

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
 Data File : BN019030.D
 Acq On : 21 Mar 2022 19:43
 Operator : CG/JU
 Sample : N2007-02 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP2

Quant Time: Mar 22 02:32:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/22/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	7680	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	20100	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	10311	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	15958	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	13124	0.400	ng	# 0.00
35) Perylene-d12	23.784	264	13220	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	387	0.022	ng	0.00
5) Phenol-d6	7.016	99	305	0.017	ng	0.00
8) Nitrobenzene-d5	9.025	82	193	0.013	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	552	0.017	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	79	0.016	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	833	0.020	ng	0.00
27) Fluoranthene-d10	19.261	212	886	0.019	ng	0.00
31) Terphenyl-d14	19.860	244	734	0.023	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	14.206	152	1434	0.030	ng	100
25) Phenanthrene	17.277	178	6246	0.125	ng	100
26) Anthracene	17.369	178	2107	0.050	ng	# 93
28) Fluoranthene	19.291	202	16098	0.275	ng	99
30) Pyrene	19.653	202	15397	0.236	ng	# 96
32) Benzo(a)anthracene	21.404	228	7093	0.175	ng	# 83
33) Chrysene	21.458	228	8289	0.152	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.333	149	2234	0.083	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.232	276	5862	0.123	ng	# 87
37) Benzo(b)fluoranthene	23.068	252	11440	0.237	ng	# 62
38) Benzo(k)fluoranthene	23.109	252	4478m	0.068	ng	
39) Benzo(a)pyrene	23.679	252	7031	0.160	ng	# 67
40) Dibenzo(a,h)anthracene	26.234	278	1161	0.031	ng	# 1
41) Benzo(g,h,i)perylene	26.986	276	8459	0.181	ng	# 85

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

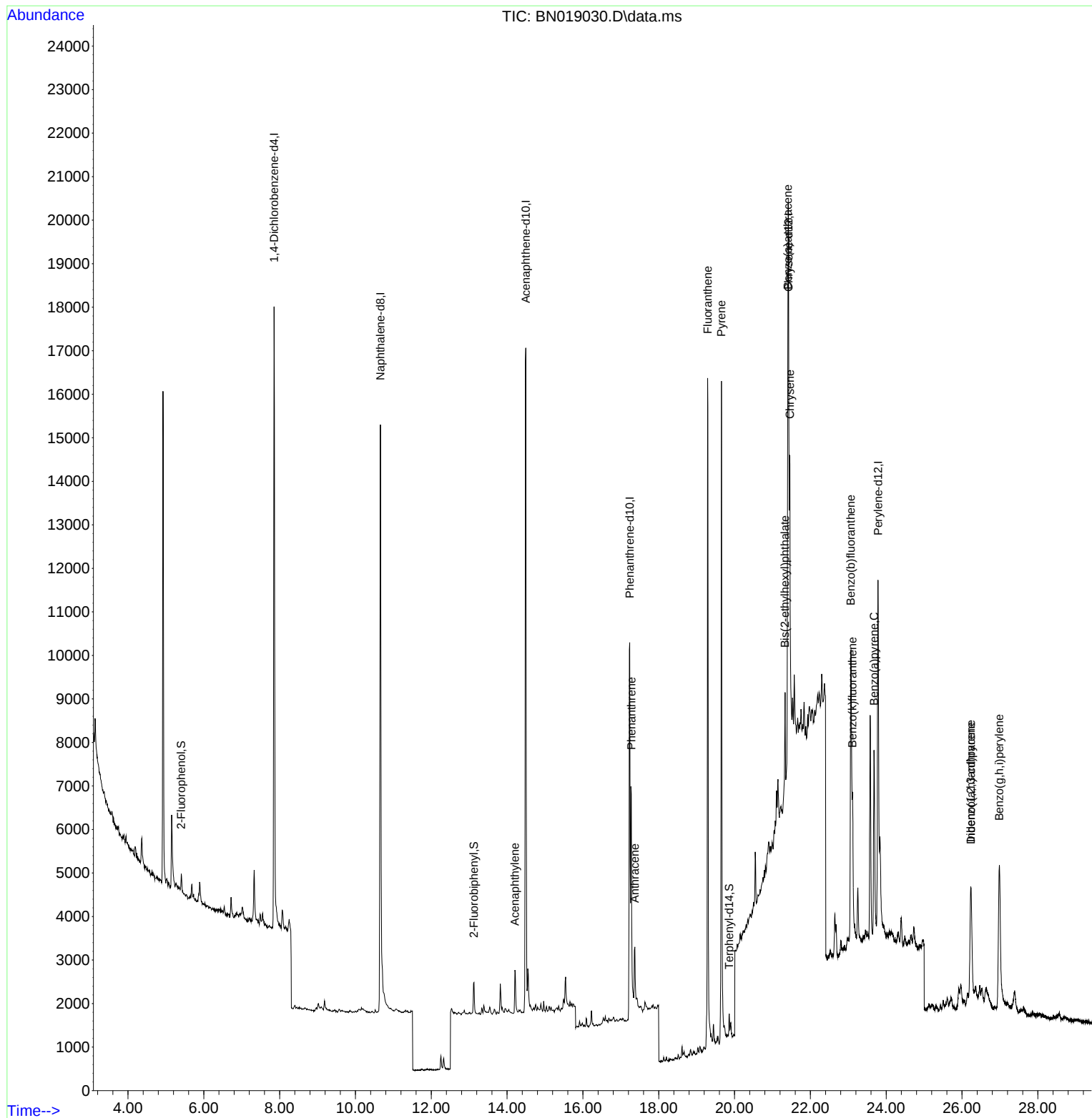
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019030.D
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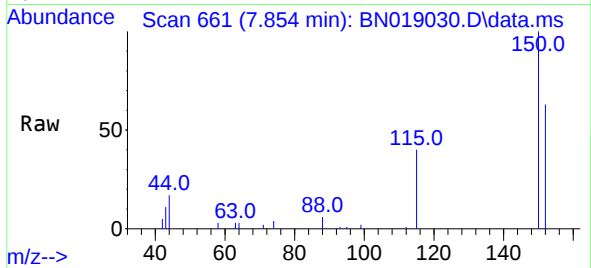
Quant Time: Mar 22 02:32:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

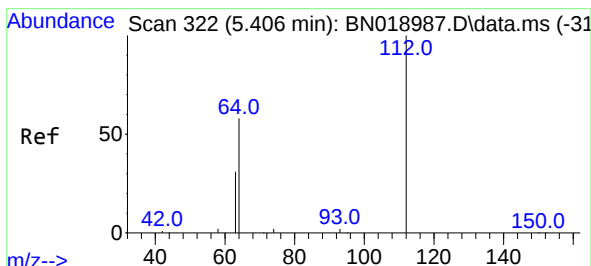
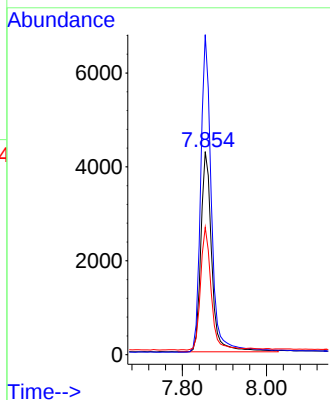
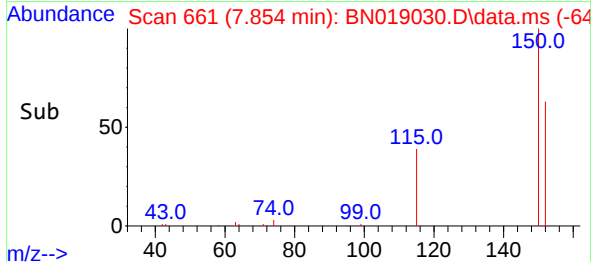
Instrument :
BNA_N
ClientSampleId :
SP2



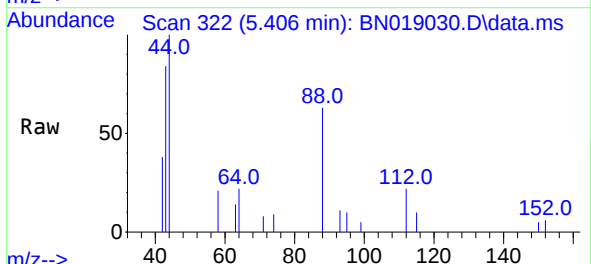
Tgt Ion:152 Resp: 7680
Ion Ratio Lower Upper
152 100
150 157.6 123.9 185.9
115 62.7 48.2 72.4

Manual Integrations
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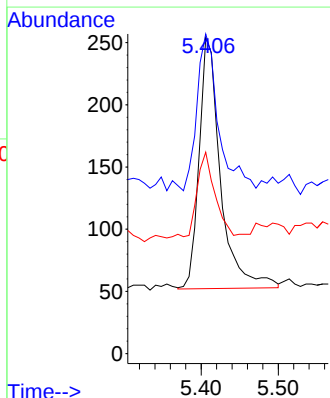
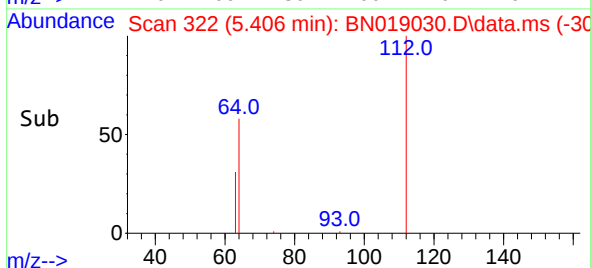
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Supervised By :Jagrut Upadhyay 03/23/2022

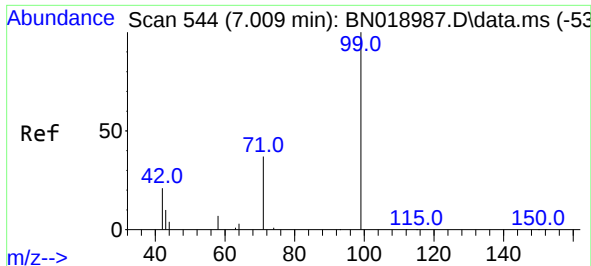


#4
2-Fluorophenol
Concen: 0.022 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43



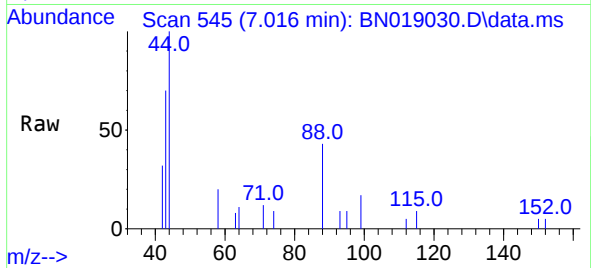
Tgt Ion:112 Resp: 387
Ion Ratio Lower Upper
112 100
64 63.3 47.8 71.8
63 30.2 25.7 38.5





#5
Phenol-d6
Concen: 0.017 ng
RT: 7.016 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

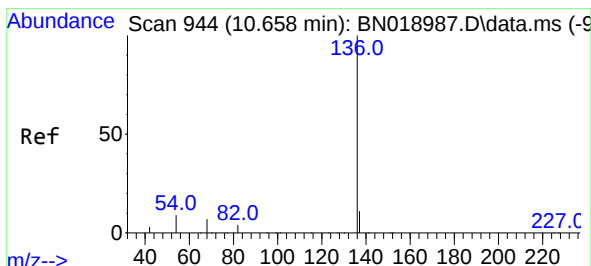
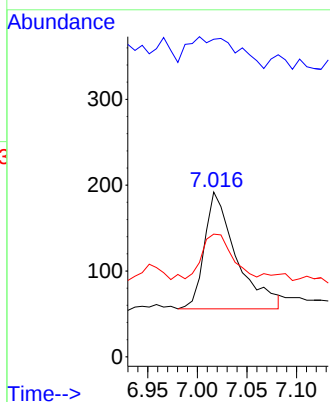
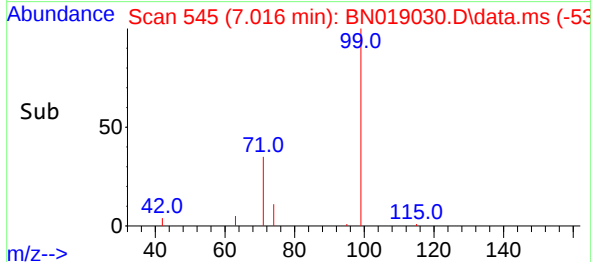
Instrument :
BNA_N
ClientSampleId :
SP2



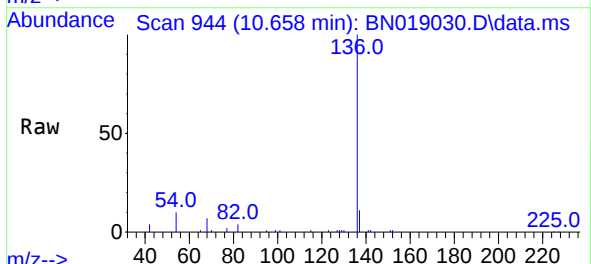
Tgt Ion: 99 Resp: 309
Ion Ratio Lower Upper
99 100
42 13.8 16.2 24.4#
71 36.7 27.7 41.5#

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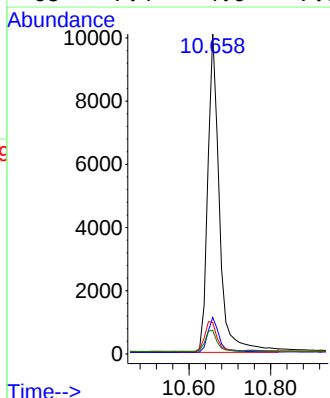
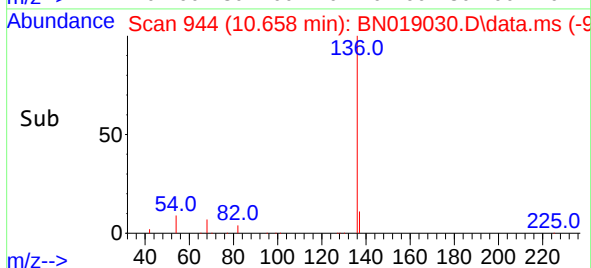
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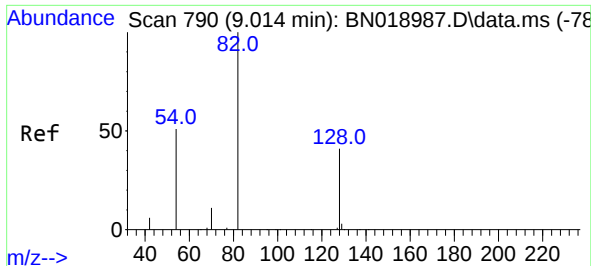


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43



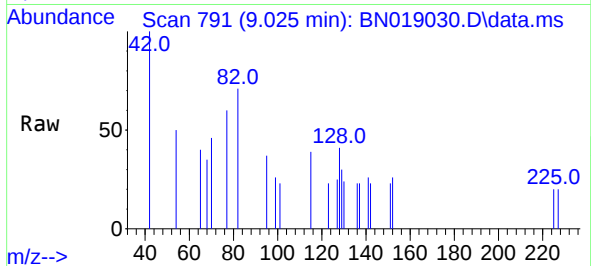
Tgt Ion:136 Resp: 20100
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 9.9 5.8 8.6#
68 7.4 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.013 ng
RT: 9.025 min Scan# 790
Delta R.T. 0.011 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

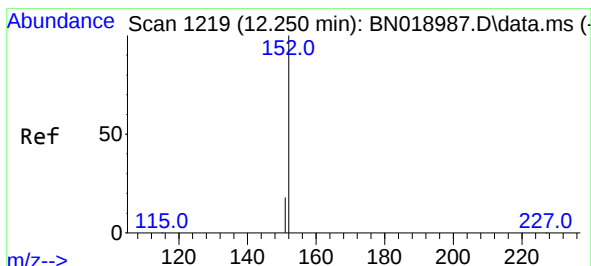
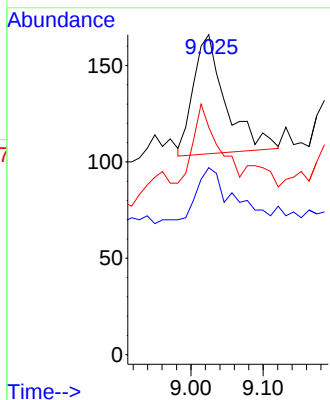
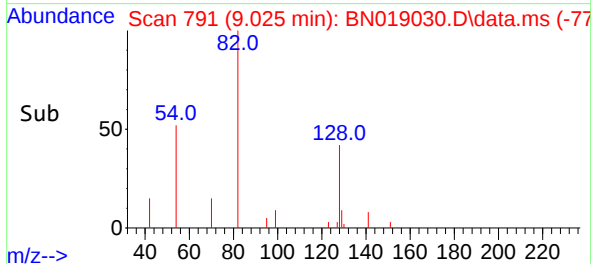
Instrument :
BNA_N
ClientSampleId :
SP2



Tgt Ion: 82 Resp: 190
Ion Ratio Lower Upper
82 100
128 58.4 33.0 49.6
54 71.1 42.5 63.7

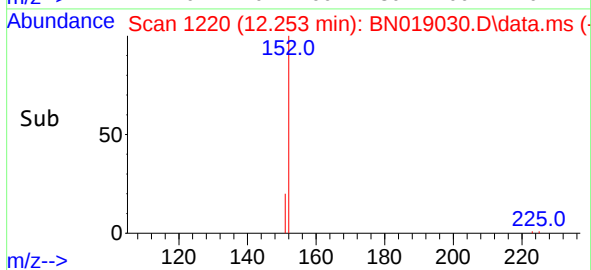
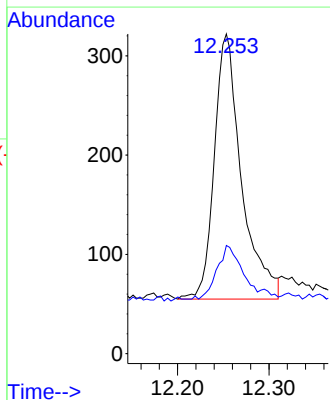
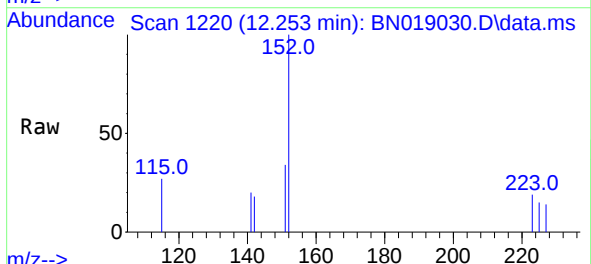
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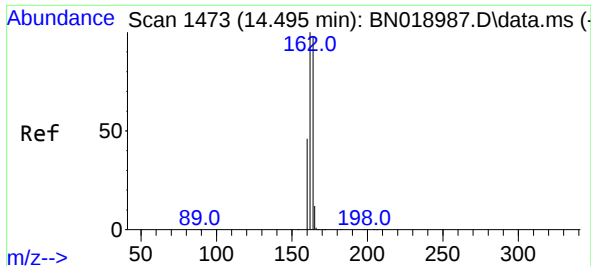
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#11
2-Methylnaphthalene-d10
Concen: 0.017 ng
RT: 12.253 min Scan# 1220
Delta R.T. 0.004 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

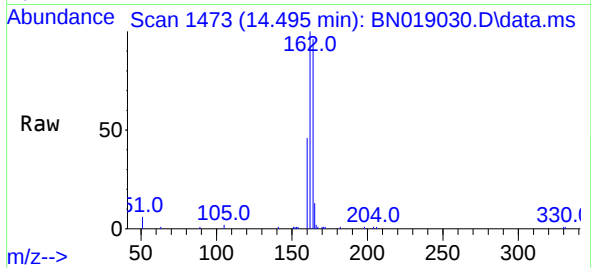
Tgt Ion:152 Resp: 552
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

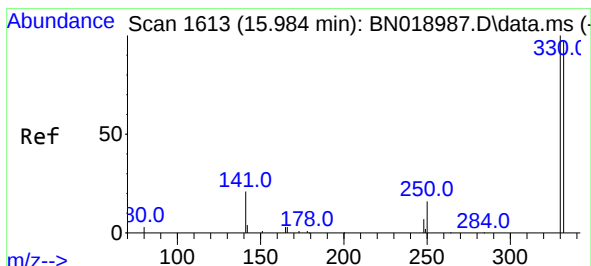
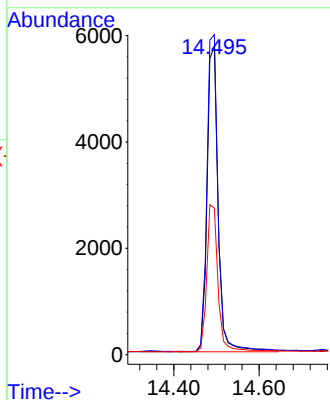
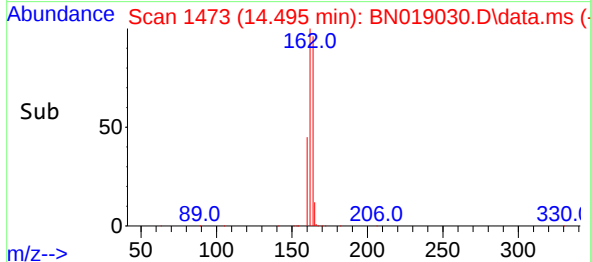
Instrument :
BNA_N
ClientSampleId :
SP2



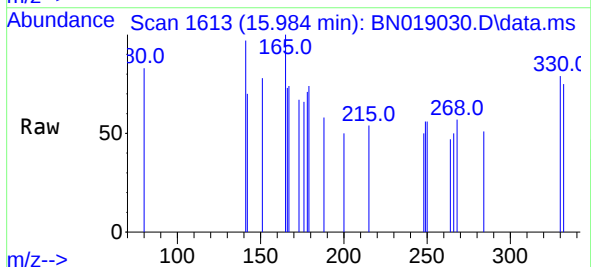
Tgt Ion:164 Resp: 1031
Ion Ratio Lower Upper
164 100
162 103.7 85.2 127.8
160 47.5 41.5 62.3

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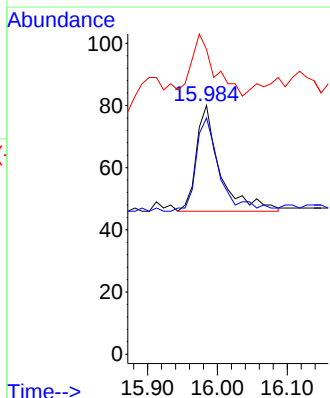
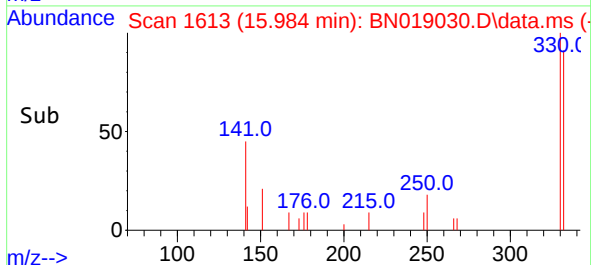
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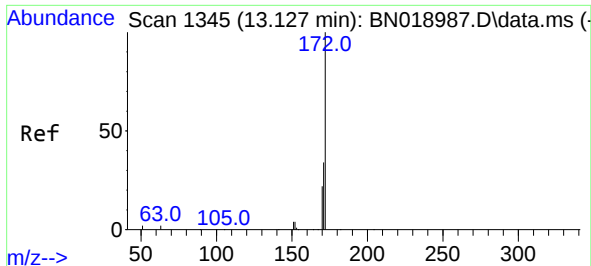


#14
2,4,6-Tribromophenol
Concen: 0.016 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43



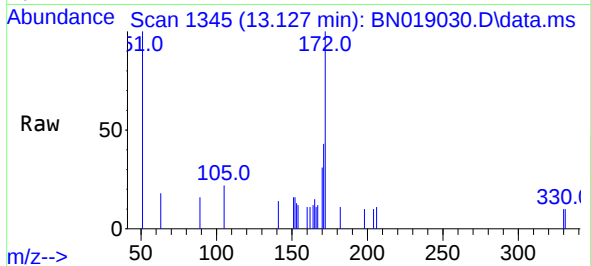
Tgt Ion:330 Resp: 79
Ion Ratio Lower Upper
330 100
332 88.6 76.8 115.2
141 57.0 32.2 48.2#





#15
2-Fluorobiphenyl
Concen: 0.020 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

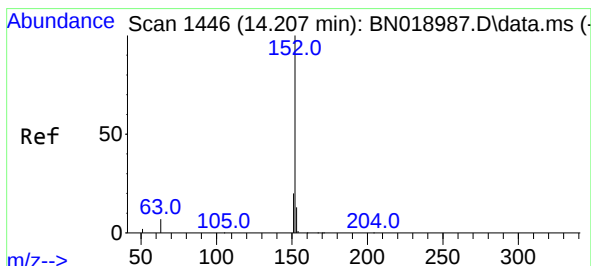
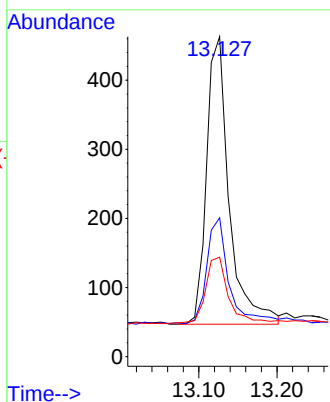
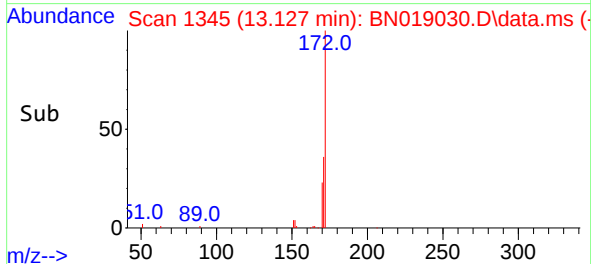
Instrument :
BNA_N
ClientSampleId :
SP2



Tgt Ion:	172	Resp:	83
Ion	Ratio	Lower	Upper
172	100		
171	43.4	28.2	42.2
170	31.1	18.7	28.1

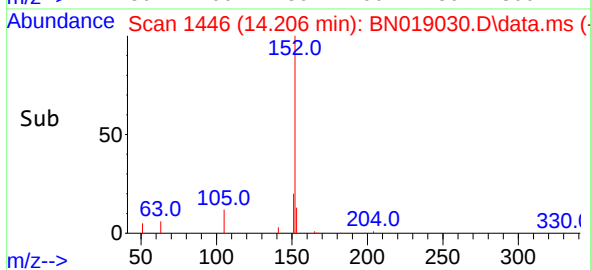
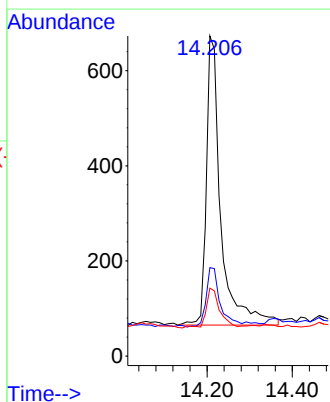
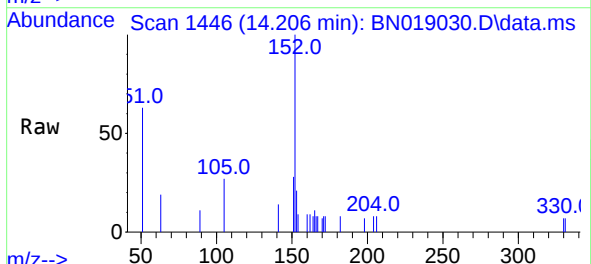
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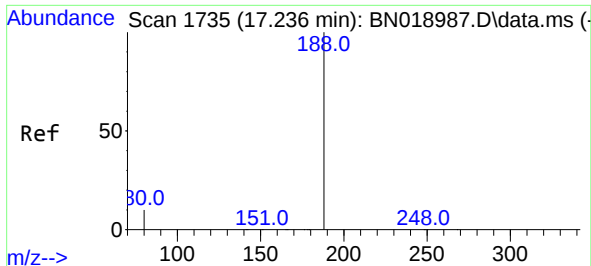
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#16
Acenaphthylene
Concen: 0.030 ng
RT: 14.206 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

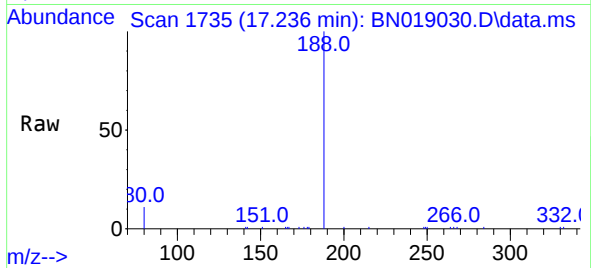
Tgt Ion:	152	Resp:	1434
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.2	10.6	15.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

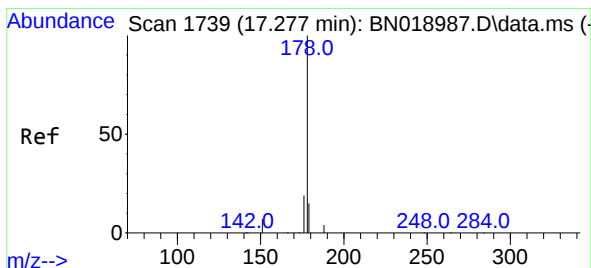
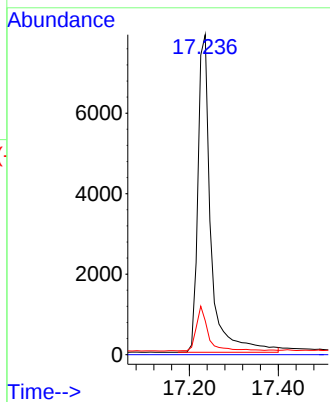
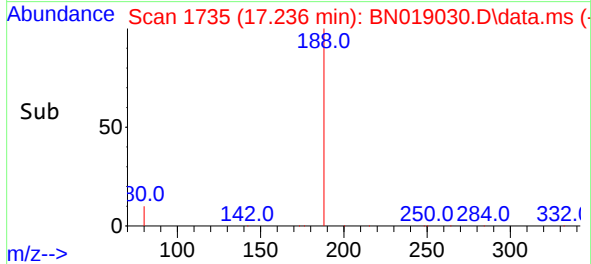
Instrument :
BNA_N
ClientSampleId :
SP2



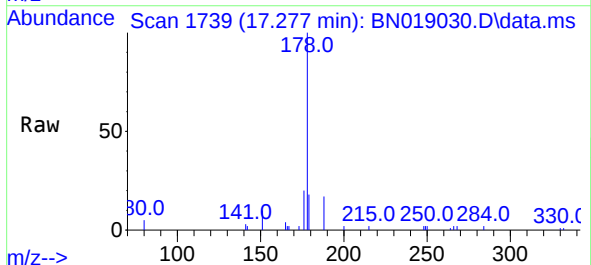
Tgt Ion:188 Resp: 1595
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 11.8 17.8

Manual Integrations
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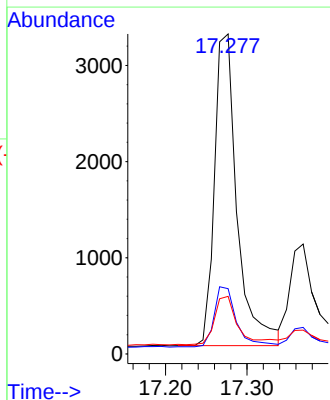
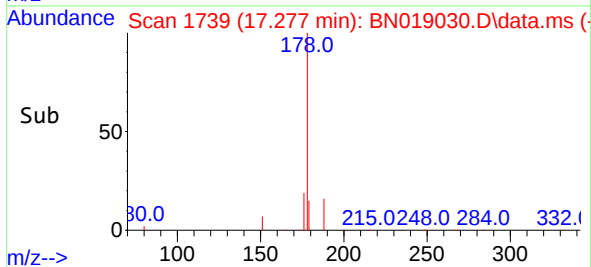
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022

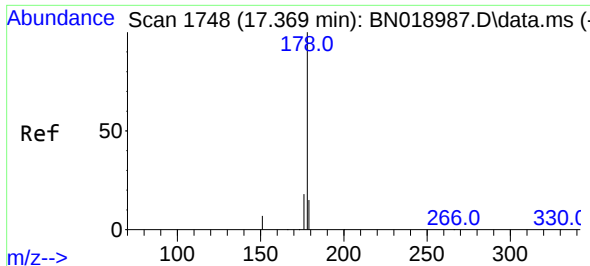


#25
Phenanthrene
Concen: 0.125 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43



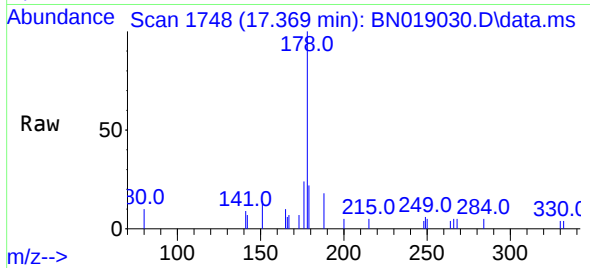
Tgt Ion:178 Resp: 6246
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.2 18.2





#26
 Anthracene
 Concen: 0.050 ng
 RT: 17.369 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN019030.D
 Acq: 21 Mar 2022 19:43

Instrument :
 BNA_N
 ClientSampleId :
 SP2

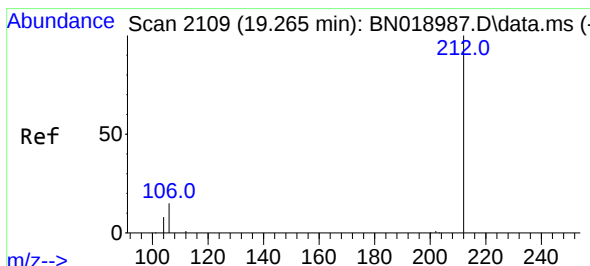
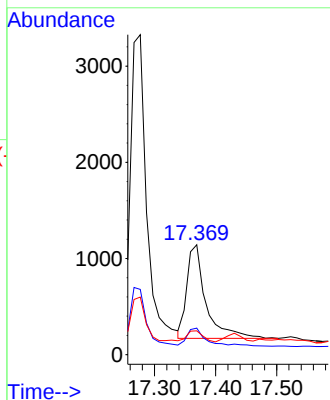
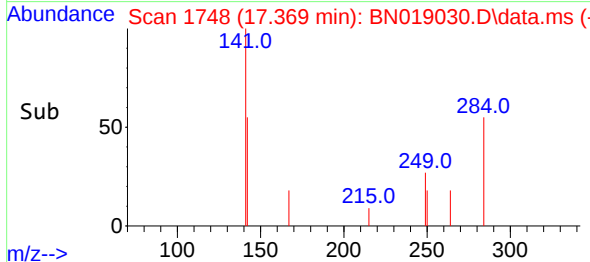


Tgt Ion:178 Resp: 210

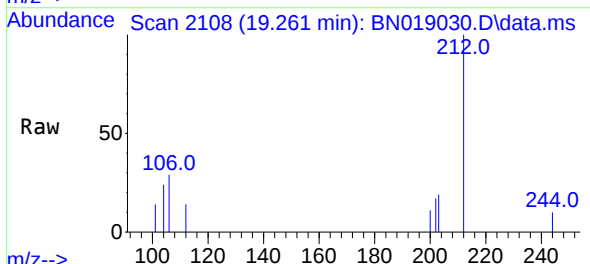
Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.8	22.2
179	10.6	12.2	18.4

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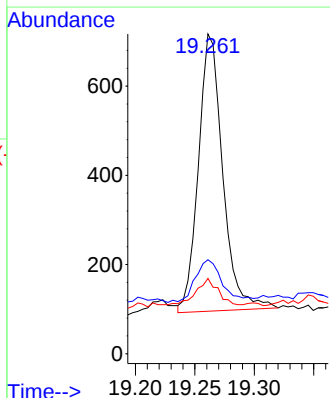
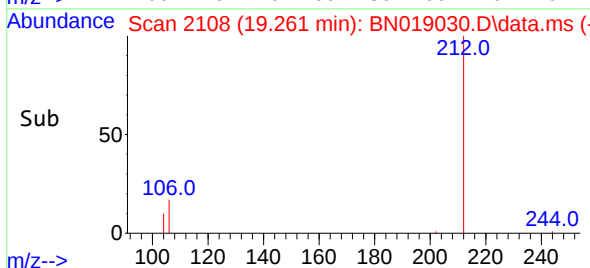


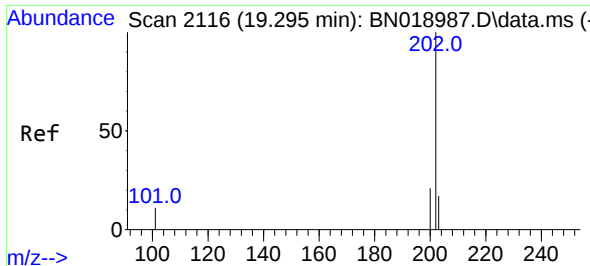
#27
 Fluoranthene-d10
 Concen: 0.019 ng
 RT: 19.261 min Scan# 2108
 Delta R.T. -0.004 min
 Lab File: BN019030.D
 Acq: 21 Mar 2022 19:43



Tgt Ion:212 Resp: 886

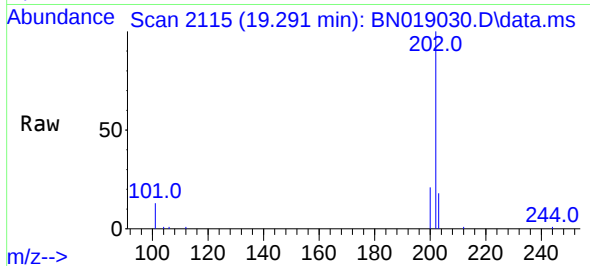
Ion	Ratio	Lower	Upper
212	100		
106	17.3	12.7	19.1
104	10.5	7.1	10.7





#28
Fluoranthene
Concen: 0.275 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

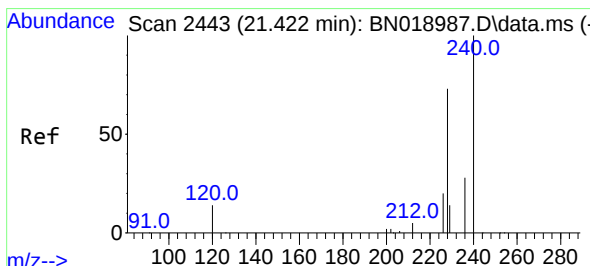
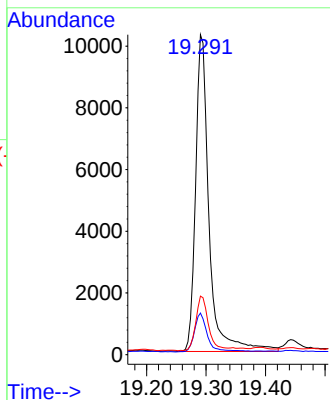
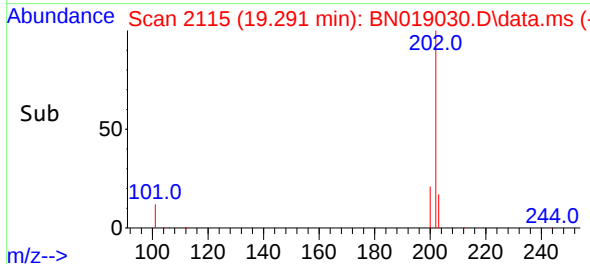
Instrument :
BNA_N
ClientSampleId :
SP2



Tgt Ion:202 Resp: 16098
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
203 16.2 13.7 20.5

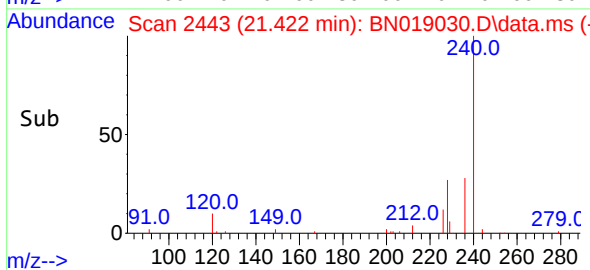
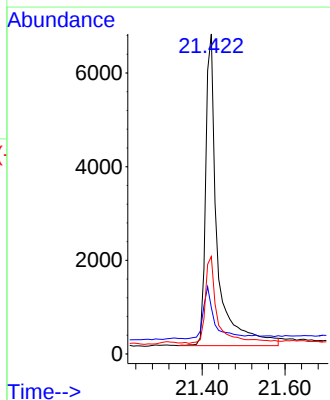
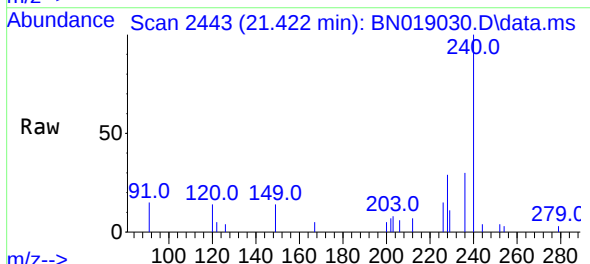
Manual Integrations
APPROVED

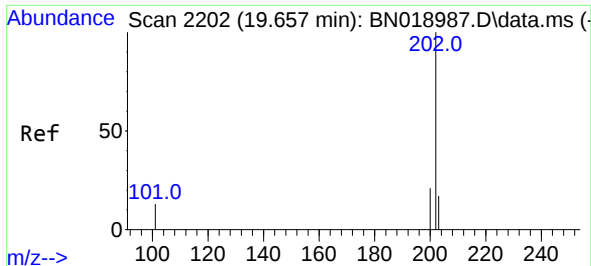
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

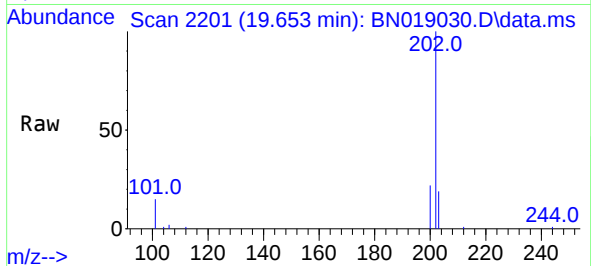
Tgt Ion:240 Resp: 13124
Ion Ratio Lower Upper
240 100
120 14.5 8.5 12.7#
236 30.4 22.4 33.6





#30
Pyrene
Concen: 0.236 ng
RT: 19.653 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

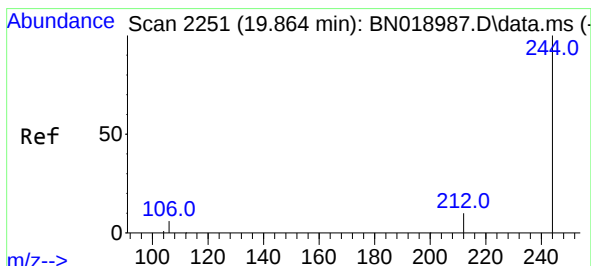
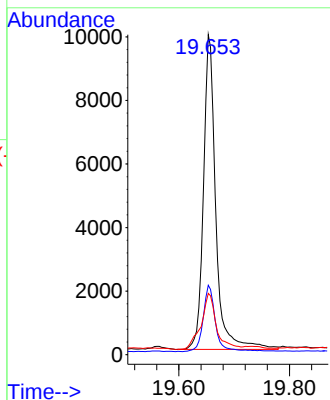
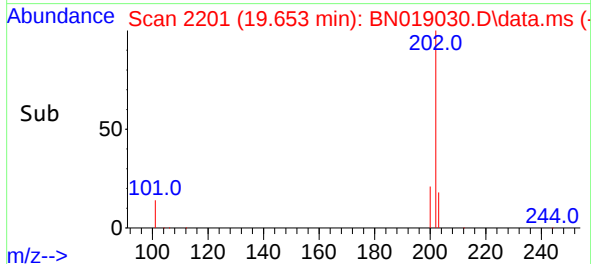
Instrument :
BNA_N
ClientSampleId :
SP2



Tgt Ion:202 Resp: 1539
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 21.8 14.2 21.2

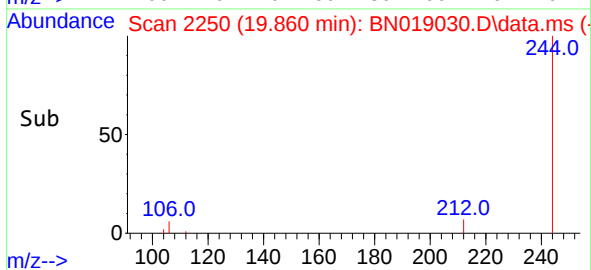
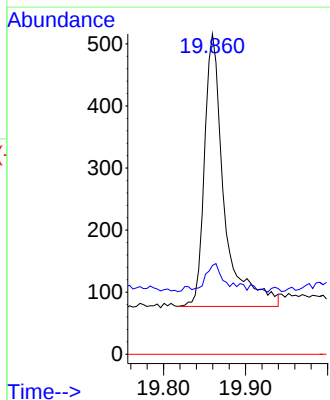
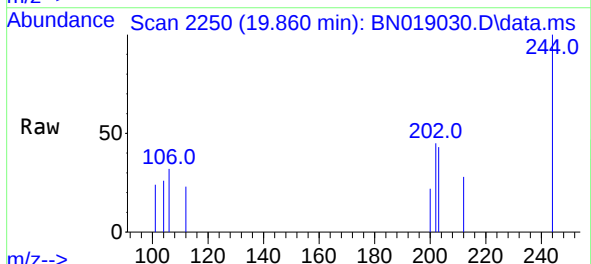
Manual Integrations
APPROVED

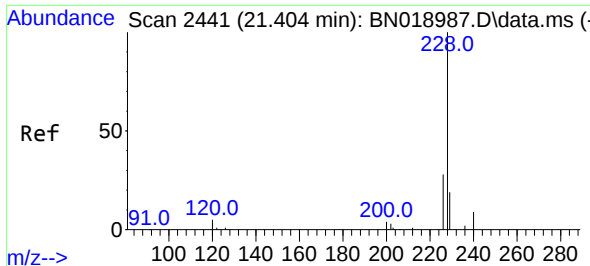
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#31
Terphenyl-d14
Concen: 0.023 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

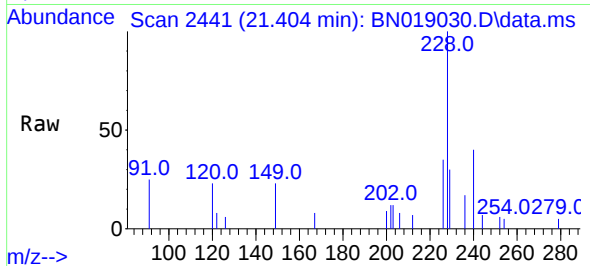
Tgt Ion:244 Resp: 734
Ion Ratio Lower Upper
244 100
212 27.7 8.2 12.4#
122 0.0 0.0 0.0





#32
Benzo(a)anthracene
Concen: 0.175 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

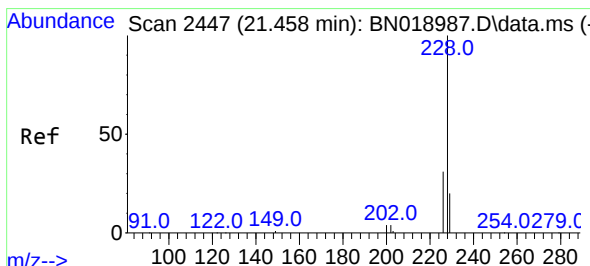
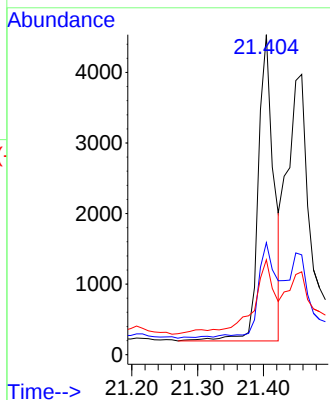
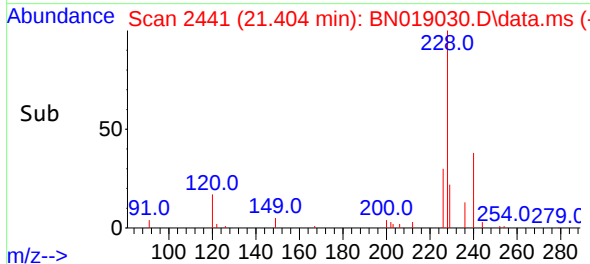
Instrument :
BNA_N
ClientSampleId :
SP2



Tgt Ion:228 Resp: 709
Ion Ratio Lower Upper
228 100
226 35.0 21.9 32.9
229 29.7 16.0 24.0

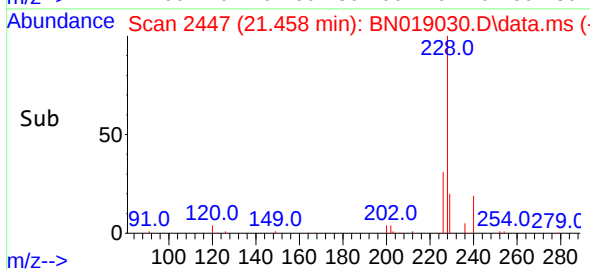
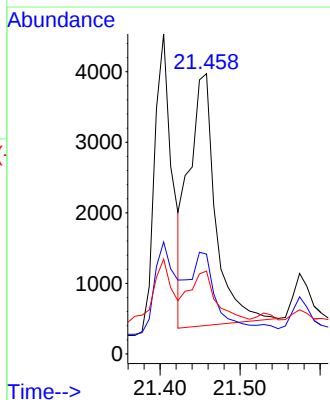
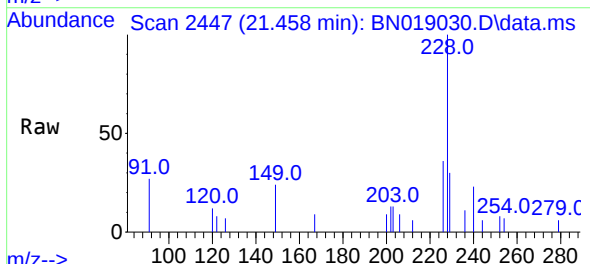
Manual Integrations
APPROVED

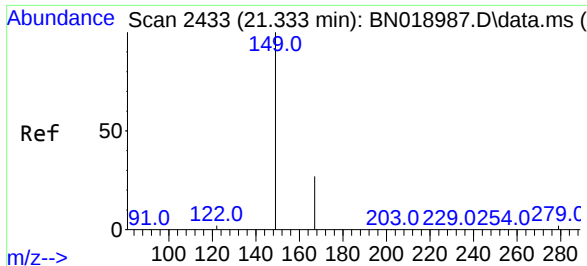
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#33
Chrysene
Concen: 0.152 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

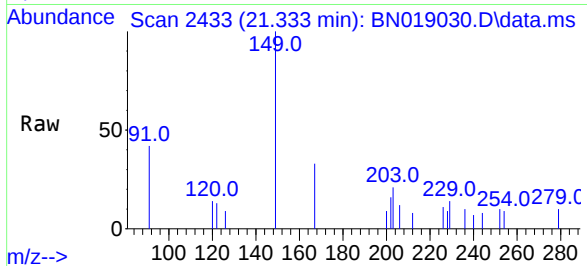
Tgt Ion:228 Resp: 8289
Ion Ratio Lower Upper
228 100
226 35.6 24.0 36.0
229 29.6 15.9 23.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

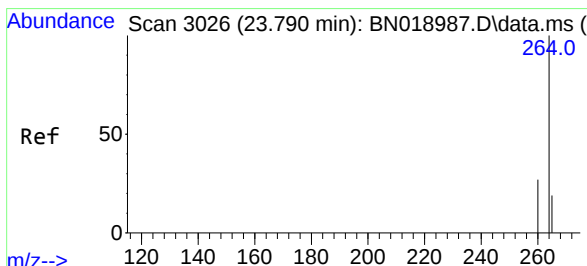
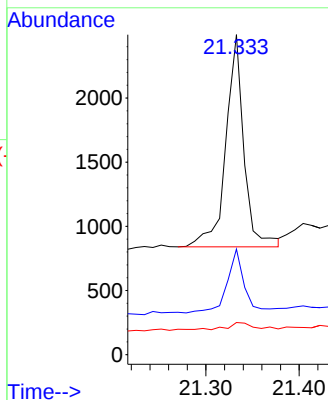
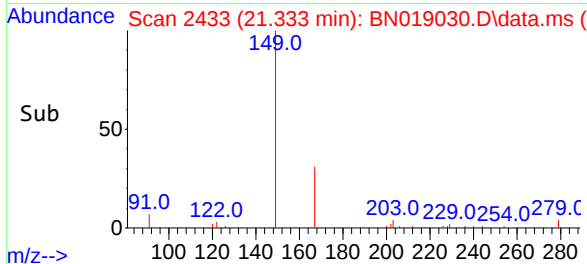
Instrument :
BNA_N
ClientSampleId :
SP2



Tgt Ion:149 Resp: 2234
Ion Ratio Lower Upper
149 100
167 28.7 21.8 32.8
279 5.9 2.0 3.0

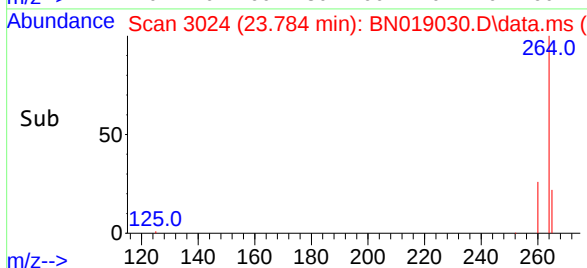
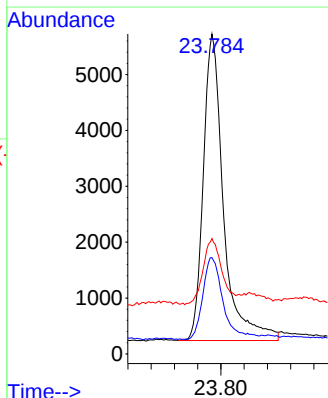
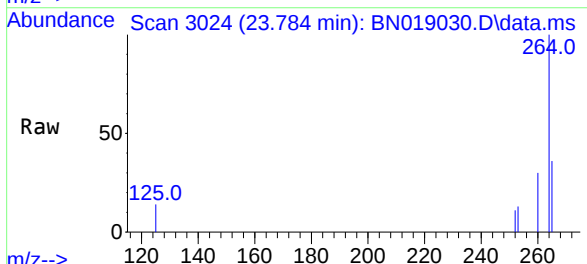
Manual Integrations
APPROVED

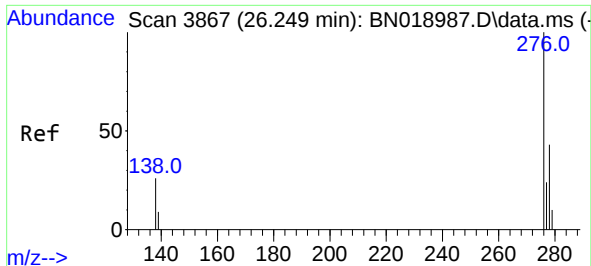
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.784 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

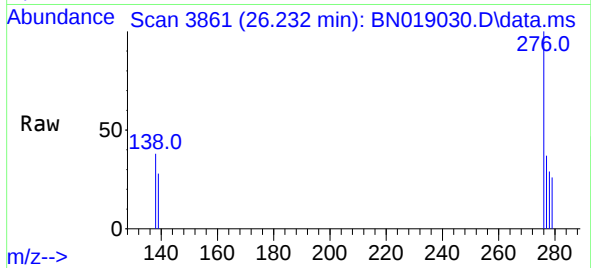
Tgt Ion:264 Resp: 13220
Ion Ratio Lower Upper
264 100
260 30.1 22.4 33.6
265 36.0 25.3 37.9





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng
RT: 26.232 min Scan# 3867
Delta R.T. -0.018 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

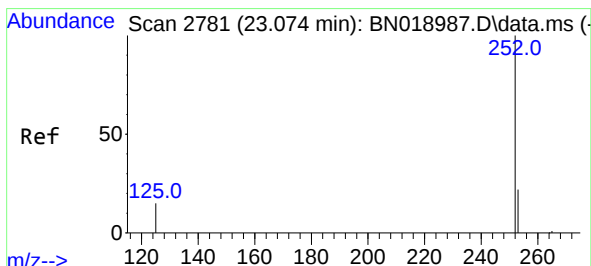
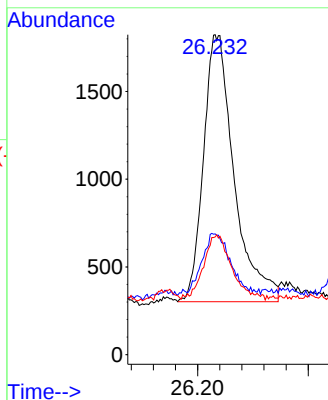
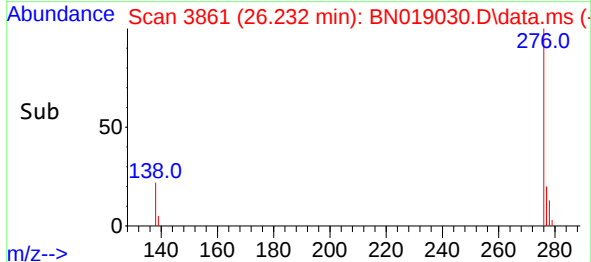
Instrument :
BNA_N
ClientSampleId :
SP2



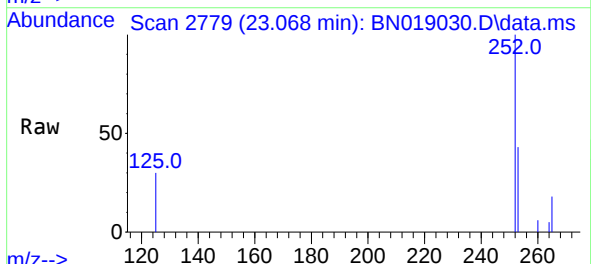
Tgt Ion:276 Resp: 5862
Ion Ratio Lower Upper
276 100
138 20.1 24.5 36.7#
277 22.6 19.8 29.8#

Manual Integrations
APPROVED

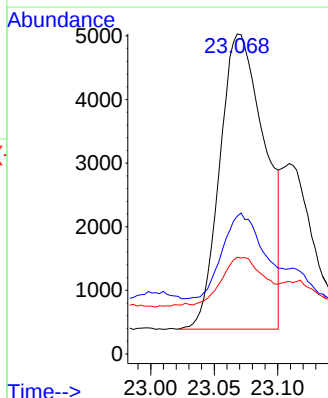
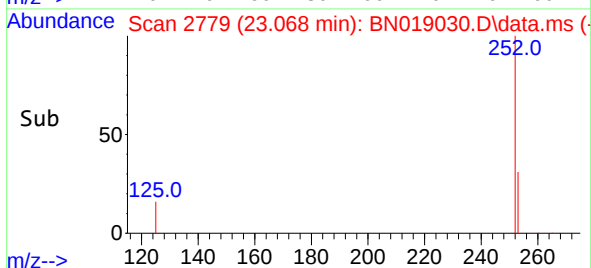
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022

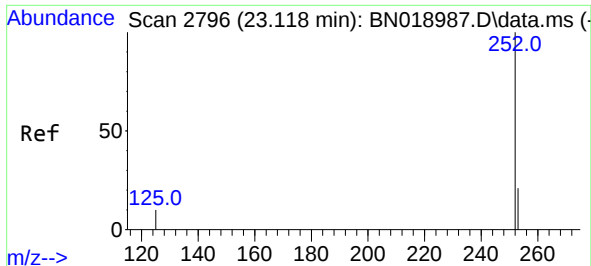


#37
Benzo(b)fluoranthene
Concen: 0.237 ng
RT: 23.068 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43



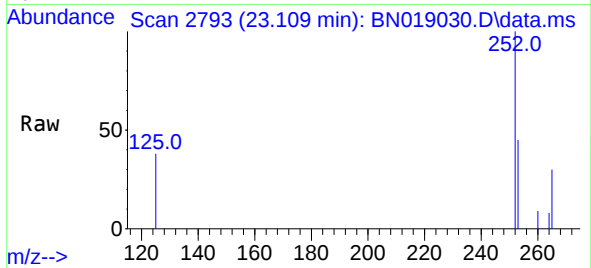
Tgt Ion:252 Resp: 11440
Ion Ratio Lower Upper
252 100
253 43.1 18.9 28.3#
125 30.2 12.1 18.1#





#38
Benzo(k)fluoranthene
Concen: 0.068 ng m
RT: 23.109 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

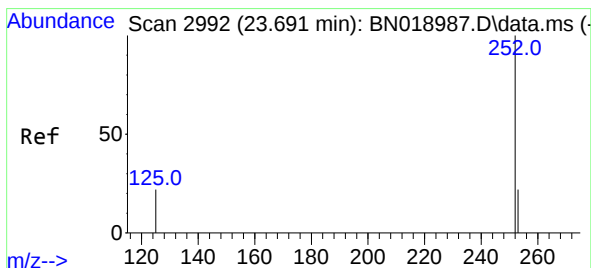
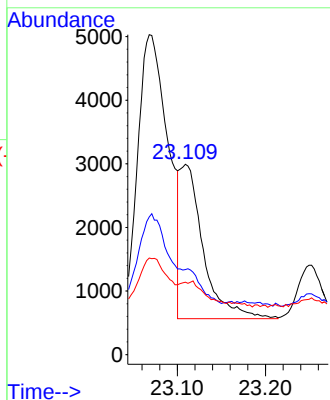
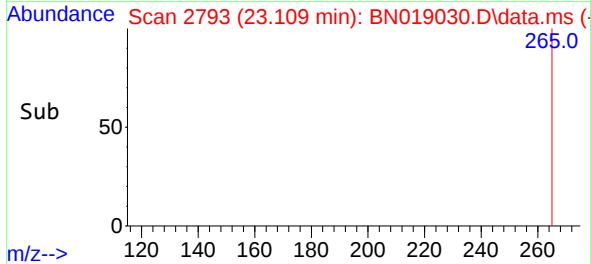
Instrument :
BNA_N
ClientSampleId :
SP2



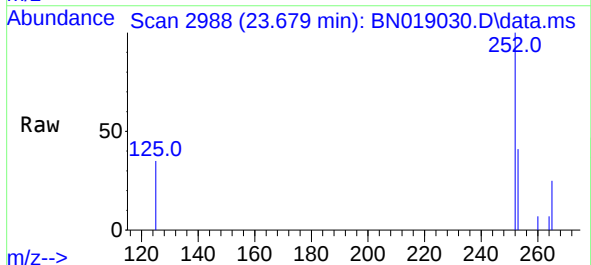
Tgt Ion:252 Resp: 4478
Ion Ratio Lower Upper
252 100
253 44.8 18.9 28.3#
125 38.1 10.3 15.5#

Manual Integrations
APPROVED

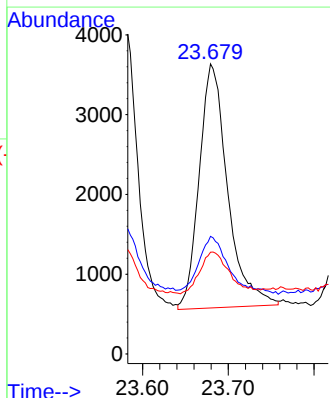
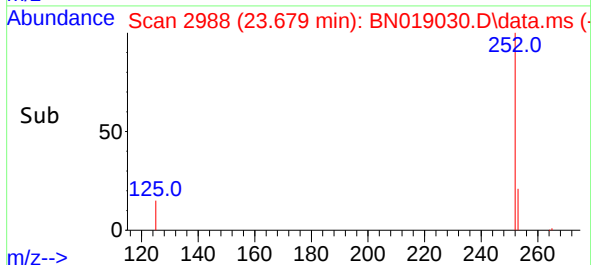
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022

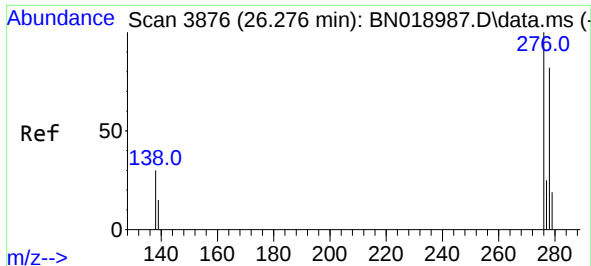


#39
Benzo(a)pyrene
Concen: 0.160 ng
RT: 23.679 min Scan# 2988
Delta R.T. -0.012 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43



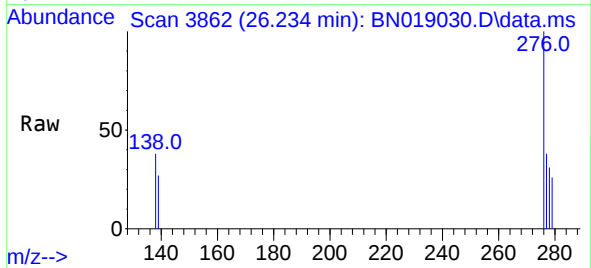
Tgt Ion:252 Resp: 7031
Ion Ratio Lower Upper
252 100
253 40.6 20.1 30.1#
125 35.1 15.2 22.8#





#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 26.234 min Scan# 3862
Delta R.T. -0.041 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

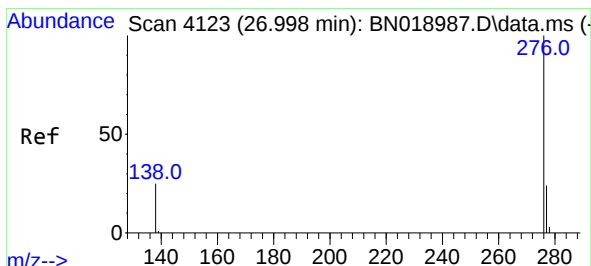
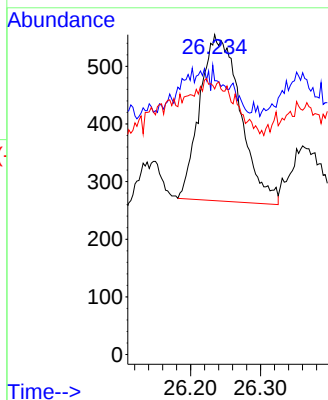
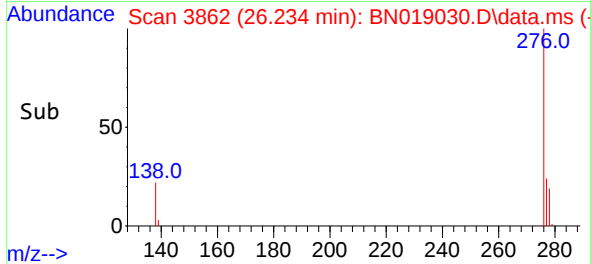
Instrument :
BNA_N
ClientSampleId :
SP2



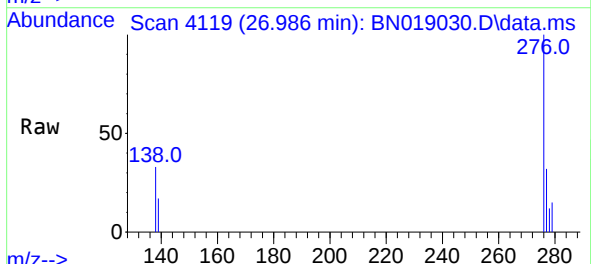
Tgt Ion:278 Resp: 116
Ion Ratio Lower Upper
278 100
139 85.6 17.2 25.8
279 83.1 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#41
Benzo(g,h,i)perylene
Concen: 0.181 ng
RT: 26.986 min Scan# 4119
Delta R.T. -0.012 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43



Tgt Ion:276 Resp: 8459
Ion Ratio Lower Upper
276 100
277 32.3 19.4 29.0#
138 33.5 21.0 31.6#

