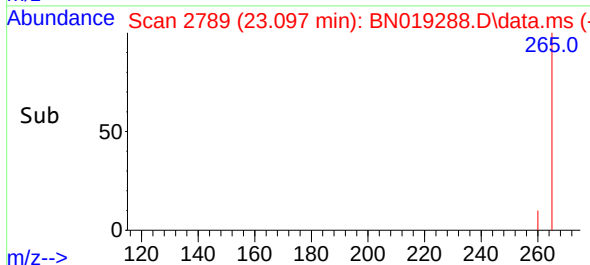
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

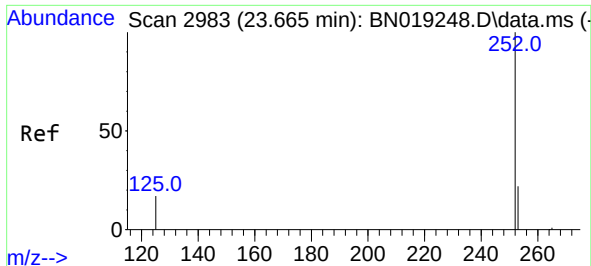


#38
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 23.097 min Scan# 2789
Delta R.T. 0.003 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31



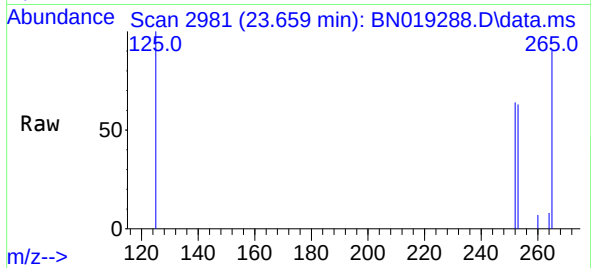
Tgt Ion:252 Resp: 982
Ion Ratio Lower Upper
252 100
253 75.8 18.9 28.3#
125 81.5 10.3 15.5#





#39
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.659 min Scan# 2981
Delta R.T. -0.006 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31

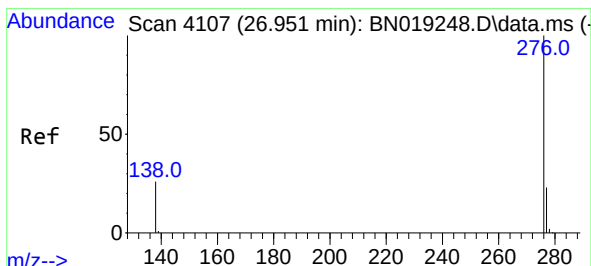
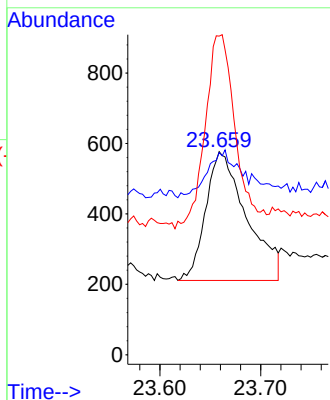
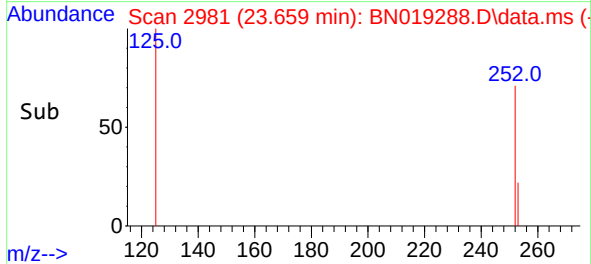
Instrument :
BNA_N
ClientSampleId :
A03140



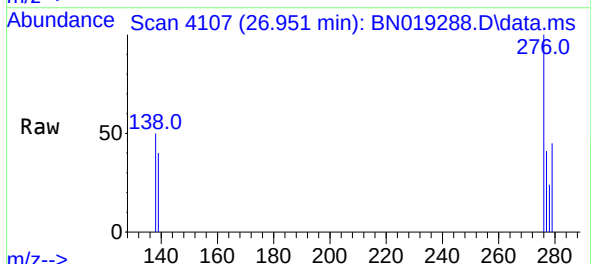
Tgt Ion:252 Resp: 1029
Ion Ratio Lower Upper
252 100
253 99.5 20.1 30.1#
125 156.8 15.2 22.8#

Manual Integrations
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Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 26.951 min Scan# 4107
Delta R.T. -0.000 min
Lab File: BN019288.D
Acq: 01 Apr 2022 15:31



Tgt Ion:276 Resp: 1216
Ion Ratio Lower Upper
276 100
277 41.3 19.4 29.0#
138 50.3 21.0 31.6#

