

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
 Data File : BN023807.D
 Acq On : 25 Jan 2023 23:02
 Operator : CG/JU
 Sample : 01259-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230120

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2023
 Supervised By : Jagrut Upadhyay 01/26/2023

Quant Time: Jan 26 00:44:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 26 00:40:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.890	152	6106	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	16535	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	8138	0.400	ng	0.00
19) Phenanthrene-d10	17.278	188	15336	0.400	ng	0.00
29) Chrysene-d12	21.477	240	13911	0.400	ng	# 0.00
35) Perylene-d12	23.896	264	9803	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1366	0.106	ng	0.00
5) Phenol-d6	7.053	99	991	0.065	ng	0.00
8) Nitrobenzene-d5	9.046	82	3633	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	12.283	152	6462	0.283	ng	0.00
14) 2,4,6-Tribromophenol	16.024	330	16	0.005	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	10748	0.310	ng	0.00
27) Fluoranthene-d10	19.308	212	12717	0.354	ng	0.00
31) Terphenyl-d14	19.907	244	13703	0.625	ng	0.00
Target Compounds						
						Qvalue
22) Hexachlorobenzene	16.583	284	246	0.023	ng	98
26) Anthracene	17.414	178	836	0.023	ng	97
28) Fluoranthene	19.342	202	1452	0.030	ng	97
30) Pyrene	19.705	202	1519	0.029	ng	98
32) Benzo(a)anthracene	21.459	228	1454	0.033	ng	94
33) Chrysene	21.513	228	1750	0.035	ng	95
34) Bis(2-ethylhexyl)phtha...	21.378	149	1502	0.076	ng	# 93
36) Indeno(1,2,3-cd)pyrene	26.402	276	1100	0.025	ng	94
37) Benzo(b)fluoranthene	23.157	252	1425	0.035	ng	# 20
38) Benzo(k)fluoranthene	23.206	252	1358m	0.033	ng	
39) Benzo(a)pyrene	23.782	252	929	0.031	ng	# 1
40) Dibenzo(a,h)anthracene	26.425	278	821	0.023	ng	# 21
41) Benzo(g,h,i)perylene	27.174	276	1073	0.029	ng	# 64

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

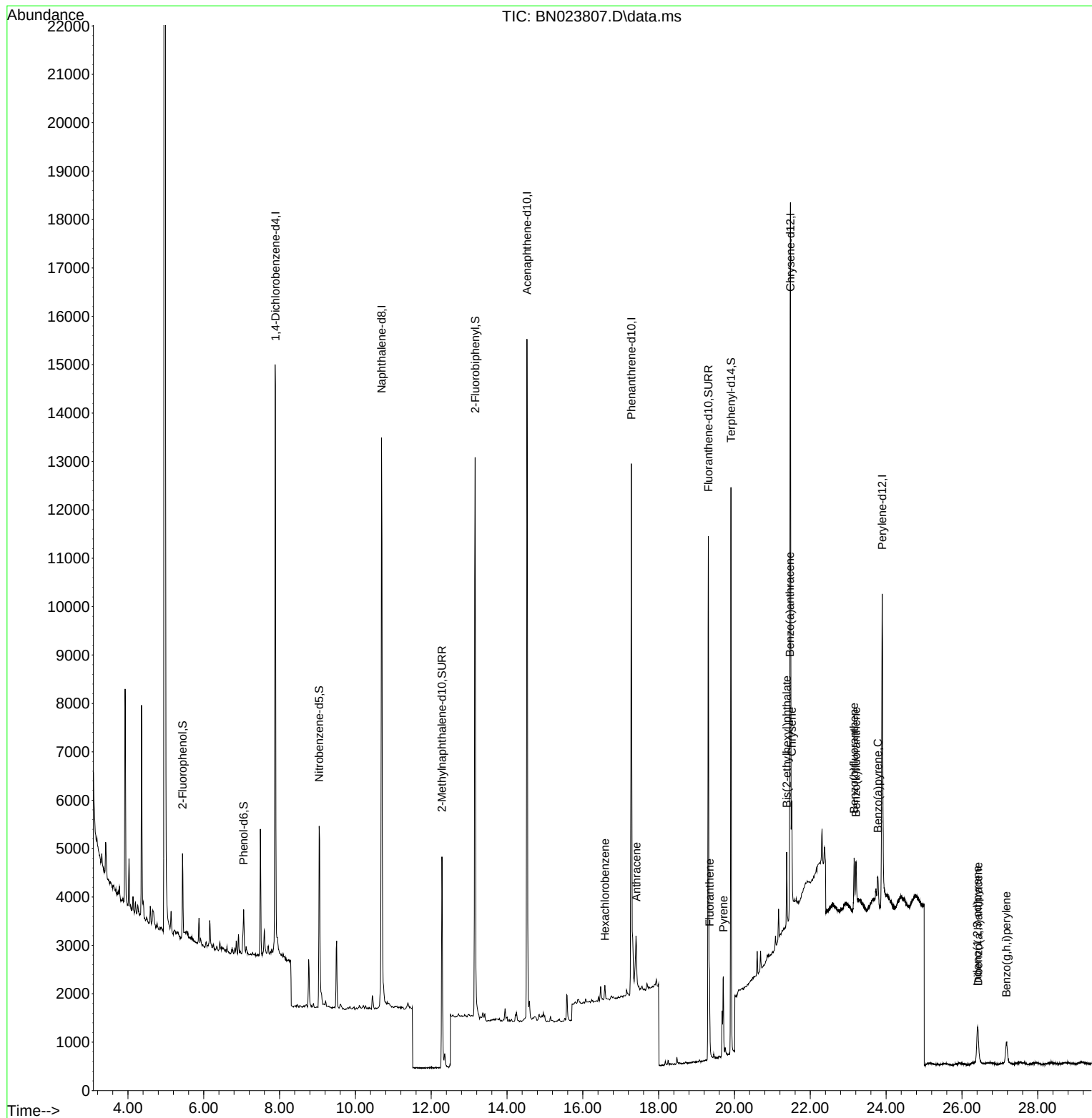
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
Data File : BN023807.D
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ALS Vial : 12 Sample Multiplier: 1

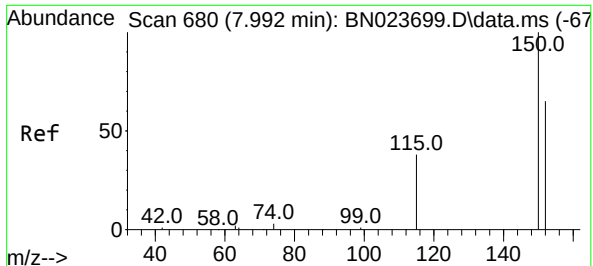
Instrument :
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Quant Time: Jan 26 00:44:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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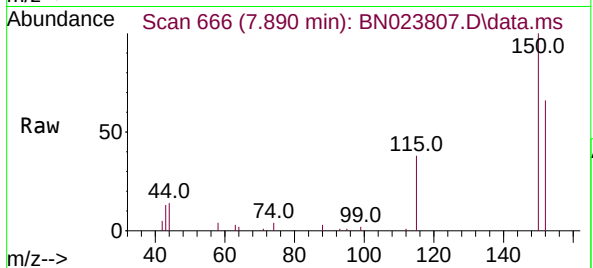
Reviewed By : Christian Giraldo 01/26/2023
Supervised By : Jagrut Upadhyay 01/26/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.890 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

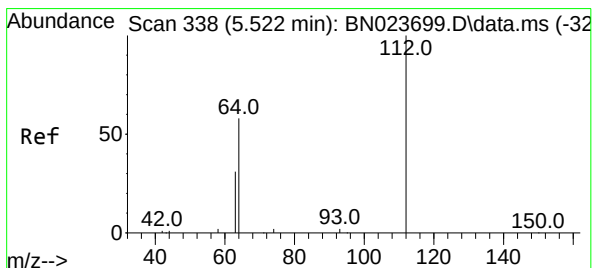
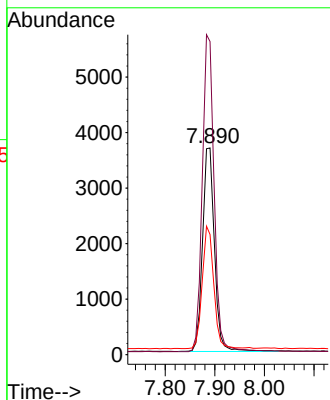
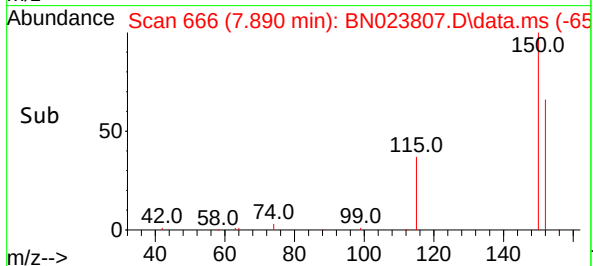
Instrument :
BNA_N
ClientSampleId :
SP-303-20230120



Tgt Ion:152 Resp: 6100
Ion Ratio Lower Upper
152 100
150 151.5 122.4 183.6
115 58.1 48.2 72.4

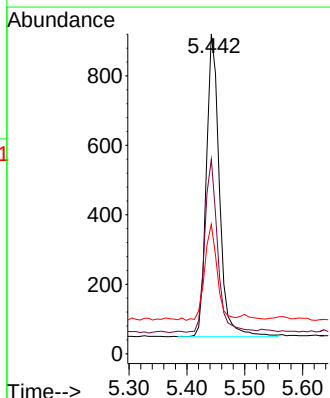
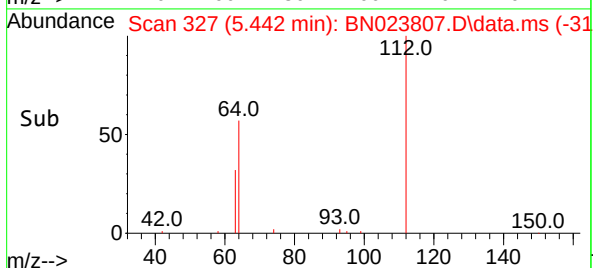
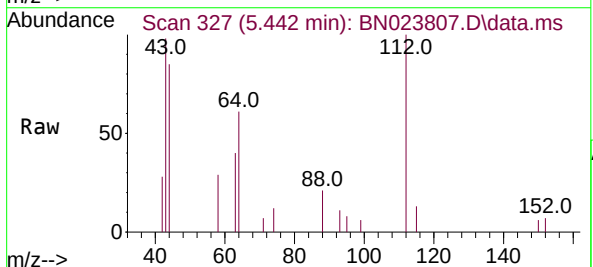
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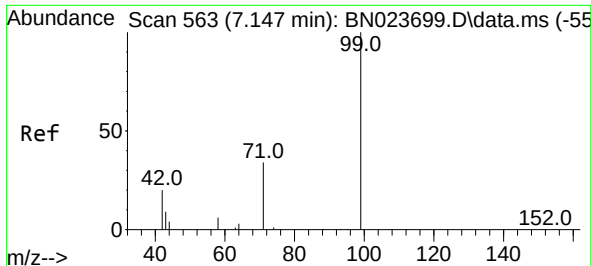
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.442 min Scan# 327
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

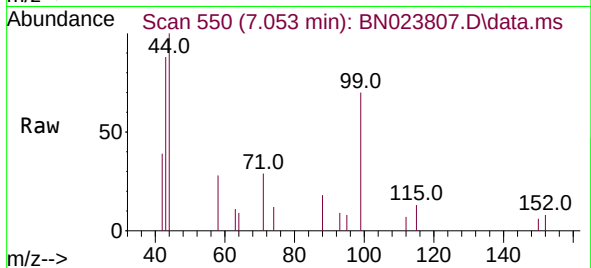
Tgt Ion:112 Resp: 1366
Ion Ratio Lower Upper
112 100
64 55.9 45.8 68.8
63 30.2 25.3 37.9





#5
Phenol-d6
Concen: 0.065 ng
RT: 7.053 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

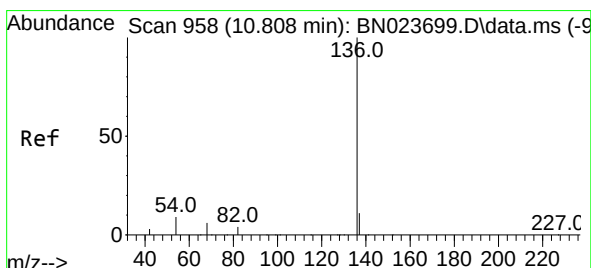
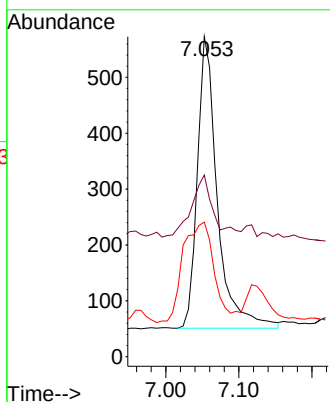
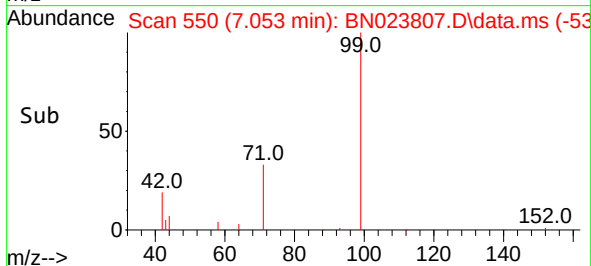
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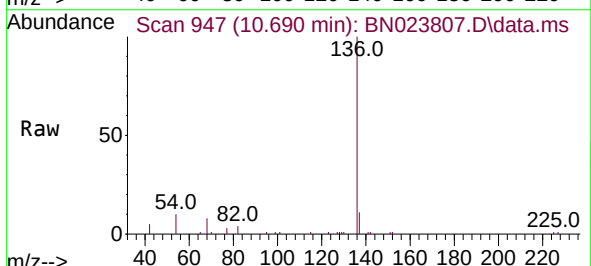
Tgt Ion: 99 Resp: 99
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.0
71 53.0 28.7 43.1

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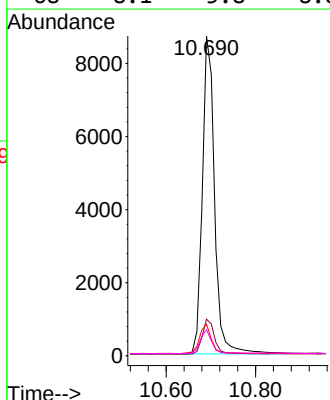
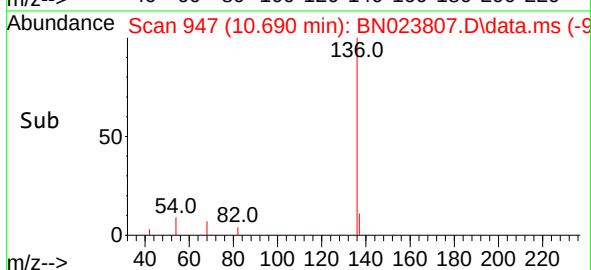
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Supervised By :Jagrut Upadhyay 01/26/2023

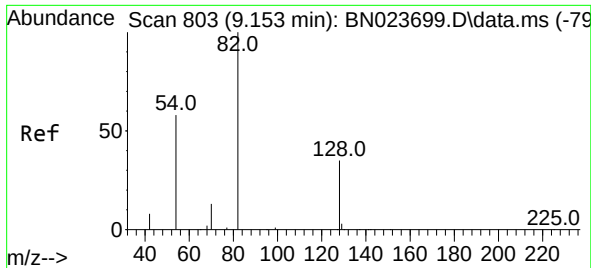


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02



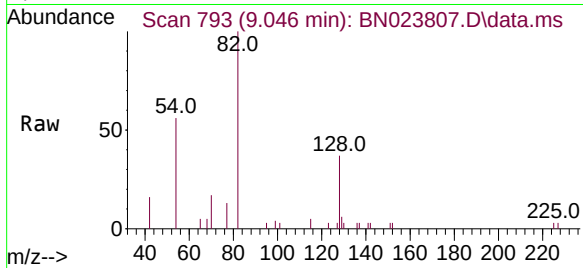
Tgt Ion:136 Resp: 16535
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 9.9 7.5 11.3
68 8.1 5.8 8.8





#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 9.046 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

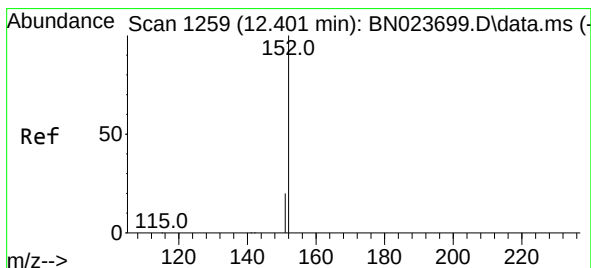
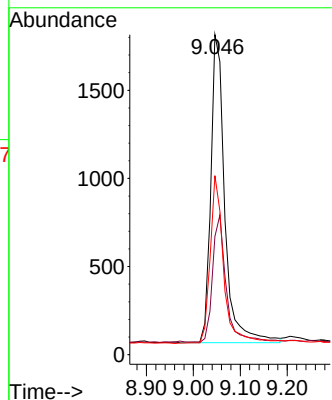
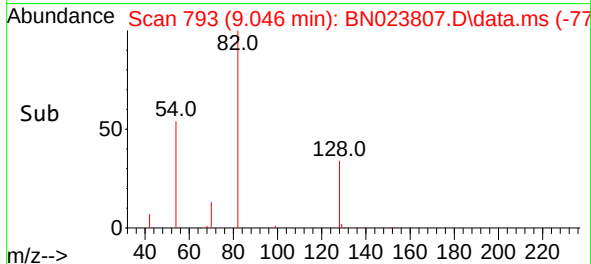
Instrument :
BNA_N
ClientSampleId :
SP-303-20230120



Tgt Ion: 82 Resp: 3633
Ion Ratio Lower Upper
82 100
128 36.9 30.2 45.2
54 55.9 47.3 70.9

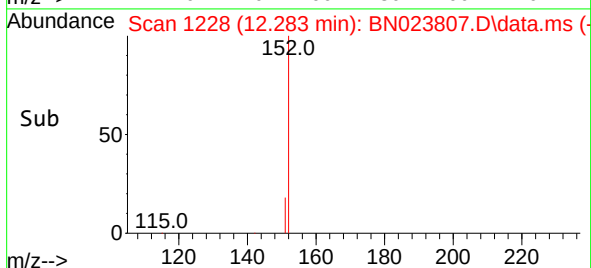
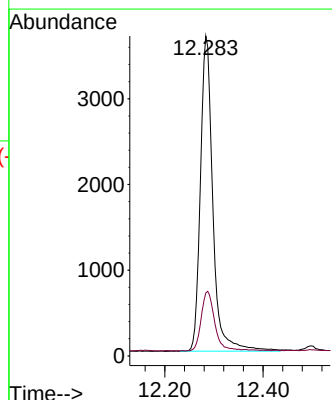
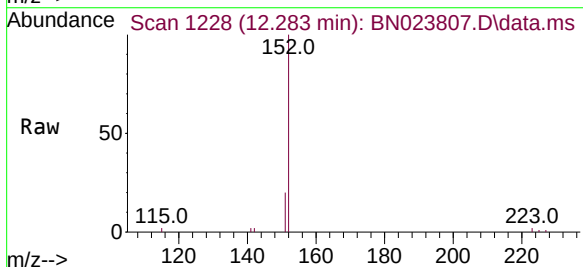
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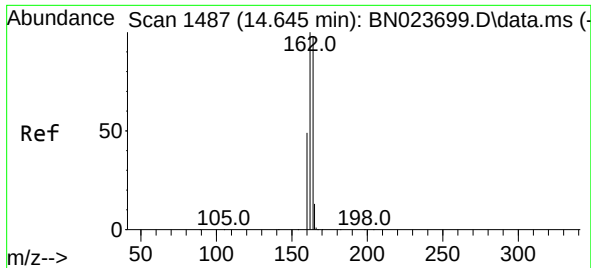
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.283 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

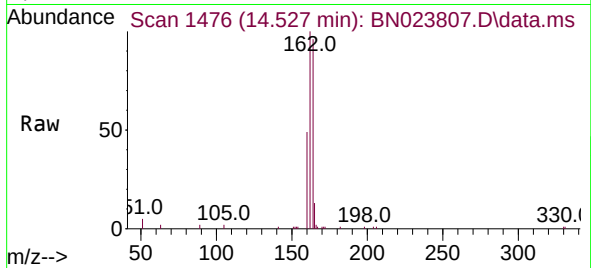
Tgt Ion:152 Resp: 6462
Ion Ratio Lower Upper
152 100
151 20.7 17.1 25.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

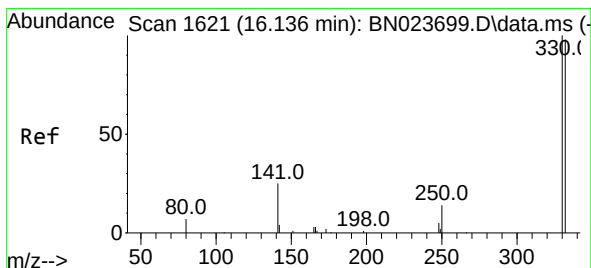
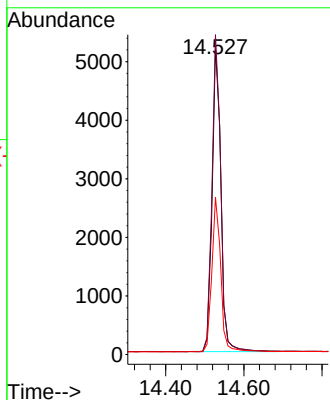
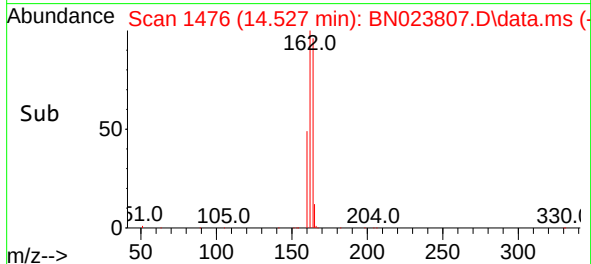
Instrument :
BNA_N
ClientSampleId :
SP-303-20230120



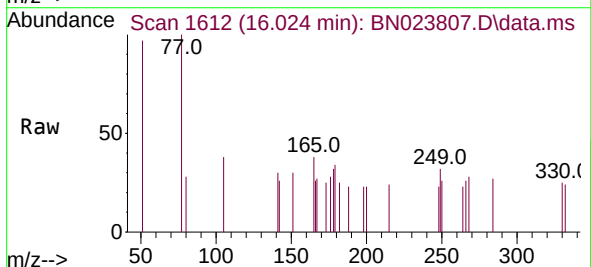
Tgt Ion:164 Resp: 8138
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.6
160 51.2 40.3 60.5

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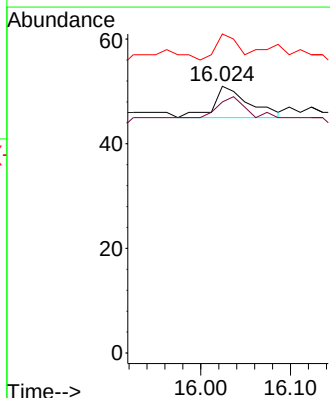
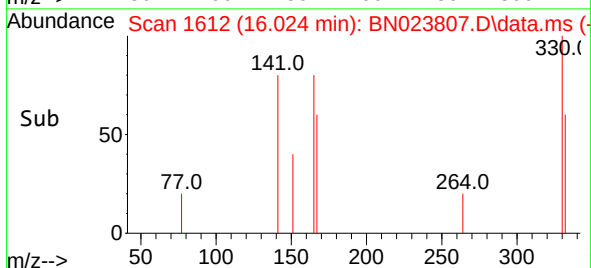
Reviewed By :Christian Giraldo 01/26/2023
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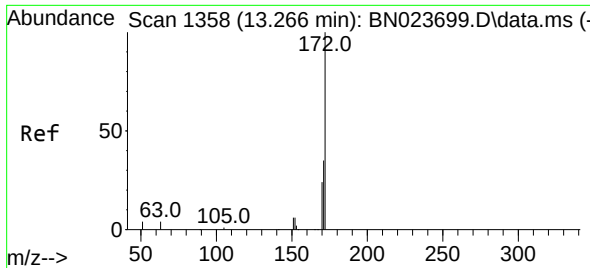


#14
2,4,6-Tribromophenol
Concen: 0.005 ng
RT: 16.024 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02



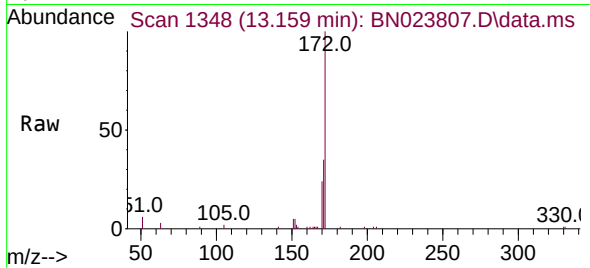
Tgt Ion:330 Resp: 16
Ion Ratio Lower Upper
330 100
332 50.0 77.6 116.4#
141 62.5 35.0 52.4#





#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.159 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

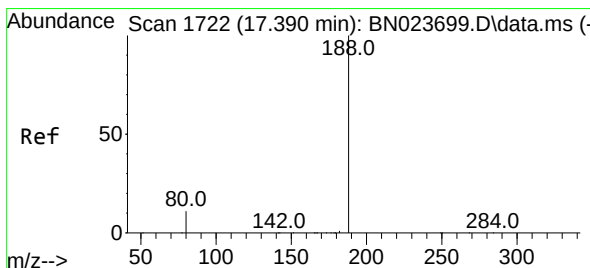
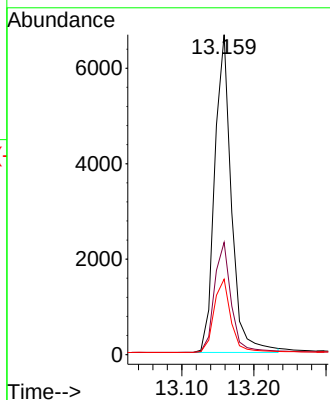
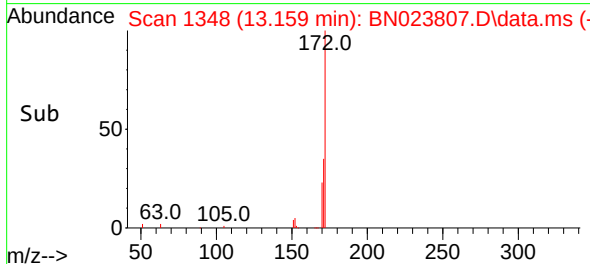
Instrument :
BNA_N
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SP-303-20230120



Tgt Ion:172 Resp: 10748
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.6 20.0 30.0

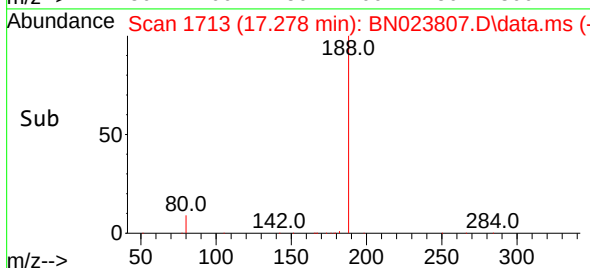
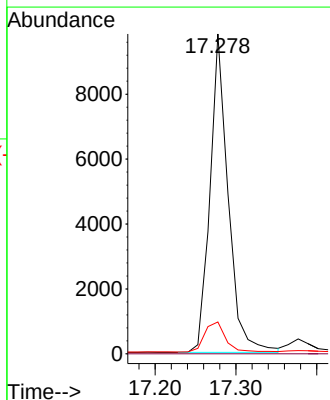
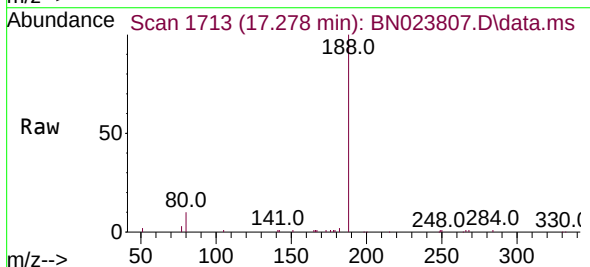
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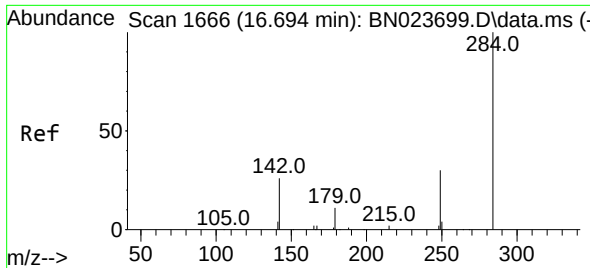
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.278 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

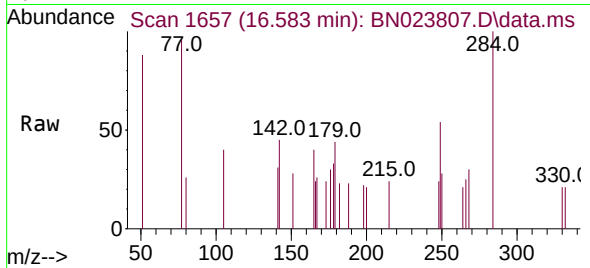
Tgt Ion:188 Resp: 15336
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 9.5 14.3





#22
Hexachlorobenzene
Concen: 0.023 ng
RT: 16.583 min Scan# 1657
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

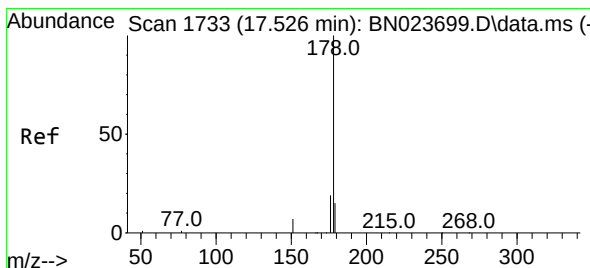
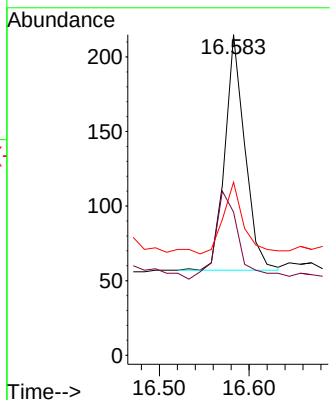
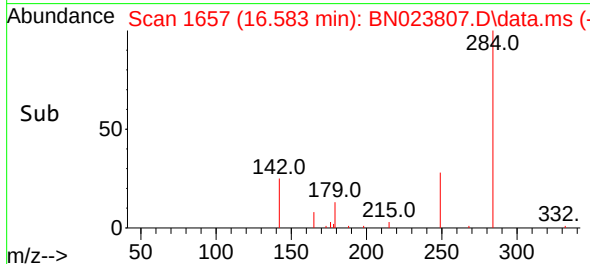
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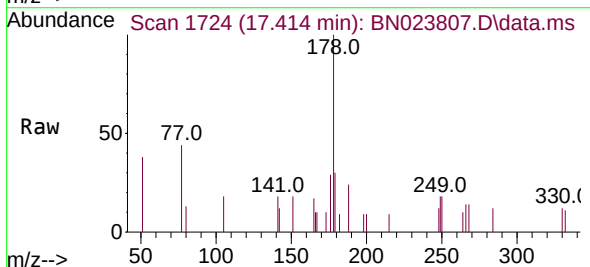
Tgt Ion: 284 Resp: 246
Ion Ratio Lower Upper
284 100
142 42.3 32.3 48.5
249 30.9 25.0 37.4

Manual Integrations
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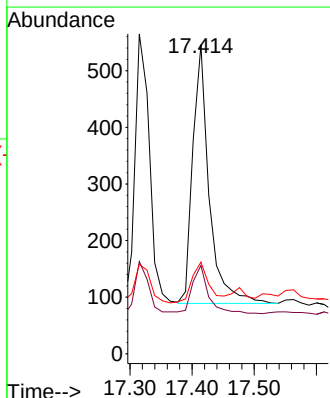
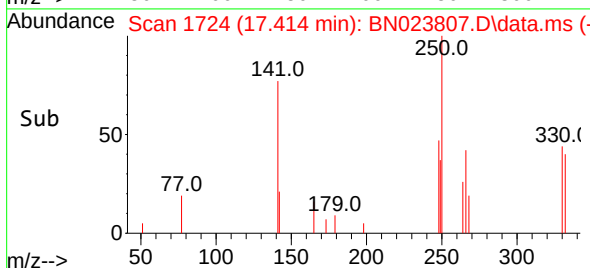
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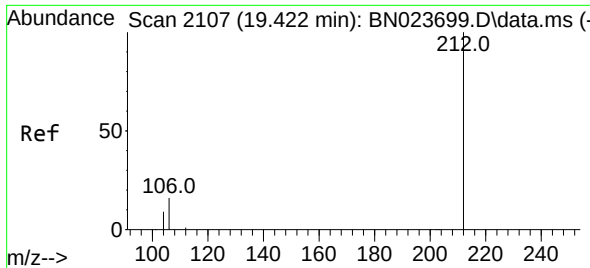


#26
Anthracene
Concen: 0.023 ng
RT: 17.414 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02



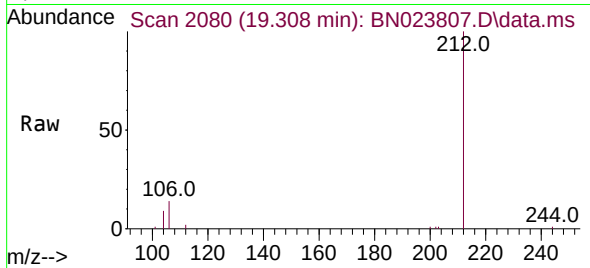
Tgt Ion: 178 Resp: 836
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 16.7 12.0 18.0





#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.308 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

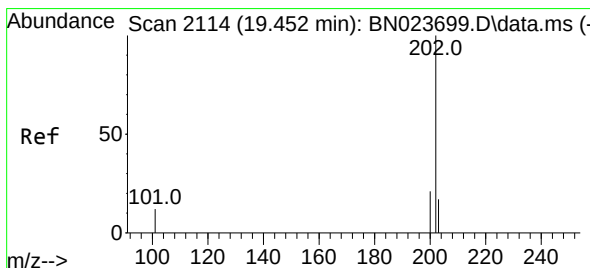
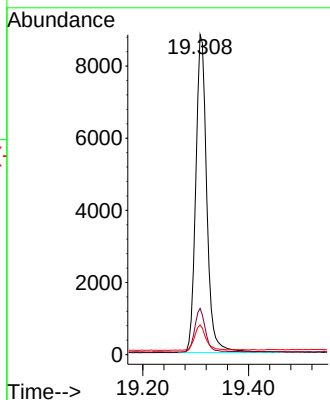
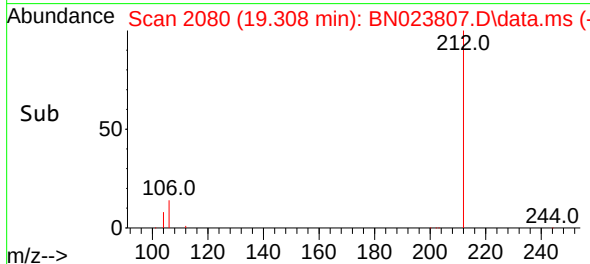
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Tgt Ion:212 Resp: 12717
Ion Ratio Lower Upper
212 100
106 13.5 12.4 18.6
104 8.1 7.1 10.7

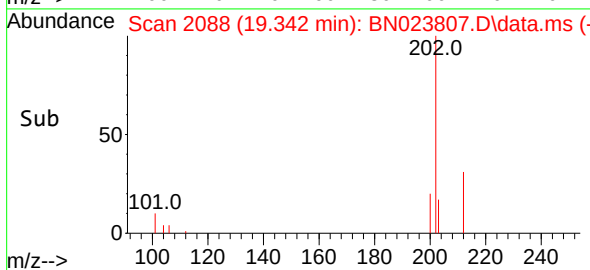
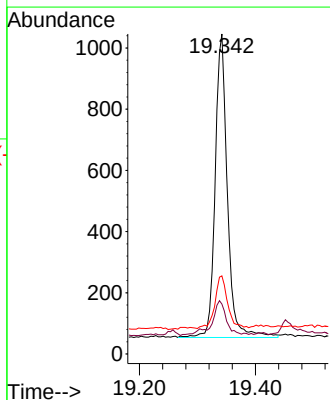
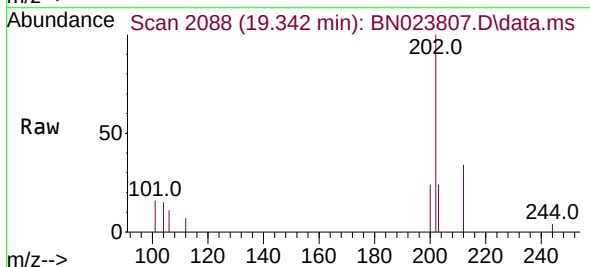
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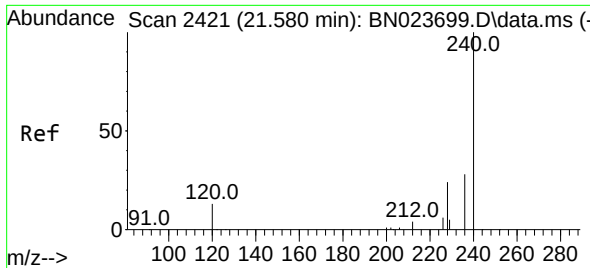
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#28
Fluoranthene
Concen: 0.030 ng
RT: 19.342 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

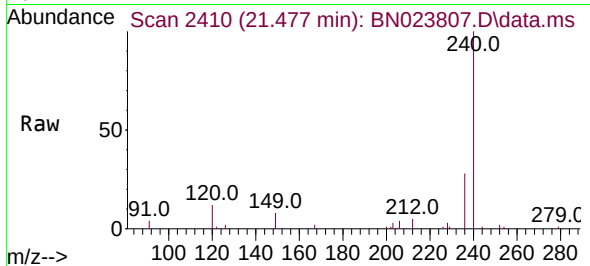
Tgt Ion:202 Resp: 1452
Ion Ratio Lower Upper
202 100
101 10.5 9.7 14.5
203 18.2 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.477 min Scan# 2421
Delta R.T. 0.004 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

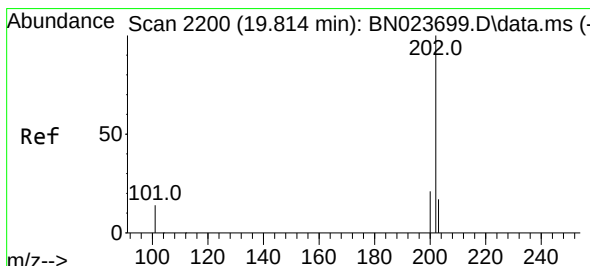
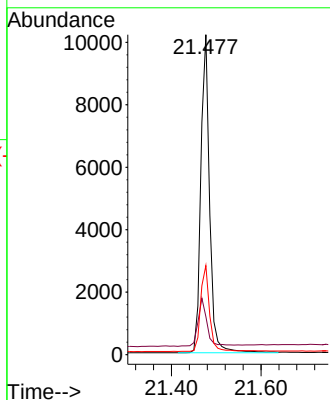
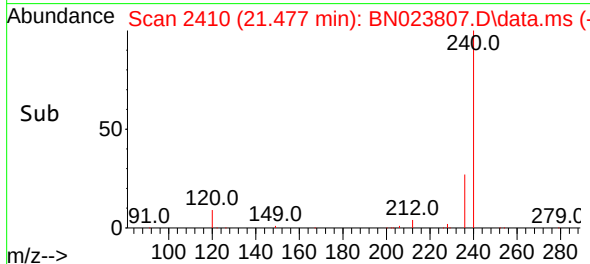
Instrument :
BNA_N
ClientSampleId :
SP-303-20230120



Tgt Ion:240 Resp: 1391
Ion Ratio Lower Upper
240 100
120 11.9 12.0 18.0
236 27.8 22.8 34.2

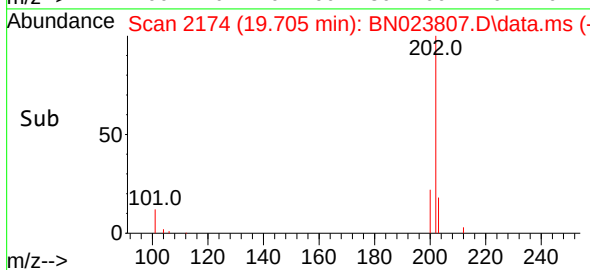
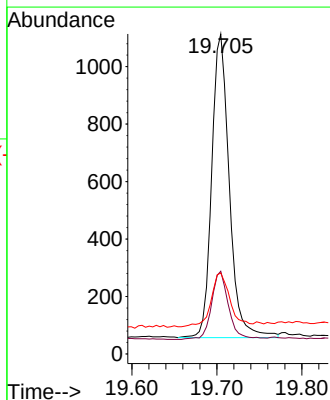
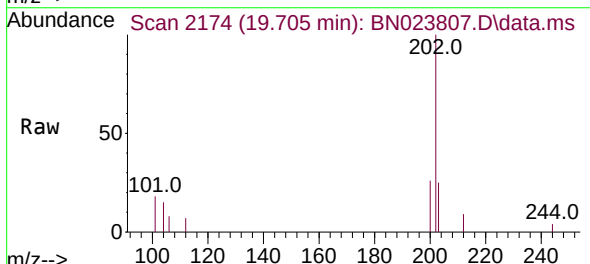
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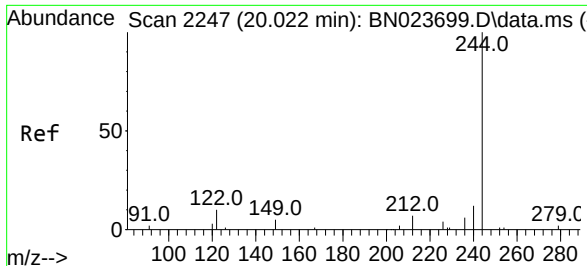
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#30
Pyrene
Concen: 0.029 ng
RT: 19.705 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

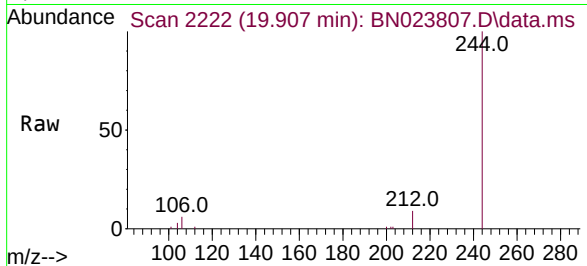
Tgt Ion:202 Resp: 1519
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 19.0 14.4 21.6





#31
Terphenyl-d14
Concen: 0.625 ng
RT: 19.907 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

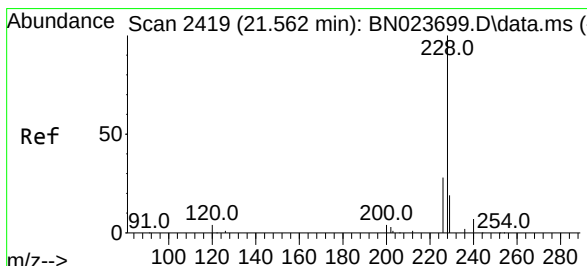
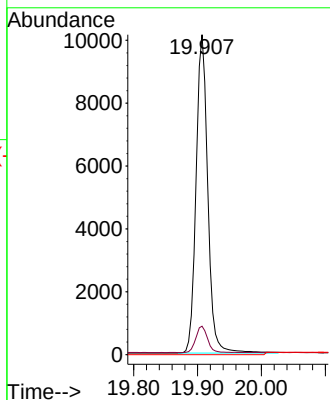
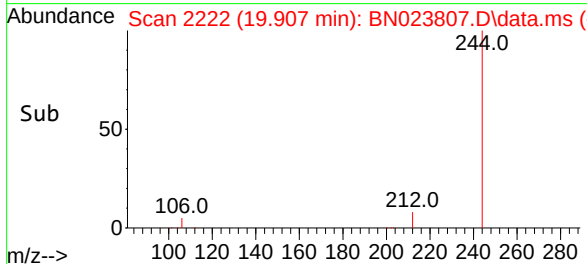
Instrument :
BNA_N
ClientSampleId :
SP-303-20230120



Tgt Ion:244 Resp: 13703
Ion Ratio Lower Upper
244 100
212 8.9 6.5 9.7
122 0.0 7.6 11.4

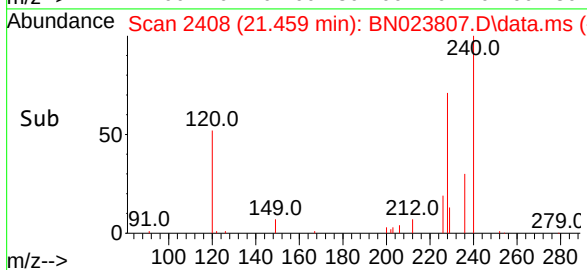
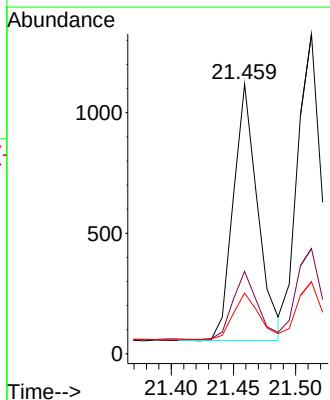
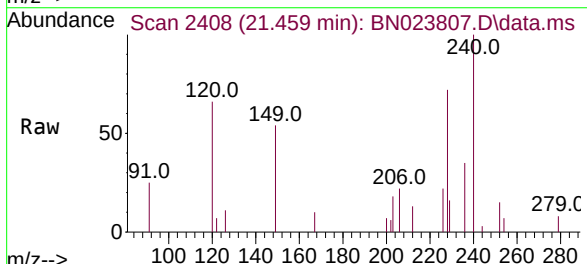
Manual Integrations
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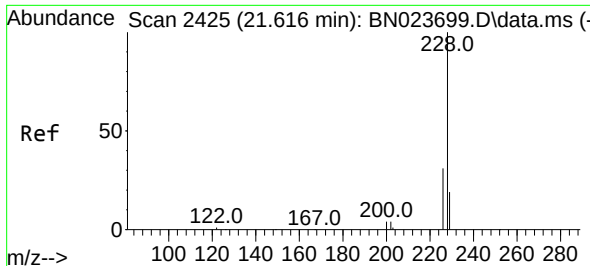
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#32
Benzo(a)anthracene
Concen: 0.033 ng
RT: 21.459 min Scan# 2408
Delta R.T. 0.004 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

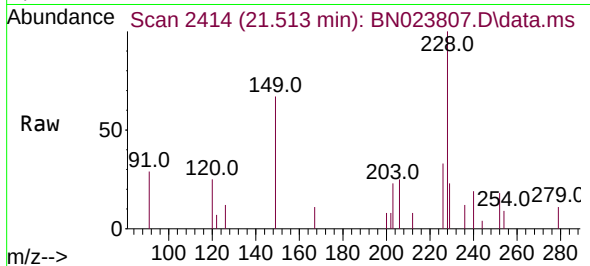
Tgt Ion:228 Resp: 1454
Ion Ratio Lower Upper
228 100
226 30.6 22.4 33.6
229 22.5 15.5 23.3





#33
Chrysene
Concen: 0.035 ng
RT: 21.513 min Scan# 2425
Delta R.T. 0.004 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

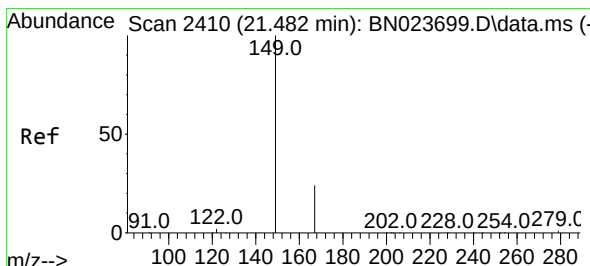
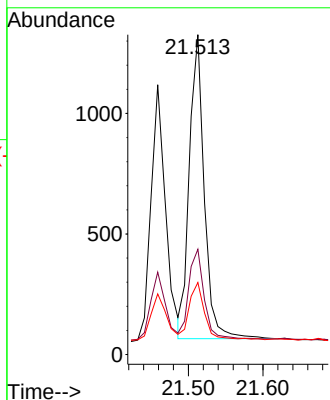
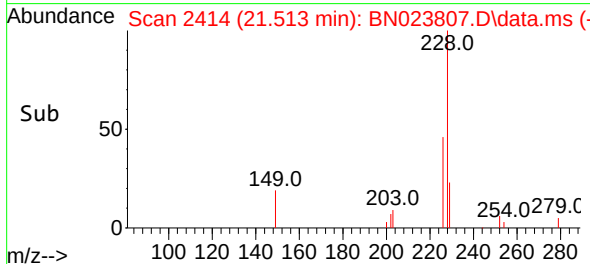
Instrument :
BNA_N
ClientSampleId :
SP-303-20230120



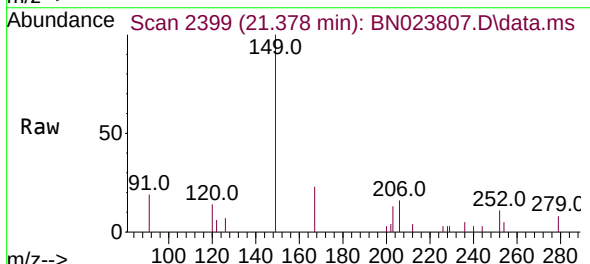
Tgt Ion:228 Resp: 1750
Ion Ratio Lower Upper
228 100
226 32.9 24.6 36.8
229 22.5 15.4 23.0

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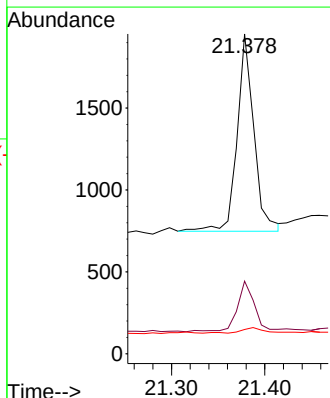
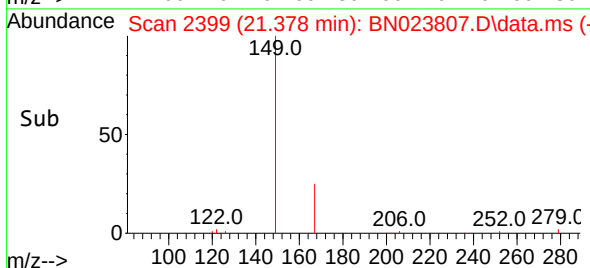
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

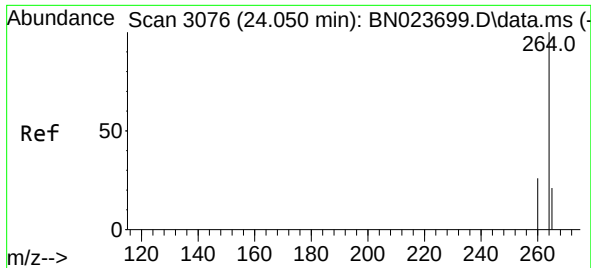


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.378 min Scan# 2399
Delta R.T. -0.005 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02



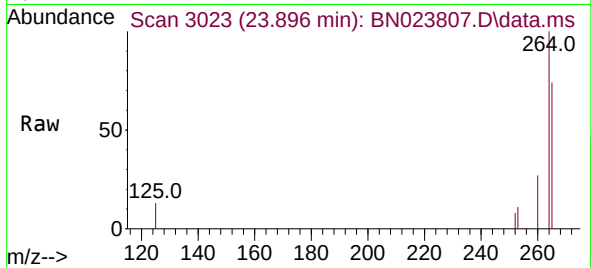
Tgt Ion:149 Resp: 1502
Ion Ratio Lower Upper
149 100
167 28.4 19.8 29.8
279 4.0 2.5 3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.896 min Scan# 3076
 Delta R.T. 0.001 min
 Lab File: BN023807.D
 Acq: 25 Jan 2023 23:02

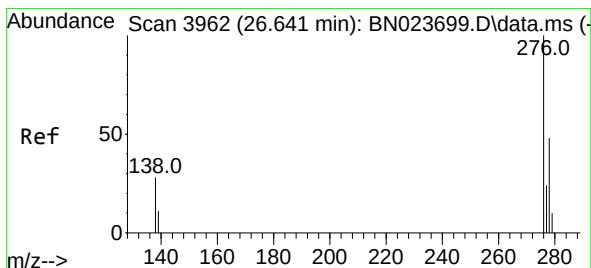
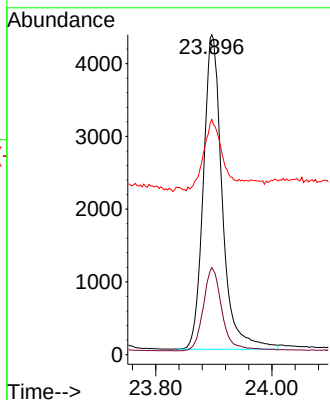
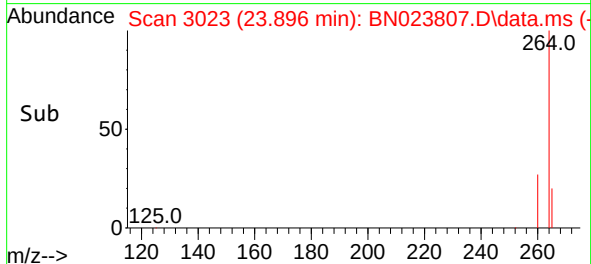
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230120



Tgt Ion:264 Resp: 980
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.0 31.6
 265 73.5 49.9 74.9

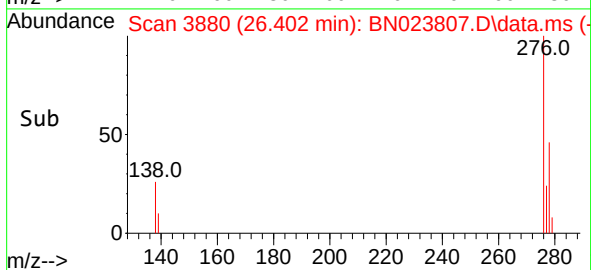
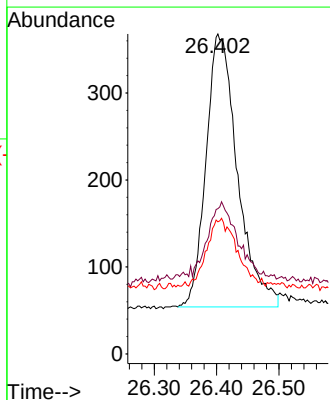
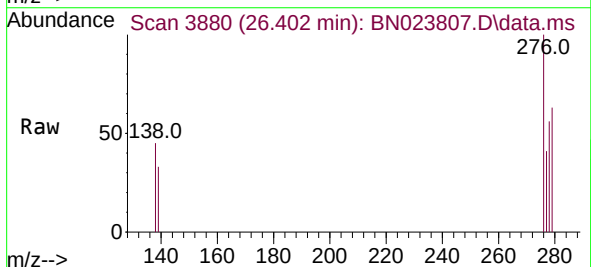
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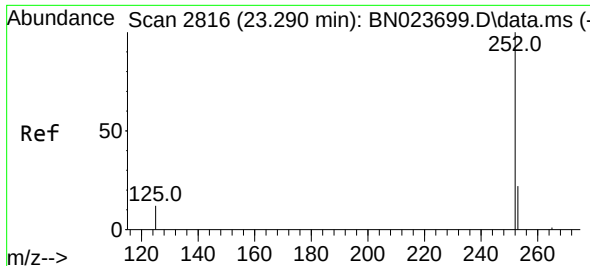
Reviewed By :Christian Giraldo 01/26/2023
 Supervised By :Jagrut Upadhyay 01/26/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.025 ng
 RT: 26.402 min Scan# 3880
 Delta R.T. -0.002 min
 Lab File: BN023807.D
 Acq: 25 Jan 2023 23:02

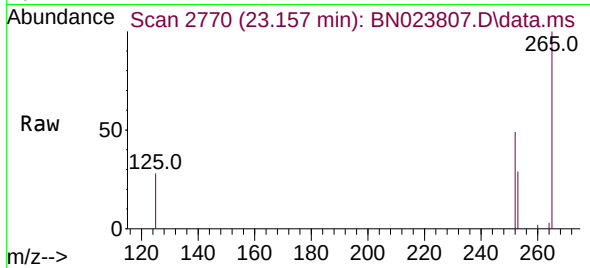
Tgt Ion:276 Resp: 1100
 Ion Ratio Lower Upper
 276 100
 138 25.6 24.0 36.0
 277 23.2 19.8 29.8





#37
Benzo(b)fluoranthene
Concen: 0.035 ng
RT: 23.157 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

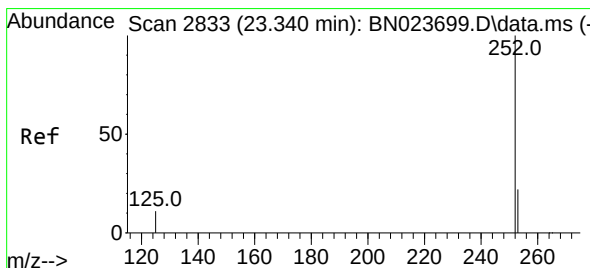
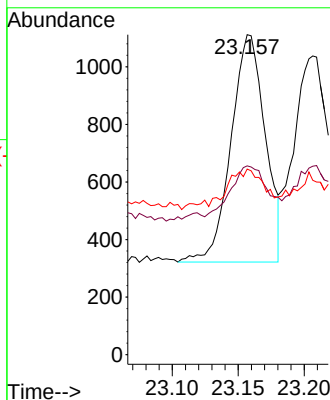
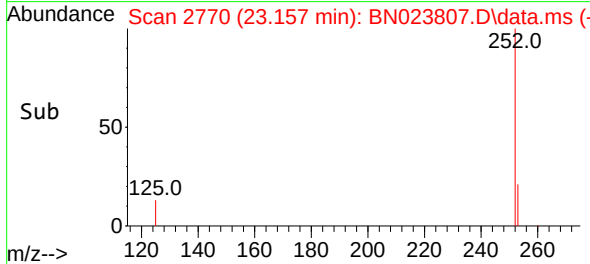
Instrument :
BNA_N
ClientSampleId :
SP-303-20230120



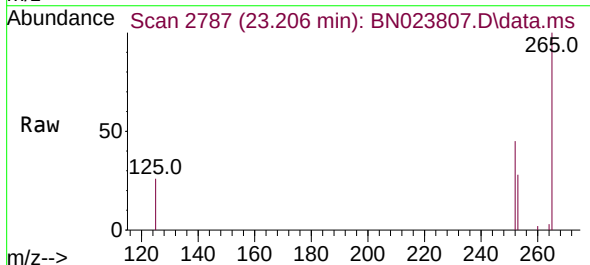
Tgt Ion:252 Resp: 1425
Ion Ratio Lower Upper
252 100
253 59.0 19.9 29.9#
125 58.0 13.2 19.8#

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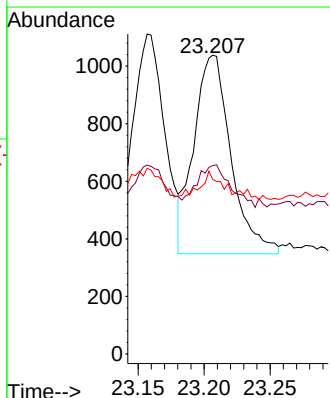
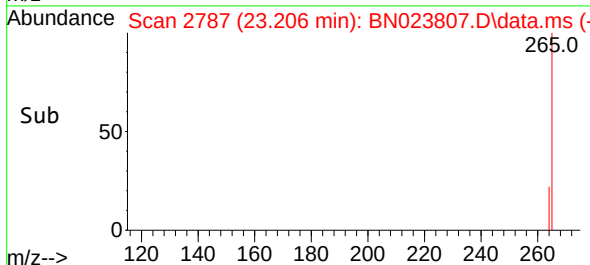
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

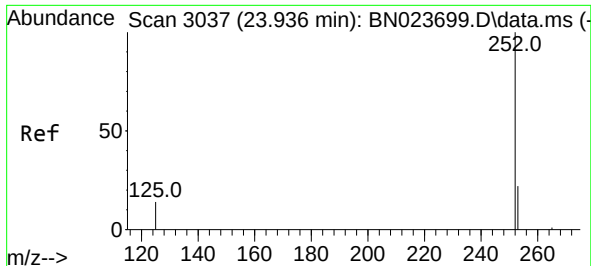


#38
Benzo(k)fluoranthene
Concen: 0.033 ng m
RT: 23.206 min Scan# 2787
Delta R.T. 0.001 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02



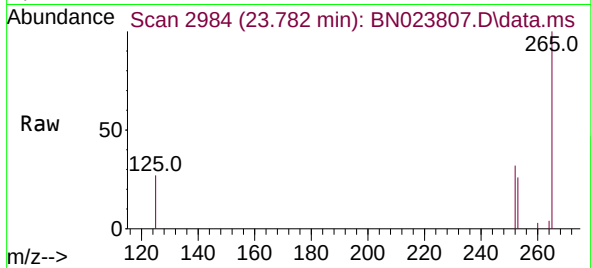
Tgt Ion:252 Resp: 1358
Ion Ratio Lower Upper
252 100
253 63.1 20.2 30.2#
125 58.4 12.8 19.2#





#39
Benzo(a)pyrene
Concen: 0.031 ng
RT: 23.782 min Scan# 2984
Delta R.T. 0.001 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02

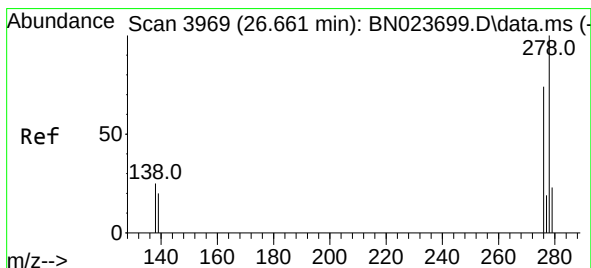
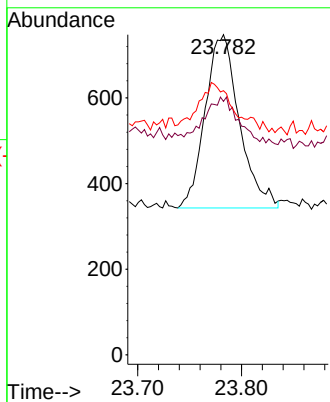
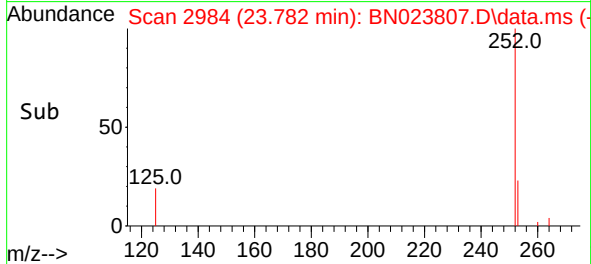
Instrument :
BNA_N
ClientSampleId :
SP-303-20230120



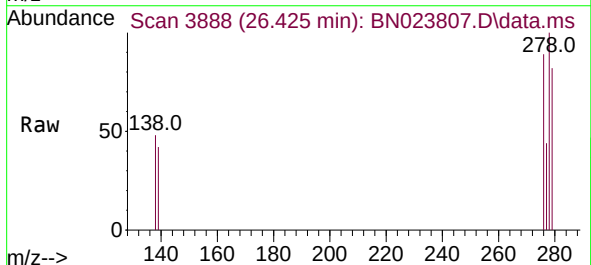
Tgt Ion:252 Resp: 929
Ion Ratio Lower Upper
252 100
253 79.1 22.4 33.6#
125 82.5 17.7 26.5#

Manual Integrations
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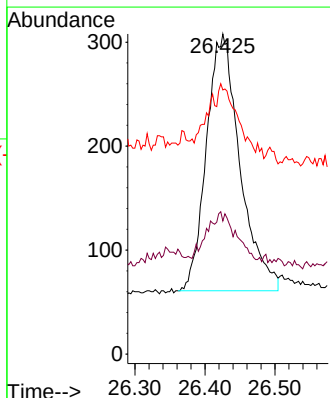
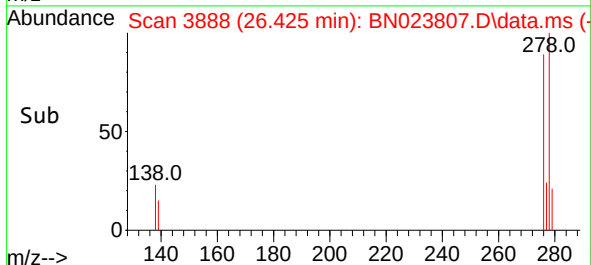
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

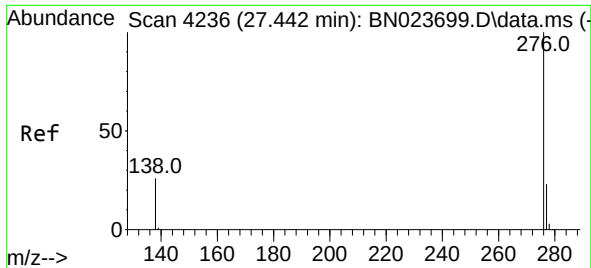


#40
Dibenzo(a,h)anthracene
Concen: 0.023 ng
RT: 26.425 min Scan# 3888
Delta R.T. 0.004 min
Lab File: BN023807.D
Acq: 25 Jan 2023 23:02



Tgt Ion:278 Resp: 821
Ion Ratio Lower Upper
278 100
139 41.6 17.2 25.8#
279 82.5 21.4 32.2#





#41

Benzo(g,h,i)perylene

Concen: 0.029 ng

RT: 27.174 min Scan# 41

Delta R.T. 0.007 min

Lab File: BN023807.D

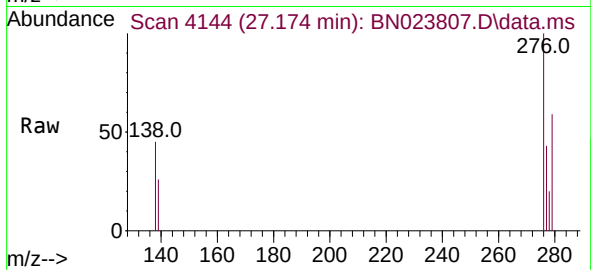
Acq: 25 Jan 2023 23:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20230120



Tgt Ion:276 Resp: 1073

Ion Ratio Lower Upper

276 100

277 43.0 19.4 29.0

138 44.8 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023

