

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033040.D
 Acq On : 27 Jul 2024 19:39
 Operator : MA/JU
 Sample : P3375-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-282-302-072524

Quant Time: Jul 29 01:07:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 07/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1467m	0.400	ng	0.05
7) Naphthalene-d8	10.404	136	6071m	0.400	ng	0.10
13) Acenaphthene-d10	14.201	164	4184	0.400	ng	0.02
19) Phenanthrene-d10	16.970	188	9188	0.400	ng	0.02
29) Chrysene-d12	21.169	240	8816	0.400	ng	0.00
35) Perylene-d12	23.361	264	9362	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.249	112	696m	0.188	ng	0.07
5) Phenol-d6	7.221	99	555m	0.120	ng	0.44
8) Nitrobenzene-d5	9.016	82	1102m	0.241	ng	0.28
11) 2-Methylnaphthalene-d10	11.995	152	2900m	0.312	ng	0.08
14) 2,4,6-Tribromophenol	15.753	330	495	0.277	ng	0.03
15) 2-Fluorobiphenyl	12.854	172	4221m	0.271	ng	0.04
27) Fluoranthene-d10	18.992	212	9894	0.416	ng	0.00
31) Terphenyl-d14	19.582	244	8639	0.478	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	386	0.212	ng	# 55
32) Benzo(a)anthracene	21.169	228	603m	0.022	ng	
33) Chrysene	21.205	228	1333m	0.040	ng	
36) Indeno(1,2,3-cd)pyrene	25.642	276	1290m	0.035	ng	
41) Benzo(g,h,i)perylene	26.300	276	1036m	0.032	ng	

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

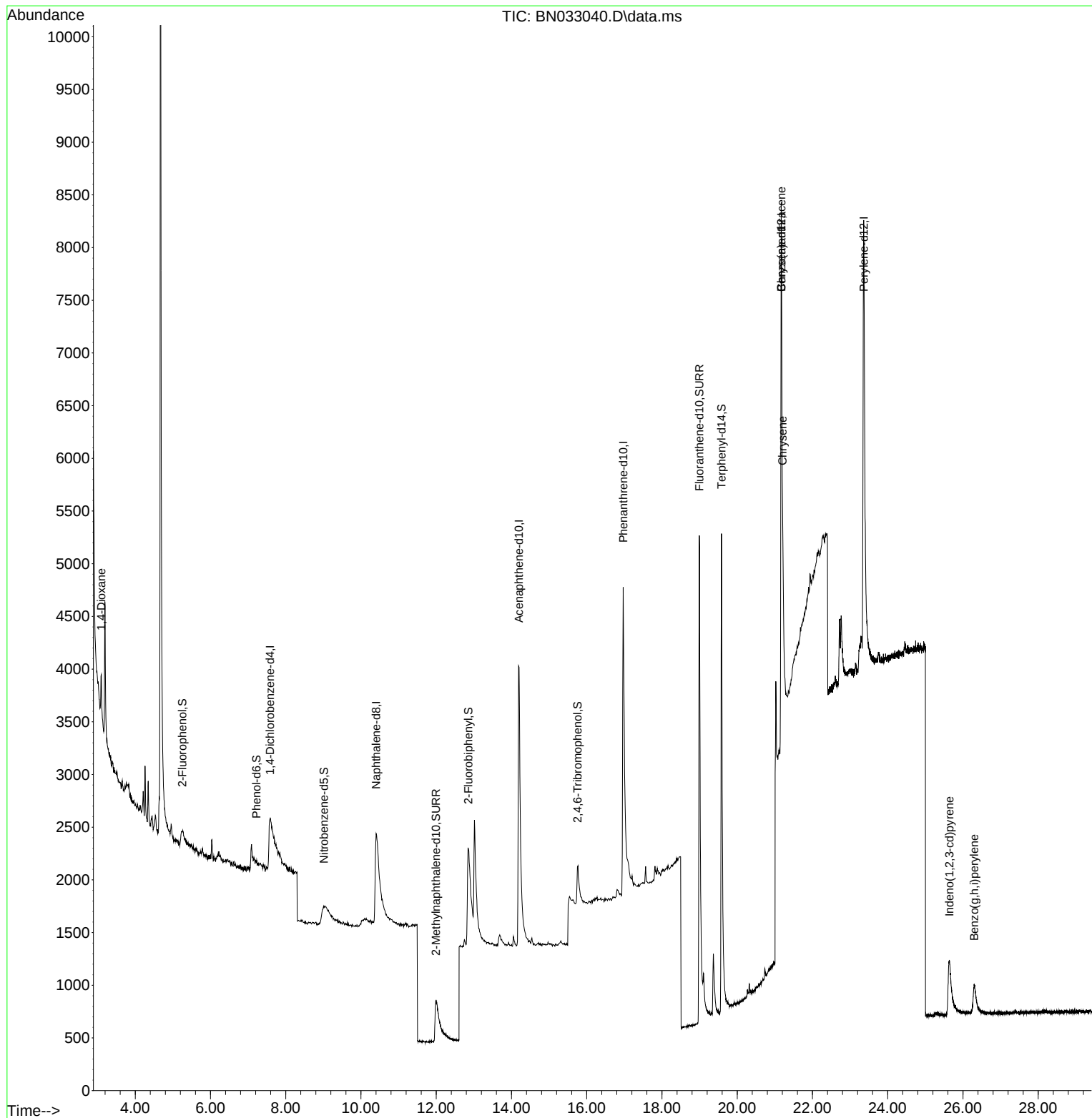
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033040.D
Acq On : 27 Jul 2024 19:39
Operator : MA/JU
Sample : P3375-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

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BNA_N
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GWBR-05-282-302-072524

Quant Time: Jul 29 01:07:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Manual Integrations
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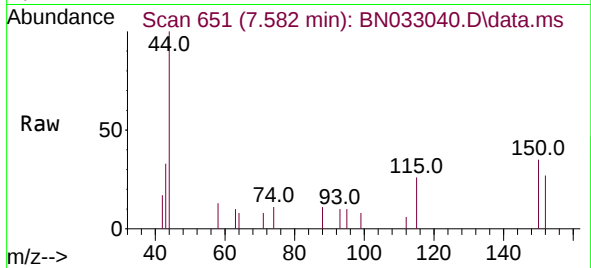
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.582 min Scan# 61
 Delta R.T. 0.051 min
 Lab File: BN033040.D
 Acq: 27 Jul 2024 19:39

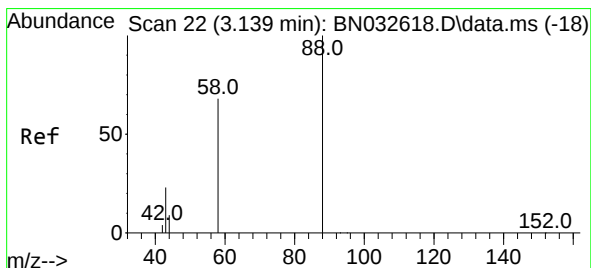
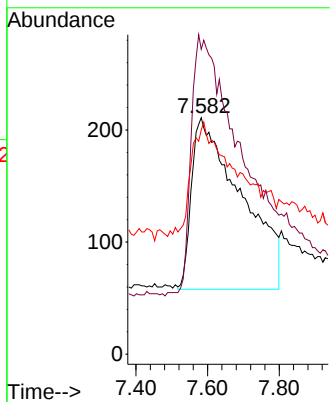
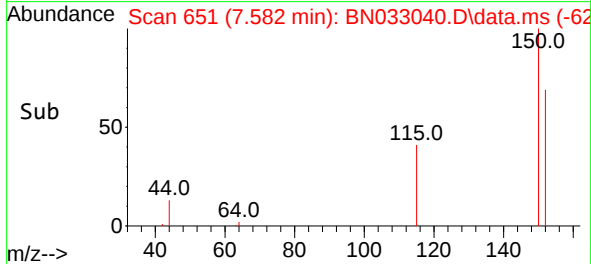
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-282-302-072524



Tgt Ion: 152 Resp: 146
 Ion Ratio Lower Upper
 152 100
 150 128.9 123.8 185.6
 115 94.8 52.8 79.2

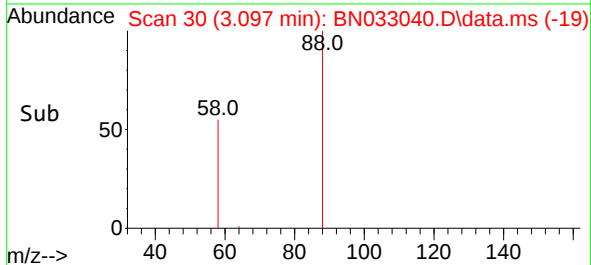
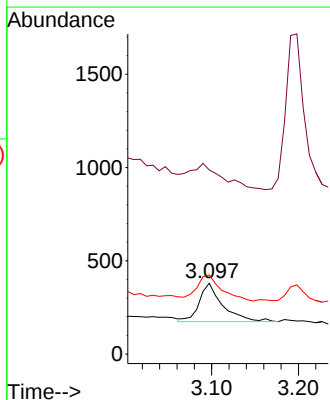
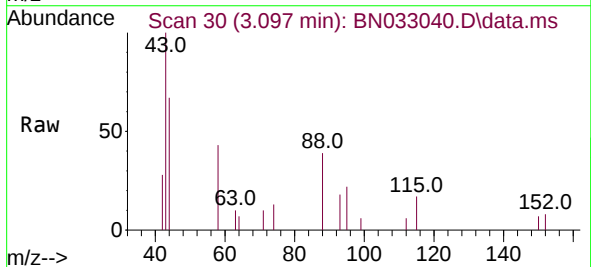
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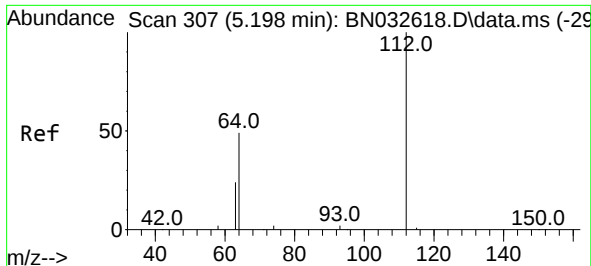
Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 07/30/2024



#2
 1,4-Dioxane
 Concen: 0.212 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BN033040.D
 Acq: 27 Jul 2024 19:39

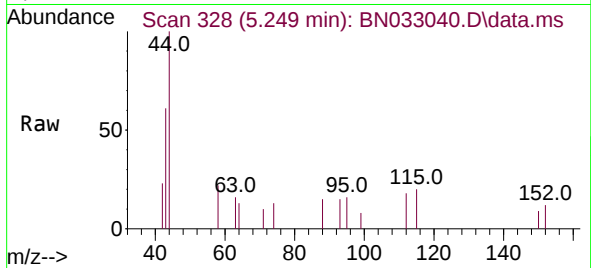
Tgt Ion: 88 Resp: 386
 Ion Ratio Lower Upper
 88 100
 43 87.0 18.4 27.6
 58 70.7 49.2 73.8





#4
2-Fluorophenol
Concen: 0.188 ng m
RT: 5.249 min Scan# 31
Delta R.T. 0.073 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

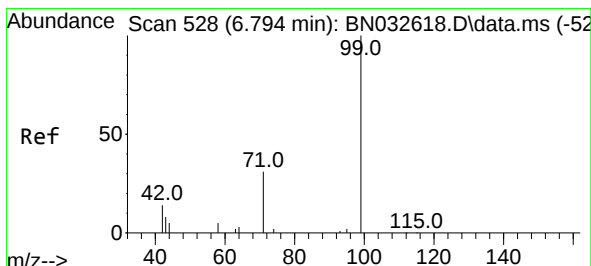
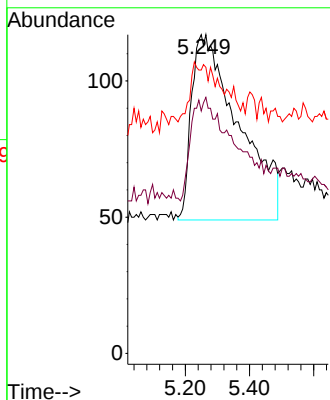
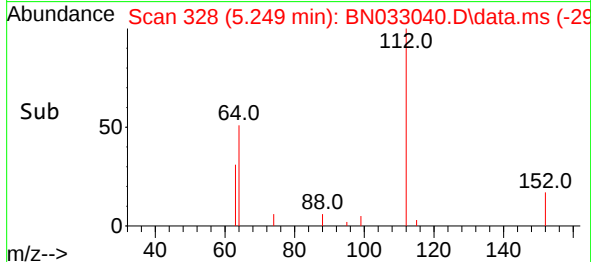
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524



Tgt Ion: 112 Resp: 690
Ion Ratio Lower Upper
112 100
64 13.2 40.2 60.4#
63 0.0 22.2 33.4#

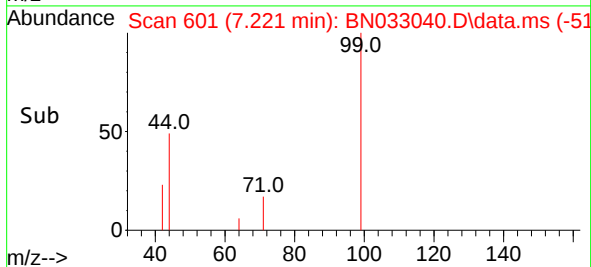
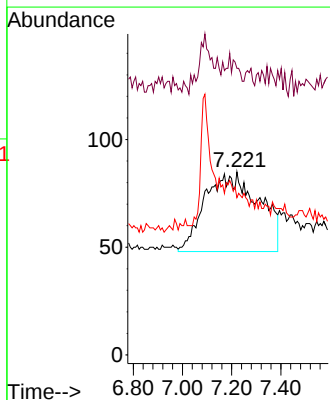
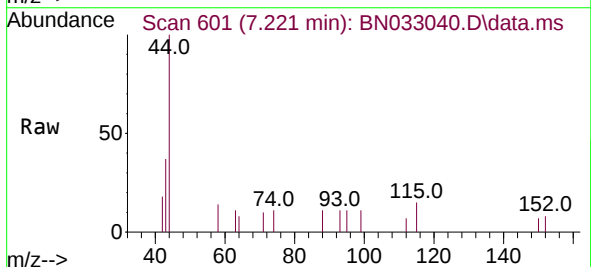
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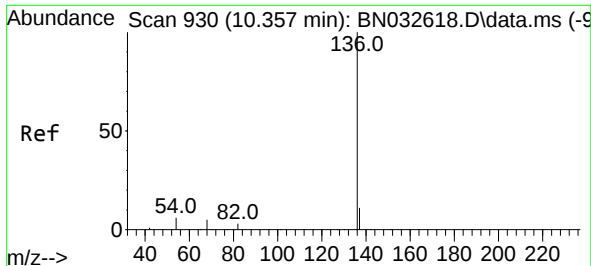
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#5
Phenol-d6
Concen: 0.120 ng m
RT: 7.221 min Scan# 601
Delta R.T. 0.442 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

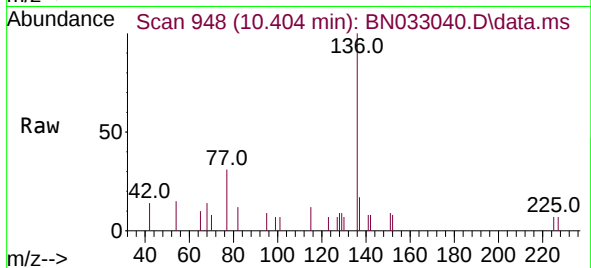
Tgt Ion: 99 Resp: 555
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 0.2 22.3 33.5#





#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.404 min Scan# 94
Delta R.T. 0.101 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

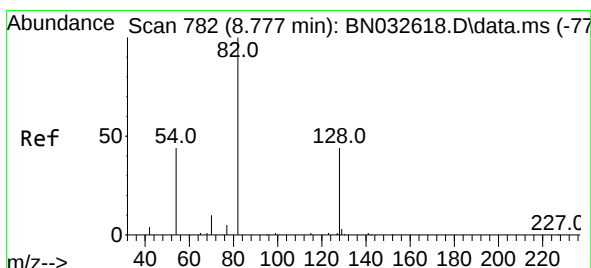
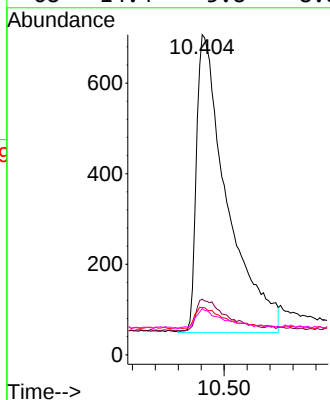
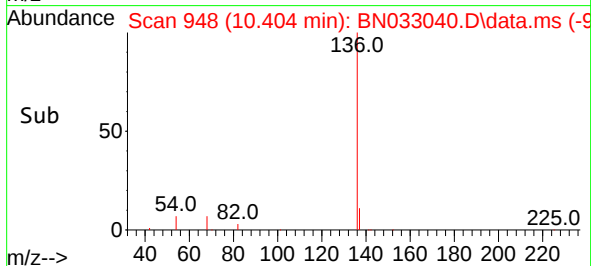
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524



Tgt Ion: 136 Resp: 607
Ion Ratio Lower Upper
136 100
137 17.4 9.9 14.9
54 14.7 6.5 9.7
68 14.4 5.8 8.8

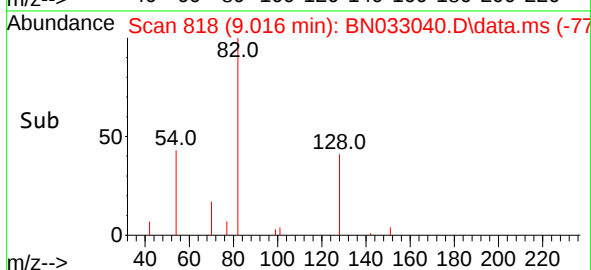
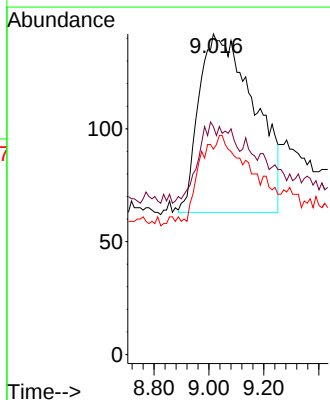
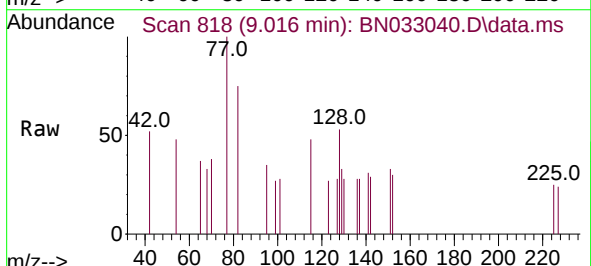
Manual Integrations
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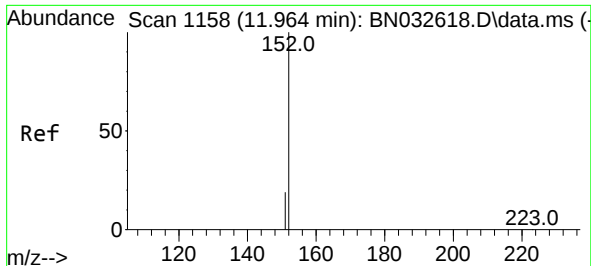
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#8
Nitrobenzene-d5
Concen: 0.241 ng m
RT: 9.016 min Scan# 818
Delta R.T. 0.282 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

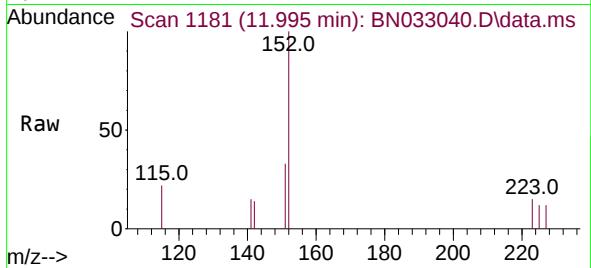
Tgt Ion: 82 Resp: 1102
Ion Ratio Lower Upper
82 100
128 71.1 41.7 62.5#
54 64.1 39.5 59.3#





#11
2-Methylnaphthalene-d10
Concen: 0.312 ng m
RT: 11.995 min Scan# 1158
Delta R.T. 0.081 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

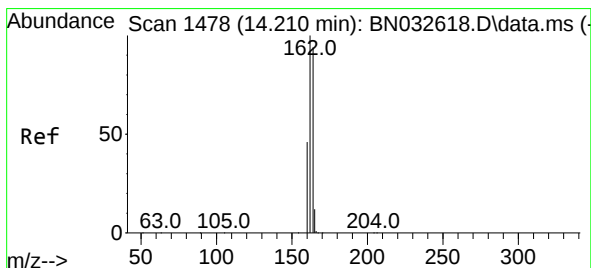
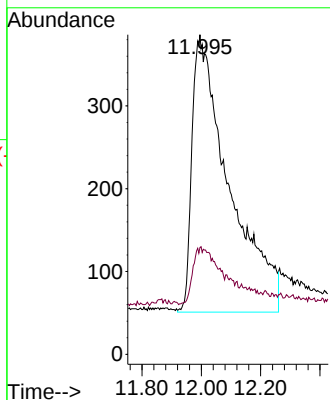
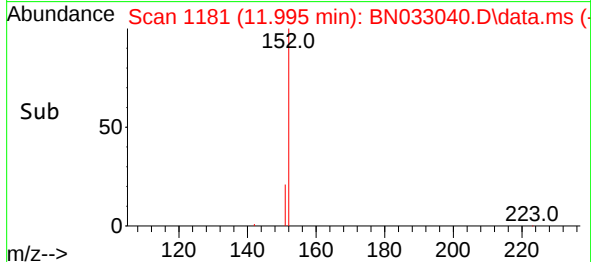
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524



Tgt Ion:152 Resp: 2900
Ion Ratio Lower Upper
152 100
151 3.7 16.2 24.2

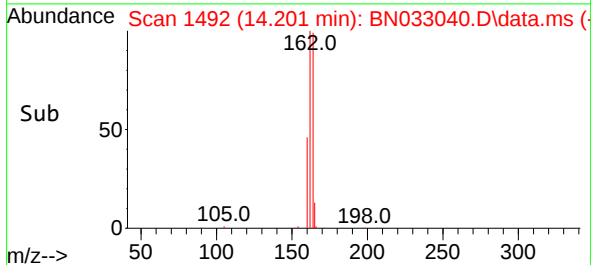
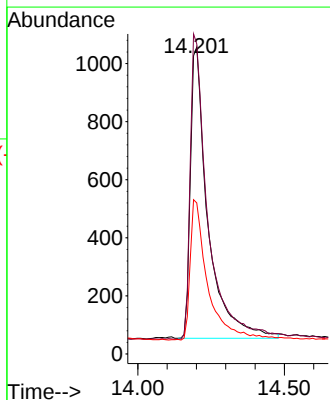
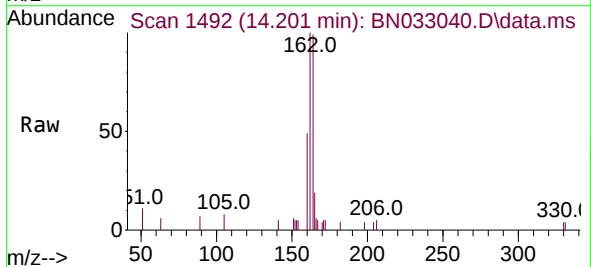
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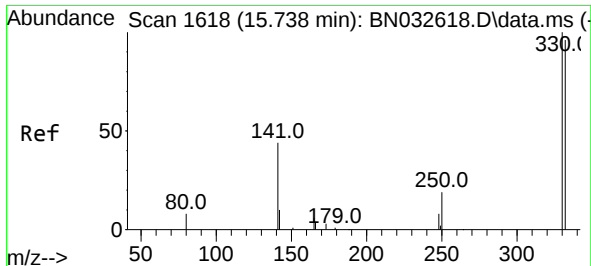
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.201 min Scan# 1492
Delta R.T. 0.023 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

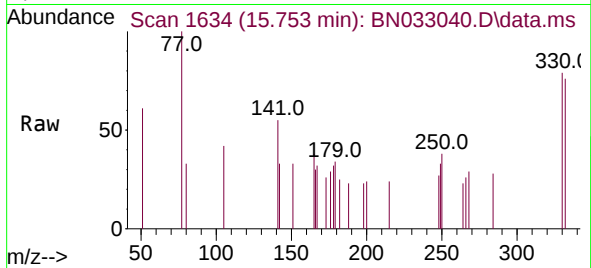
Tgt Ion:164 Resp: 4184
Ion Ratio Lower Upper
164 100
162 101.0 85.0 127.4
160 49.2 39.4 59.2





#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 15.753 min Scan# 1634
Delta R.T. 0.028 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

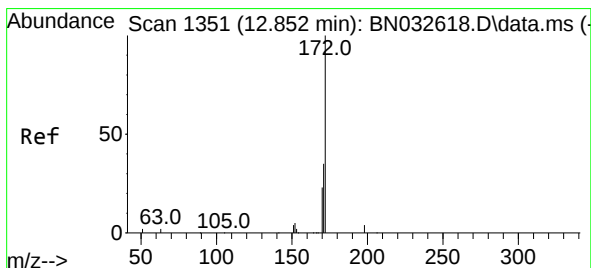
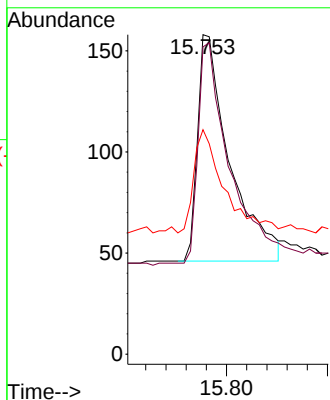
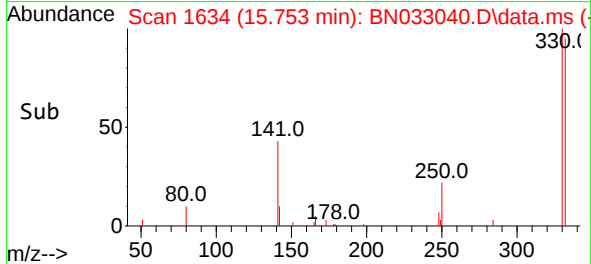
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524



Tgt Ion:330 Resp: 495
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 40.6 34.2 51.2

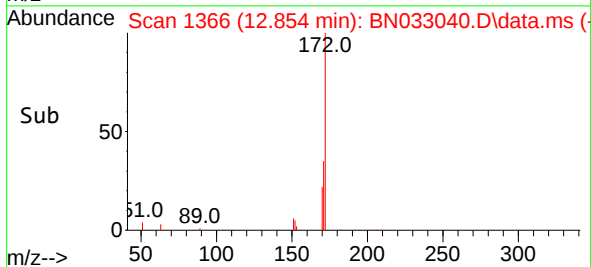
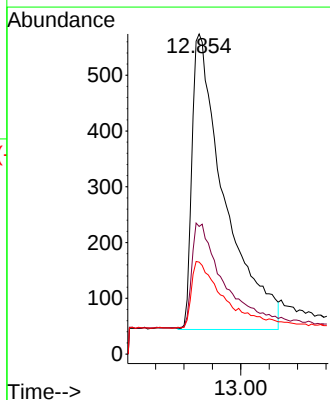
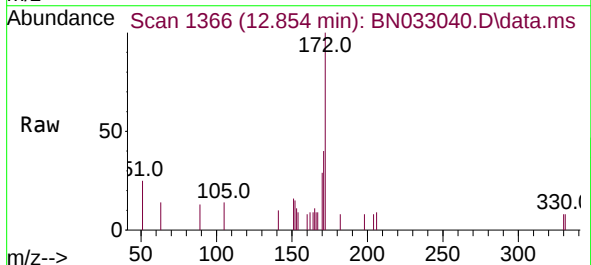
Manual Integrations
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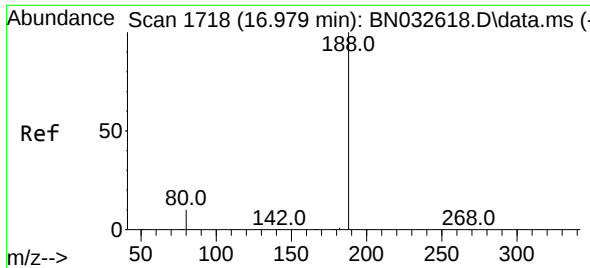
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#15
2-Fluorobiphenyl
Concen: 0.271 ng m
RT: 12.854 min Scan# 1366
Delta R.T. 0.044 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

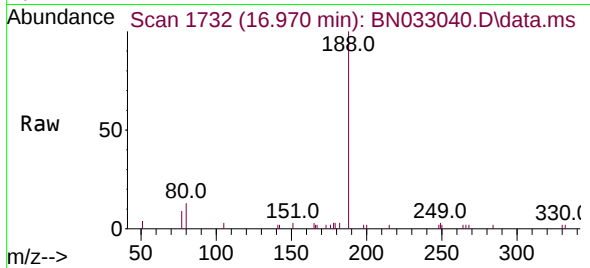
Tgt Ion:172 Resp: 4221
Ion Ratio Lower Upper
172 100
171 39.9 28.6 43.0
170 28.7 19.0 28.6#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 11
Delta R.T. 0.016 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

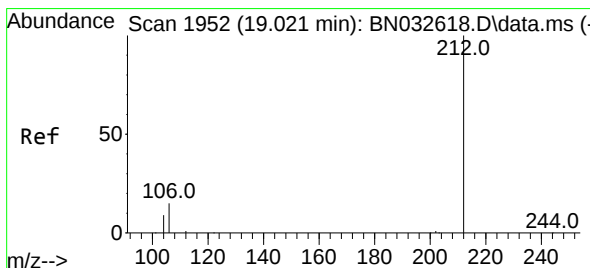
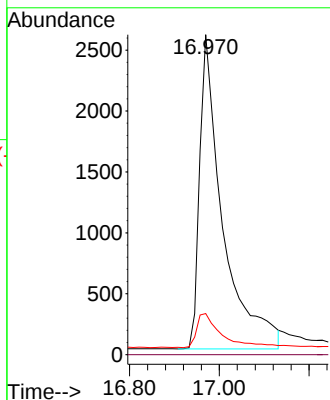
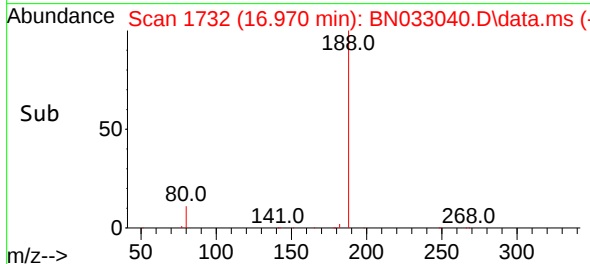
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BNA_N
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GWBR-05-282-302-072524



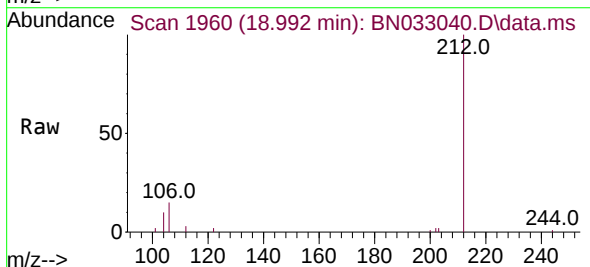
Tgt Ion:188 Resp: 9188
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 8.8 13.2

Manual Integrations
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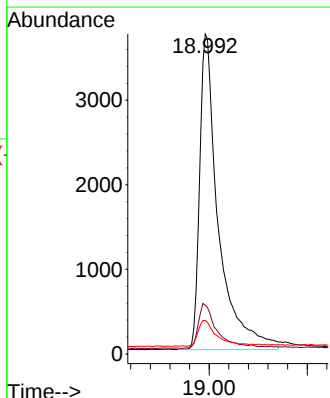
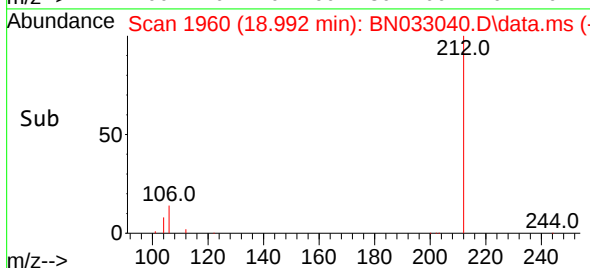
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

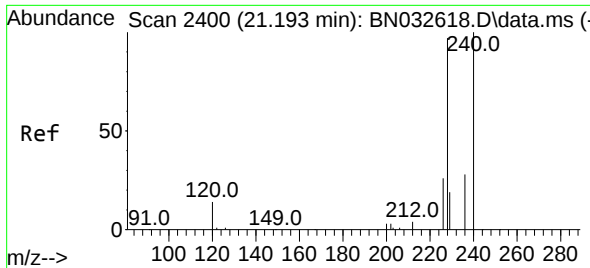


#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 18.992 min Scan# 1960
Delta R.T. -0.001 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39



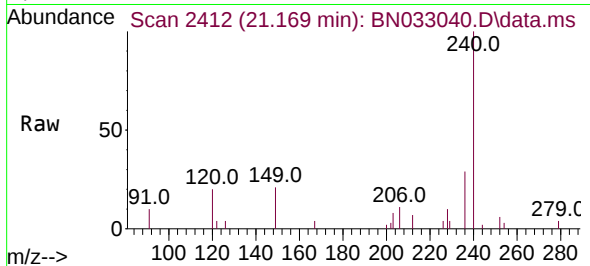
Tgt Ion:212 Resp: 9894
Ion Ratio Lower Upper
212 100
106 13.7 11.9 17.9
104 8.3 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.169 min Scan# 2412
Delta R.T. 0.003 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

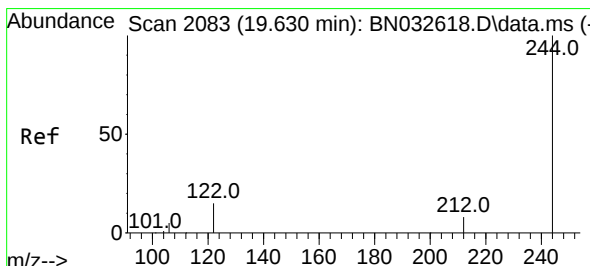
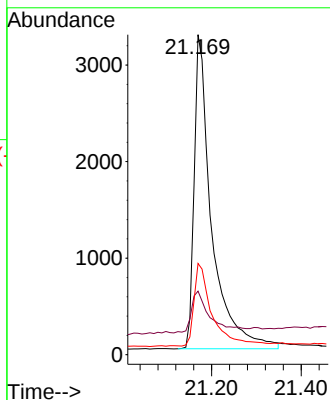
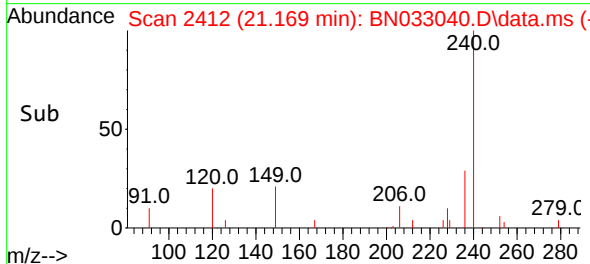
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524



Tgt Ion:240 Resp: 8810
Ion Ratio Lower Upper
240 100
120 19.9 14.8 22.2
236 28.5 23.3 34.9

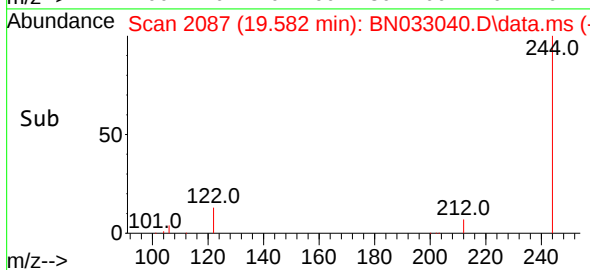
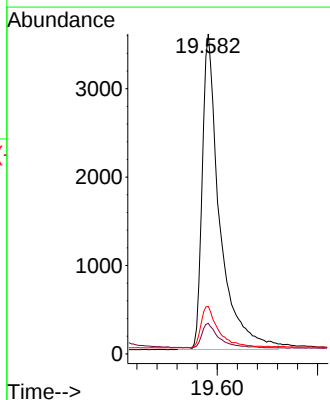
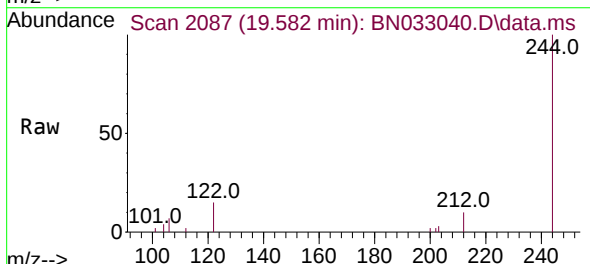
Manual Integrations
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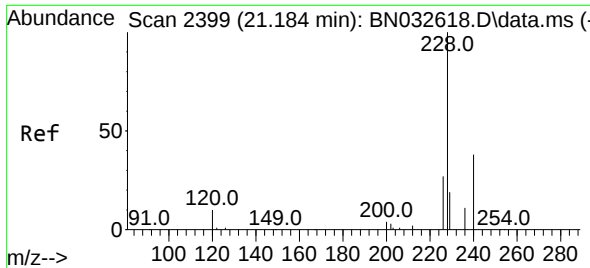
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#31
Terphenyl-d14
Concen: 0.478 ng
RT: 19.582 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

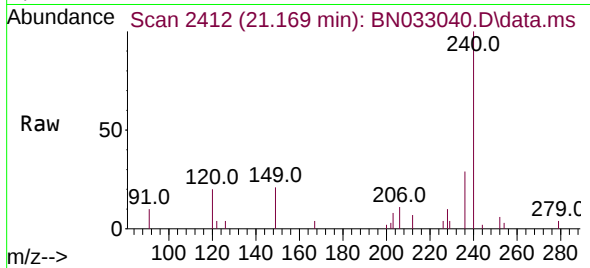
Tgt Ion:244 Resp: 8639
Ion Ratio Lower Upper
244 100
212 9.5 7.5 11.3
122 14.9 12.6 19.0





#32
Benzo(a)anthracene
Concen: 0.022 ng m
RT: 21.169 min Scan# 2412
Delta R.T. 0.021 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

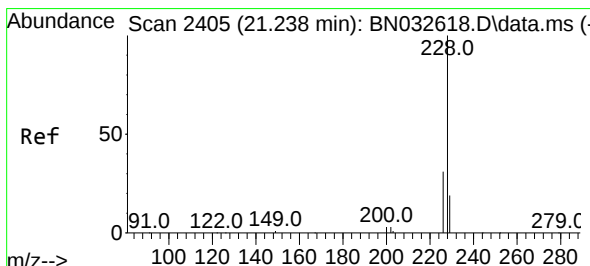
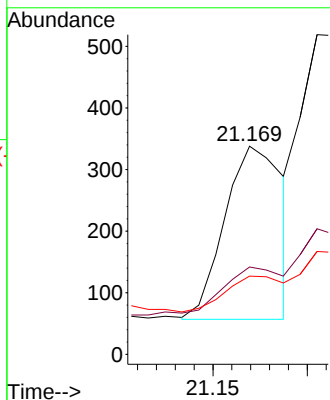
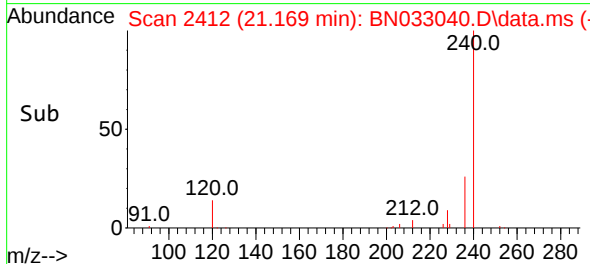
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524



Tgt Ion:228 Resp: 600
Ion Ratio Lower Upper
228 100
226 42.0 21.8 32.6
229 37.6 16.0 24.0

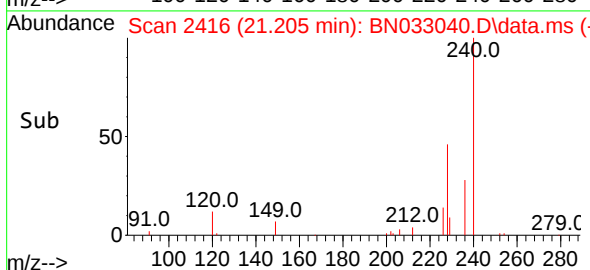
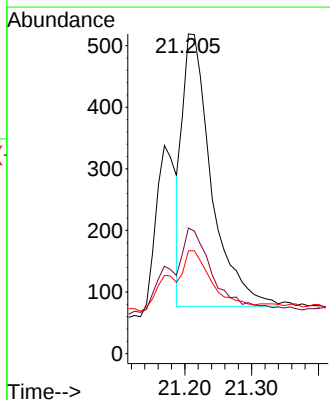
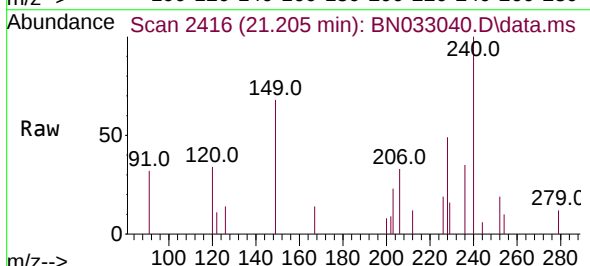
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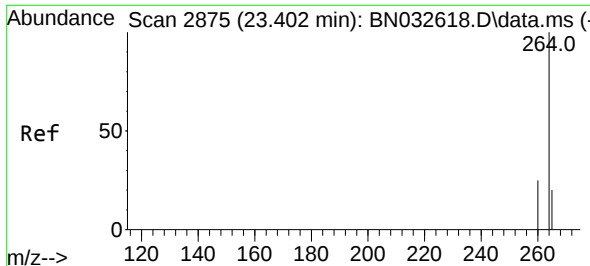
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#33
Chrysene
Concen: 0.040 ng m
RT: 21.205 min Scan# 2416
Delta R.T. 0.003 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

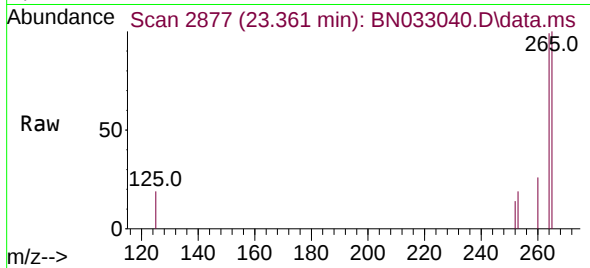
Tgt Ion:228 Resp: 1333
Ion Ratio Lower Upper
228 100
226 39.3 24.2 36.2#
229 32.2 16.0 24.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.361 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

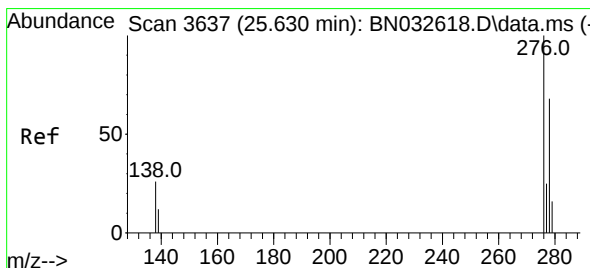
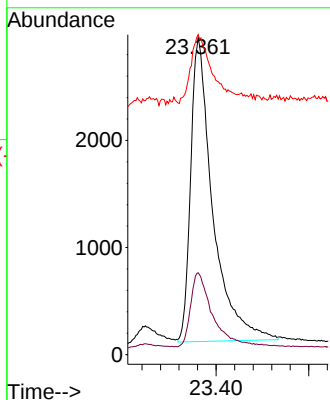
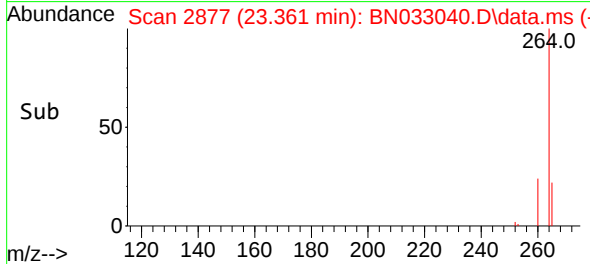
Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524



Tgt Ion:264 Resp: 936
Ion Ratio Lower Upper
264 100
260 25.8 20.9 31.3
265 100.8 85.4 128.2

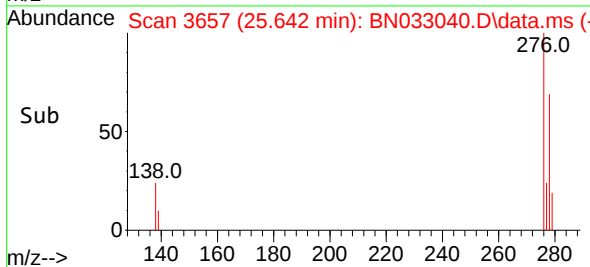
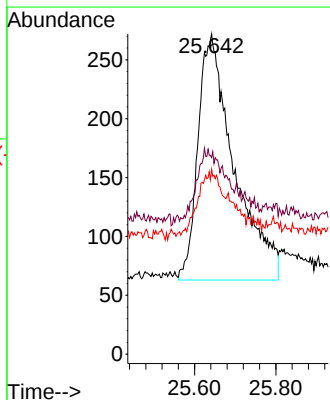
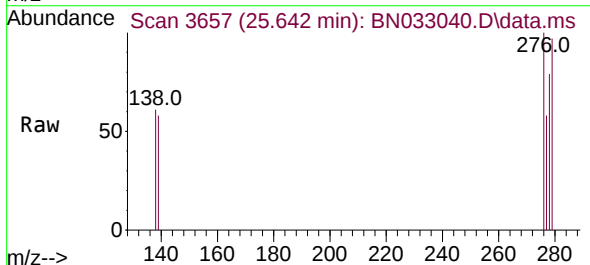
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APPROVED

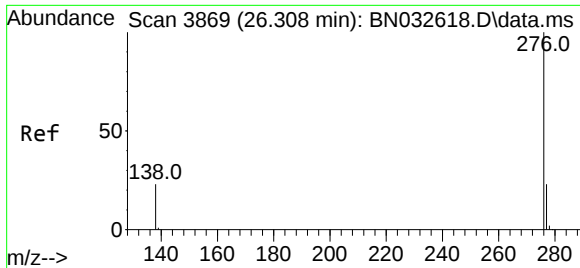
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng m
RT: 25.642 min Scan# 3657
Delta R.T. 0.073 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

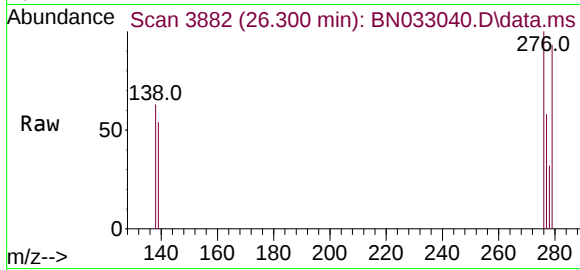
Tgt Ion:276 Resp: 1290
Ion Ratio Lower Upper
276 100
138 7.8 21.0 31.4#
277 9.1 19.5 29.3#





#41
Benzo(g,h,i)perylene
Concen: 0.032 ng m
RT: 26.300 min Scan# 3869
Delta R.T. 0.050 min
Lab File: BN033040.D
Acq: 27 Jul 2024 19:39

Instrument :
BNA_N
ClientSampleId :
GWBR-05-282-302-072524



Tgt Ion:276 Resp: 1030
Ion Ratio Lower Upper
276 100
277 58.0 20.2 30.2
138 62.8 20.5 30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

