

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033042.D
 Acq On : 27 Jul 2024 20:51
 Operator : MA/JU
 Sample : P3375-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-072524

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 01:08:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1537m	0.400	ng	0.05
7) Naphthalene-d8	10.372	136	5925m	0.400	ng	0.07
13) Acenaphthene-d10	14.190	164	4065	0.400	ng	0.01
19) Phenanthrene-d10	16.970	188	9060	0.400	ng	# 0.02
29) Chrysene-d12	21.178	240	8529	0.400	ng	0.01
35) Perylene-d12	23.361	264	9022	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	838m	0.216	ng	0.07
5) Phenol-d6	7.091	99	698m	0.145	ng	0.31
8) Nitrobenzene-d5	8.984	82	1625m	0.364	ng	0.25
11) 2-Methylnaphthalene-d10	11.954	152	2982	0.329	ng	0.04
14) 2,4,6-Tribromophenol	15.753	330	518	0.298	ng	0.03
15) 2-Fluorobiphenyl	12.822	172	4413	0.292	ng	0.01
27) Fluoranthene-d10	18.997	212	9966	0.425	ng	0.00
31) Terphenyl-d14	19.587	244	8586	0.491	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	311	0.163	ng	# 24
33) Chrysene	21.214	228	1256m	0.039	ng	
41) Benzo(g,h,i)perylene	26.308	276	886	0.028	ng	# 32

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

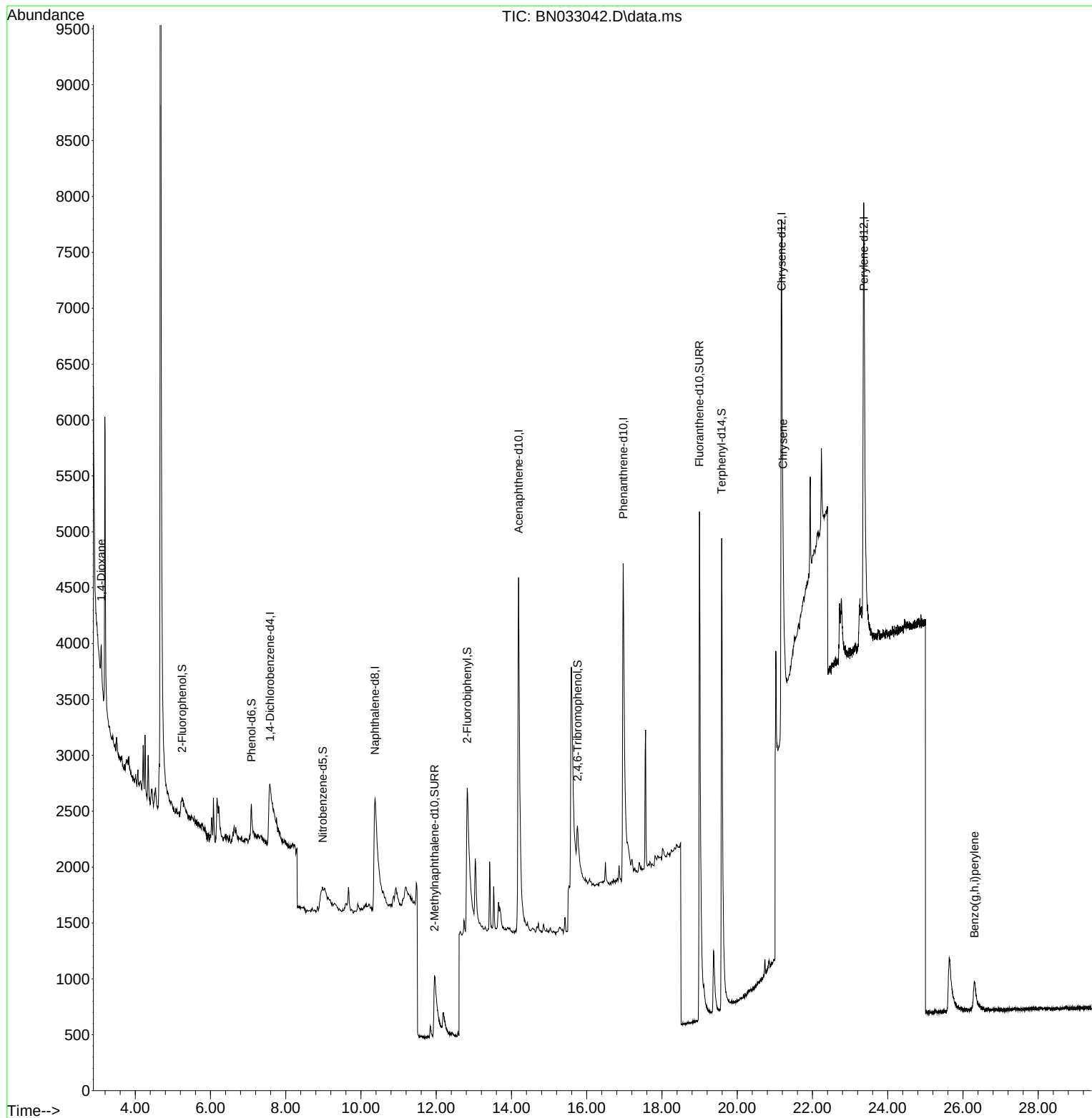
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033042.D
Acq On : 27 Jul 2024 20:51
Operator : MA/JU
Sample : P3375-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

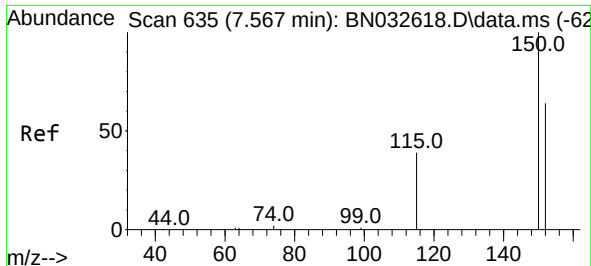
Instrument :
BNA_N
ClientSampleId :
EB-01-072524

Quant Time: Jul 29 01:08:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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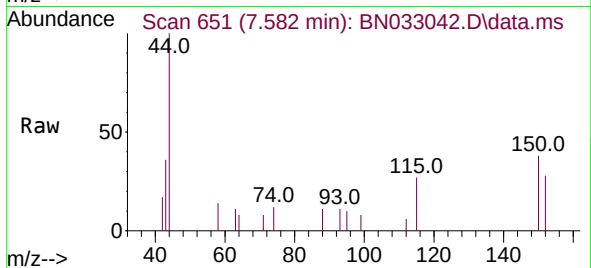
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1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.582 min Scan# 61
Delta R.T. 0.051 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Instrument :

BNA_N

ClientSampleId :

EB-01-072524

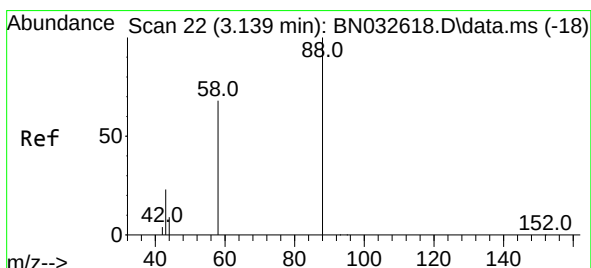
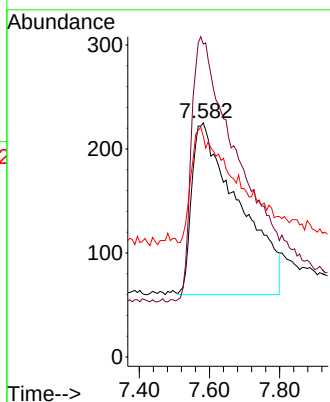
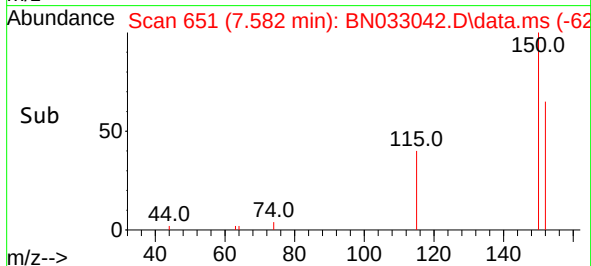


Tgt Ion: 152 Resp: 153
Ion Ratio Lower Upper
152 100
150 133.8 123.8 185.6
115 94.2 52.8 79.2

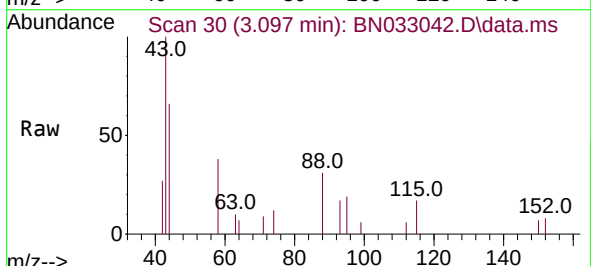
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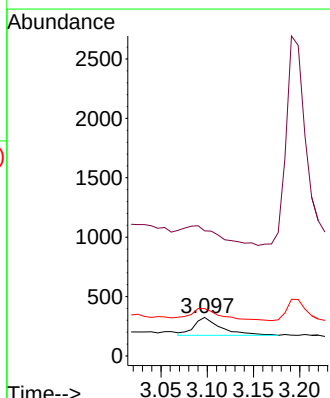
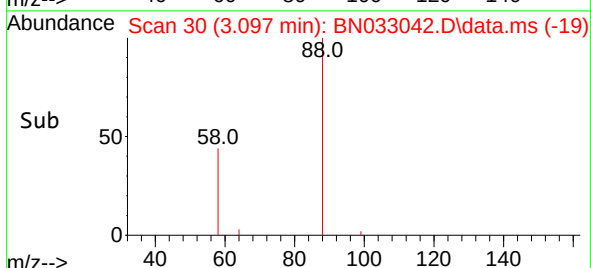
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

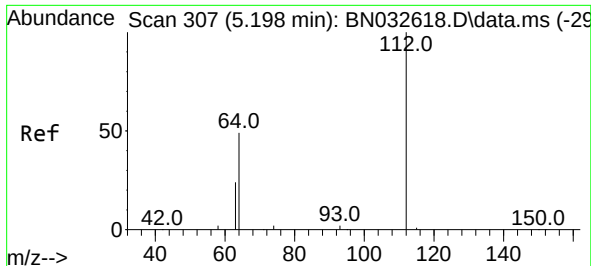


#2
1,4-Dioxane
Concen: 0.163 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.021 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51



Tgt Ion: 88 Resp: 311
Ion Ratio Lower Upper
88 100
43 133.8 18.4 27.6#
58 76.2 49.2 73.8#





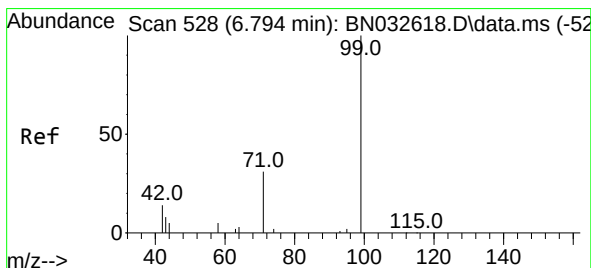
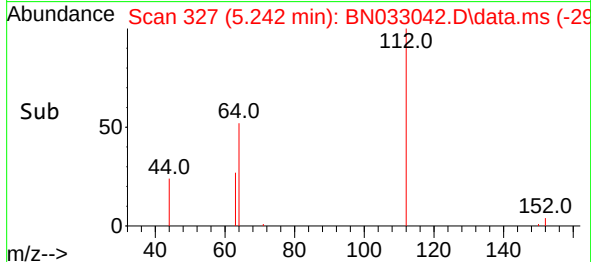
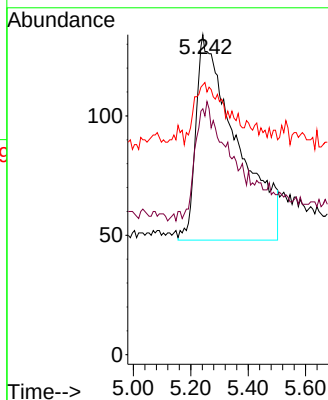
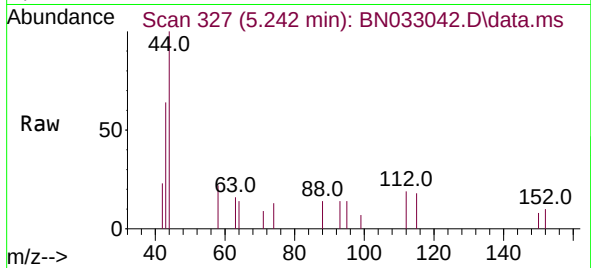
#4
2-Fluorophenol
Concen: 0.216 ng m
RT: 5.242 min Scan# 31
Delta R.T. 0.066 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Instrument :
BNA_N
ClientSampleId :
EB-01-072524

Tgt Ion: 112 Resp: 838
Ion Ratio Lower Upper
112 100
64 44.5 40.2 60.4
63 23.2 22.2 33.4

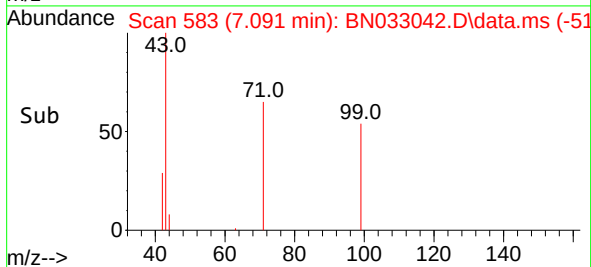
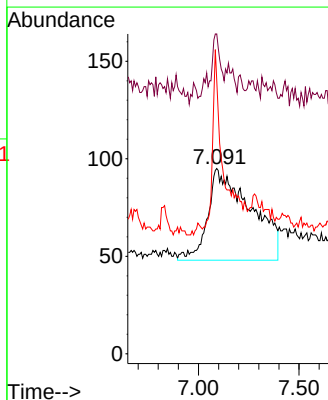
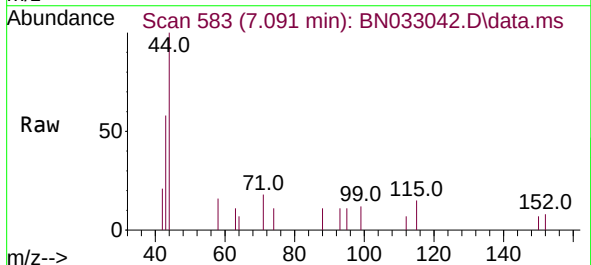
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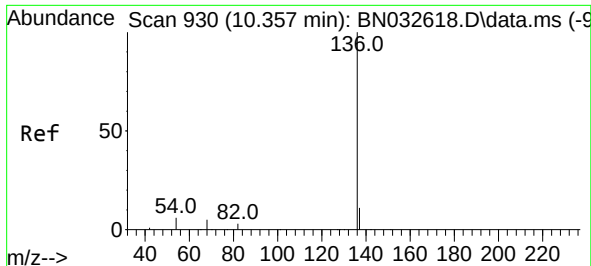
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#5
Phenol-d6
Concen: 0.145 ng m
RT: 7.091 min Scan# 583
Delta R.T. 0.312 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

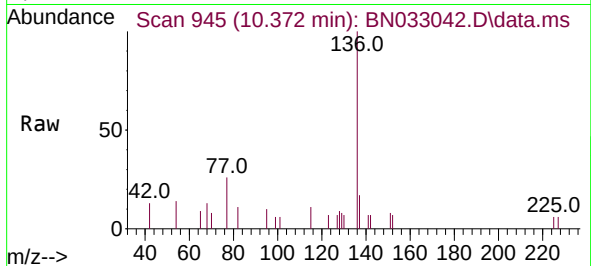
Tgt Ion: 99 Resp: 698
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 5.2 22.3 33.5#





#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.372 min Scan# 94
Delta R.T. 0.069 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

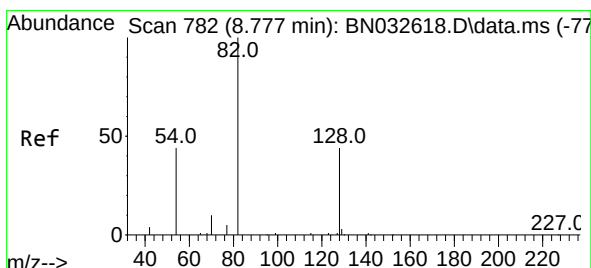
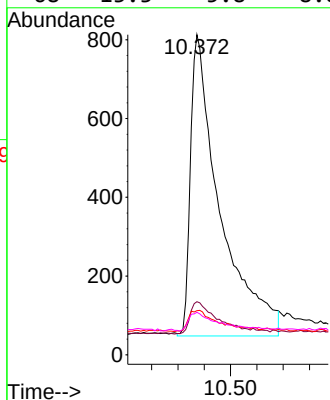
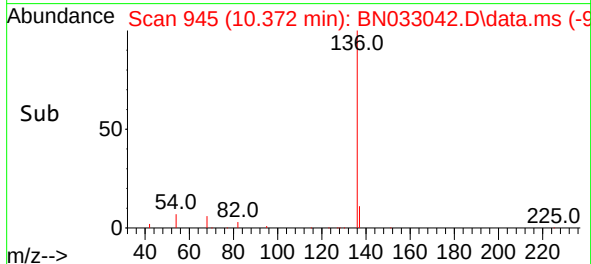
Instrument :
BNA_N
ClientSampleId :
EB-01-072524



Tgt Ion: 136 Resp: 592
Ion Ratio Lower Upper
136 100
137 16.6 9.9 14.9#
54 13.8 6.5 9.7#
68 13.3 5.8 8.8#

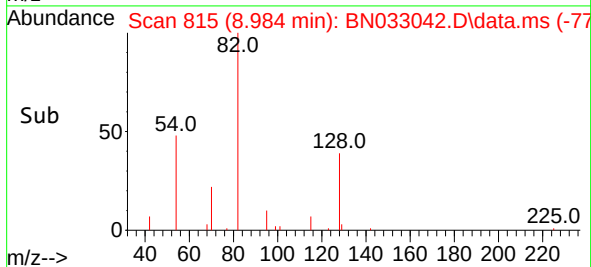
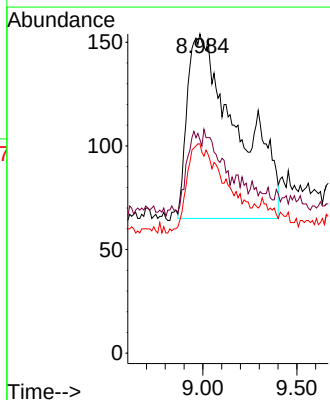
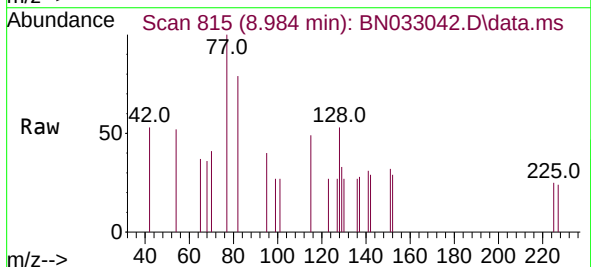
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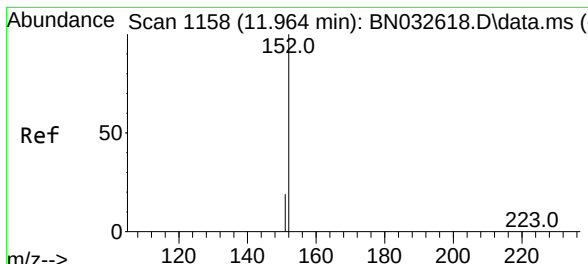
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#8
Nitrobenzene-d5
Concen: 0.364 ng m
RT: 8.984 min Scan# 815
Delta R.T. 0.250 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion: 82 Resp: 1625
Ion Ratio Lower Upper
82 100
128 66.9 41.7 62.5#
54 65.6 39.5 59.3#





#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.954 min Scan# 1158
Delta R.T. 0.039 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Instrument :

BNA_N

ClientSampleId :

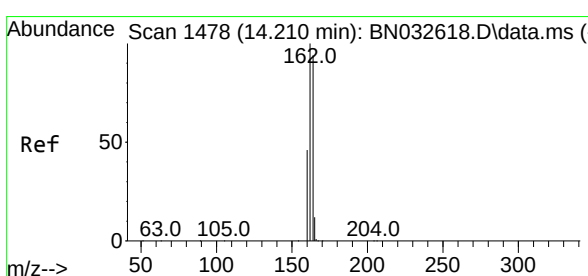
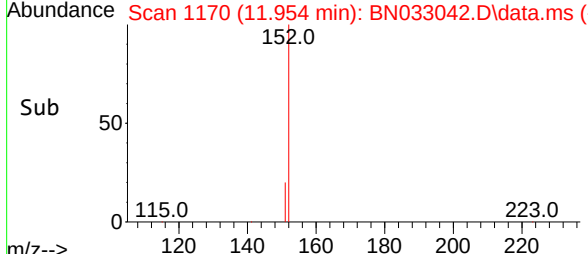
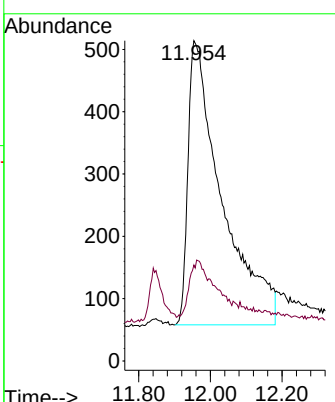
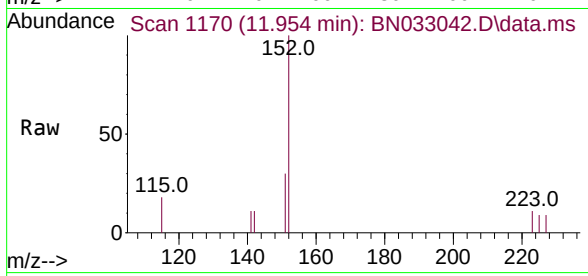
EB-01-072524

Tgt Ion:152 Resp: 298

Ion	Ratio	Lower	Upper
152	100		
151	14.9	16.2	24.2

Manual Integrations
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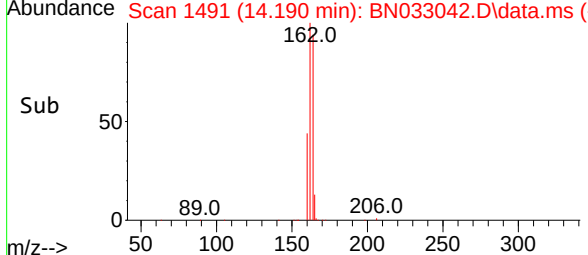
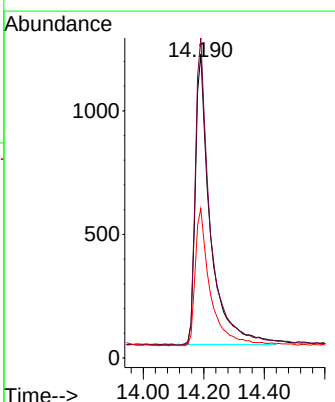
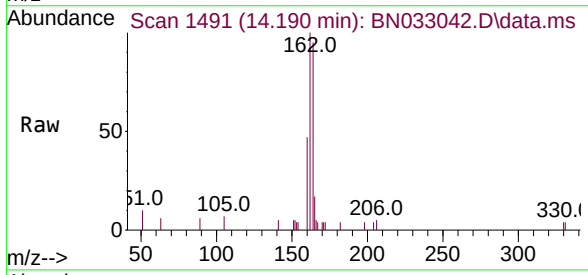
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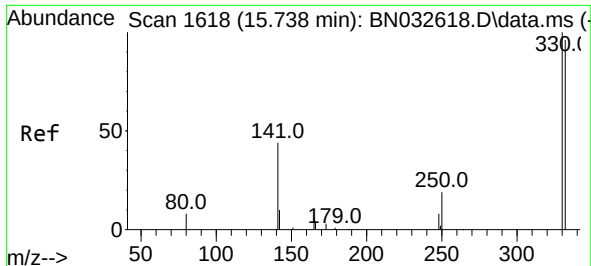


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.190 min Scan# 1491
Delta R.T. 0.012 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion:164 Resp: 4065

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.0	127.4
160	49.2	39.4	59.2





#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.753 min Scan# 1634
Delta R.T. 0.028 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Instrument :

BNA_N

ClientSampleId :

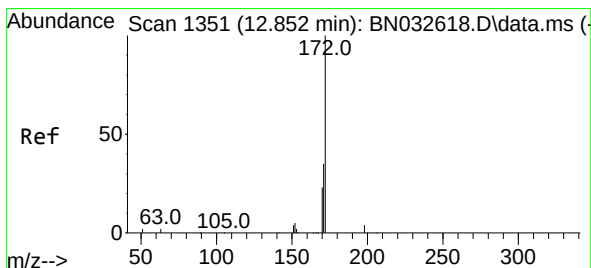
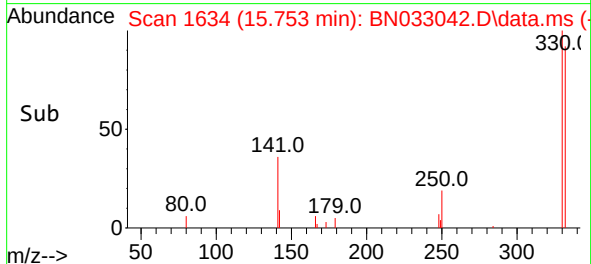
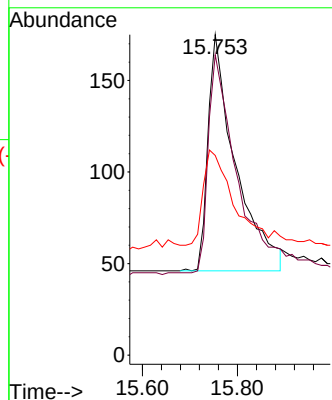
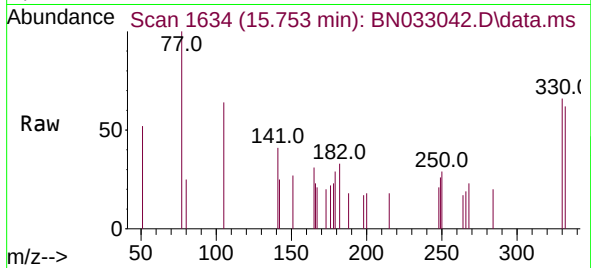
EB-01-072524

Tgt Ion:330 Resp: 518
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 45.8 34.2 51.2

Manual Integrations

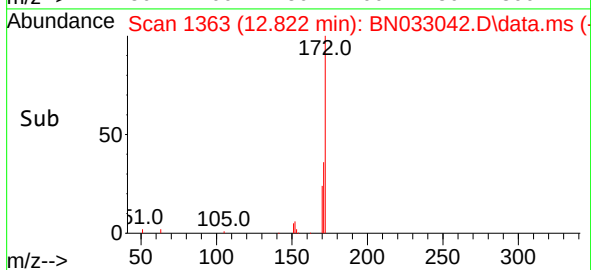
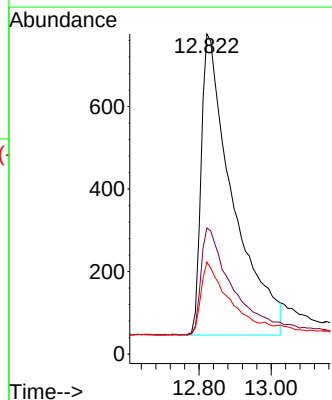
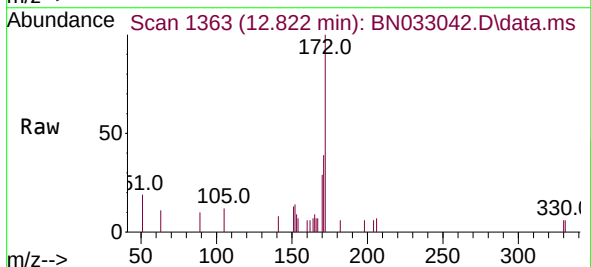
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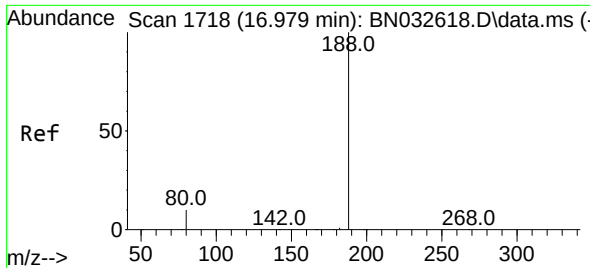
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.822 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion:172 Resp: 4413
Ion Ratio Lower Upper
172 100
171 39.4 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: BN033042.D
Acq: 27 Jul 2024 20:51

Instrument :

BNA_N

ClientSampleId :

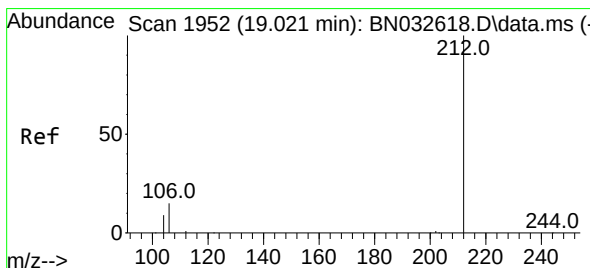
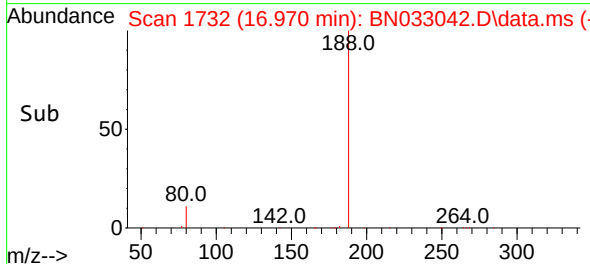
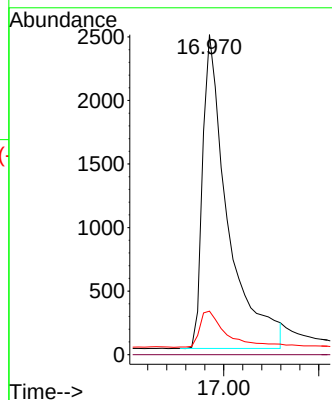
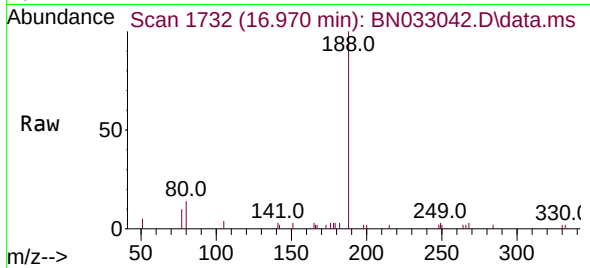
EB-01-072524

Tgt Ion:188 Resp: 9060
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 8.8 13.2

Manual Integrations

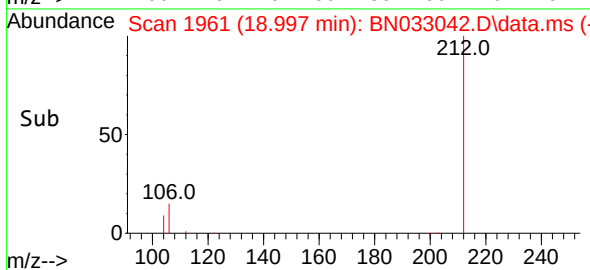
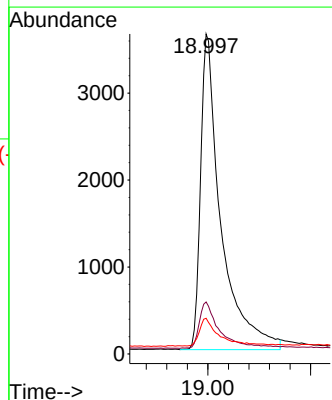
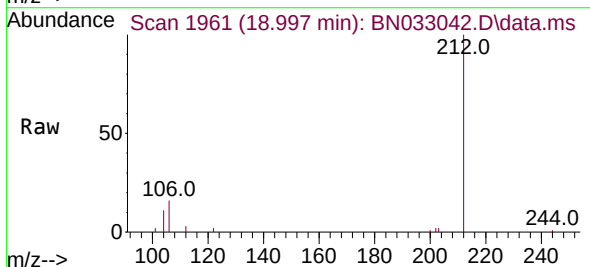
APPROVED

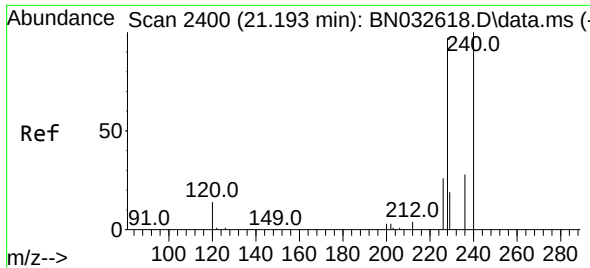
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 18.997 min Scan# 1961
Delta R.T. 0.003 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Tgt Ion:212 Resp: 9966
Ion Ratio Lower Upper
212 100
106 14.7 11.9 17.9
104 8.6 6.9 10.3





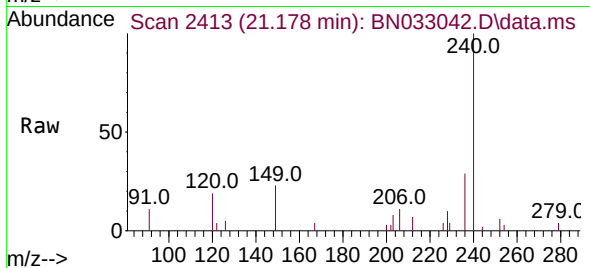
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.178 min Scan# 2400
Delta R.T. 0.012 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Instrument :

BNA_N

ClientSampleId :

EB-01-072524

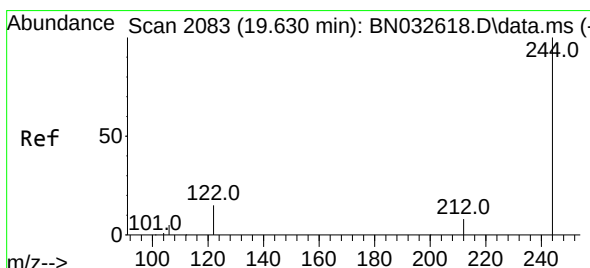
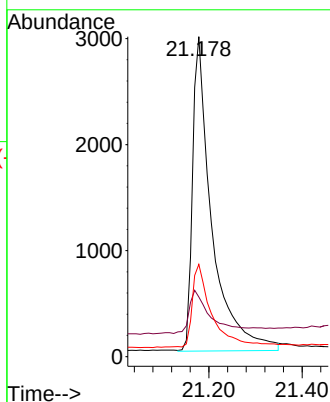
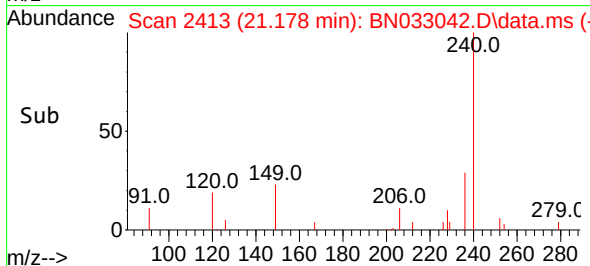


Tgt Ion:240 Resp: 8529
Ion Ratio Lower Upper
240 100
120 18.7 14.8 22.2
236 28.9 23.3 34.9

Manual Integrations

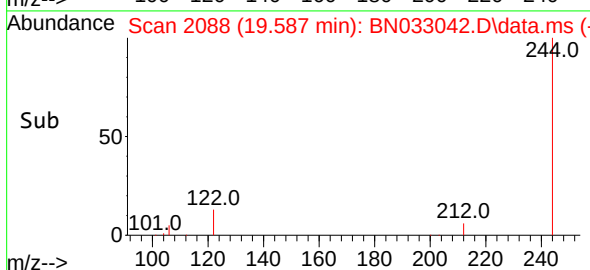
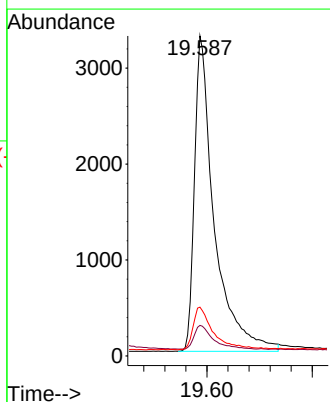
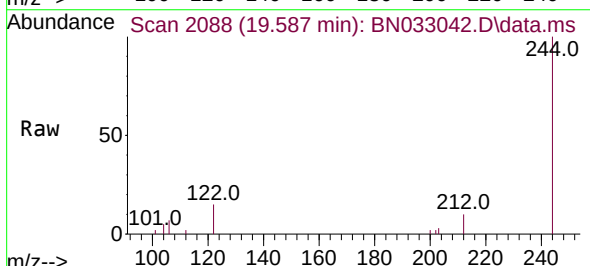
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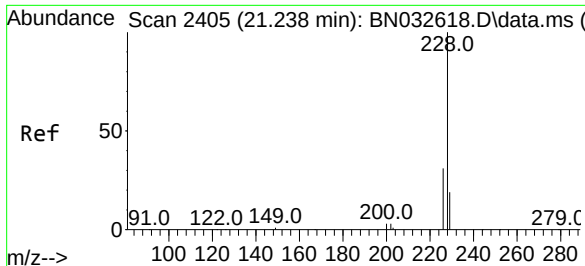
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#31
Terphenyl-d14
Concen: 0.491 ng
RT: 19.587 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

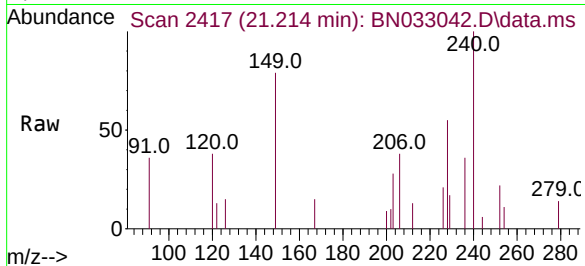
Tgt Ion:244 Resp: 8586
Ion Ratio Lower Upper
244 100
212 9.5 7.5 11.3
122 15.3 12.6 19.0





#33
Chrysene
Concen: 0.039 ng m
RT: 21.214 min Scan# 2405
Delta R.T. 0.012 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

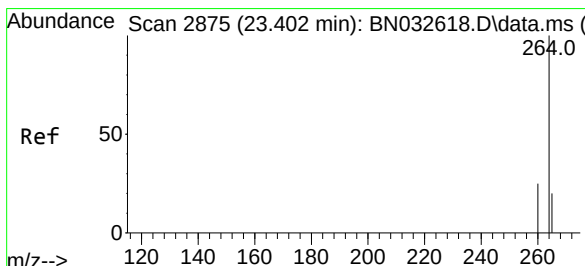
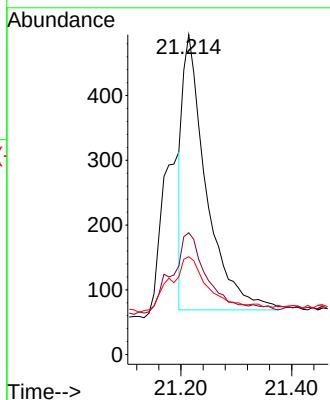
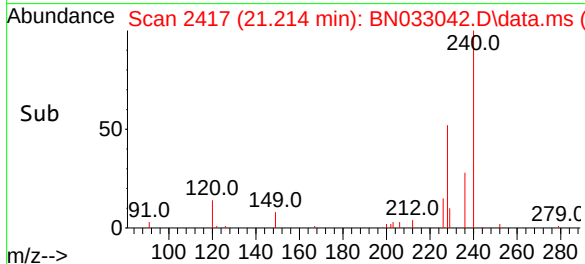
Instrument :
BNA_N
ClientSampleId :
EB-01-072524



Tgt Ion:228 Resp: 1250
Ion Ratio Lower Upper
228 100
226 38.1 24.2 36.2
229 30.6 16.0 24.0

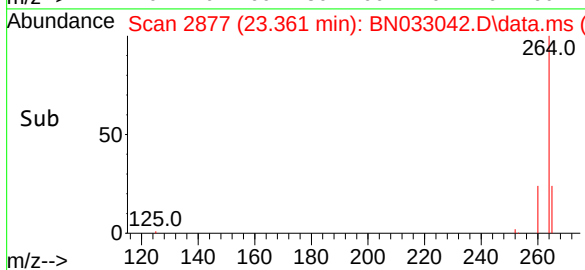
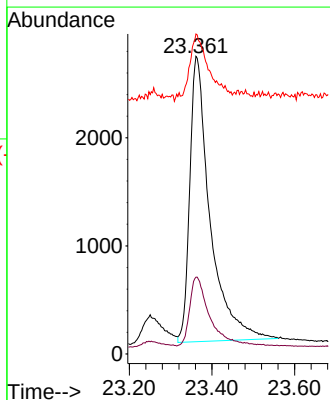
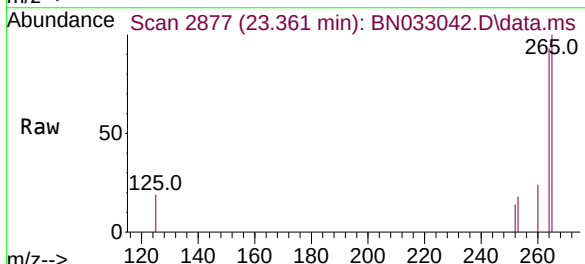
Manual Integrations
APPROVED

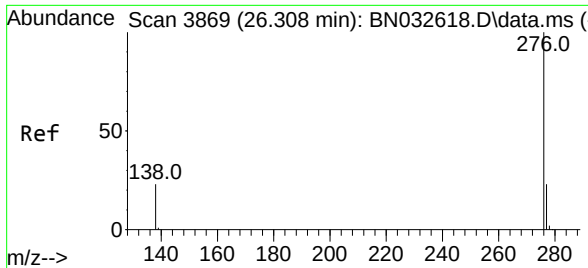
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.361 min Scan# 2877
Delta R.T. 0.003 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

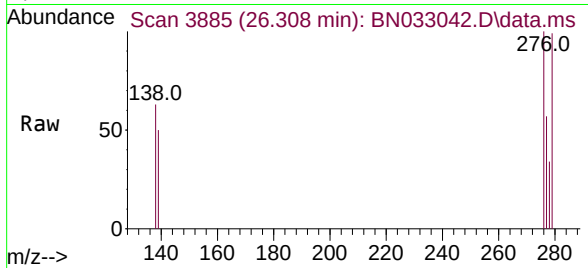
Tgt Ion:264 Resp: 9022
Ion Ratio Lower Upper
264 100
260 25.8 20.9 31.3
265 107.5 85.4 128.2





#41
Benzo(g,h,i)perylene
Concen: 0.028 ng
RT: 26.308 min Scan# 3869
Delta R.T. 0.059 min
Lab File: BN033042.D
Acq: 27 Jul 2024 20:51

Instrument :
BNA_N
ClientSampleId :
EB-01-072524



Tgt Ion:276 Resp: 880
Ion Ratio Lower Upper
276 100
277 56.7 20.2 30.2
138 62.9 20.5 30.7

Manual Integrations
APPROVED

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

