

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033263.D
 Acq On : 06 Aug 2024 08:45
 Operator : MA/JU
 Sample : P3457-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 932-K1-WS-080224

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 09:10:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 23:57:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	830m	0.400	ng	0.10
7) Naphthalene-d8	10.351	136	2968	0.400	ng	# 0.03
13) Acenaphthene-d10	14.144	164	2060	0.400	ng	0.02
19) Phenanthrene-d10	16.915	188	5104	0.400	ng	0.00
29) Chrysene-d12	21.113	240	6330	0.400	ng	#-0.01
35) Perylene-d12	23.280	264	7554	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	9.006	82	617m	0.259	ng	0.09
11) 2-Methylnaphthalene-d10	11.935	152	1142	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.698	330	249	0.324	ng	-0.02
15) 2-Fluorobiphenyl	12.797	172	2471	0.351	ng	0.00
27) Fluoranthene-d10	18.948	212	4445	0.311	ng	0.00
31) Terphenyl-d14	19.533	244	4380	0.401	ng	-0.02
Target Compounds						Qvalue
25) Phenanthrene	16.964	178	440	0.032	ng	# 90
26) Anthracene	17.076	178	314	0.027	ng	# 86
28) Fluoranthene	18.980	202	863	0.046	ng	97
30) Pyrene	19.347	202	783	0.035	ng	95
32) Benzo(a)anthracene	21.113	228	663	0.036	ng	# 72
33) Chrysene	21.158	228	957	0.039	ng	# 80
36) Indeno(1,2,3-cd)pyrene	25.496	276	1015	0.030	ng	95
37) Benzo(b)fluoranthene	22.646	252	893	0.039	ng	# 10
38) Benzo(k)fluoranthene	22.690	252	898	0.031	ng	# 2
39) Benzo(a)pyrene	23.198	252	650	0.028	ng	# 1
40) Dibenzo(a,h)anthracene	25.488	278	776	0.029	ng	# 1
41) Benzo(g,h,i)perylene	26.169	276	866	0.028	ng	# 54

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

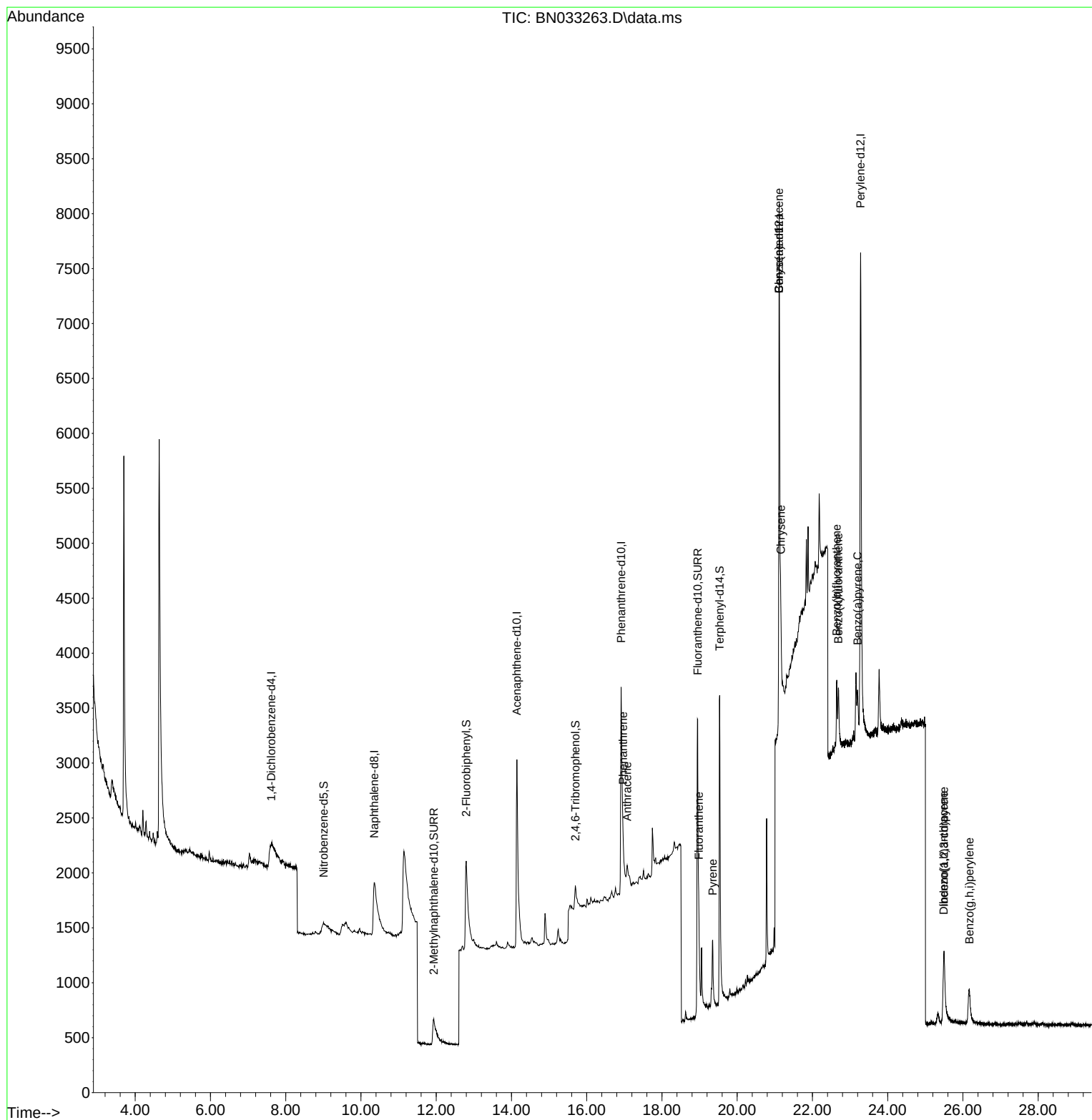
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
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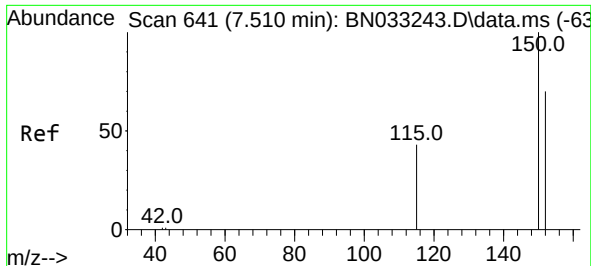
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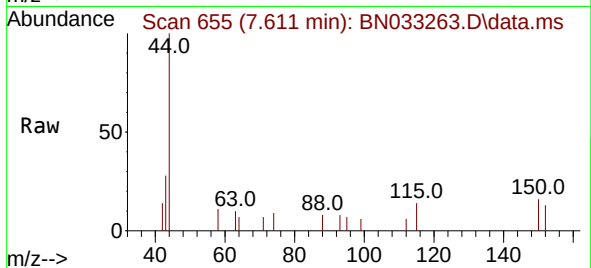
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.611 min Scan# 61
Delta R.T. 0.101 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

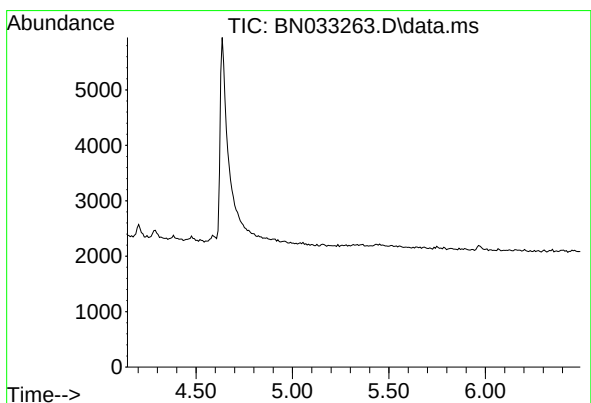
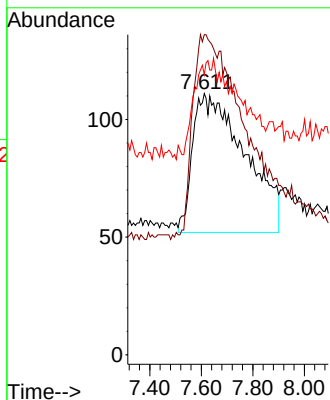
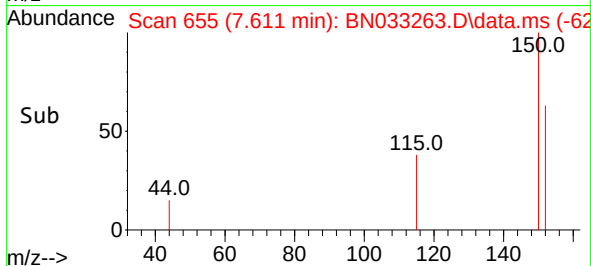
Instrument :
BNA_N
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932-K1-WS-080224



Tgt Ion:152 Resp: 830
Ion Ratio Lower Upper
152 100
150 122.5 108.2 162.2
115 107.2 70.5 105.7

Manual Integrations
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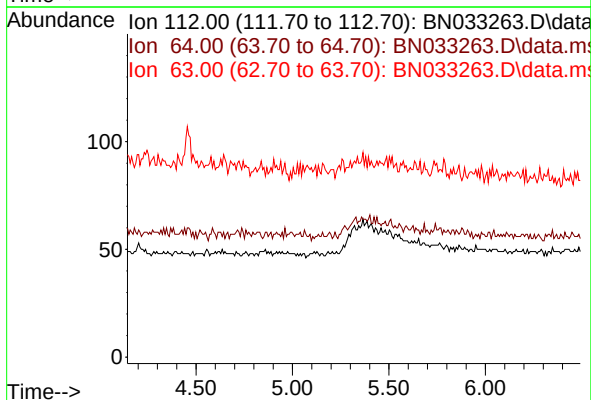
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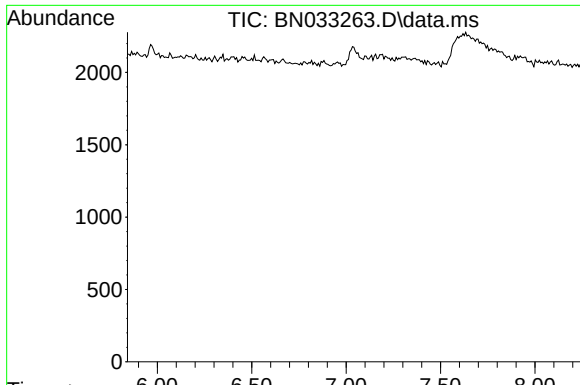


#4
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.29 min

Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Tgt Ion: 112
Sig Exp Ratio
112 100
64 22.5
63 0.0





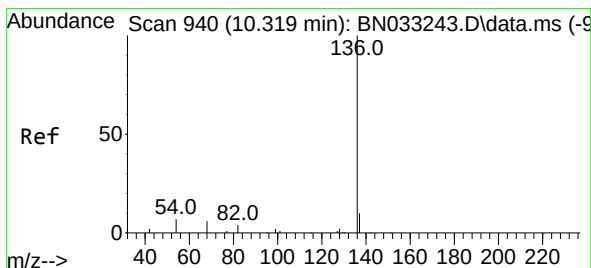
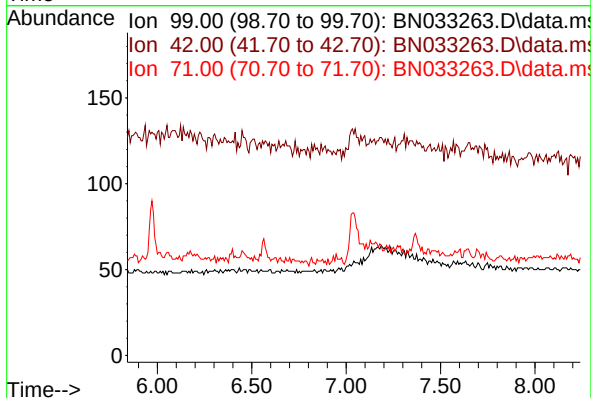
#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.99 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

Instrument :
 BNA_N
 ClientSampleId :
 932-K1-WS-080224

Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 0.0
 71 0.0

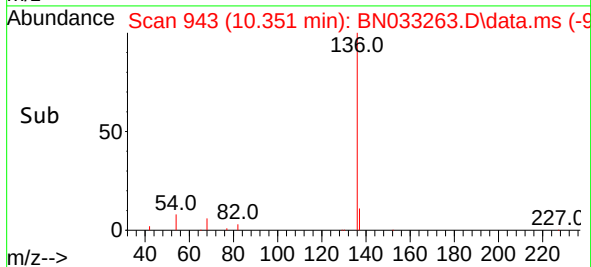
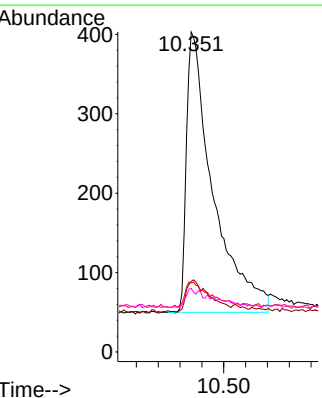
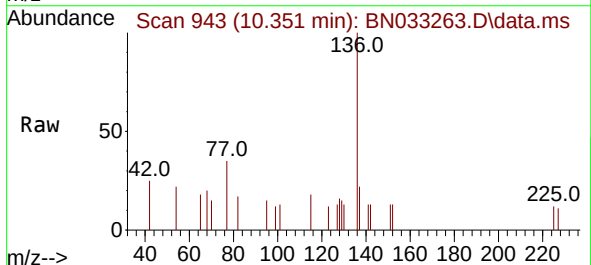
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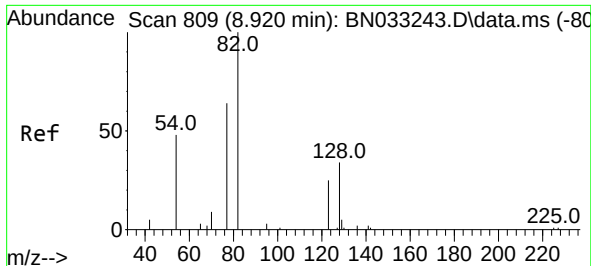
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#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.351 min Scan# 943
 Delta R.T. 0.032 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

Tgt Ion:136 Resp: 2968
 Ion Ratio Lower Upper
 136 100
 137 22.1 14.1 21.1#
 54 21.6 13.8 20.8#
 68 19.9 12.4 18.6#





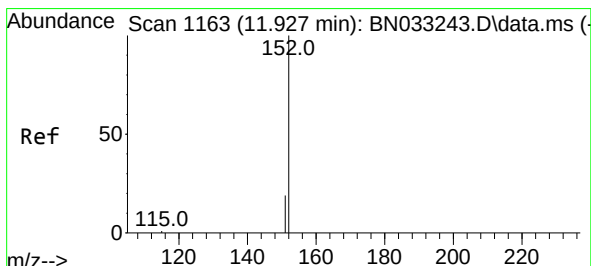
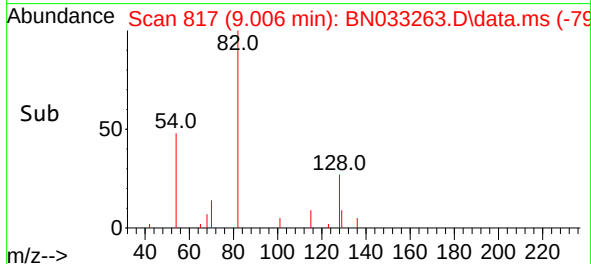
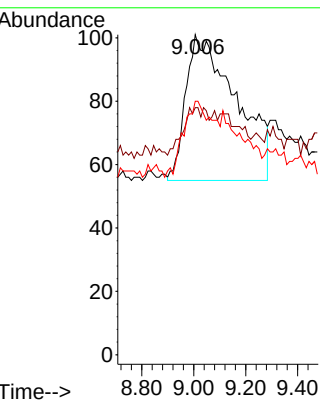
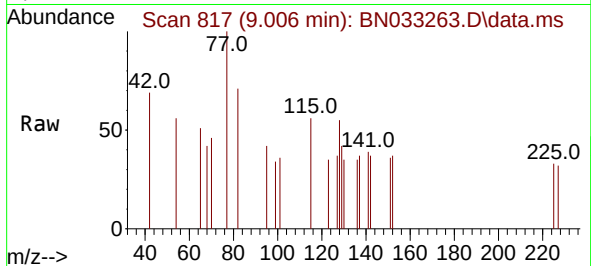
#8
Nitrobenzene-d5
Concen: 0.259 ng m
RT: 9.006 min Scan# 817
Delta R.T. 0.086 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Instrument :
BNA_N
ClientSampleId :
932-K1-WS-080224

Tgt Ion: 82 Resp: 61
Ion Ratio Lower Upper
82 100
128 77.2 54.8 82.2
54 79.2 55.9 83.9

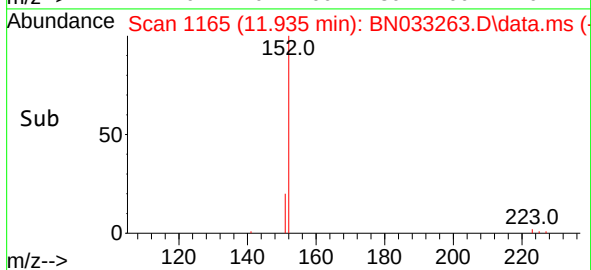
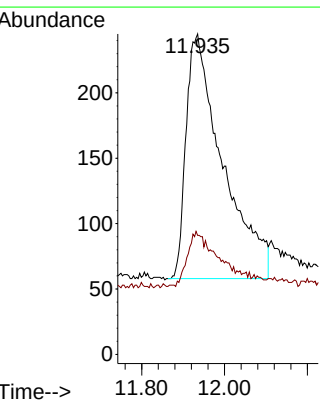
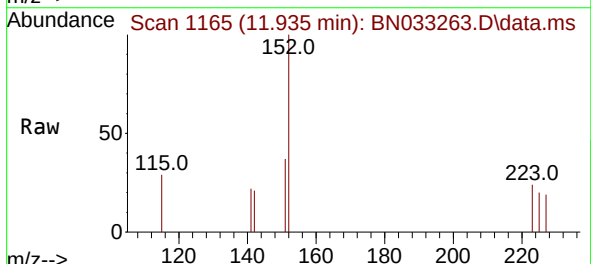
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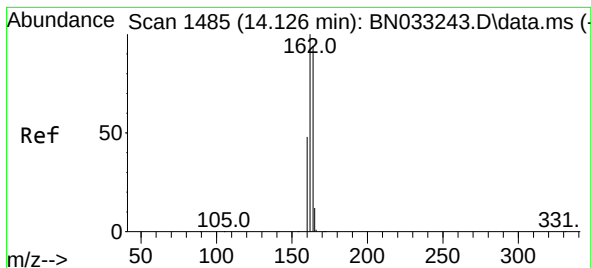
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Supervised By :mohammad ahmed 08/07/2024



#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 11.935 min Scan# 1165
Delta R.T. 0.008 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

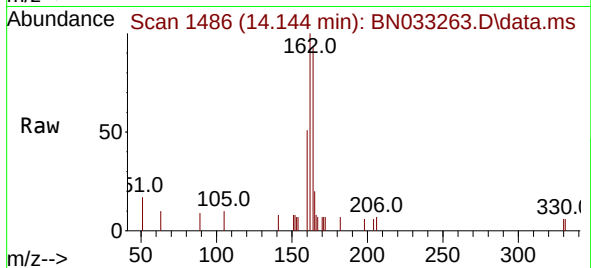
Tgt Ion:152 Resp: 1142
Ion Ratio Lower Upper
152 100
151 18.9 11.9 17.9#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.144 min Scan# 1485
Delta R.T. 0.018 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

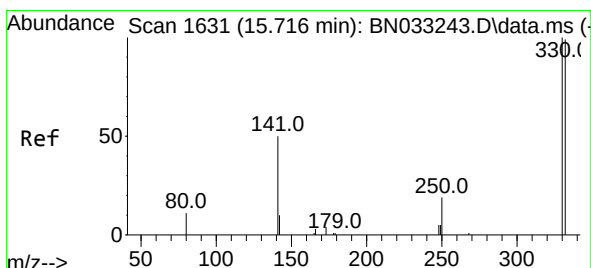
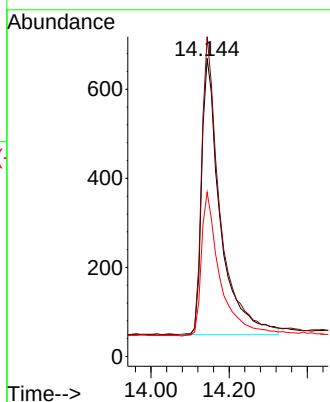
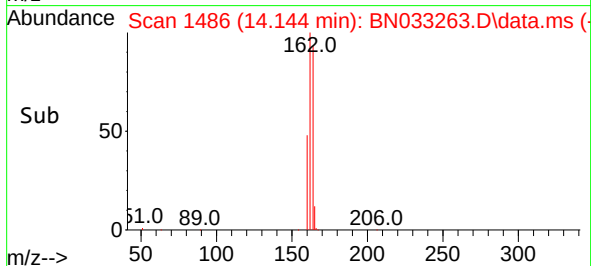
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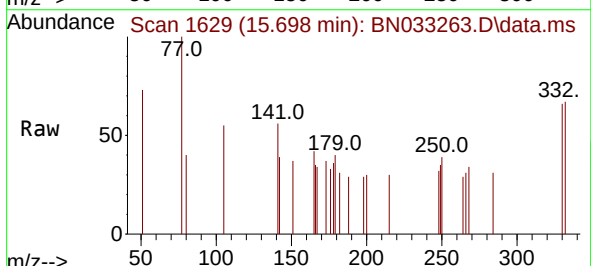
Tgt Ion:164 Resp: 2060
Ion Ratio Lower Upper
164 100
162 107.3 84.6 127.0
160 55.2 42.4 63.6

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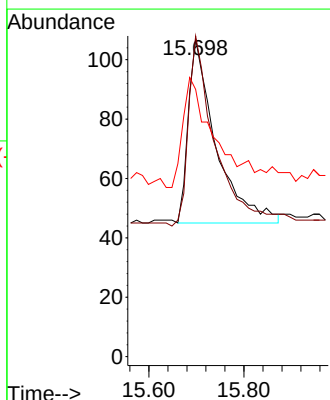
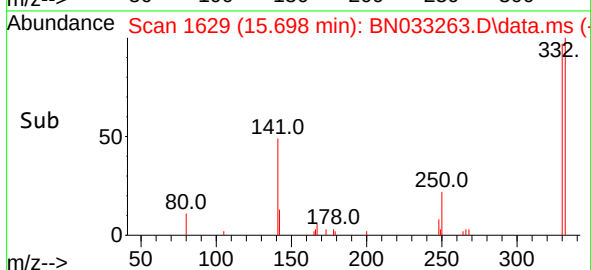
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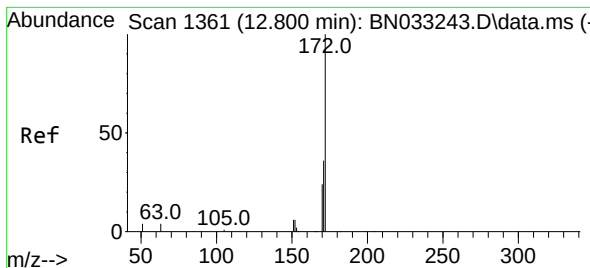


#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.698 min Scan# 1629
Delta R.T. -0.018 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45



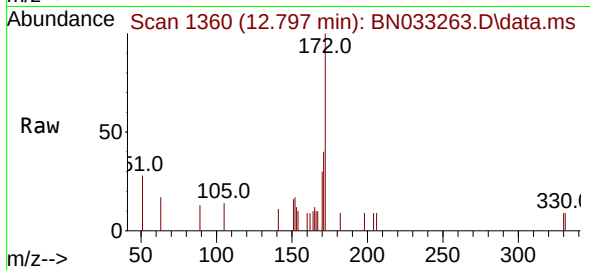
Tgt Ion:330 Resp: 249
Ion Ratio Lower Upper
330 100
332 90.8 73.7 110.5
141 47.0 44.8 67.2





#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.797 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

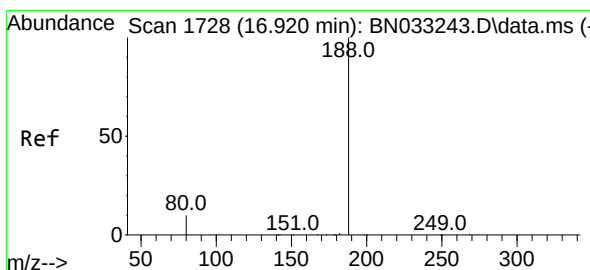
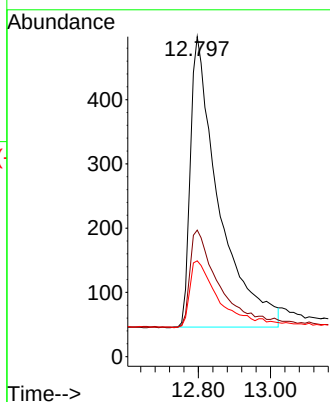
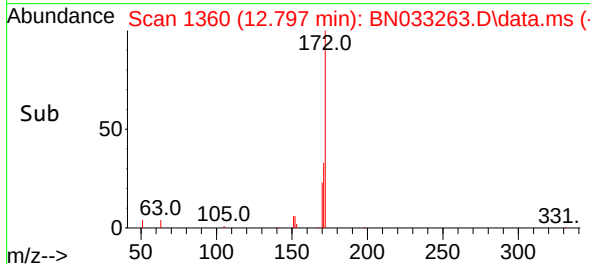
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932-K1-WS-080224



Tgt Ion:172 Resp: 247
Ion Ratio Lower Upper
172 100
171 39.6 32.3 48.5
170 29.9 23.4 35.2

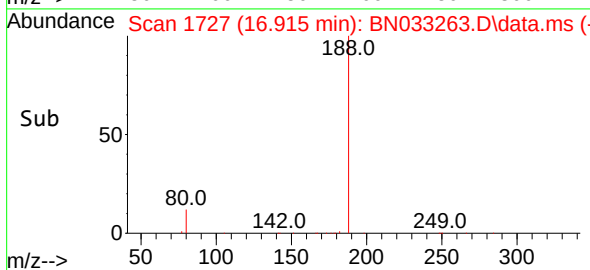
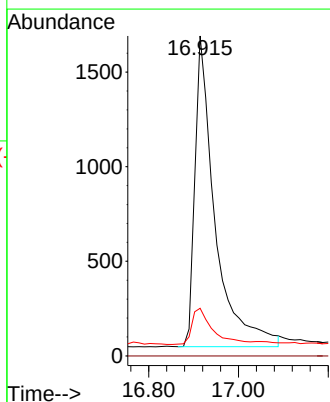
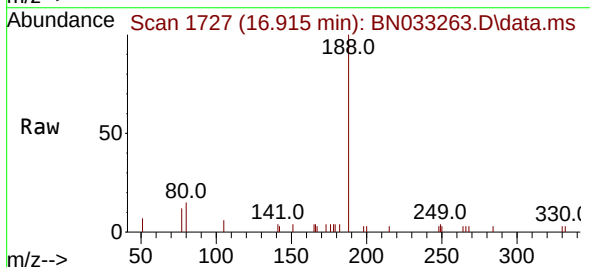
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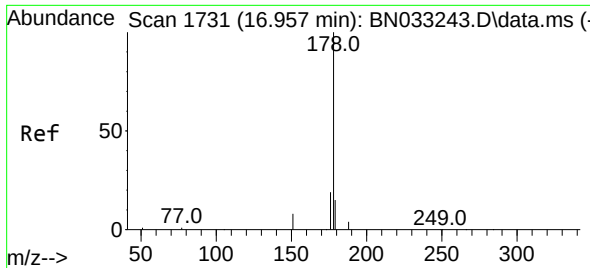
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.915 min Scan# 1727
Delta R.T. -0.005 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

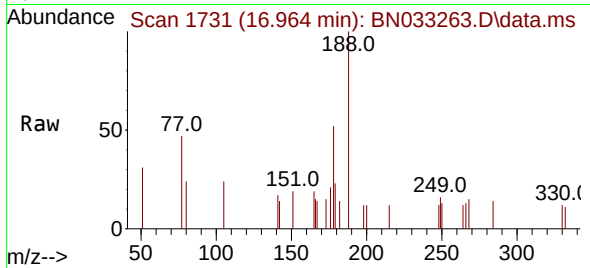
Tgt Ion:188 Resp: 5104
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 10.2 15.4





#25
Phenanthrene
Concen: 0.032 ng
RT: 16.964 min Scan# 1731
Delta R.T. 0.007 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

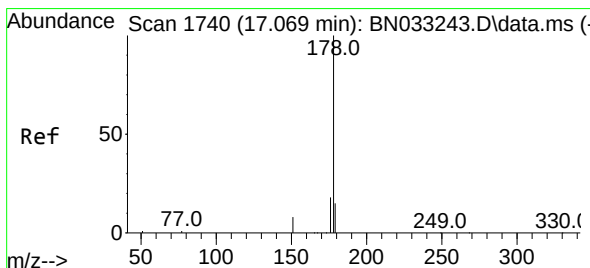
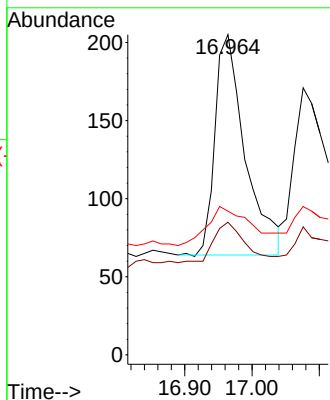
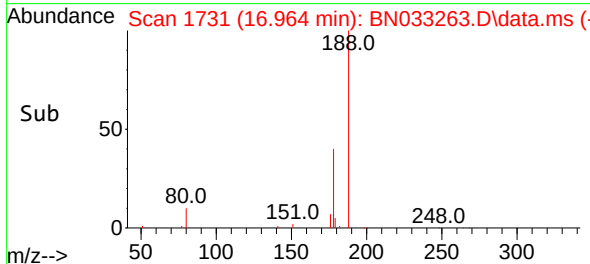
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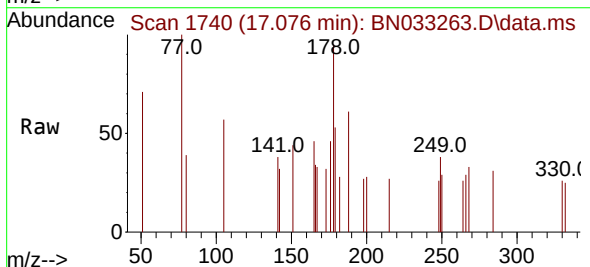
Tgt Ion:178 Resp: 440
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 24.5 12.4 18.6

Manual Integrations
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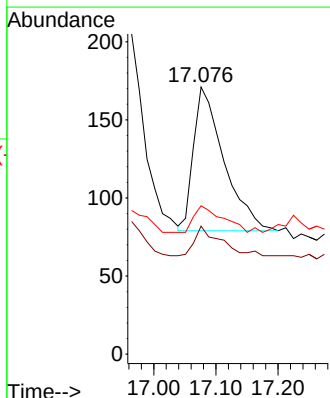
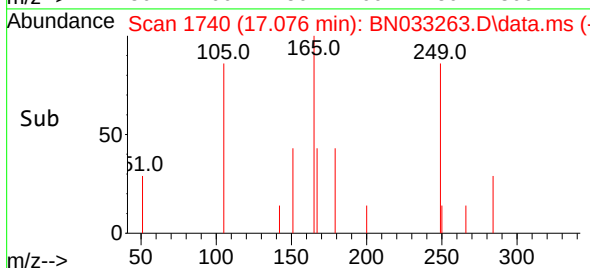
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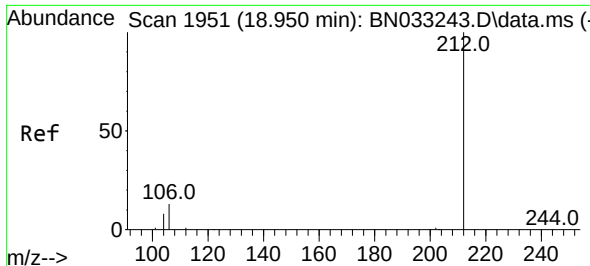


#26
Anthracene
Concen: 0.027 ng
RT: 17.076 min Scan# 1740
Delta R.T. 0.007 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45



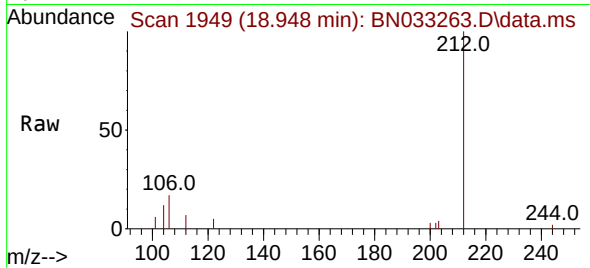
Tgt Ion:178 Resp: 314
Ion Ratio Lower Upper
178 100
176 17.2 10.5 15.7#
179 17.8 8.6 12.8#





#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 18.948 min Scan# 1949
Delta R.T. -0.002 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

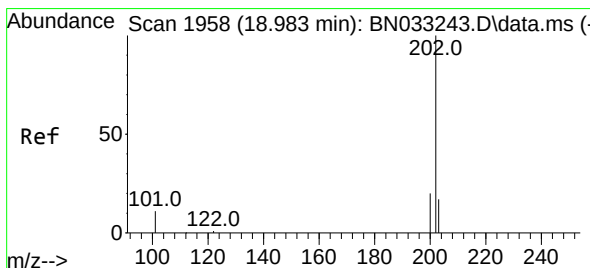
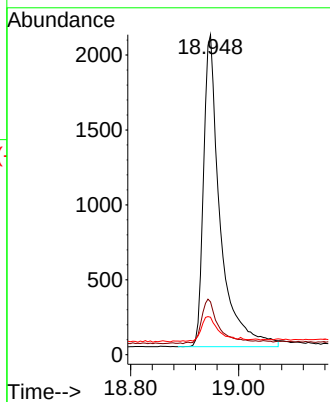
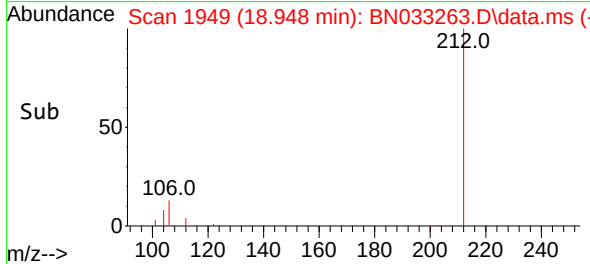
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932-K1-WS-080224



Tgt Ion:212 Resp: 444
Ion Ratio Lower Upper
212 100
106 14.5 11.4 17.0
104 8.1 7.1 10.7

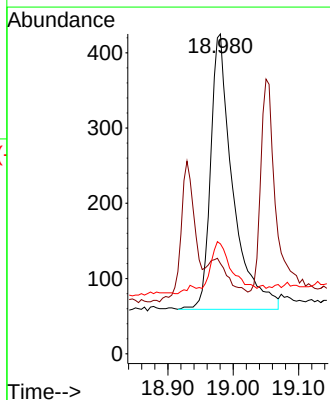
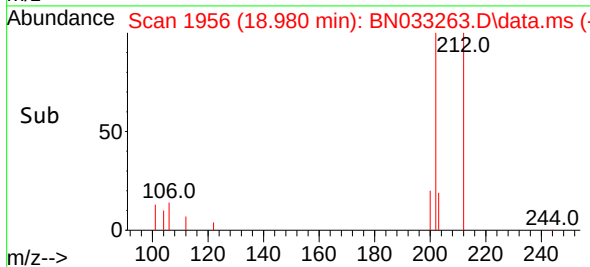
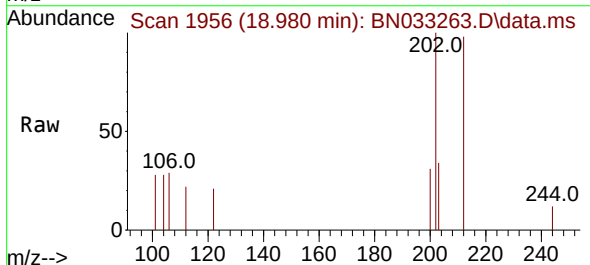
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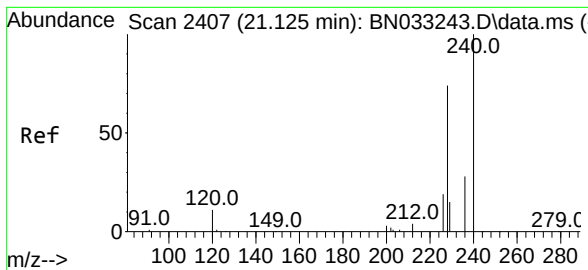
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#28
Fluoranthene
Concen: 0.046 ng
RT: 18.980 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

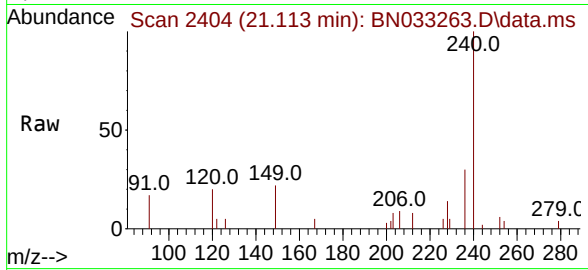
Tgt Ion:202 Resp: 863
Ion Ratio Lower Upper
202 100
101 10.9 8.6 13.0
203 15.4 13.8 20.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.113 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

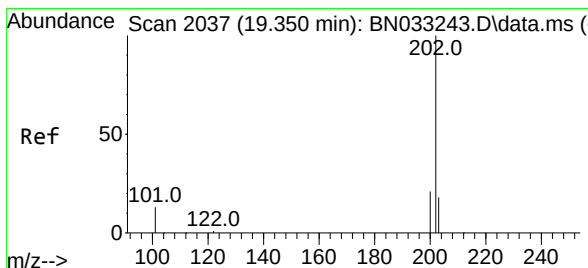
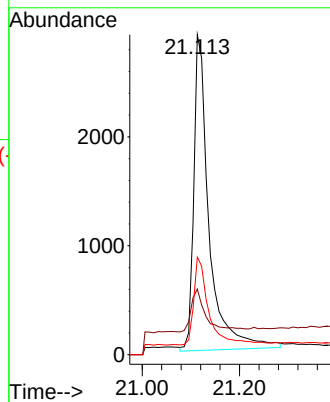
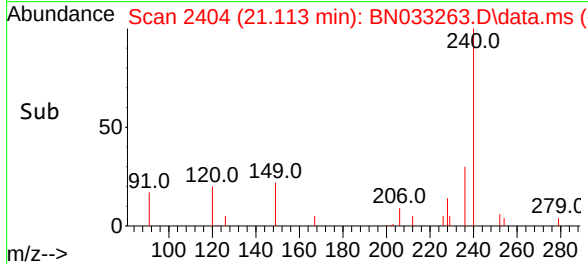
Instrument :
BNA_N
ClientSampleId :
932-K1-WS-080224



Tgt Ion:240 Resp: 6330
Ion Ratio Lower Upper
240 100
120 20.5 13.3 19.9
236 30.5 23.8 35.6

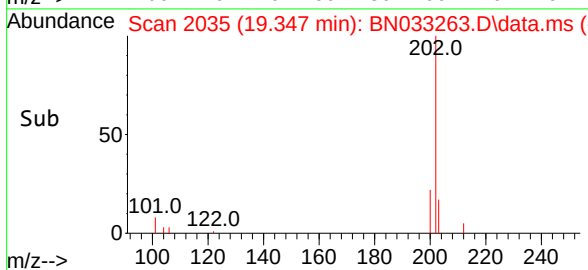
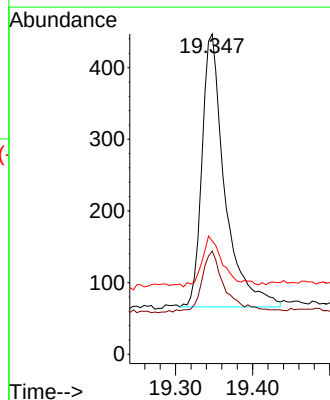
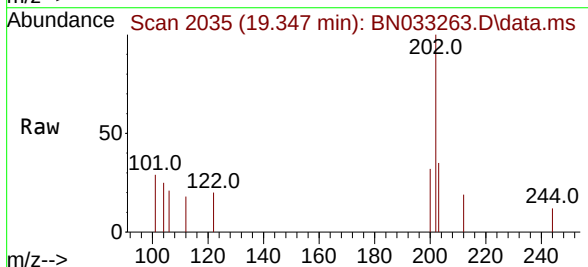
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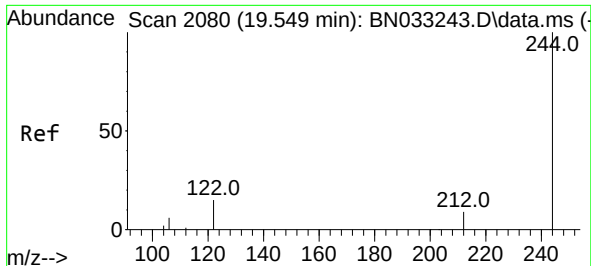
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#30
Pyrene
Concen: 0.035 ng
RT: 19.347 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

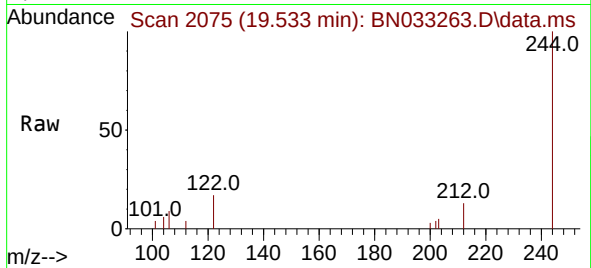
Tgt Ion:202 Resp: 783
Ion Ratio Lower Upper
202 100
200 24.0 17.0 25.4
203 16.3 14.4 21.6





#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.533 min Scan# 2080
 Delta R.T. -0.016 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

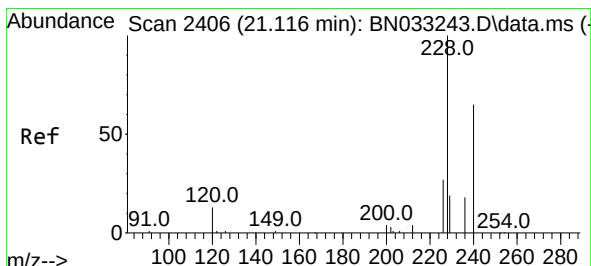
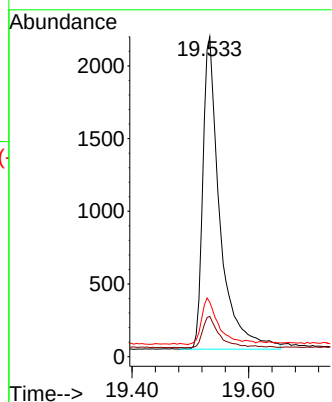
Instrument :
 BNA_N
 ClientSampleId :
 932-K1-WS-080224



Tgt Ion:244 Resp: 4380
 Ion Ratio Lower Upper
 244 100
 212 12.6 9.9 14.9
 122 17.0 14.1 21.1

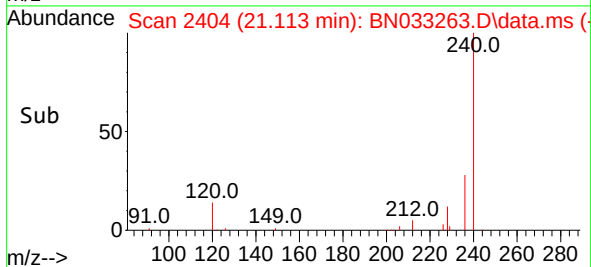
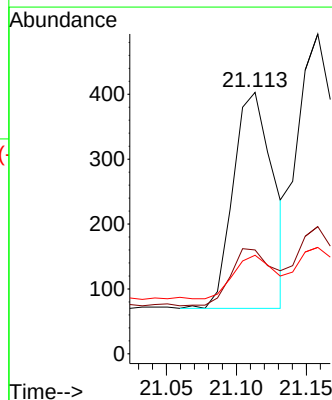
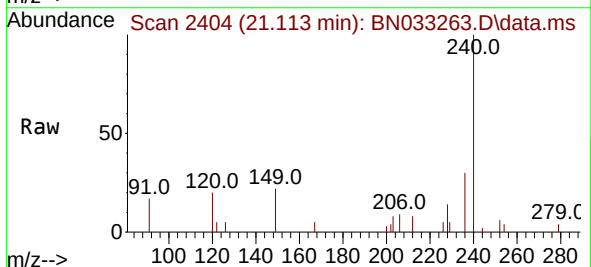
Manual Integrations
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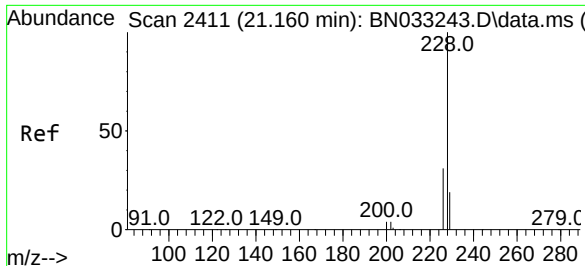
Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



#32
 Benzo(a)anthracene
 Concen: 0.036 ng
 RT: 21.113 min Scan# 2404
 Delta R.T. -0.003 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

Tgt Ion:228 Resp: 663
 Ion Ratio Lower Upper
 228 100
 226 39.7 22.4 33.6#
 229 37.7 16.6 25.0#





#33

Chrysene

Concen: 0.039 ng

RT: 21.158 min Scan# 2409

Delta R.T. -0.002 min

Lab File: BN033263.D

Acq: 06 Aug 2024 08:45

Instrument :

BNA_N

ClientSampleId :

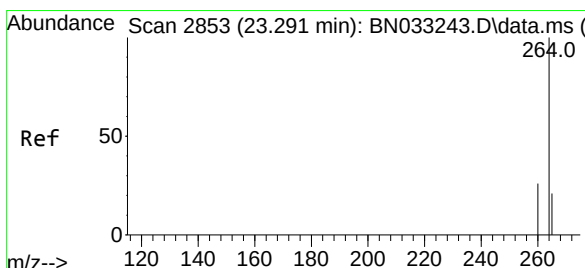
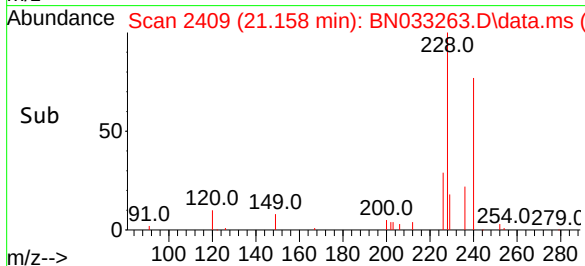
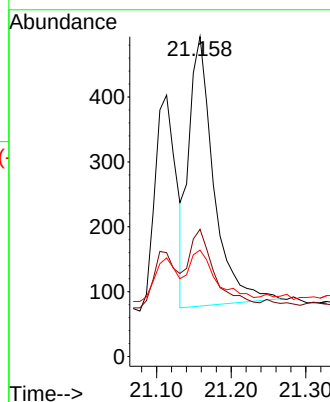
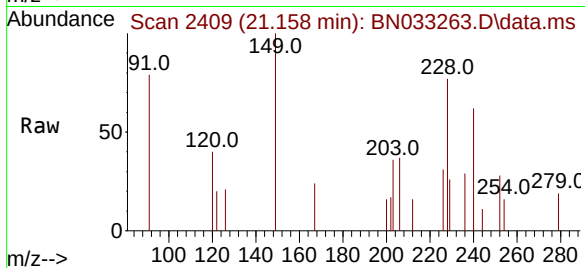
932-K1-WS-080224

Tgt Ion:	228	Resp:	95
Ion Ratio	Lower	Upper	
228	100		
226	39.8	25.1	37.7
229	33.3	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#35

Perylene-d12

Concen: 0.400 ng

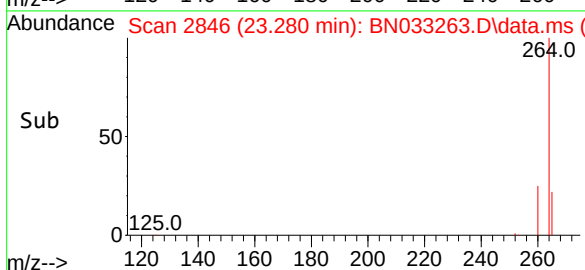
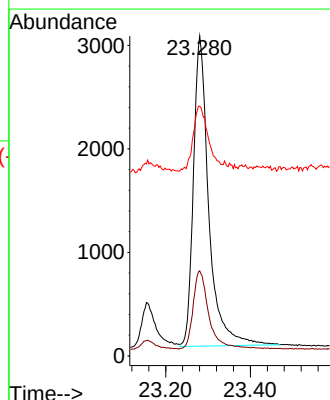
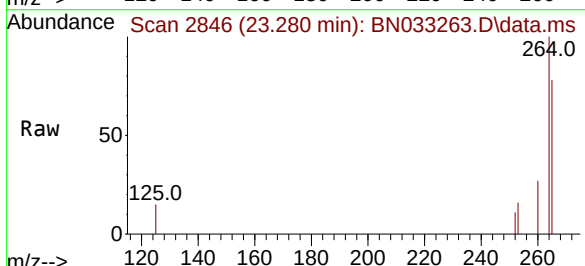
RT: 23.280 min Scan# 2846

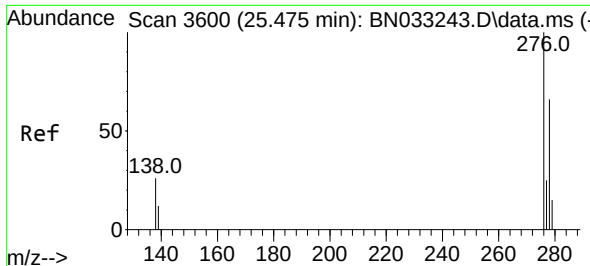
Delta R.T. -0.011 min

Lab File: BN033263.D

Acq: 06 Aug 2024 08:45

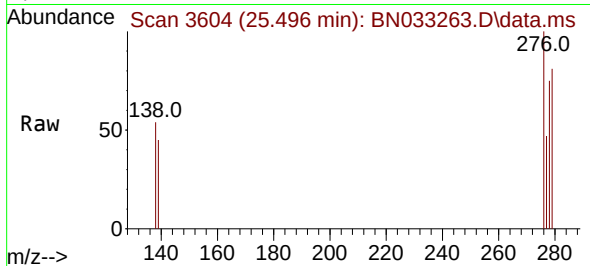
Tgt Ion:	264	Resp:	7554
Ion Ratio	Lower	Upper	
264	100		
260	26.6	21.4	32.2
265	78.1	66.6	99.8





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng
RT: 25.496 min Scan# 3604
Delta R.T. 0.021 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

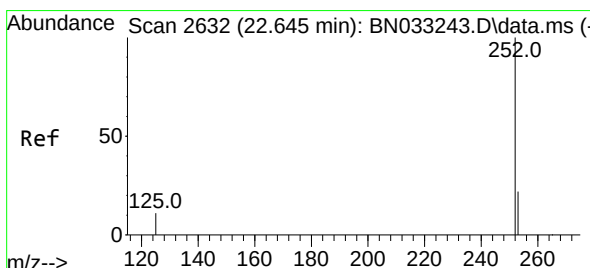
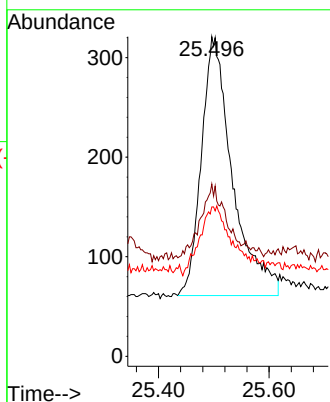
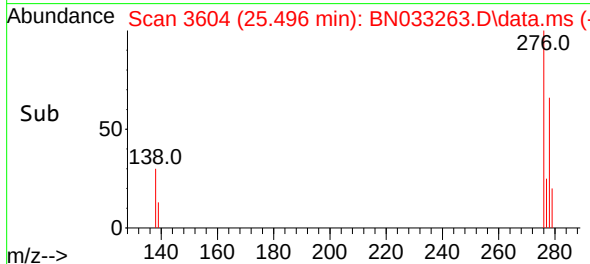
Instrument :
BNA_N
ClientSampleId :
932-K1-WS-080224



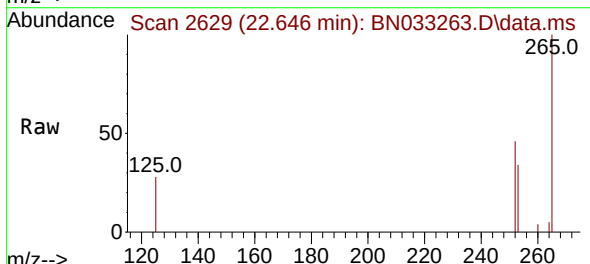
Tgt Ion:276 Resp: 101
Ion Ratio Lower Upper
276 100
138 22.7 20.4 30.6
277 27.2 19.9 29.9

Manual Integrations
APPROVED

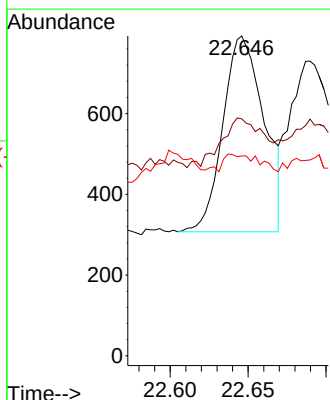
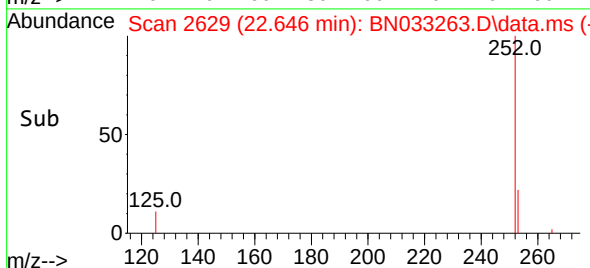
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

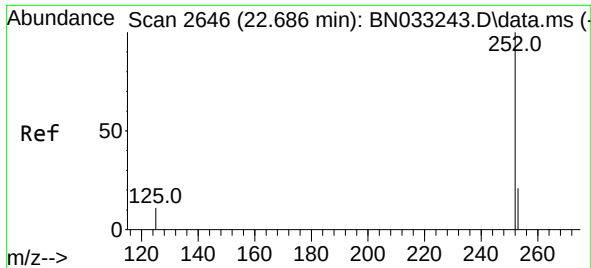


#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 22.646 min Scan# 2629
Delta R.T. 0.001 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45



Tgt Ion:252 Resp: 893
Ion Ratio Lower Upper
252 100
253 74.1 23.3 34.9#
125 62.5 14.6 22.0#





#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 22.690 min Scan# 2018
Delta R.T. 0.004 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

Instrument :

BNA_N

ClientSampleId :

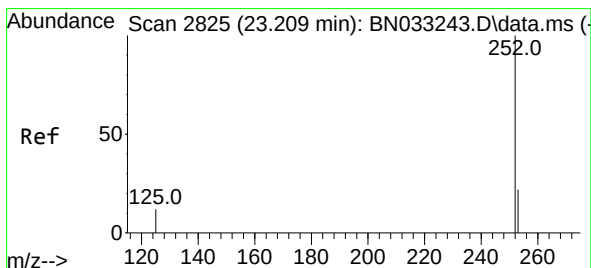
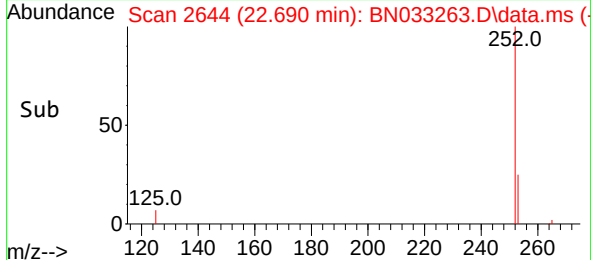
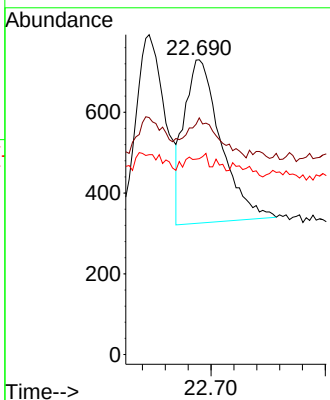
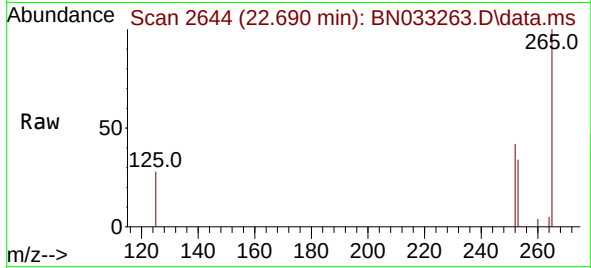
932-K1-WS-080224

Tgt Ion:252 Resp: 898
Ion Ratio Lower Upper
252 100
253 80.3 23.7 35.5
125 66.4 15.4 23.0

Manual Integrations

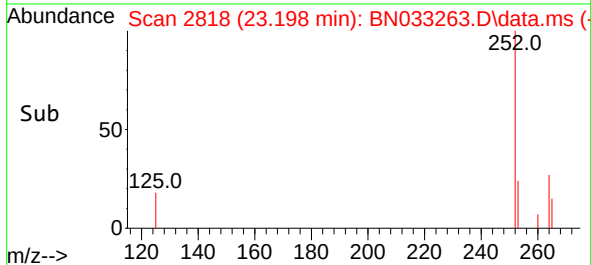
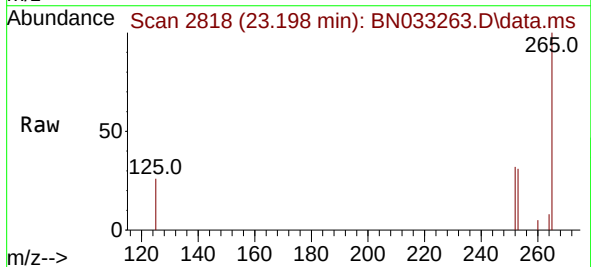
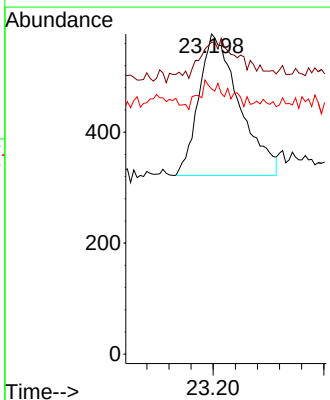
APPROVED

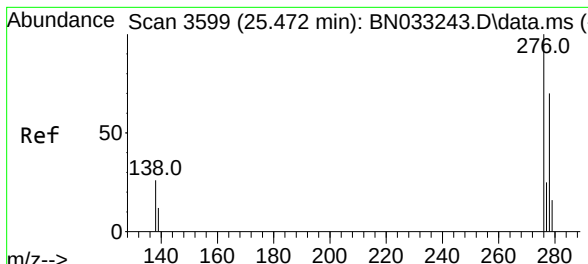
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#39
Benzo(a)pyrene
Concen: 0.028 ng
RT: 23.198 min Scan# 2818
Delta R.T. -0.011 min
Lab File: BN033263.D
Acq: 06 Aug 2024 08:45

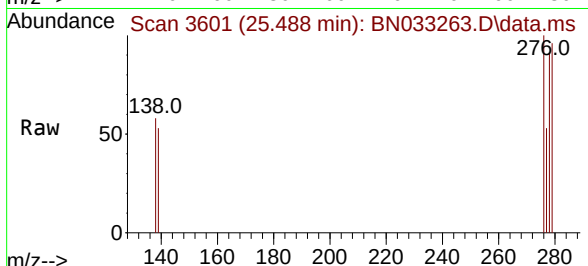
Tgt Ion:252 Resp: 650
Ion Ratio Lower Upper
252 100
253 97.4 28.4 42.6#
125 82.8 20.1 30.1#





#40
 Dibenzo(a,h)anthracene
 Concen: 0.029 ng
 RT: 25.488 min Scan# 3601
 Delta R.T. 0.016 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

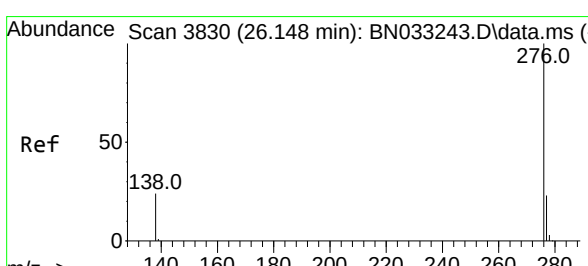
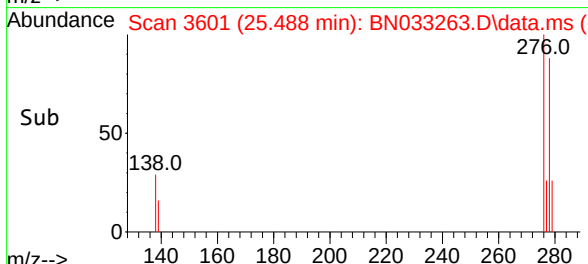
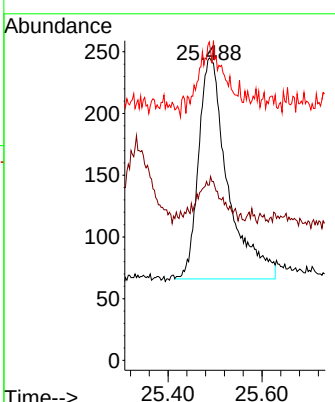
Instrument : BNA_N
 ClientSampleId : 932-K1-WS-080224



Tgt Ion: 278 Resp: 770

Ion	Ratio	Lower	Upper
278	100		
139	58.0	16.7	25.1
279	105.3	25.0	37.6

Manual Integrations
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 Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



#41
 Benzo(g,h,i)perylene
 Concen: 0.028 ng
 RT: 26.169 min Scan# 3834
 Delta R.T. 0.021 min
 Lab File: BN033263.D
 Acq: 06 Aug 2024 08:45

Tgt Ion: 276 Resp: 866

Ion	Ratio	Lower	Upper
276	100		
277	49.5	21.0	31.4
138	50.9	21.4	32.0

