

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033549.D
 Acq On : 22 Aug 2024 12:53
 Operator : MA/JU
 Sample : P3663-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 914-J-SD-0.5-1-081624

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 22 14:05:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	6905	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	17849	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	8829	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	19258	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	16834	0.400	ng	0.00
35) Perylene-d12	23.309	264	18945	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4338	0.198	ng	0.00
5) Phenol-d6	6.729	99	5197	0.199	ng	-0.01
8) Nitrobenzene-d5	8.681	82	3604	0.243	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	4909	0.192	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	875	0.184	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	6657	0.185	ng	-0.01
27) Fluoranthene-d10	18.970	212	7628	0.165	ng	-0.01
31) Terphenyl-d14	19.588	244	5177	0.135	ng	0.00
Target Compounds						
18) Fluorene	15.236	166	1428m	0.042	ng	Qvalue
25) Phenanthrene	16.967	178	2261m	0.042	ng	
28) Fluoranthene	19.003	202	4842	0.082	ng	98
30) Pyrene	19.365	202	4582	0.061	ng	97
32) Benzo(a)anthracene	21.122	228	2607	0.043	ng	# 88
33) Chrysene	21.175	228	3291	0.054	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.086	149	2467m	0.064	ng	# 93
36) Indeno(1,2,3-cd)pyrene	25.455	276	2020	0.026	ng	
37) Benzo(b)fluoranthene	22.669	252	3914	0.055	ng	# 39
38) Benzo(k)fluoranthene	22.707	252	1650m	0.024	ng	# 27
39) Benzo(a)pyrene	23.215	252	2590	0.044	ng	
41) Benzo(g,h,i)perylene	26.113	276	1991	0.030	ng	# 46

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

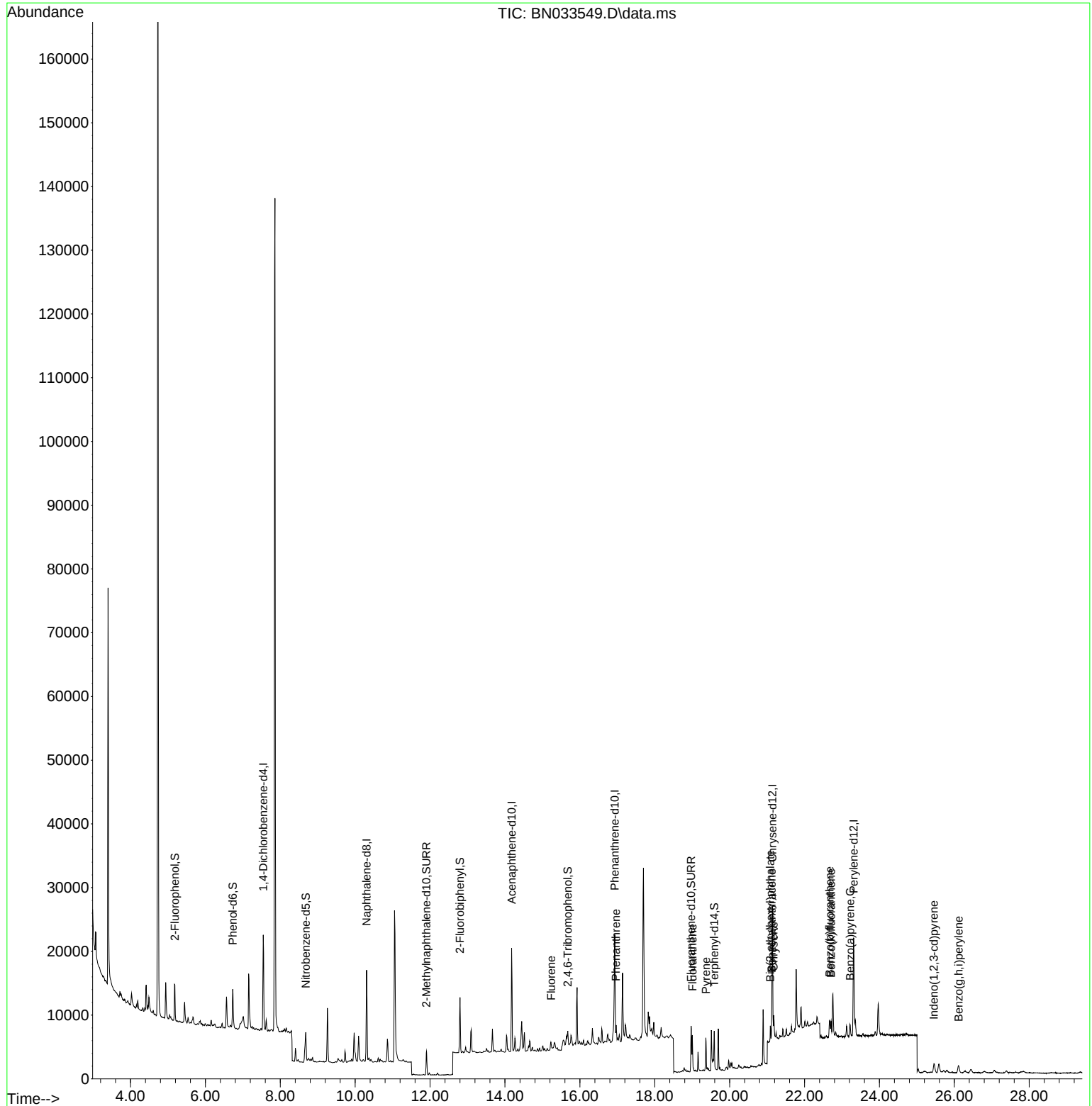
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033549.D
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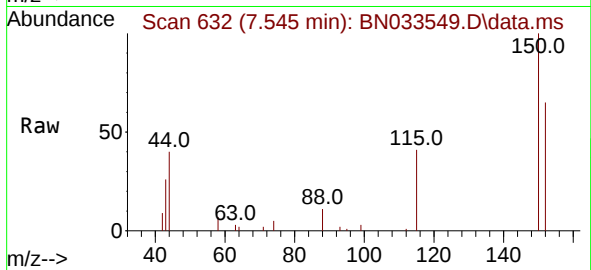
Quant Time: Aug 22 14:05:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

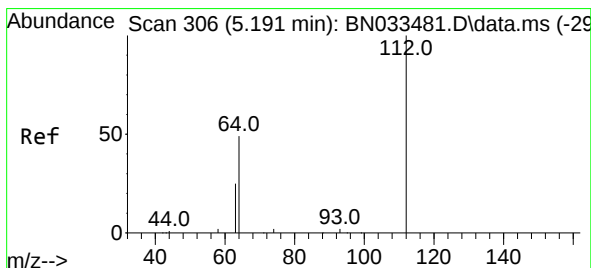
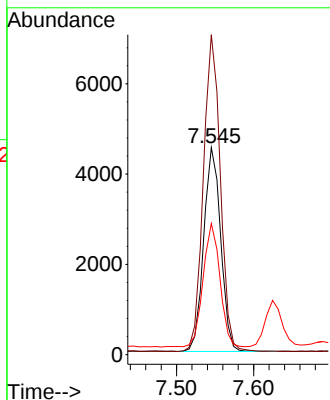
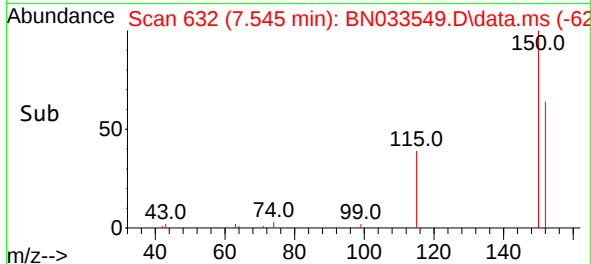
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624



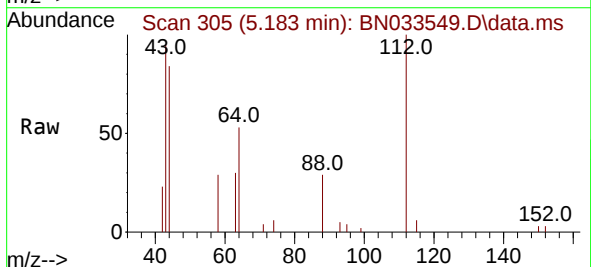
Tgt Ion:152 Resp: 690
Ion Ratio Lower Upper
152 100
150 154.5 122.2 183.2
115 63.3 47.2 70.8

Manual Integrations
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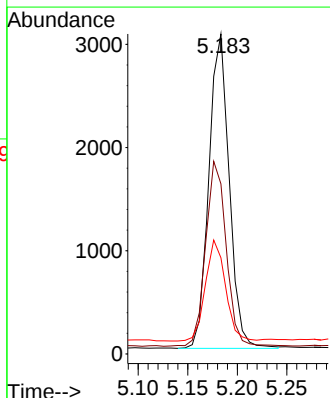
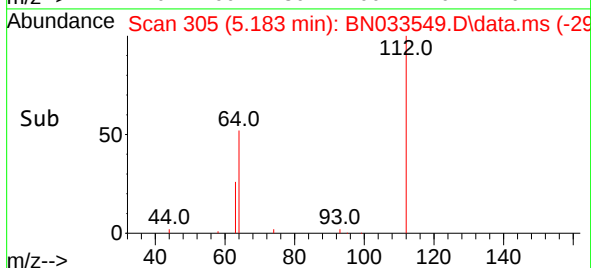
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53



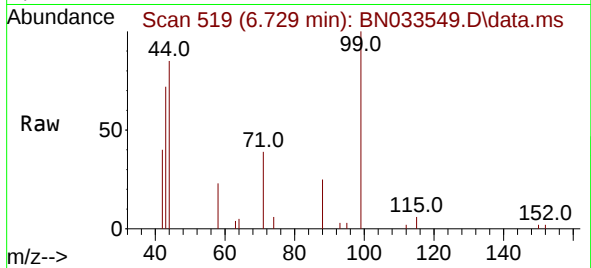
Tgt Ion:112 Resp: 4338
Ion Ratio Lower Upper
112 100
64 59.4 47.1 70.7
63 31.7 24.9 37.3





#5
Phenol-d6
Concen: 0.199 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.014 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

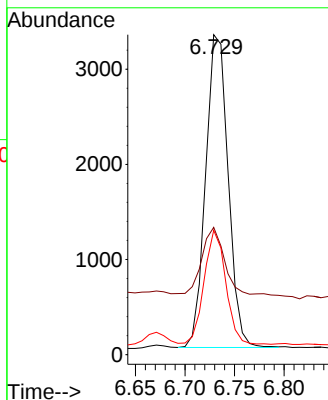
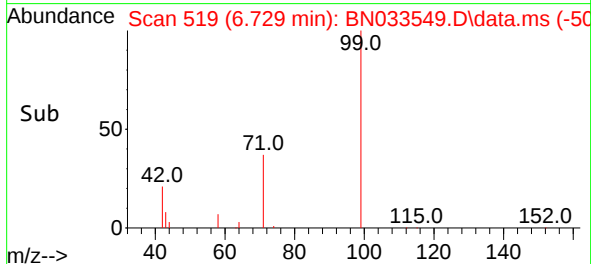
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624



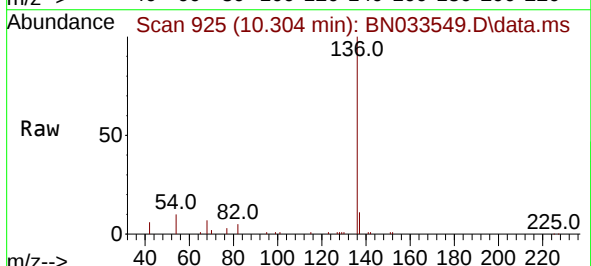
Tgt Ion: 99 Resp: 519
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 35.2 26.2 39.4

Manual Integrations
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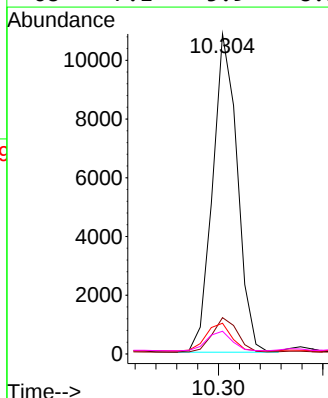
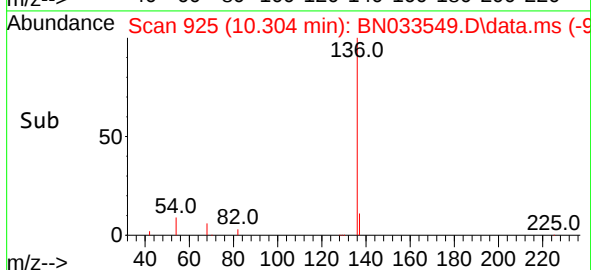
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53



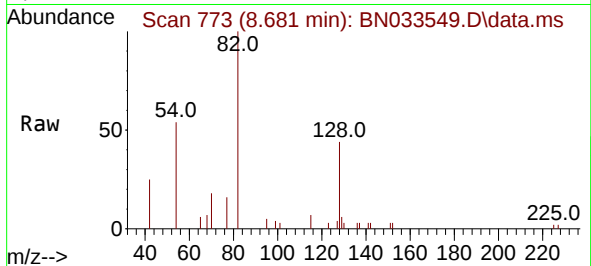
Tgt Ion:136 Resp: 17849
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.6 8.3 12.5
68 7.1 5.9 8.9





#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

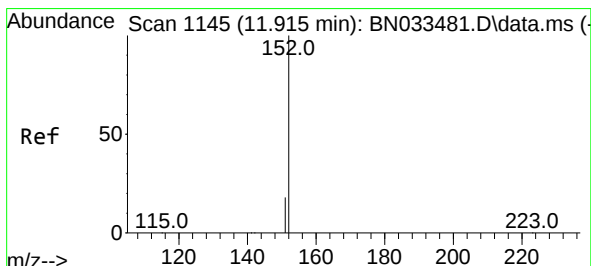
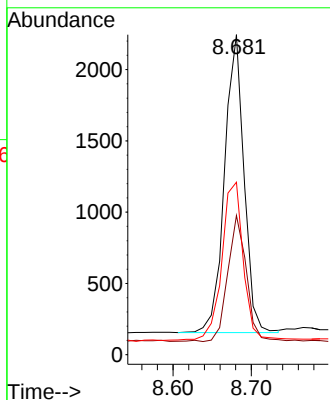
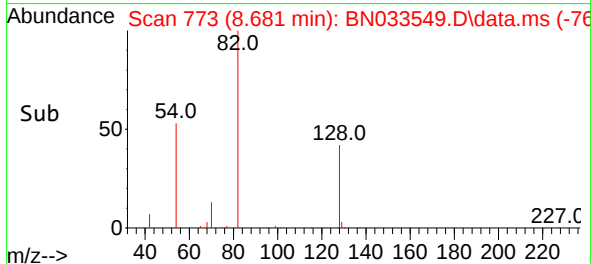
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624



Tgt Ion: 82 Resp: 3604
Ion Ratio Lower Upper
82 100
128 43.5 36.0 54.0
54 53.9 42.0 63.0

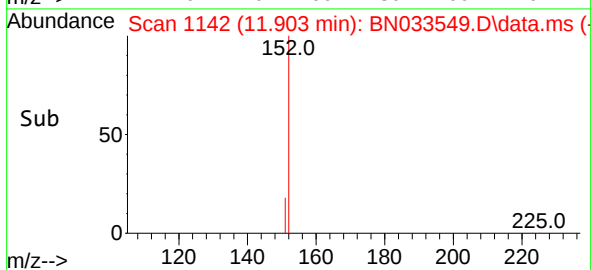
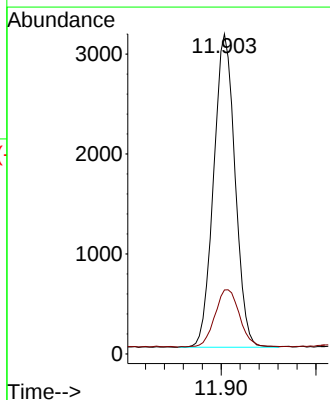
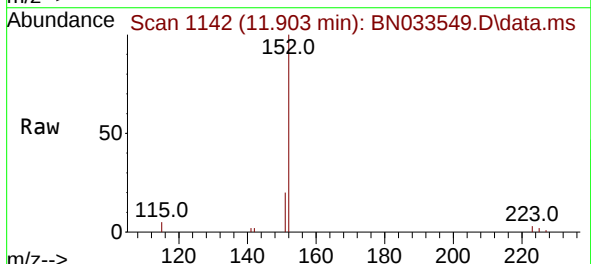
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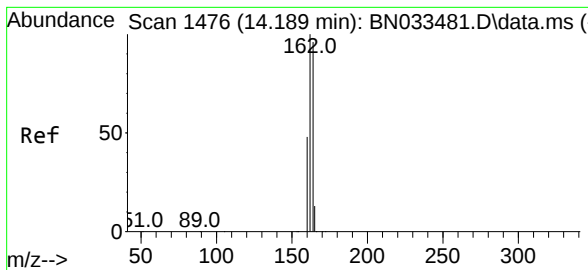
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 11.903 min Scan# 1142
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

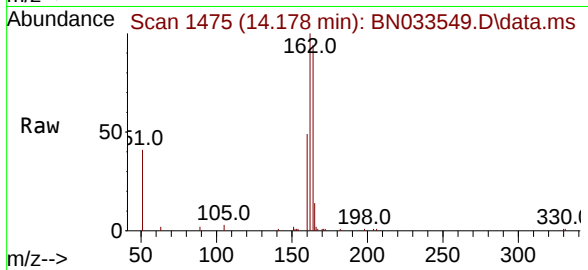
Tgt Ion:152 Resp: 4909
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

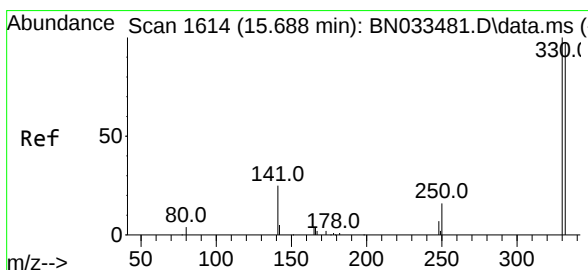
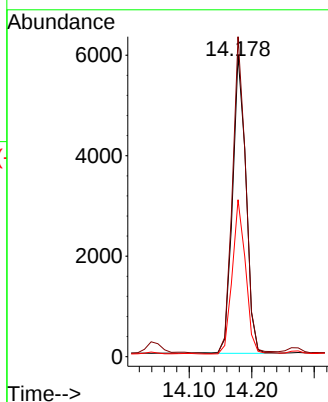
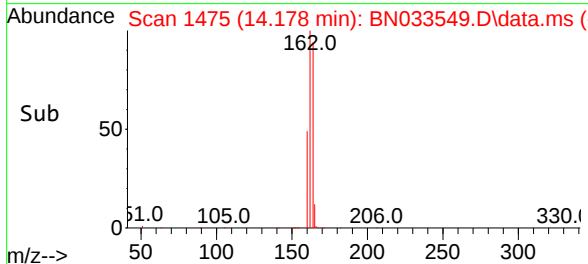
Instrument :
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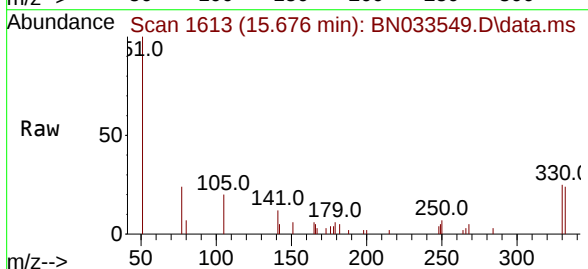
Tgt Ion:164 Resp: 8829
Ion Ratio Lower Upper
164 100
162 106.2 83.5 125.3
160 52.1 40.2 60.4

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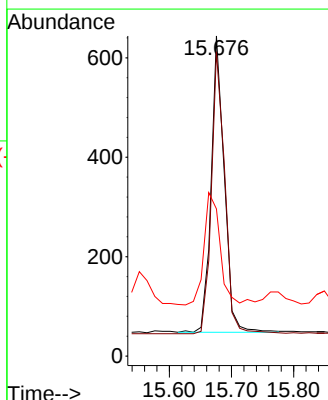
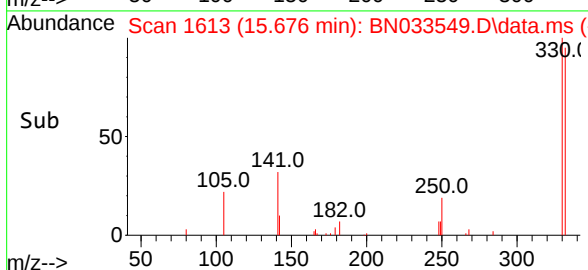
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

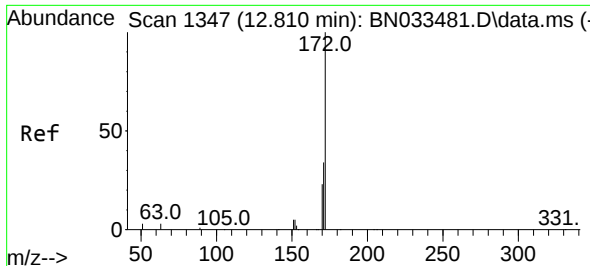


#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53



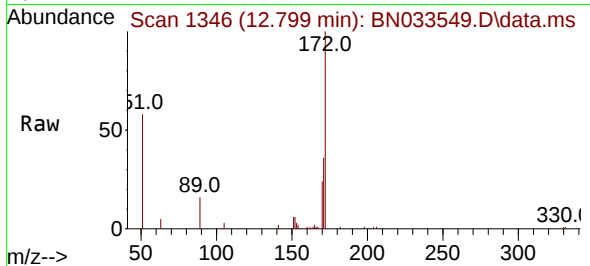
Tgt Ion:330 Resp: 875
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 45.8 33.9 50.9





#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 12.799 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

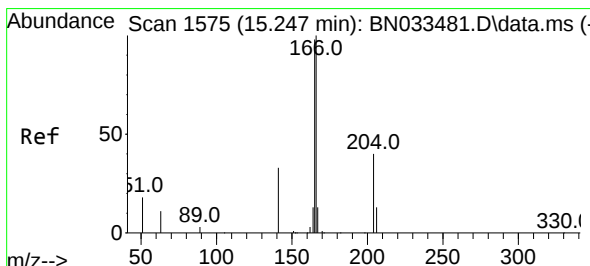
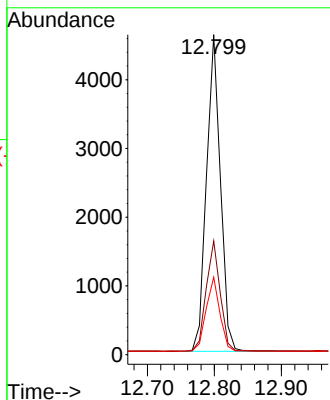
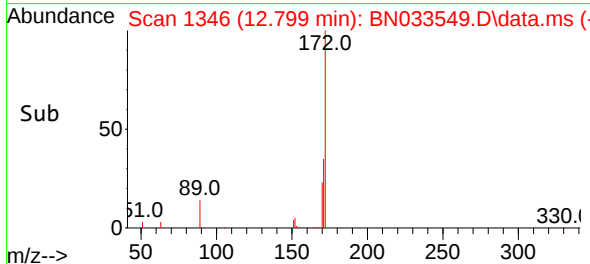
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624



Tgt Ion:172 Resp: 665
Ion Ratio Lower Upper
172 100
171 35.5 27.7 41.5
170 24.2 18.3 27.5

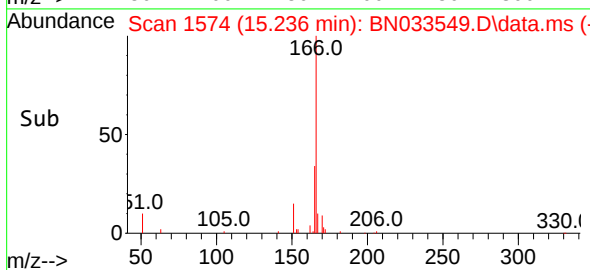
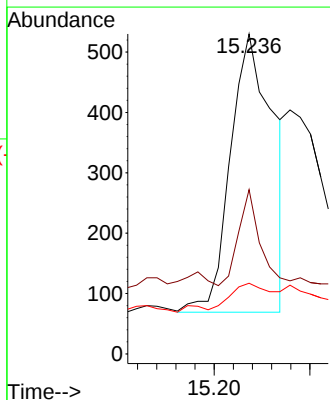
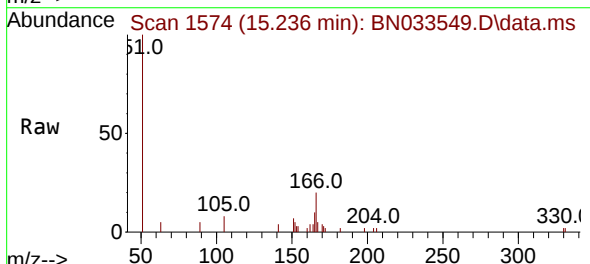
Manual Integrations
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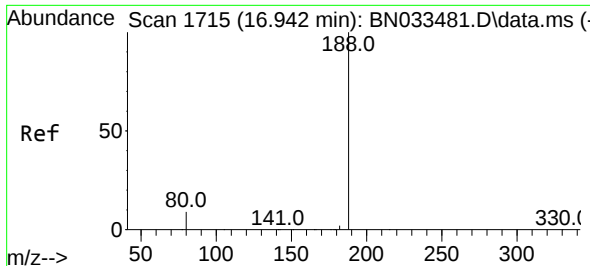
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#18
Fluorene
Concen: 0.042 ng m
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion:166 Resp: 1428
Ion Ratio Lower Upper
166 100
165 17.4 78.2 117.4#
167 10.1 10.6 16.0#





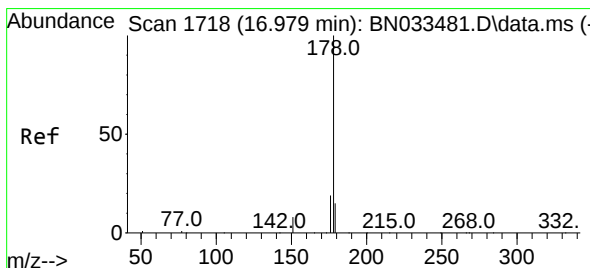
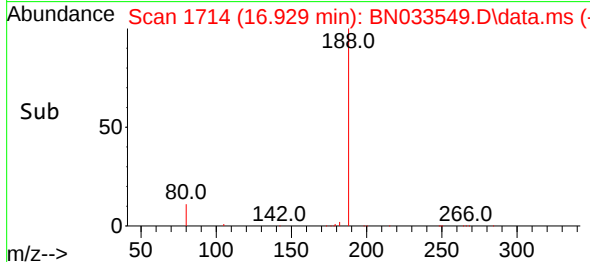
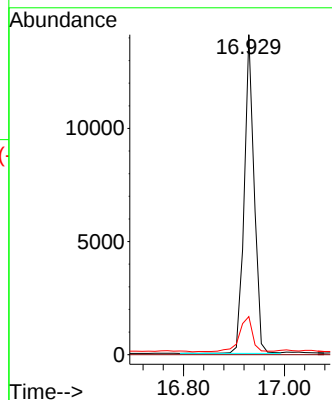
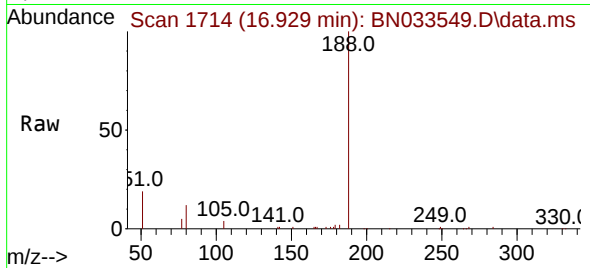
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Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Instrument :
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Tgt Ion:188 Resp: 1925
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 7.8 11.8

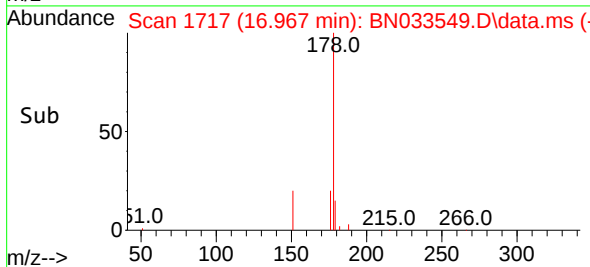
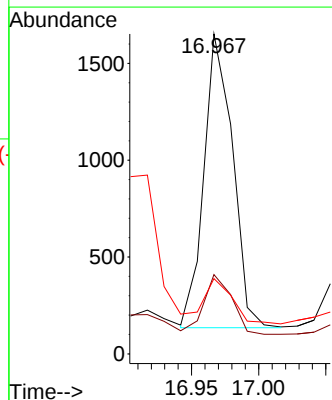
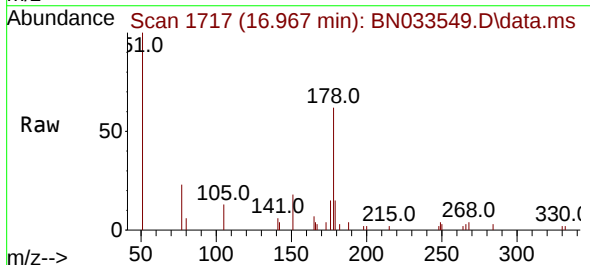
Manual Integrations
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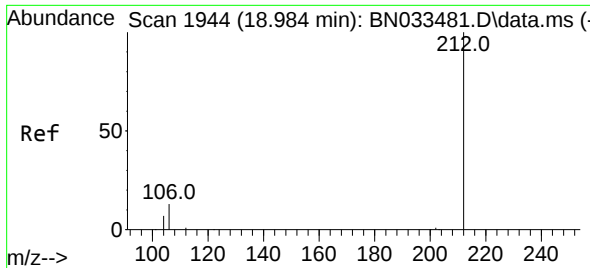
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#25
Phenanthrene
Concen: 0.042 ng m
RT: 16.967 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

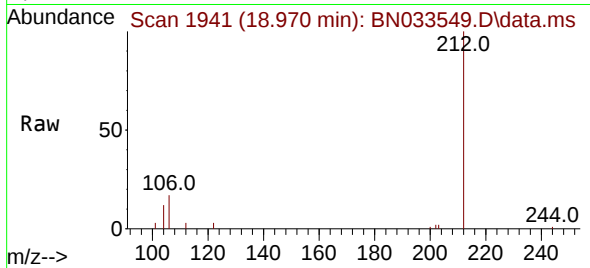
Tgt Ion:178 Resp: 2261
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.4 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.165 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.014 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

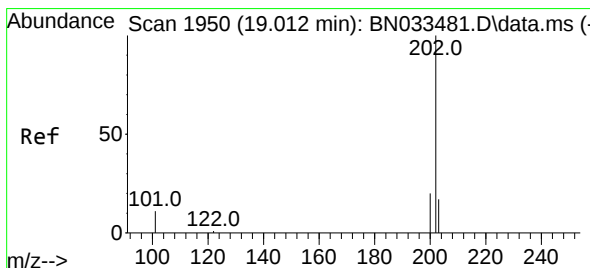
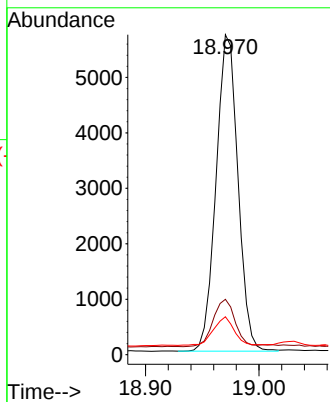
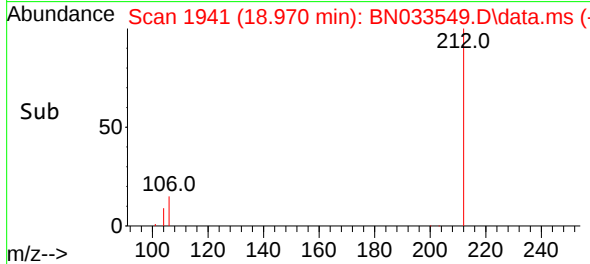
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624



Tgt Ion:212 Resp: 7628
Ion Ratio Lower Upper
212 100
106 15.0 12.3 18.5
104 8.9 7.0 10.4

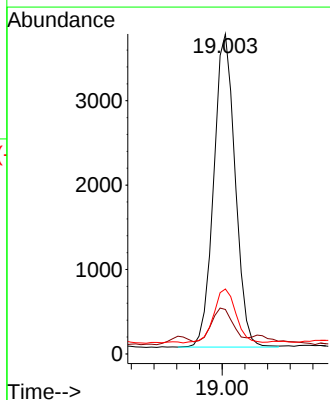
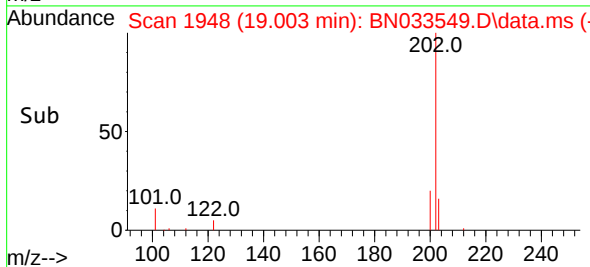
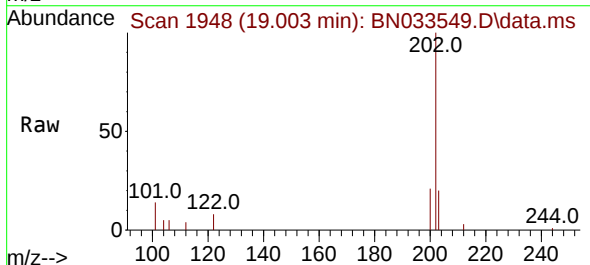
Manual Integrations
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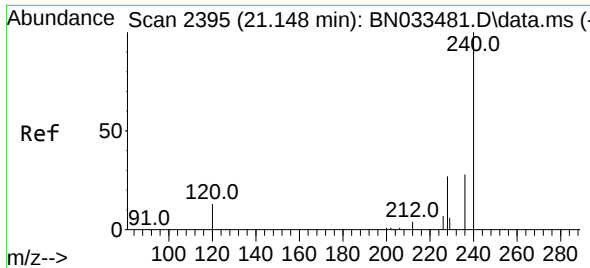
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#28
Fluoranthene
Concen: 0.082 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

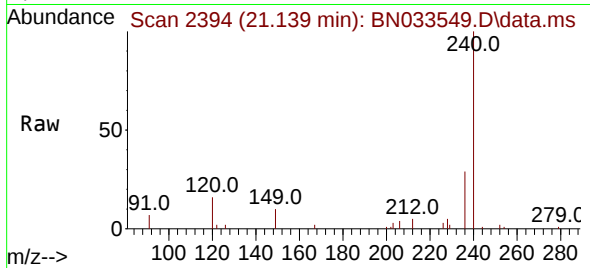
Tgt Ion:202 Resp: 4842
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
203 17.8 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 21139
Delta R.T. -0.009 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

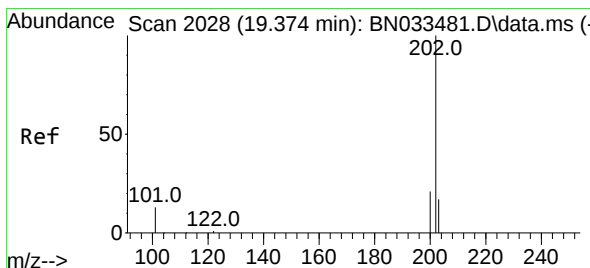
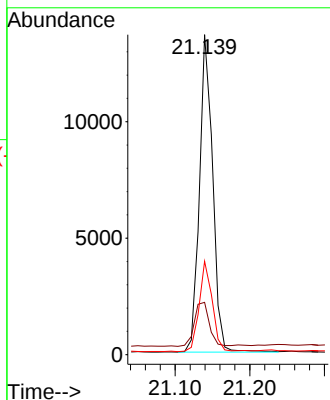
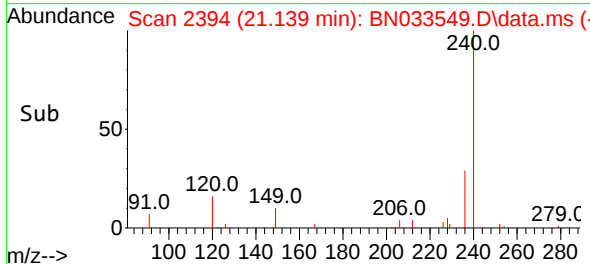
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624



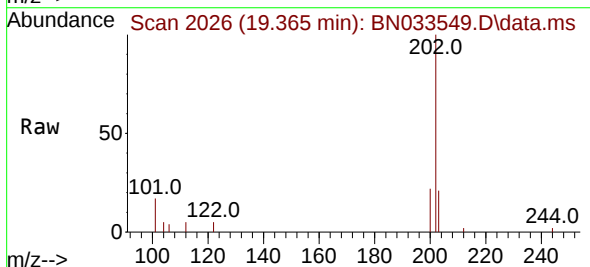
Tgt Ion:240 Resp: 16834
Ion Ratio Lower Upper
240 100
120 16.3 12.4 18.6
236 29.2 23.0 34.6

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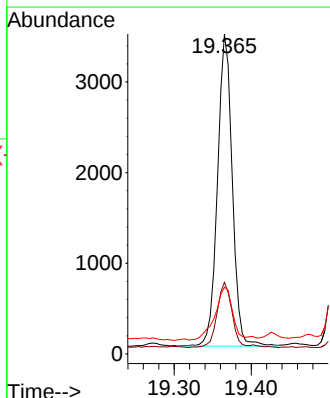
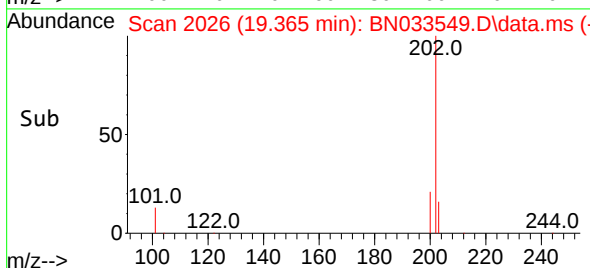
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

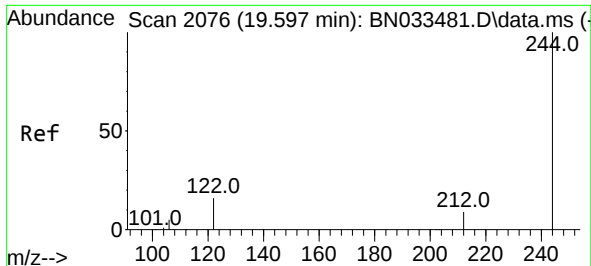


#30
Pyrene
Concen: 0.061 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.009 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53



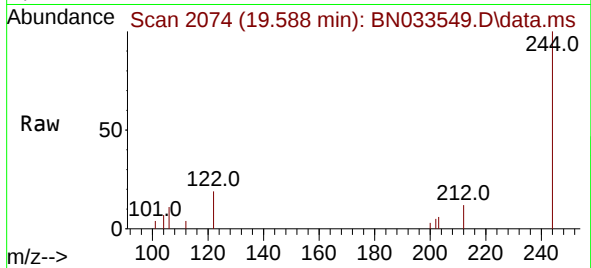
Tgt Ion:202 Resp: 4582
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 20.5 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.135 ng
 RT: 19.588 min Scan# 2074
 Delta R.T. -0.009 min
 Lab File: BN033549.D
 Acq: 22 Aug 2024 12:53

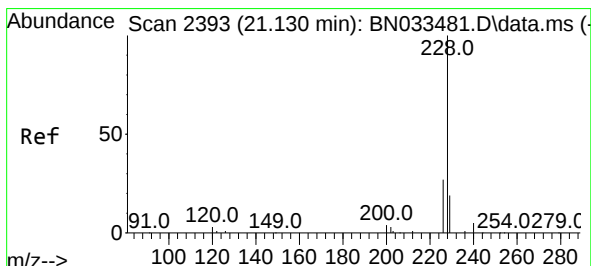
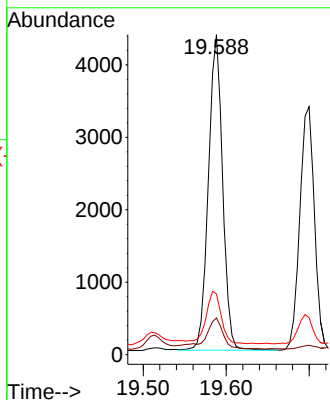
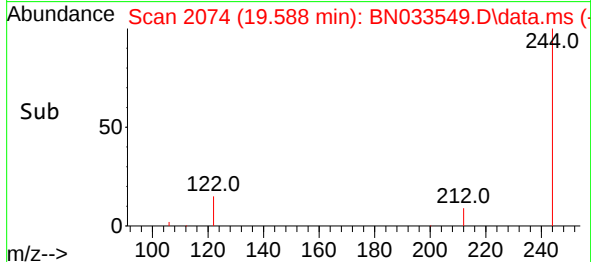
Instrument :
 BNA_N
 ClientSampleId :
 914-J-SD-0.5-1-081624



Tgt Ion:244 Resp: 517
 Ion Ratio Lower Upper
 244 100
 212 11.5 7.8 11.6
 122 19.0 13.3 19.9

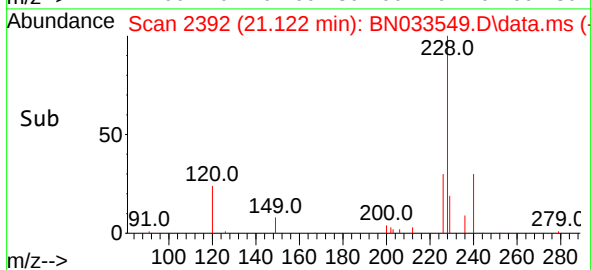
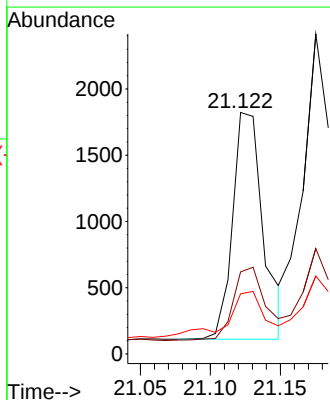
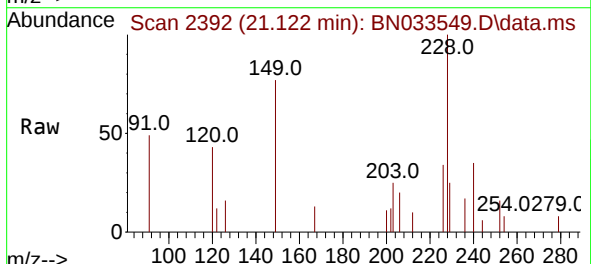
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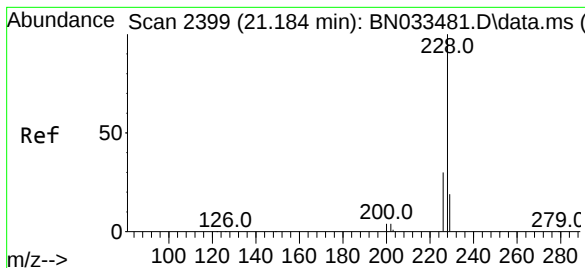
Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/24/2024



#32
 Benzo(a)anthracene
 Concen: 0.043 ng
 RT: 21.122 min Scan# 2392
 Delta R.T. -0.009 min
 Lab File: BN033549.D
 Acq: 22 Aug 2024 12:53

Tgt Ion:228 Resp: 2607
 Ion Ratio Lower Upper
 228 100
 226 34.0 21.8 32.6#
 229 24.9 15.8 23.6#





#33

Chrysene

Concen: 0.054 ng

RT: 21.175 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033549.D

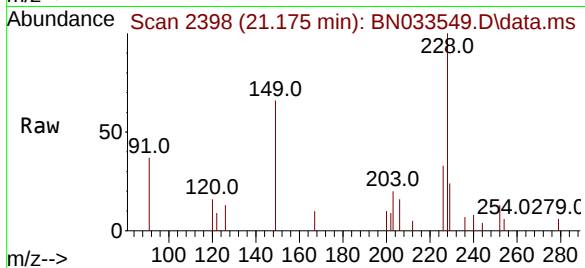
Acq: 22 Aug 2024 12:53

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0.5-1-081624



Tgt Ion:228 Resp: 329

Ion Ratio Lower Upper

228 100

226 33.0 23.8 35.8

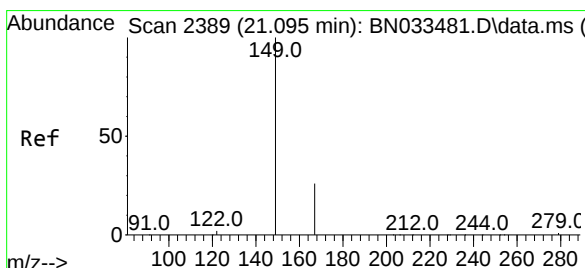
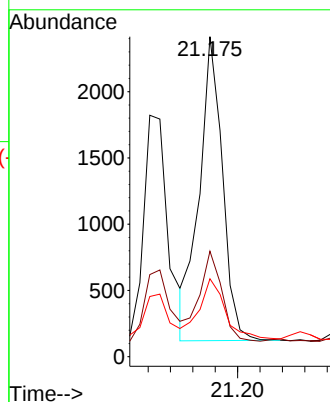
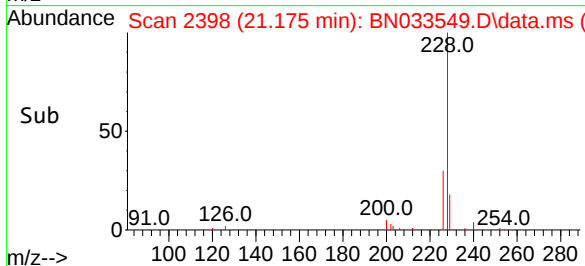
229 24.4 15.6 23.4

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/24/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng m

RT: 21.086 min Scan# 2388

Delta R.T. -0.009 min

Lab File: BN033549.D

Acq: 22 Aug 2024 12:53

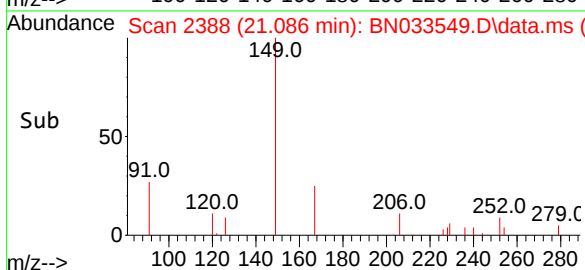
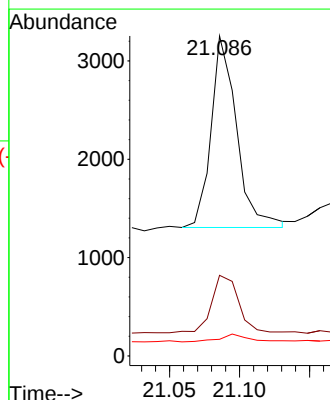
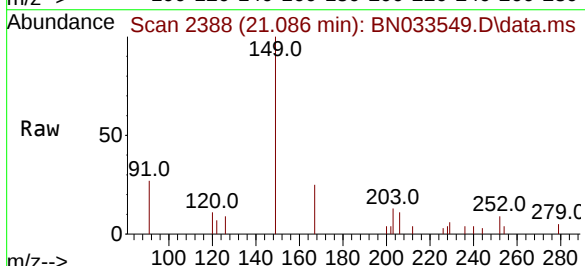
Tgt Ion:149 Resp: 2467

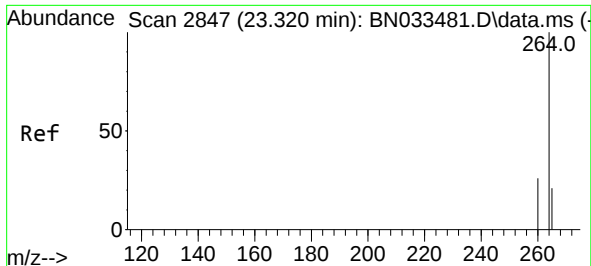
Ion Ratio Lower Upper

149 100

167 50.8 21.5 32.3#

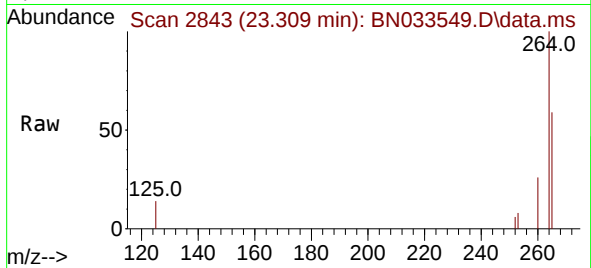
279 10.2 2.2 3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.309 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

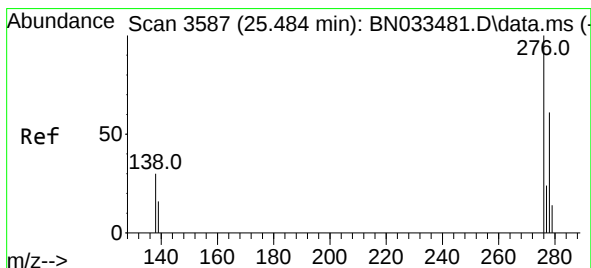
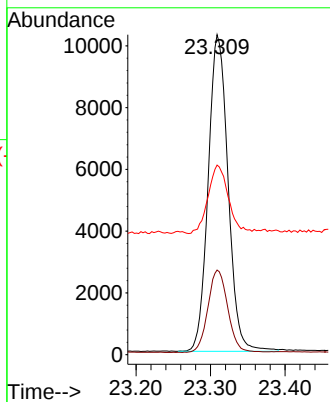
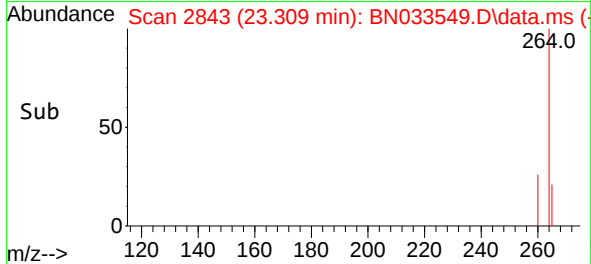
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624



Tgt Ion:264 Resp: 1894
Ion Ratio Lower Upper
264 100
260 26.5 20.8 31.2
265 59.2 52.2 78.2

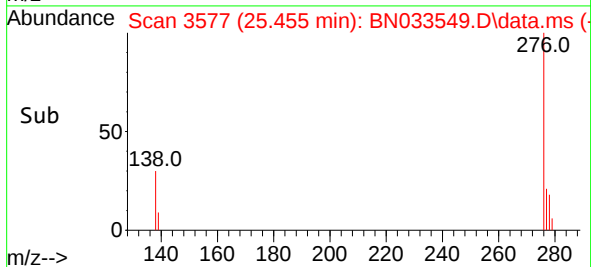
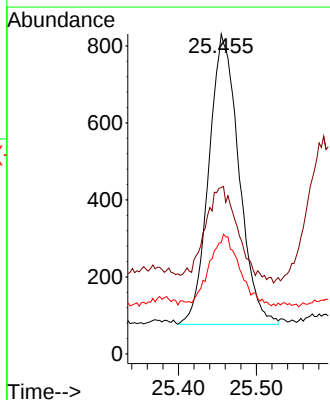
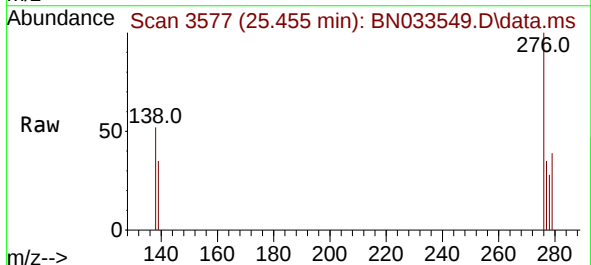
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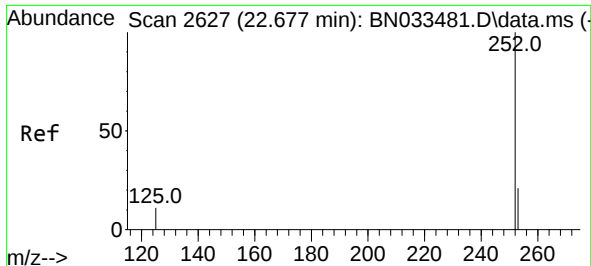
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 25.455 min Scan# 3577
Delta R.T. -0.029 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion:276 Resp: 2020
Ion Ratio Lower Upper
276 100
138 37.6 24.4 36.6#
277 24.4 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.055 ng

RT: 22.669 min Scan# 2624

Delta R.T. -0.009 min

Lab File: BN033549.D

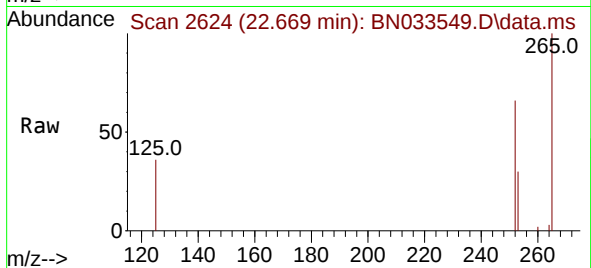
Acq: 22 Aug 2024 12:53

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0.5-1-081624



Tgt Ion:252 Resp: 3914

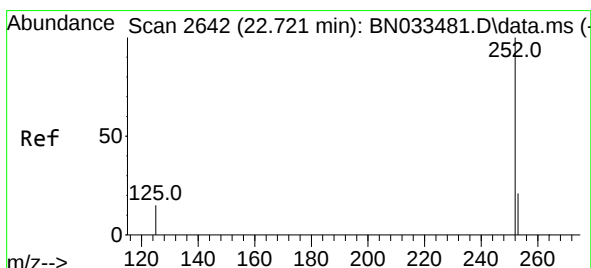
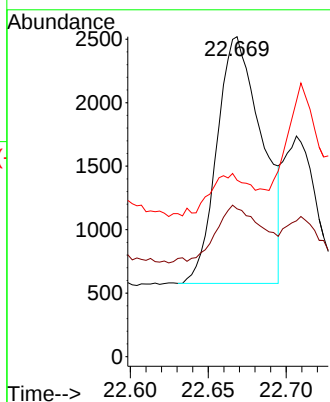
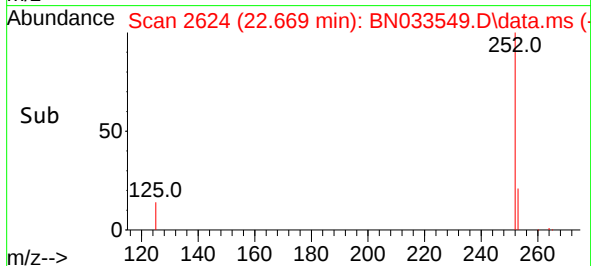
Ion	Ratio	Lower	Upper
252	100		
253	46.2	19.8	29.8#
125	55.2	13.9	20.9#

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/24/2024



#38

Benzo(k)fluoranthene

Concen: 0.024 ng m

RT: 22.707 min Scan# 2637

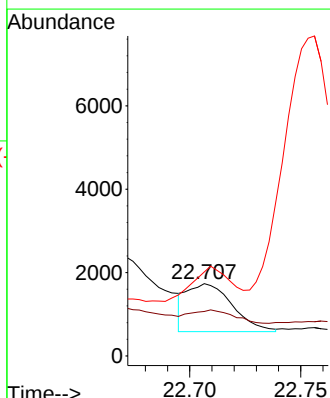
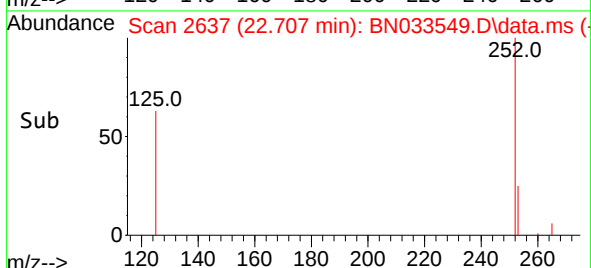
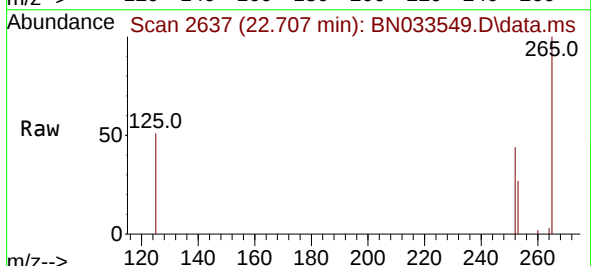
Delta R.T. -0.015 min

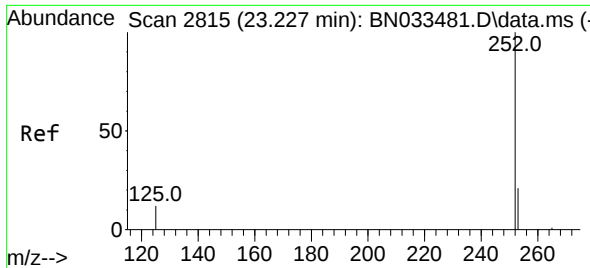
Lab File: BN033549.D

Acq: 22 Aug 2024 12:53

Tgt Ion:252 Resp: 1650

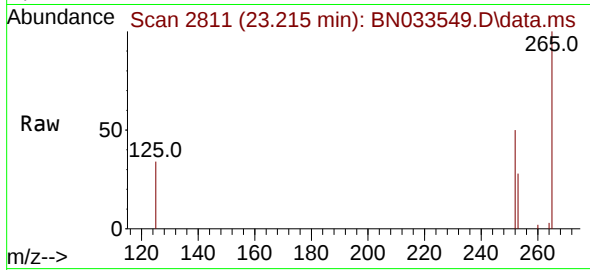
Ion	Ratio	Lower	Upper
252	100		
253	61.5	19.8	29.8#
125	115.9	15.8	23.8#





#39
Benzo(a)pyrene
Concen: 0.044 ng
RT: 23.215 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

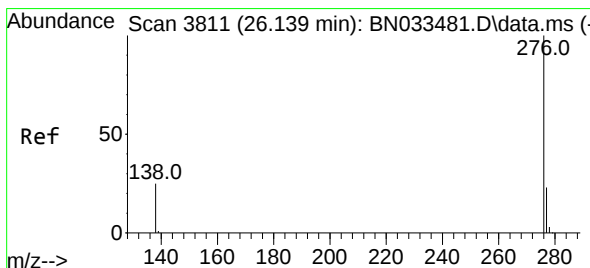
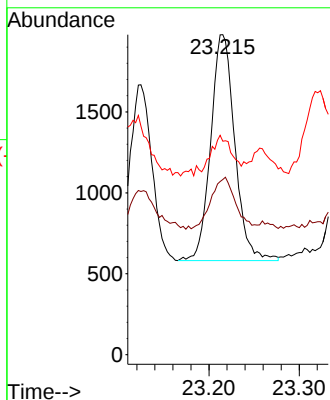
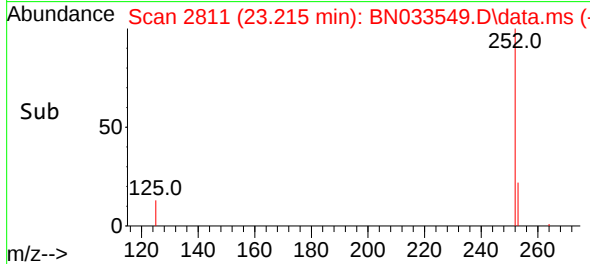
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624



Tgt Ion:252 Resp: 2590
Ion Ratio Lower Upper
252 100
253 54.8 21.5 32.3#
125 66.7 17.0 25.4#

Manual Integrations
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Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#41
Benzo(g,h,i)perylene
Concen: 0.030 ng
RT: 26.113 min Scan# 3802
Delta R.T. -0.026 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion:276 Resp: 1991
Ion Ratio Lower Upper
276 100
277 37.9 19.7 29.5#
138 68.3 21.8 32.6#

