

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019285.D
 Acq On : 01 Apr 2022 13:43
 Operator : CG/JU
 Sample : N2220-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A03015

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 16:41:49 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	7.826	152	5428	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	14736	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	9133	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	17851	0.400	ng	0.00
29) Chrysene-d12	21.404	240	13514	0.400	ng	# 0.00
35) Perylene-d12	23.767	264	11321	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	5335	0.450	ng	0.00
5) Phenol-d6	6.995	99	5018	0.398	ng	0.00
8) Nitrobenzene-d5	8.993	82	3628	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.227	152	10499	0.449	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1401	0.328	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	14419	0.393	ng	-0.01
27) Fluoranthene-d10	19.244	212	25895	0.483	ng	0.00
31) Terphenyl-d14	19.843	244	13823	0.460	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	1908	0.045	ng	# 88
12) 2-Methylnaphthalene	12.299	142	1250	0.045	ng	# 91
16) Acenaphthylene	14.196	152	888	0.021	ng	# 93
25) Phenanthrene	17.256	178	11223	0.200	ng	99
26) Anthracene	17.349	178	2135	0.046	ng	# 89
28) Fluoranthene	19.278	202	18230	0.272	ng	99
30) Pyrene	19.641	202	15651	0.234	ng	96
32) Benzo(a)anthracene	21.395	228	5035	0.119	ng	# 91
33) Chrysene	21.440	228	5858	0.108	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.315	149	4251	0.150	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.220	276	1734	0.037	ng	# 70
37) Benzo(b)fluoranthene	23.054	252	5404	0.129	ng	# 35
38) Benzo(k)fluoranthene	23.095	252	1916m	0.042	ng	
39) Benzo(a)pyrene	23.668	252	2664	0.070	ng	# 14
41) Benzo(g,h,i)perylene	26.957	276	2109	0.045	ng	# 73

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

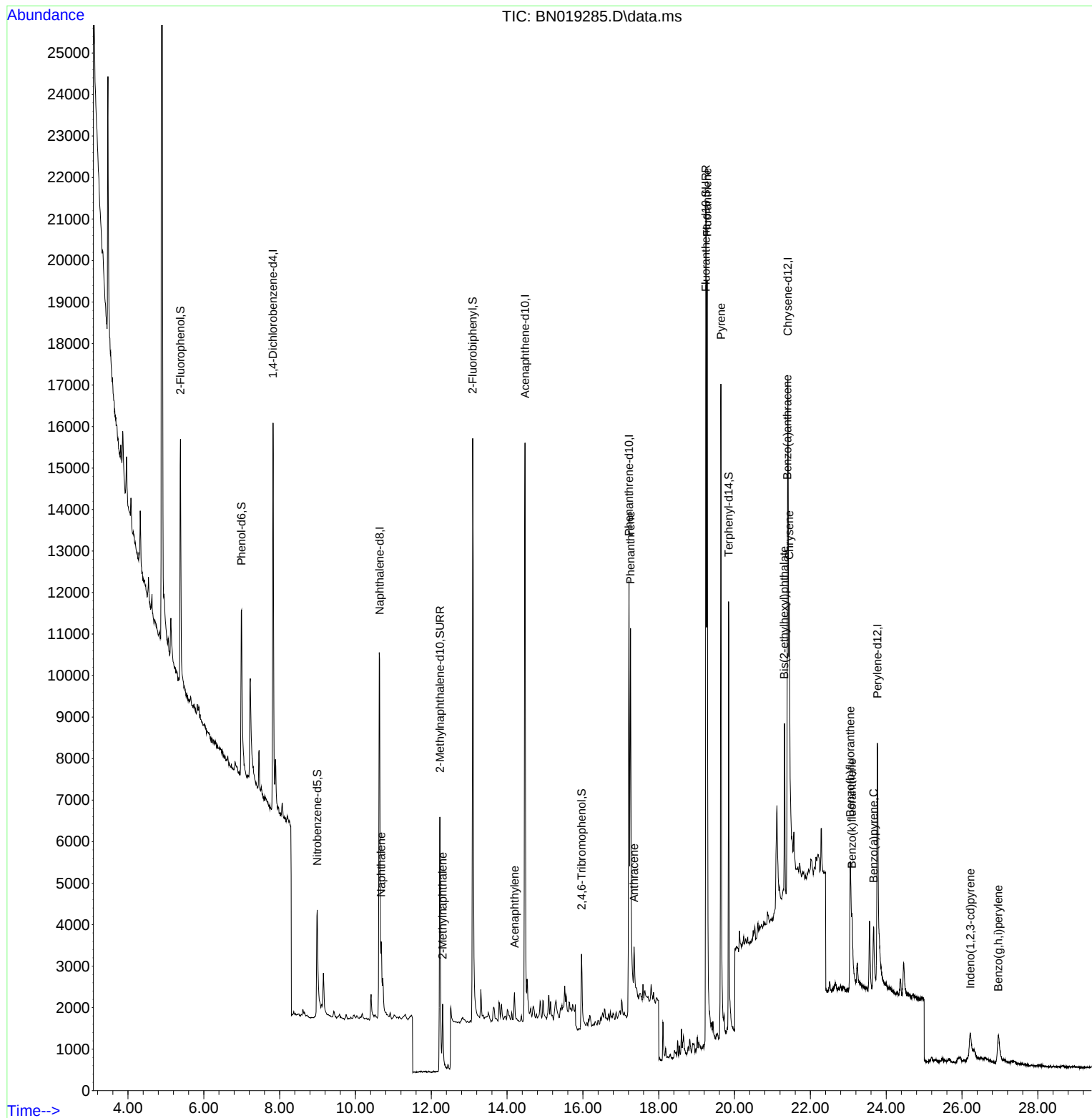
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019285.D
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Operator : CG/JU
Sample : N2220-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

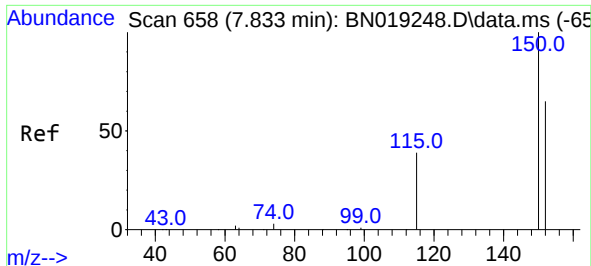
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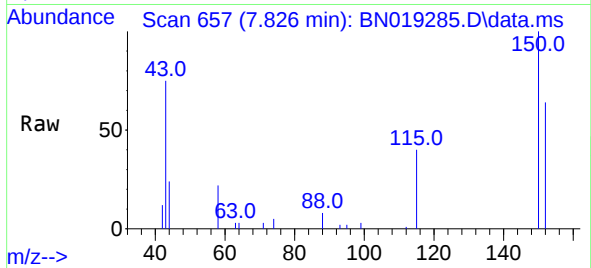
Quant Time: Apr 01 16:41:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

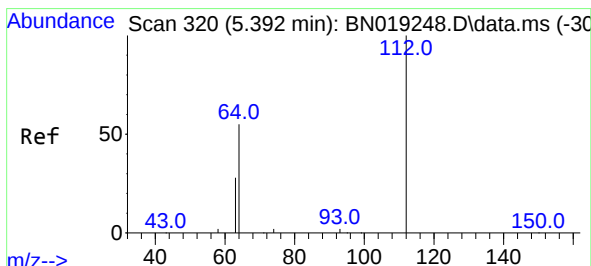
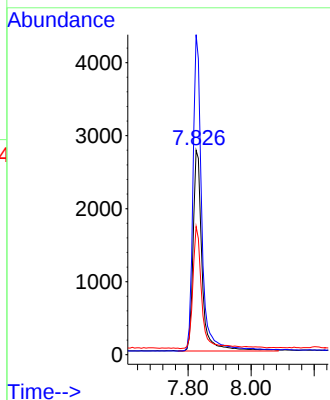
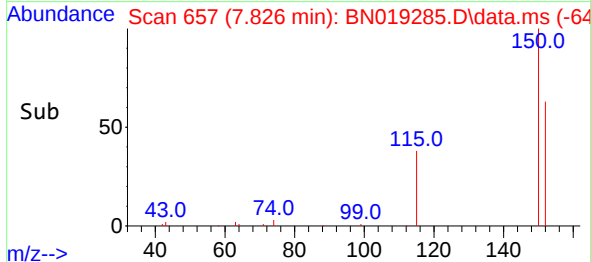
Instrument :
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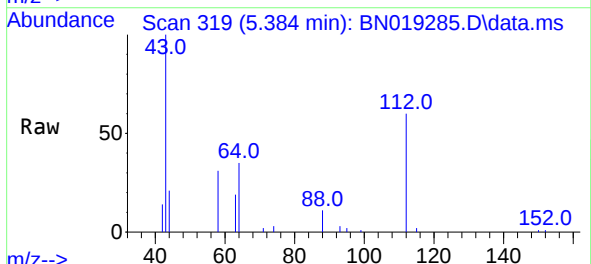
Tgt Ion:152 Resp: 5428
Ion Ratio Lower Upper
152 100
150 156.6 123.9 185.9
115 62.7 48.2 72.4

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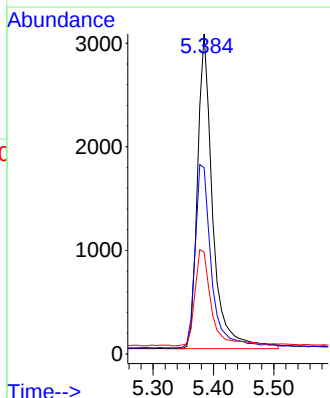
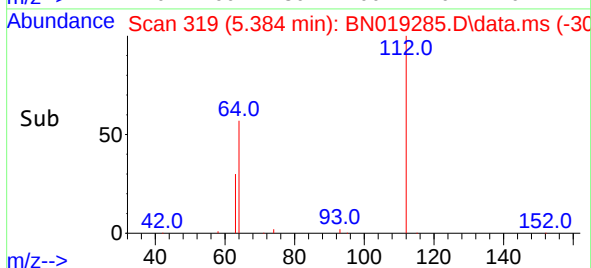
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

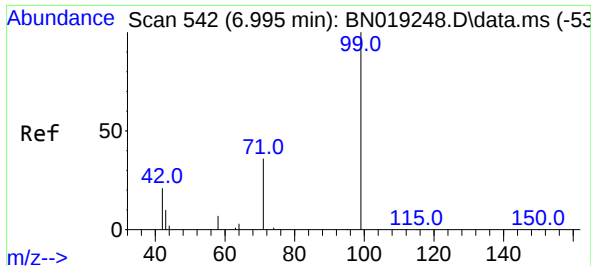


#4
2-Fluorophenol
Concen: 0.450 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



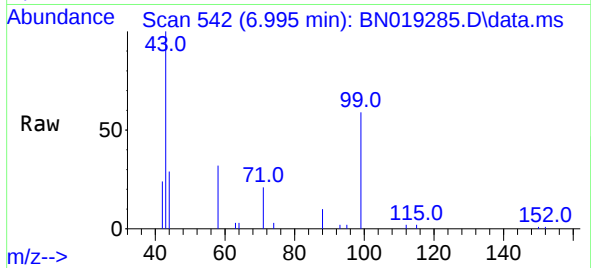
Tgt Ion:112 Resp: 5335
Ion Ratio Lower Upper
112 100
64 62.7 47.8 71.8
63 33.3 25.7 38.5





#5
Phenol-d6
Concen: 0.398 ng
RT: 6.995 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

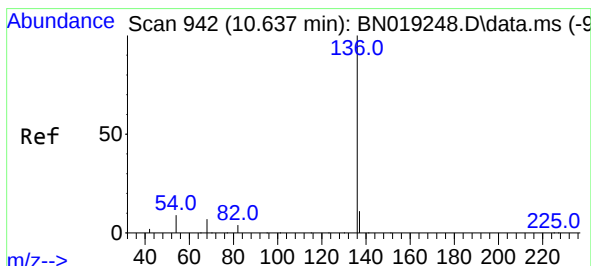
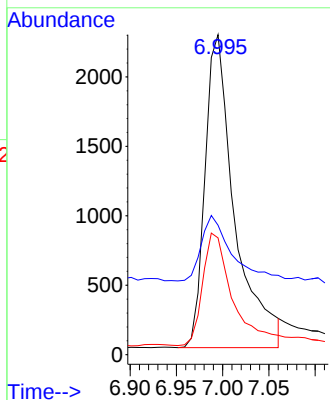
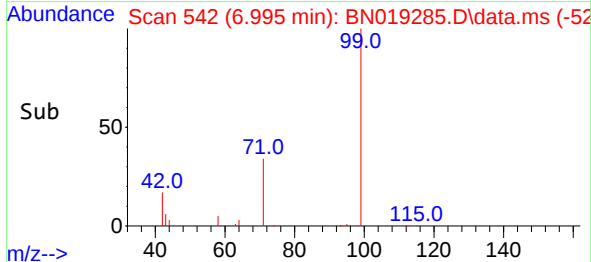
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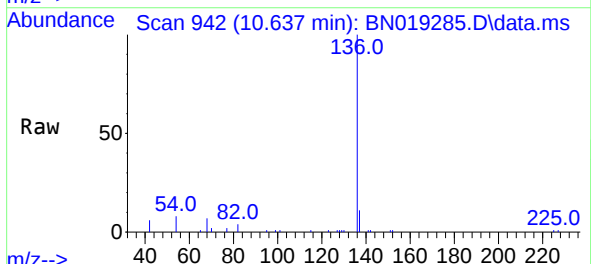
Tgt Ion: 99 Resp: 5018
Ion Ratio Lower Upper
99 100
42 21.3 16.2 24.4
71 36.5 27.7 41.5

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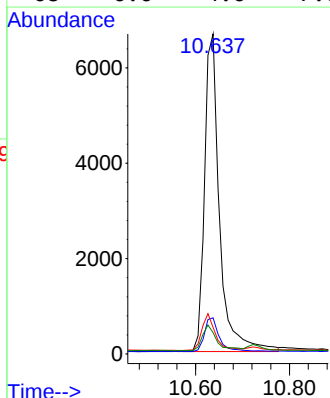
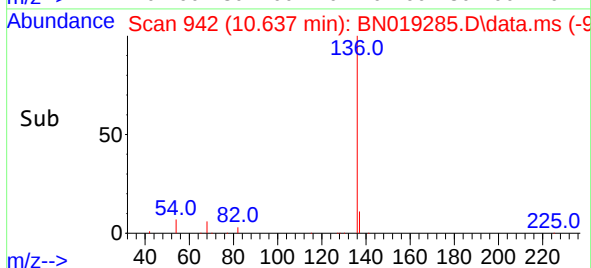
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

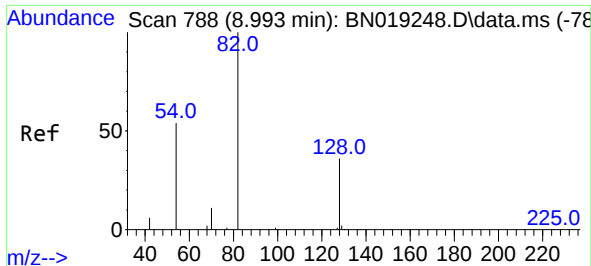


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



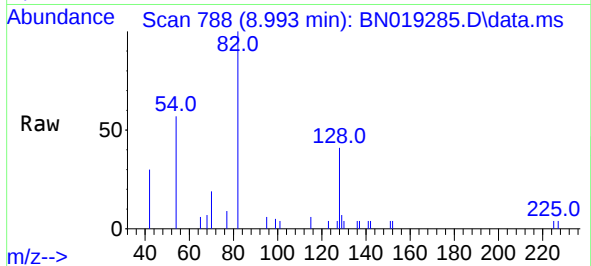
Tgt Ion:136 Resp: 14736
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.3 5.8 8.6
68 6.6 4.6 7.0





#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

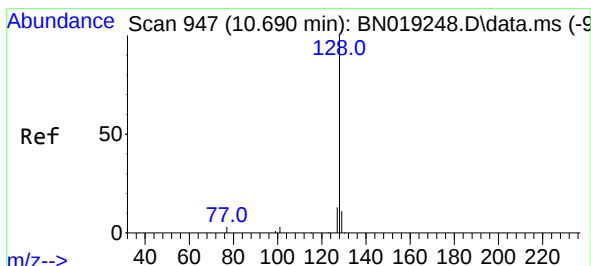
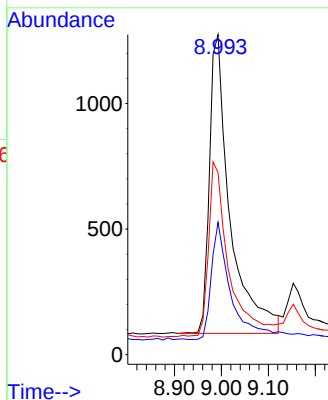
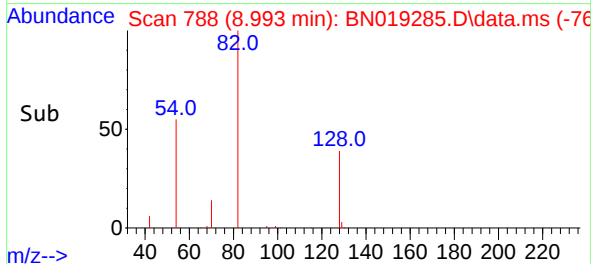
Instrument :
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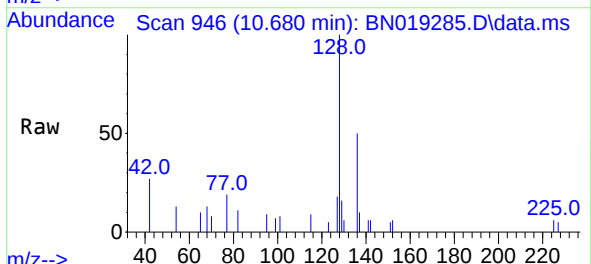
Tgt Ion: 82 Resp: 3628
Ion Ratio Lower Upper
82 100
128 41.4 33.0 49.6
54 56.9 42.5 63.7

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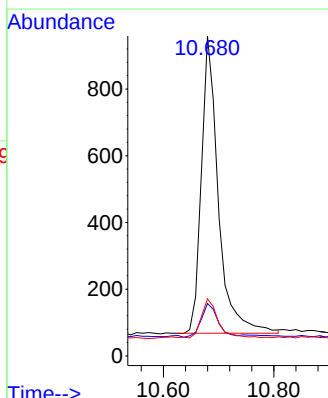
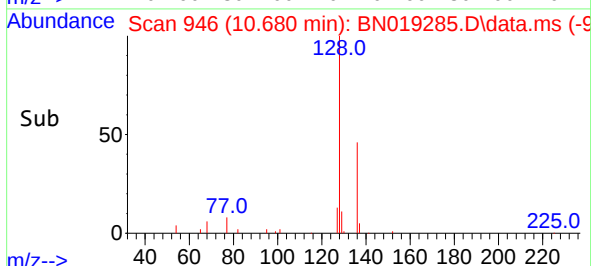
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

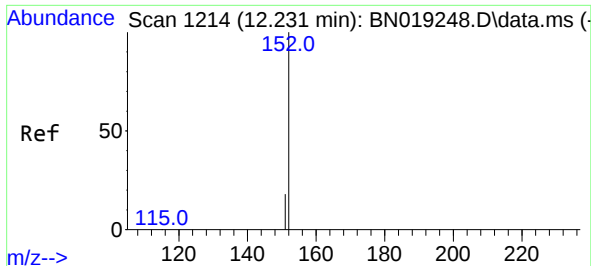


#9
Naphthalene
Concen: 0.045 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.011 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



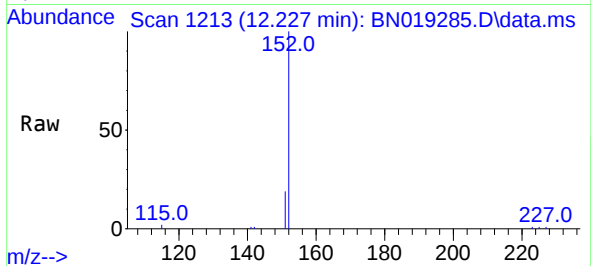
Tgt Ion:128 Resp: 1908
Ion Ratio Lower Upper
128 100
129 16.4 9.0 13.4#
127 17.8 10.7 16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.449 ng
RT: 12.227 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

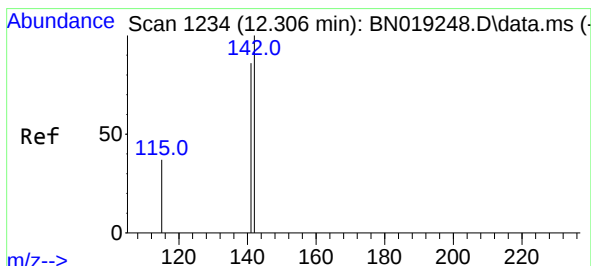
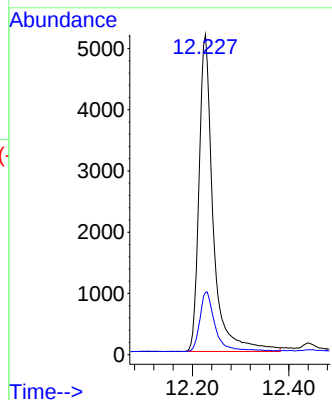
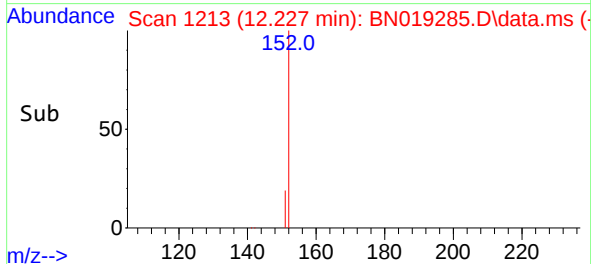
Instrument :
BNA_N
ClientSampleId :
A03015



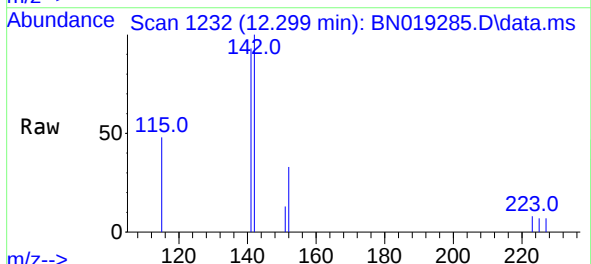
Tgt Ion:152 Resp: 10498
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7

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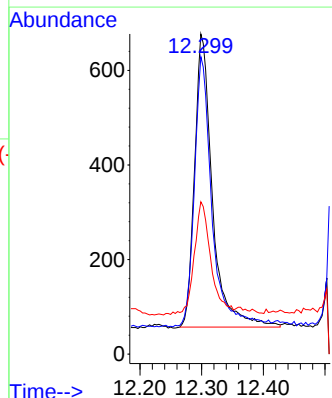
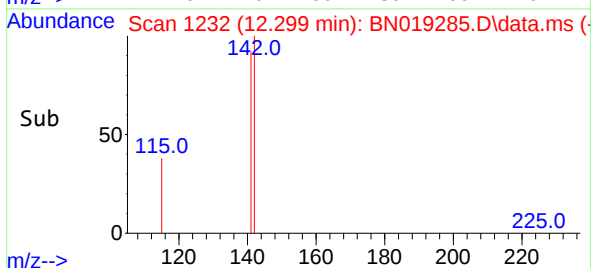
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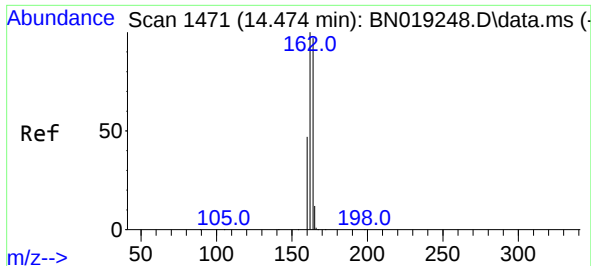


#12
2-Methylnaphthalene
Concen: 0.045 ng
RT: 12.299 min Scan# 1232
Delta R.T. -0.008 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



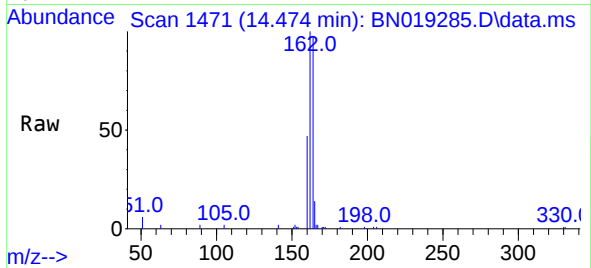
Tgt Ion:142 Resp: 1250
Ion Ratio Lower Upper
142 100
141 92.9 70.0 105.0
115 47.6 29.8 44.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

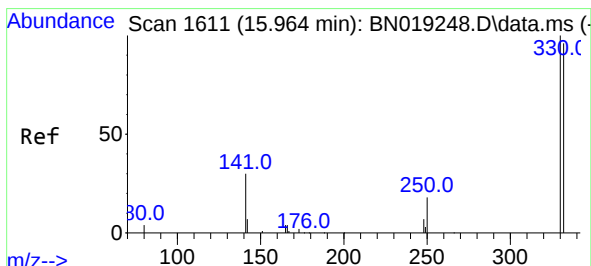
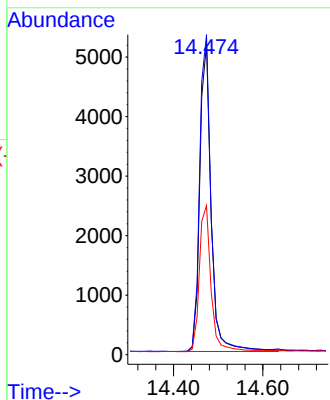
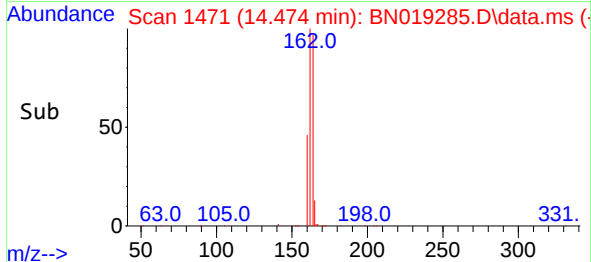
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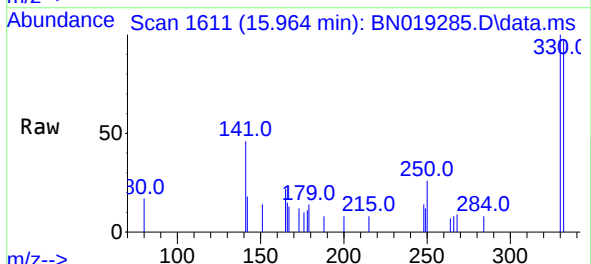
Tgt Ion:164 Resp: 913
Ion Ratio Lower Upper
164 100
162 103.0 85.2 127.8
160 48.0 41.5 62.3

Manual Integrations
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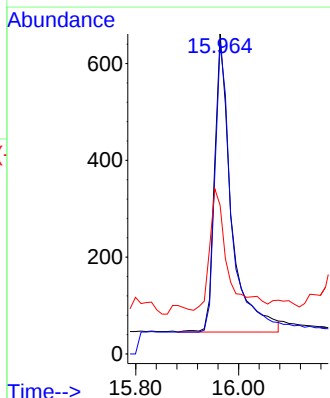
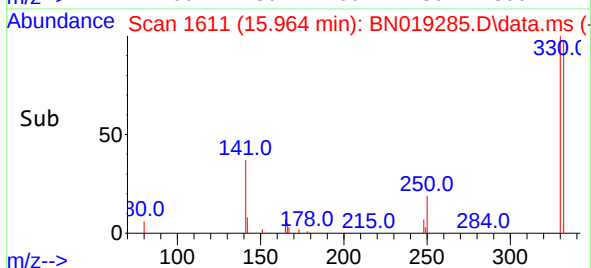
Reviewed By :Christian Giraldo 04/04/2022
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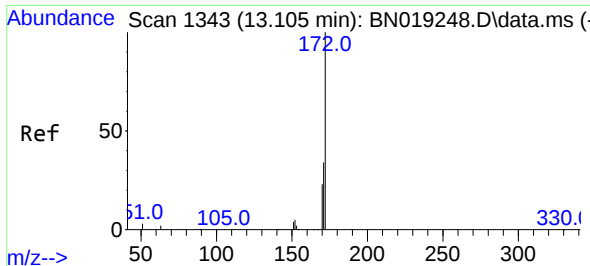


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



Tgt Ion:330 Resp: 1401
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 42.7 32.2 48.2





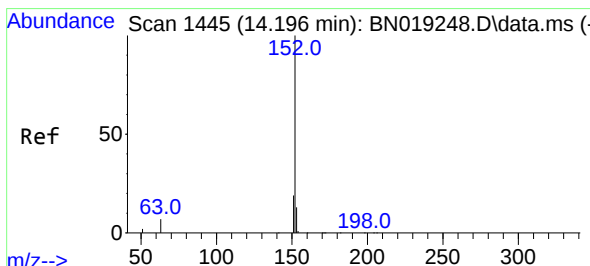
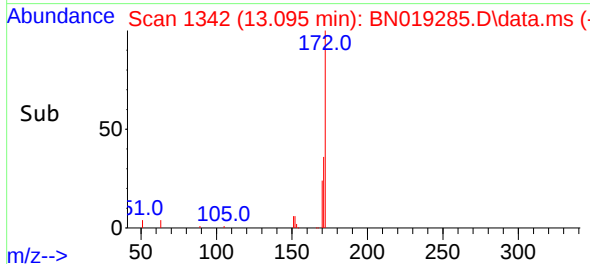
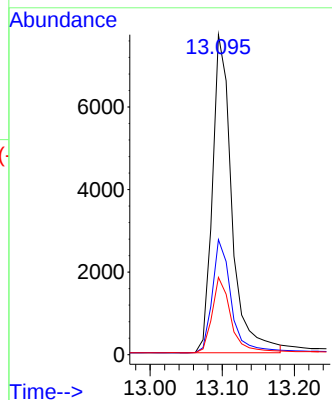
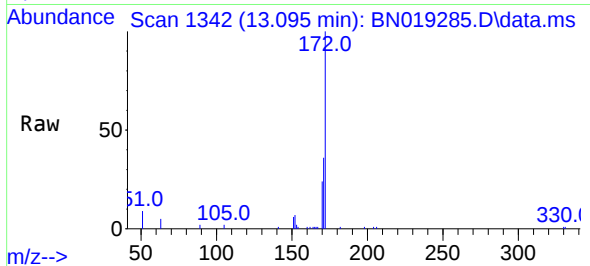
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.095 min Scan# 1441
Delta R.T. -0.011 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

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Tgt Ion:172 Resp: 14419
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.2 18.7 28.1

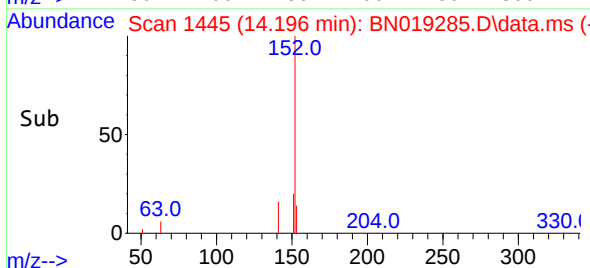
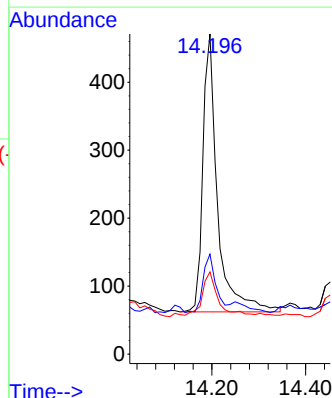
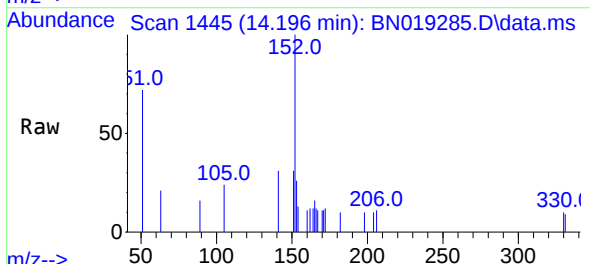
Manual Integrations
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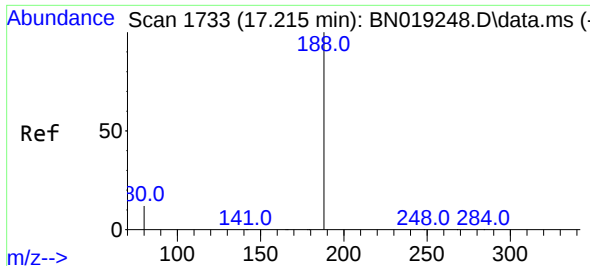
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#16
Acenaphthylene
Concen: 0.021 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

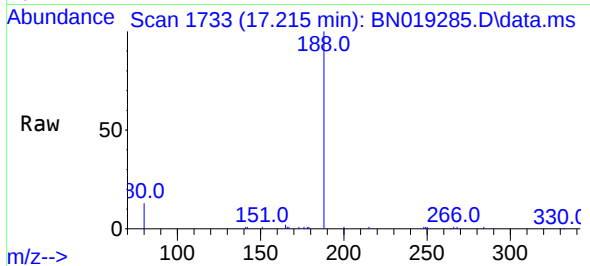
Tgt Ion:152 Resp: 888
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 18.6 10.6 15.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

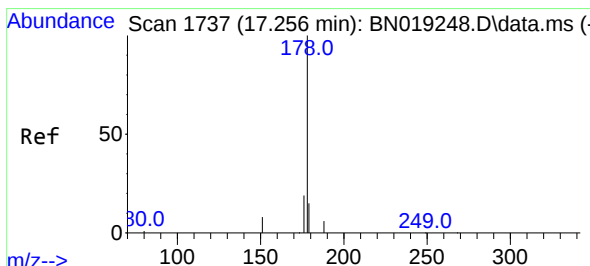
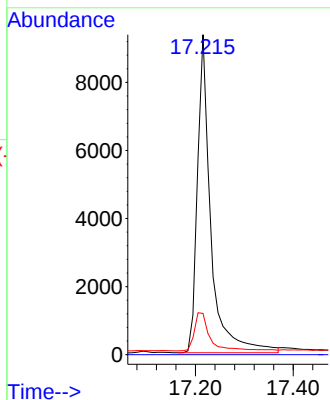
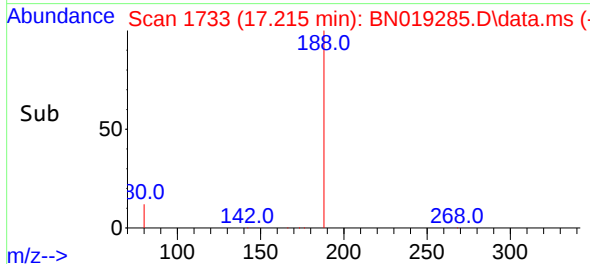
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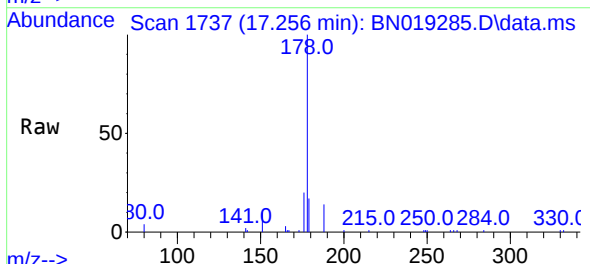
Tgt Ion:188 Resp: 1785
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 12.9 11.8 17.8

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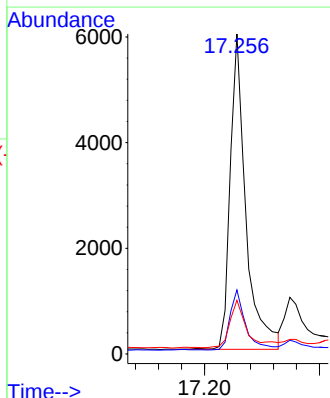
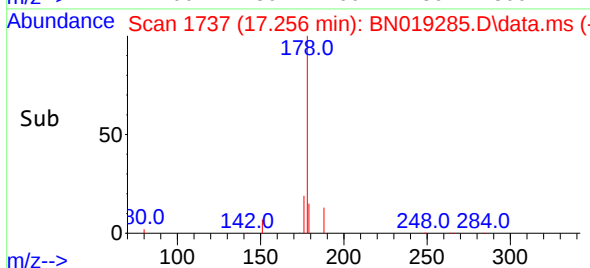
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

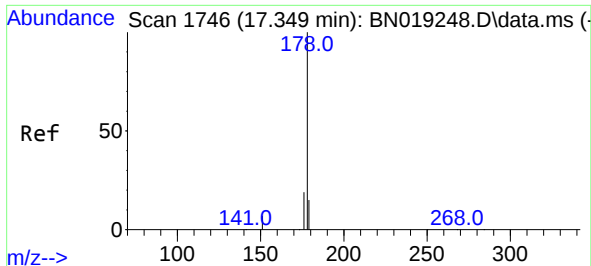


#25
Phenanthrene
Concen: 0.200 ng
RT: 17.256 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



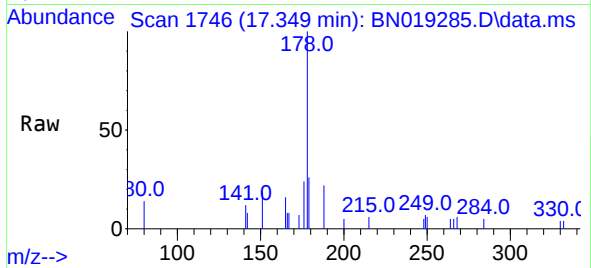
Tgt Ion:178 Resp: 11223
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.4 12.2 18.2





#26
 Anthracene
 Concen: 0.046 ng
 RT: 17.349 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN019285.D
 Acq: 01 Apr 2022 13:43

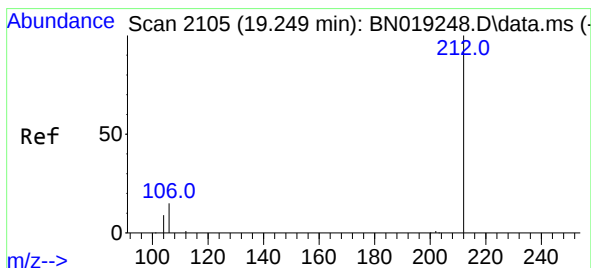
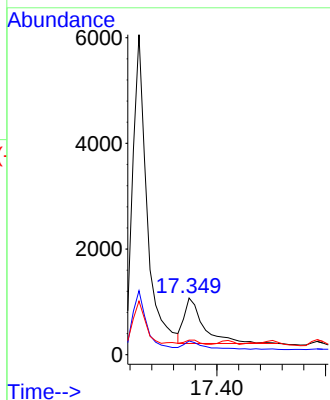
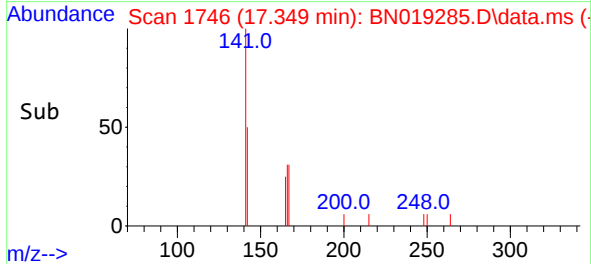
Instrument :
 BNA_N
 ClientSampleId :
 A03015



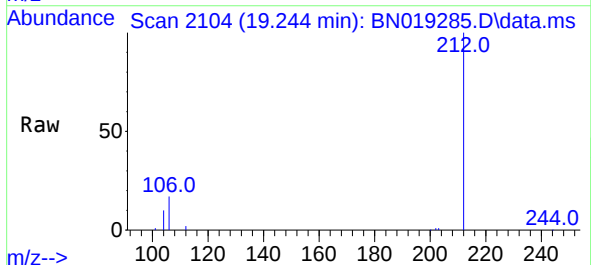
Tgt Ion:178 Resp: 2135
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.8 22.2
 179 6.3 12.2 18.4

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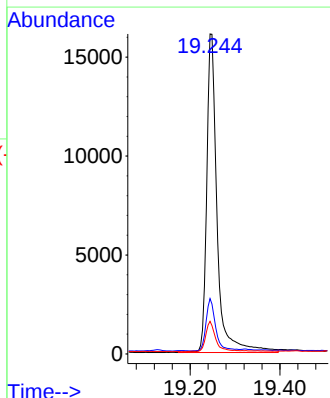
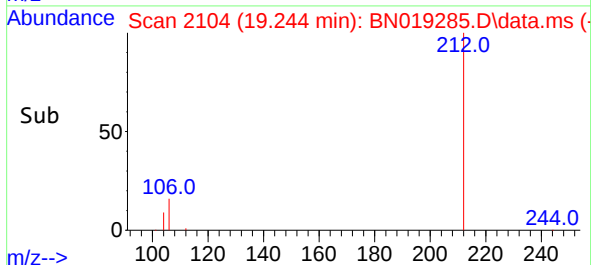
Reviewed By :Christian Giraldo 04/04/2022
 Supervised By :Jagrut Upadhyay 04/04/2022

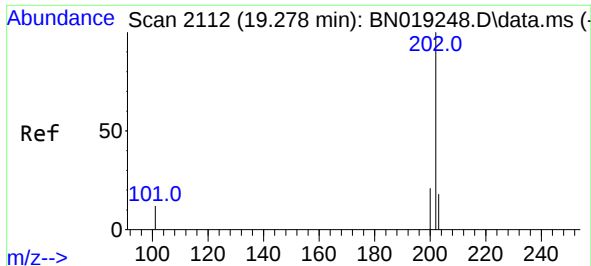


#27
 Fluoranthene-d10
 Concen: 0.483 ng
 RT: 19.244 min Scan# 2104
 Delta R.T. -0.004 min
 Lab File: BN019285.D
 Acq: 01 Apr 2022 13:43



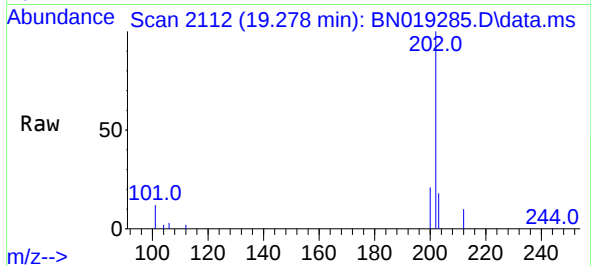
Tgt Ion:212 Resp: 25895
 Ion Ratio Lower Upper
 212 100
 106 15.1 12.7 19.1
 104 8.8 7.1 10.7





#28
Fluoranthene
Concen: 0.272 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

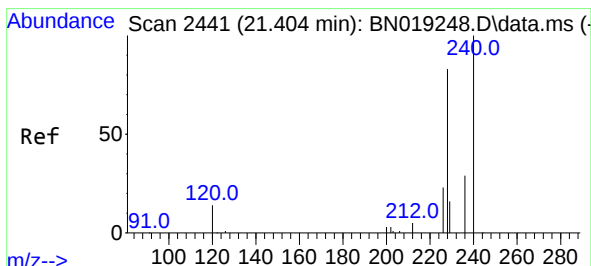
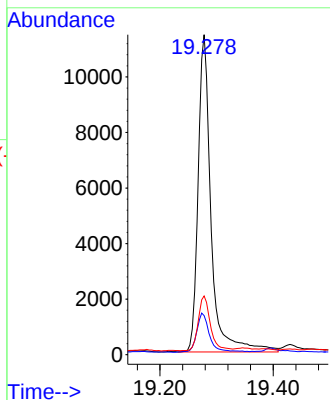
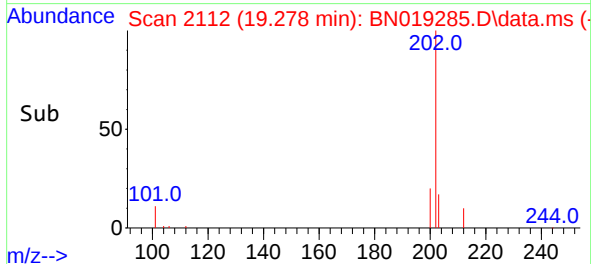
Instrument :
BNA_N
ClientSampleId :
A03015



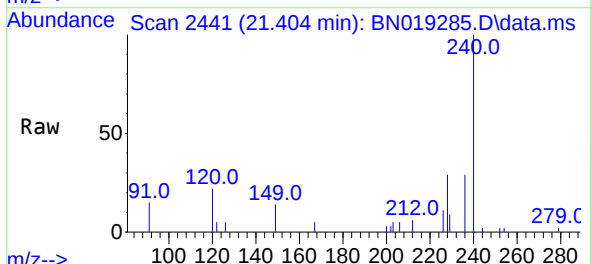
Tgt Ion:202 Resp: 18230
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.6
203 16.2 13.7 20.5

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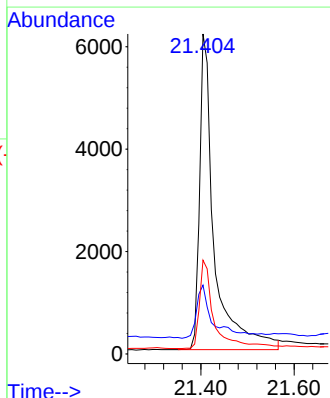
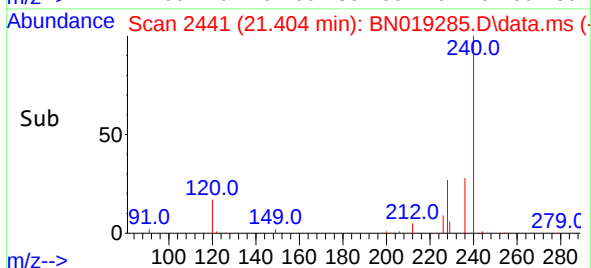
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

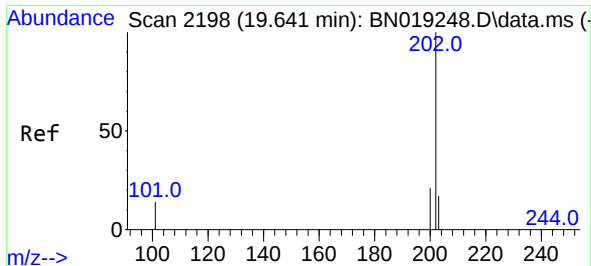


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



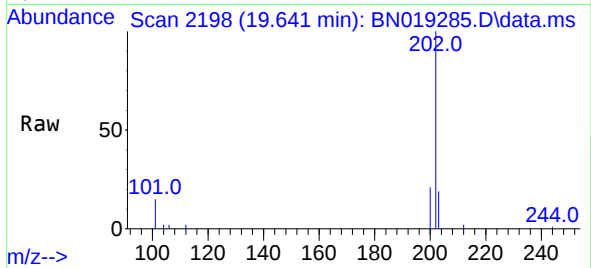
Tgt Ion:240 Resp: 13514
Ion Ratio Lower Upper
240 100
120 21.5 8.5 12.7#
236 29.3 22.4 33.6





#30
Pyrene
Concen: 0.234 ng
RT: 19.641 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

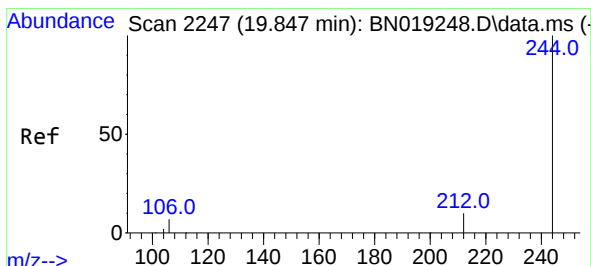
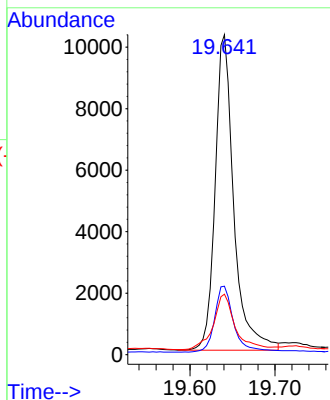
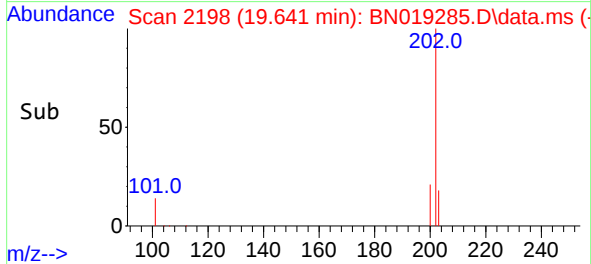
Instrument :
BNA_N
ClientSampleId :
A03015



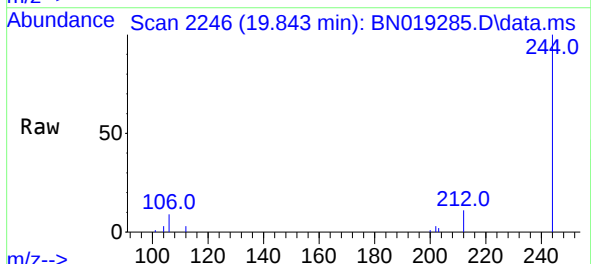
Tgt Ion:202 Resp: 1565
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 20.4 14.2 21.2

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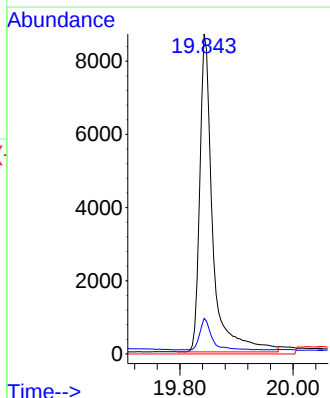
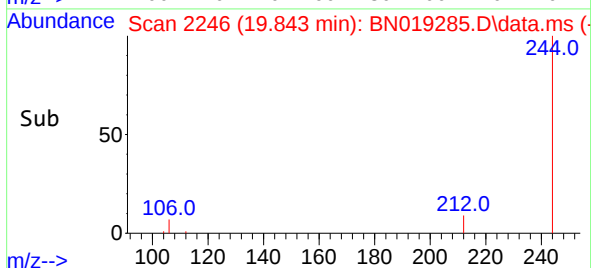
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

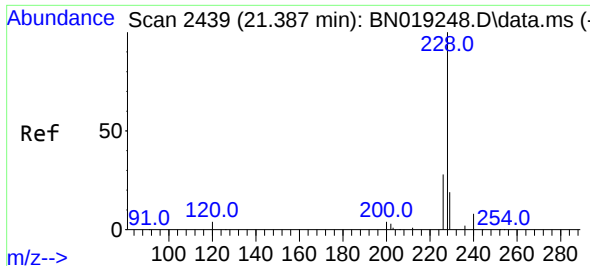


#31
Terphenyl-d14
Concen: 0.460 ng
RT: 19.843 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



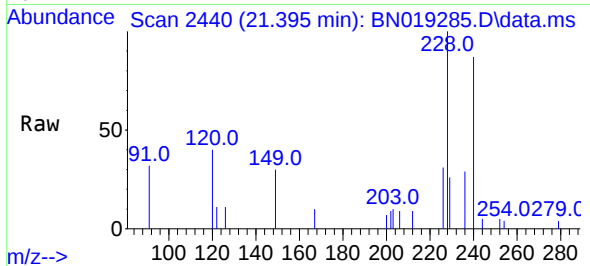
Tgt Ion:244 Resp: 13823
Ion Ratio Lower Upper
244 100
212 11.1 8.2 12.4
122 0.0 0.0 0.0





#32
Benzo(a)anthracene
Concen: 0.119 ng
RT: 21.395 min Scan# 2440
Delta R.T. 0.009 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

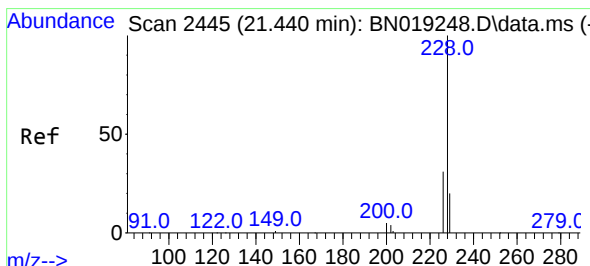
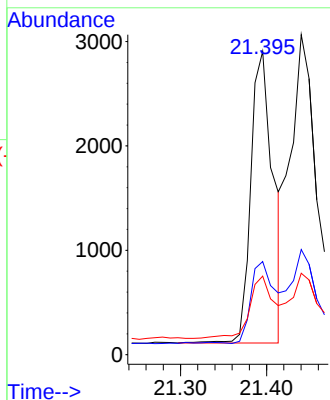
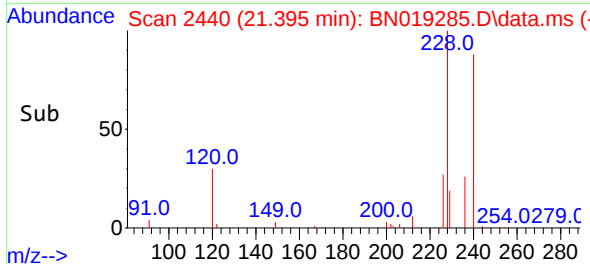
Instrument :
BNA_N
ClientSampleId :
A03015



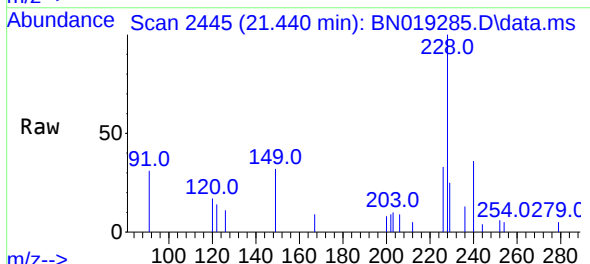
Tgt Ion:228 Resp: 5035
Ion Ratio Lower Upper
228 100
226 30.7 21.9 32.9
229 25.9 16.0 24.0

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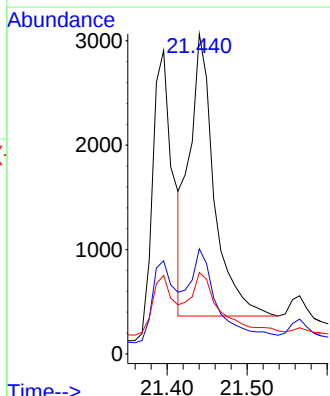
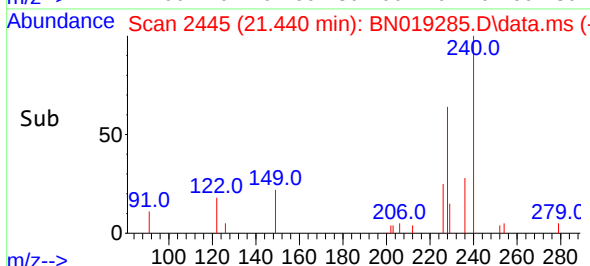
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

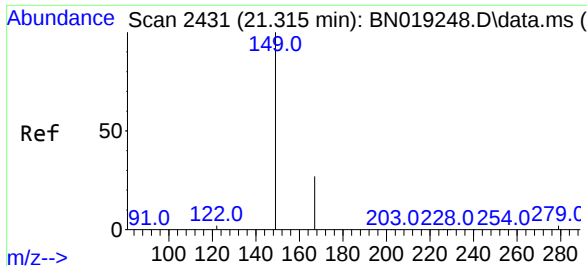


#33
Chrysene
Concen: 0.108 ng
RT: 21.440 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



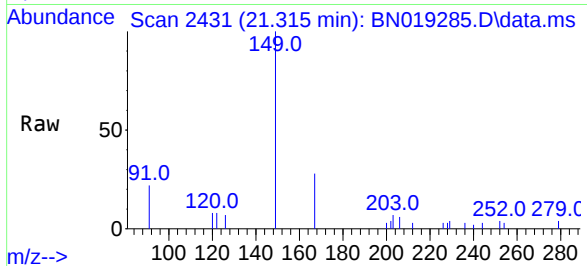
Tgt Ion:228 Resp: 5858
Ion Ratio Lower Upper
228 100
226 32.8 24.0 36.0
229 25.4 15.9 23.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

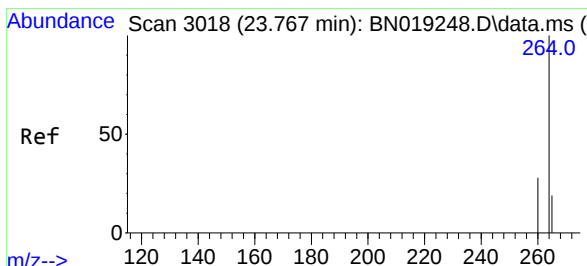
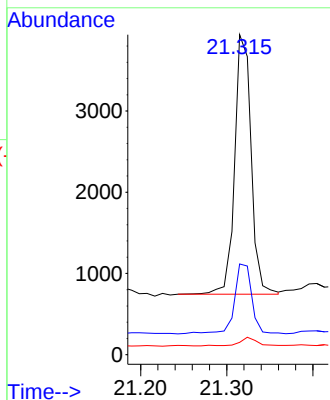
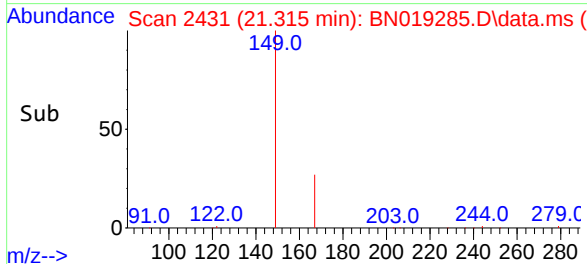
Instrument :
BNA_N
ClientSampleId :
A03015



Tgt Ion:149 Resp: 425
Ion Ratio Lower Upper
149 100
167 28.4 21.8 32.8
279 3.5 2.0 3.0

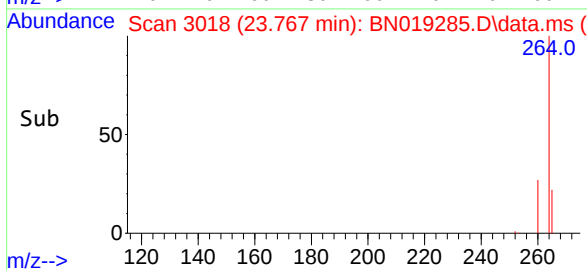
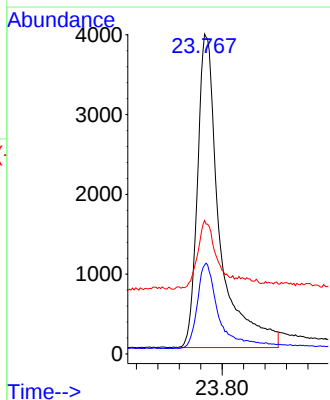
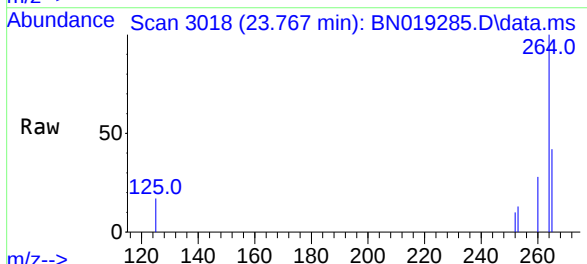
Manual Integrations
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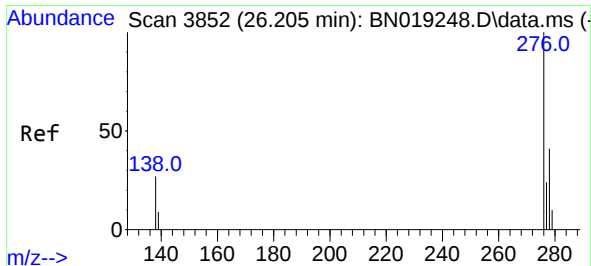
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.767 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

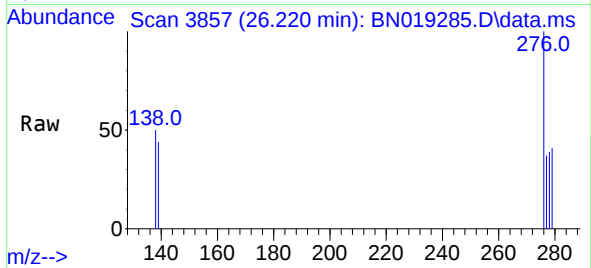
Tgt Ion:264 Resp: 11321
Ion Ratio Lower Upper
264 100
260 27.8 22.4 33.6
265 41.7 25.3 37.9





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng
RT: 26.220 min Scan# 3857
Delta R.T. 0.015 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

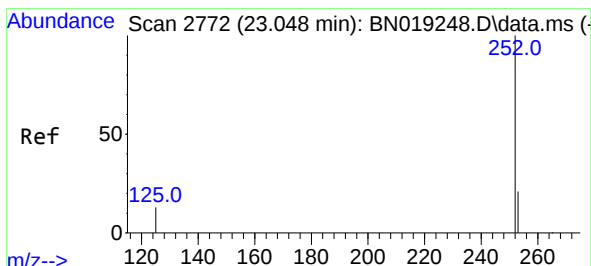
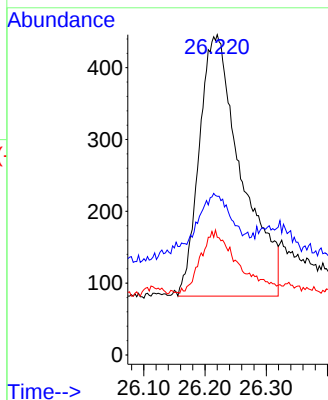
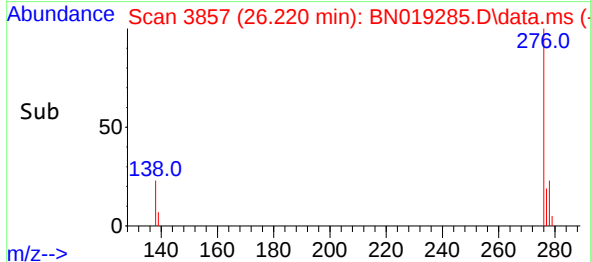
Instrument :
BNA_N
ClientSampleId :
A03015



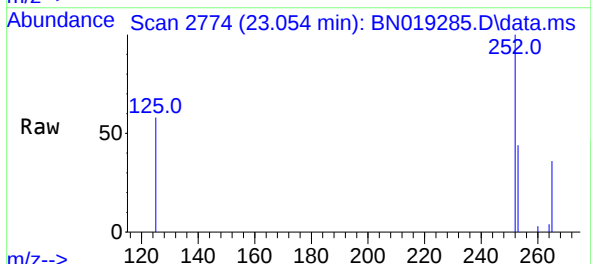
Tgt Ion:276 Resp: 1734
Ion Ratio Lower Upper
276 100
138 15.9 24.5 36.7#
277 7.6 19.8 29.8#

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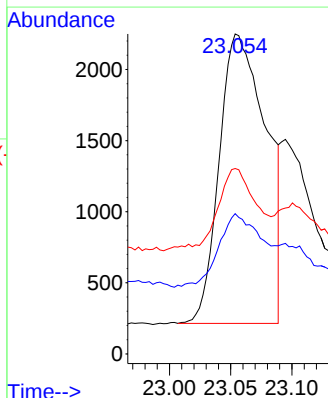
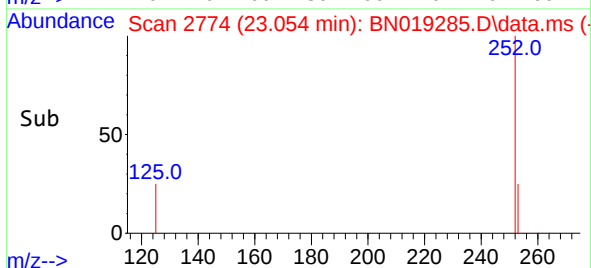
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

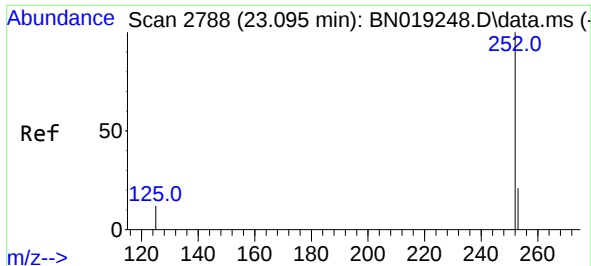


#37
Benzo(b)fluoranthene
Concen: 0.129 ng
RT: 23.054 min Scan# 2774
Delta R.T. 0.006 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



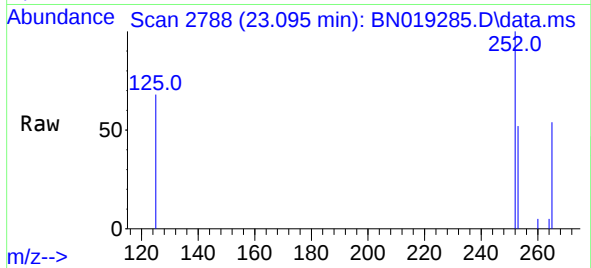
Tgt Ion:252 Resp: 5404
Ion Ratio Lower Upper
252 100
253 43.8 18.9 28.3#
125 58.0 12.1 18.1#





#38
Benzo(k)fluoranthene
Concen: 0.042 ng m
RT: 23.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

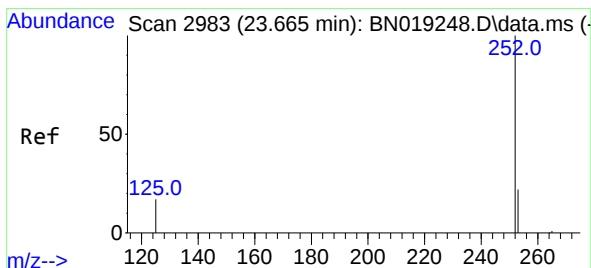
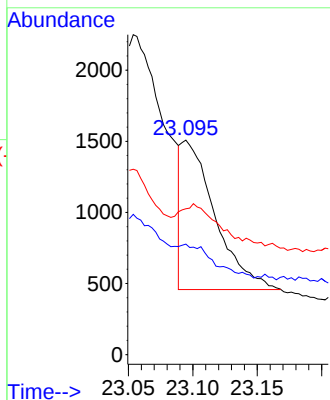
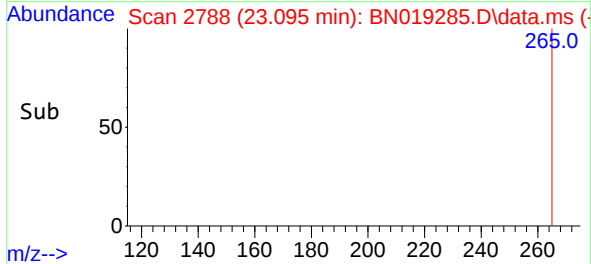
Instrument :
BNA_N
ClientSampleId :
A03015



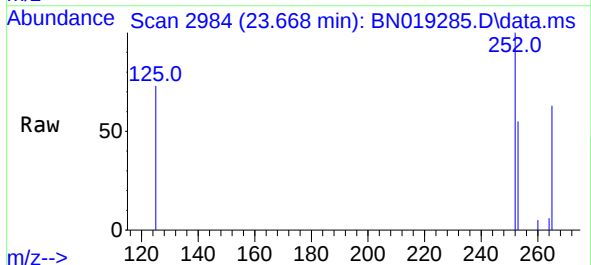
Tgt Ion:252 Resp: 1910
Ion Ratio Lower Upper
252 100
253 51.5 18.9 28.3#
125 68.0 10.3 15.5#

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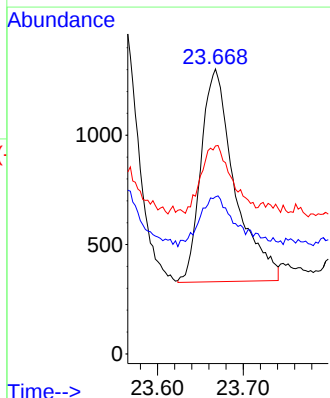
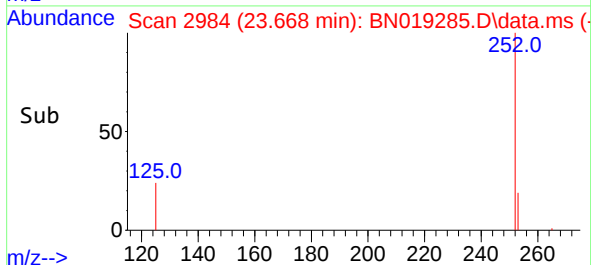
Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

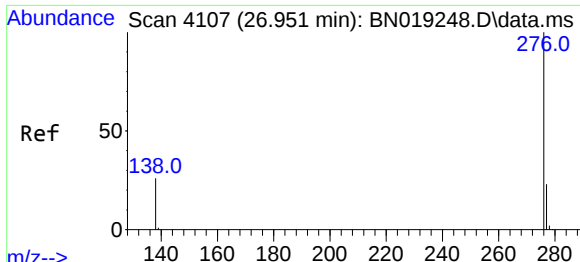


#39
Benzo(a)pyrene
Concen: 0.070 ng
RT: 23.668 min Scan# 2984
Delta R.T. 0.003 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43



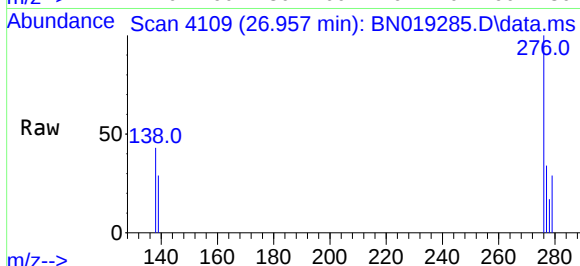
Tgt Ion:252 Resp: 2664
Ion Ratio Lower Upper
252 100
253 55.1 20.1 30.1#
125 73.0 15.2 22.8#





#41
Benzo(g,h,i)perylene
Concen: 0.045 ng
RT: 26.957 min Scan# 41
Delta R.T. 0.006 min
Lab File: BN019285.D
Acq: 01 Apr 2022 13:43

Instrument :
BNA_N
ClientSampleId :
A03015



Tgt Ion: 276 Resp: 2109

Ion	Ratio	Lower	Upper
276	100		
277	33.8	19.4	29.0
138	43.3	21.0	31.6

Manual Integrations
APPROVED

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

