

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
 Data File : BN033681.D
 Acq On : 29 Aug 2024 22:45
 Operator : MA/JU
 Sample : P3769-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-09-6.5-082724

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
 Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 03:46:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 23:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	5460	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	14178	0.400	ng	#-0.01
13) Acenaphthene-d10	14.167	164	7204	0.400	ng	0.00
19) Phenanthrene-d10	16.917	188	14643	0.400	ng	0.00
29) Chrysene-d12	21.121	240	12941	0.400	ng	0.00
35) Perylene-d12	23.282	264	13728	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	1743	0.106	ng	0.00
5) Phenol-d6	6.721	99	1227	0.063	ng	0.00
8) Nitrobenzene-d5	8.659	82	3961	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	11.884	152	7144	0.357	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1270	0.367	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	10863	0.358	ng	0.00
27) Fluoranthene-d10	18.956	212	15827	0.438	ng	0.00
31) Terphenyl-d14	19.569	244	12168	0.444	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.175	88	458	0.072	ng	Qvalue # 1
18) Fluorene	15.225	166	3542m	0.132	ng	
24) Pentachlorophenol	16.569	266	209	0.048	ng	97
26) Anthracene	17.041	178	757	0.021	ng	98
34) Bis(2-ethylhexyl)phtha...	21.067	149	2399m	0.093	ng	
40) Dibenzo(a,h)anthracene	25.434	278	2063	0.044	ng	# 59

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

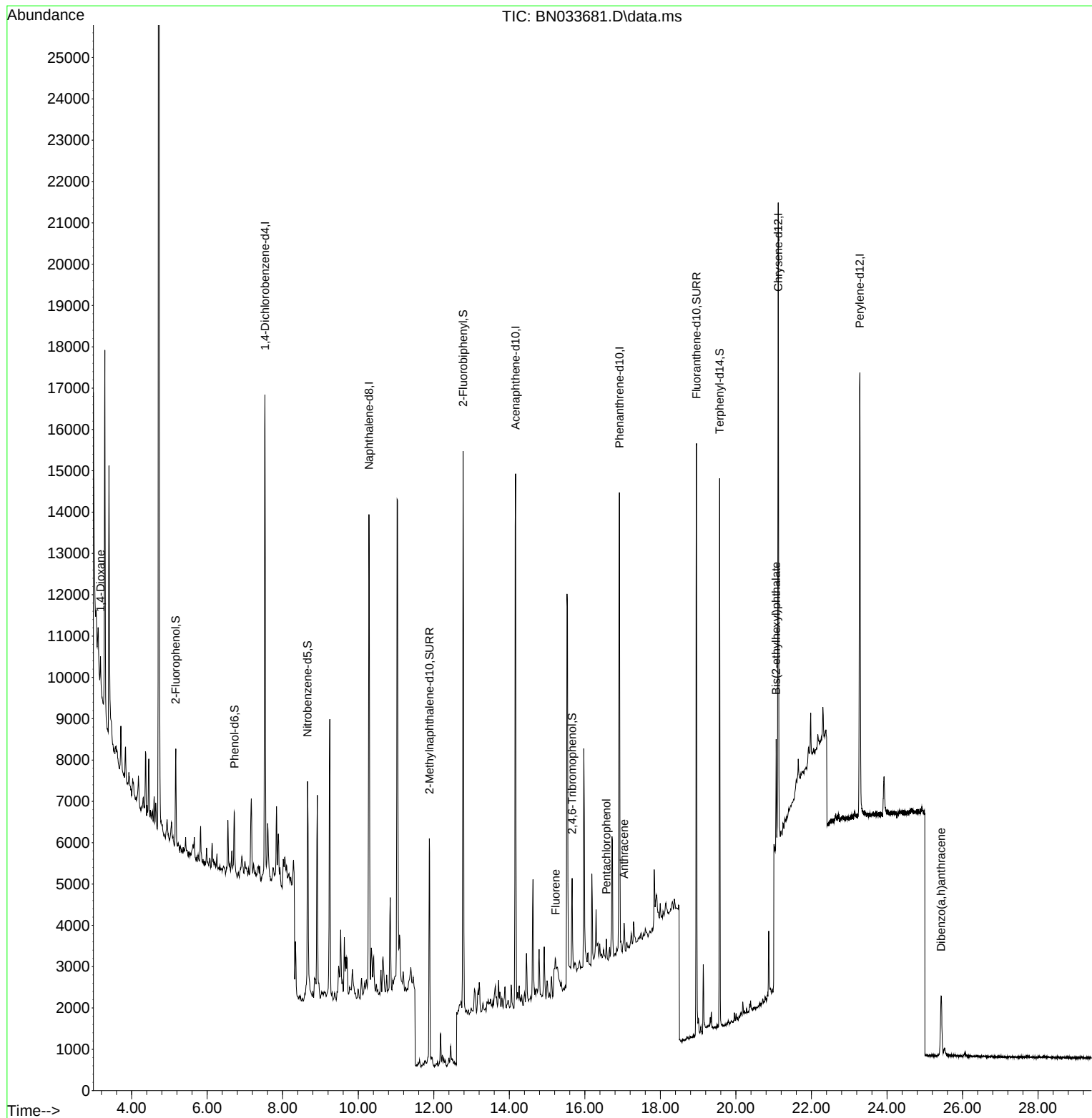
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033681.D
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ALS Vial : 14 Sample Multiplier: 1

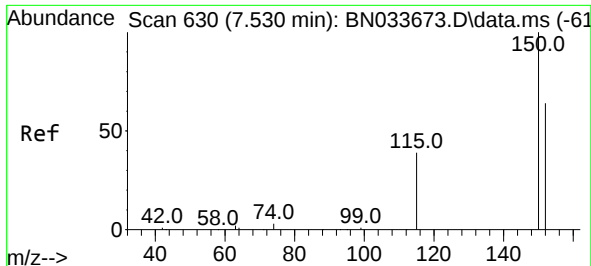
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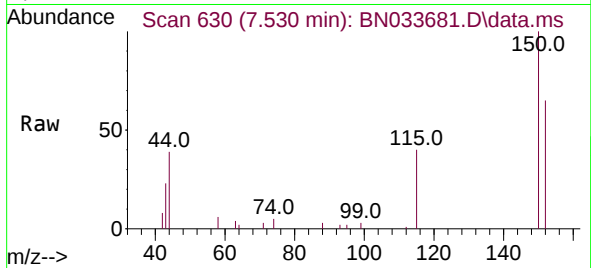
Quant Time: Aug 30 03:46:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.530 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

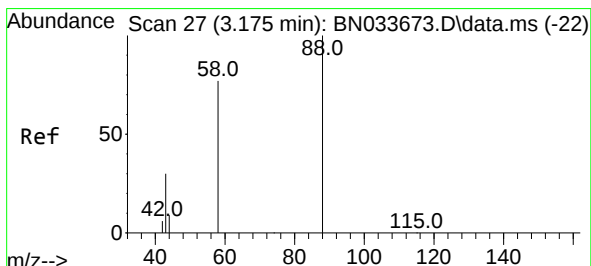
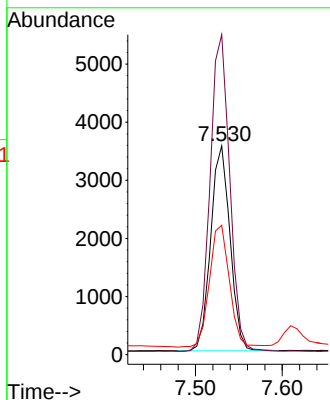
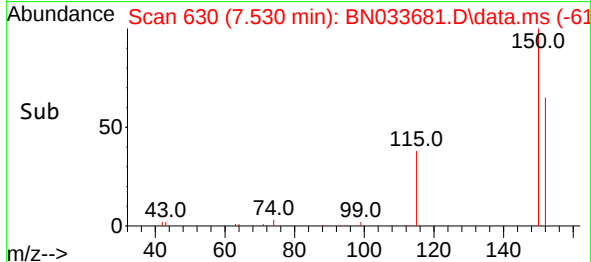
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-082724



Tgt Ion: 152 Resp: 546
Ion Ratio Lower Upper
152 100
150 153.2 123.4 185.0
115 62.0 51.3 76.9

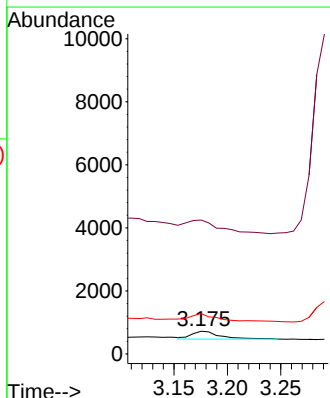
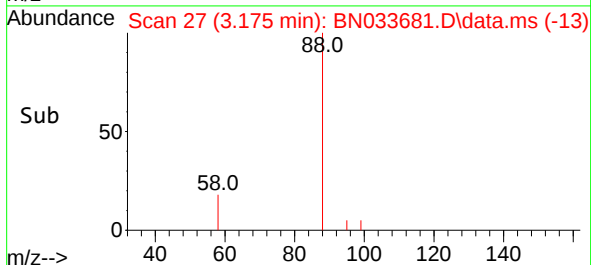
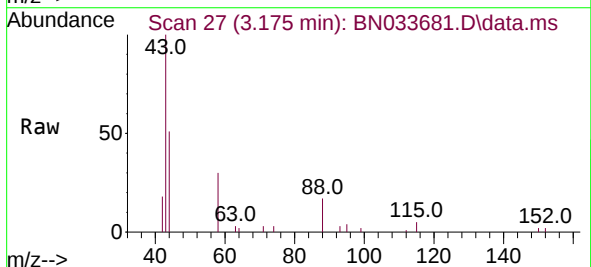
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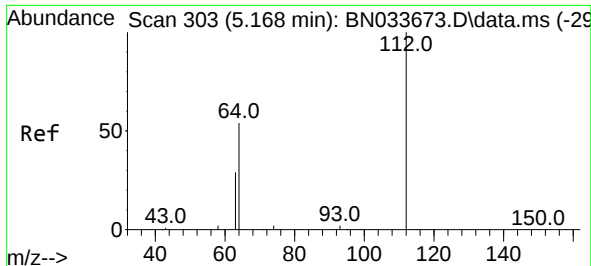
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#2
1,4-Dioxane
Concen: 0.072 ng
RT: 3.175 min Scan# 27
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

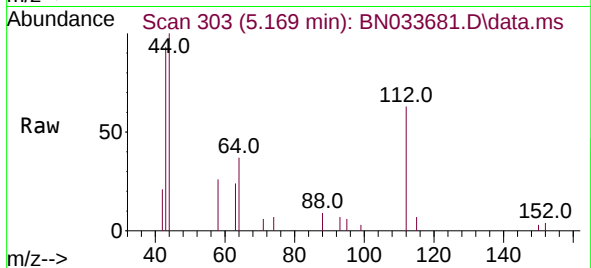
Tgt Ion: 88 Resp: 458
Ion Ratio Lower Upper
88 100
43 203.5 26.8 40.2#
58 104.6 63.4 95.0#





#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.169 min Scan# 303
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

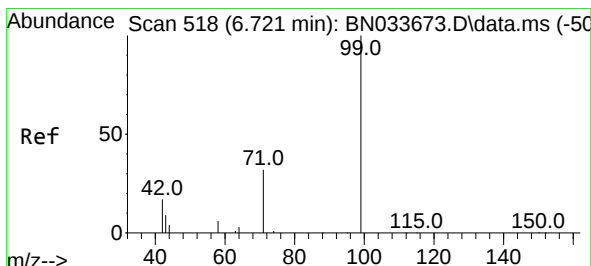
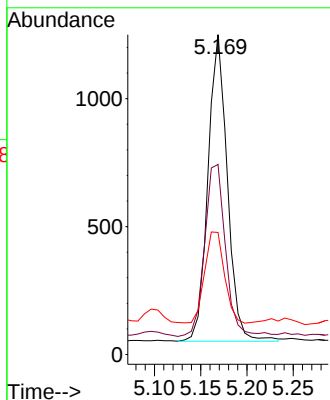
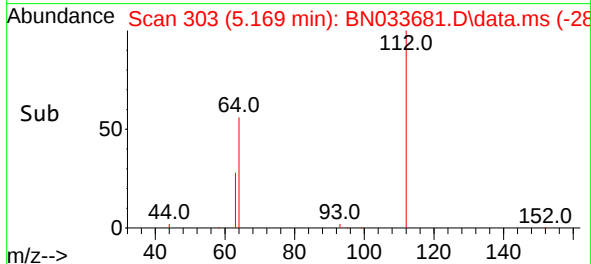
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MW-09-6.5-082724



Tgt Ion: 112 Resp: 174
Ion Ratio Lower Upper
112 100
64 60.7 48.6 72.8
63 30.2 26.6 39.8

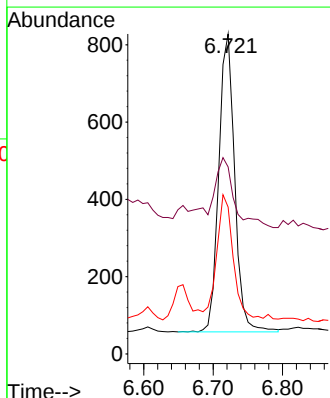
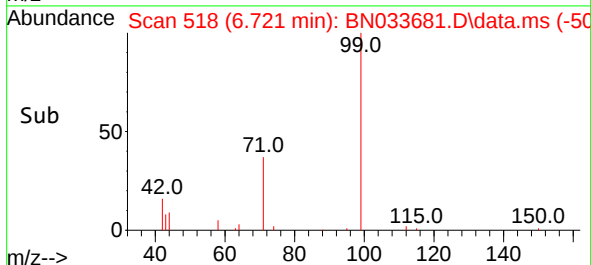
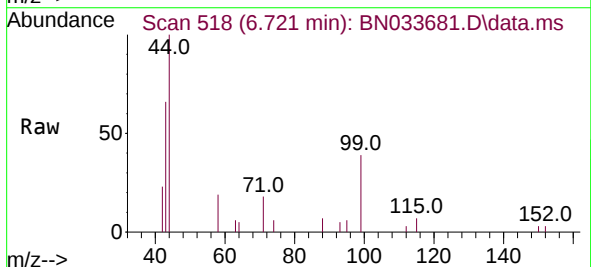
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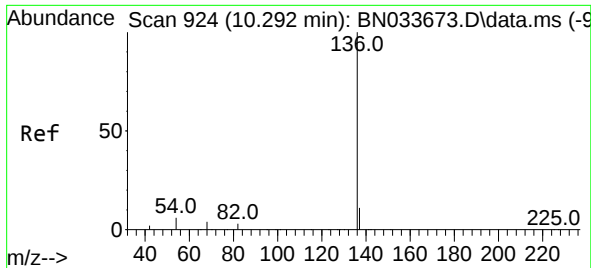
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Supervised By :mohammad ahmed 09/02/2024



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.721 min Scan# 518
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

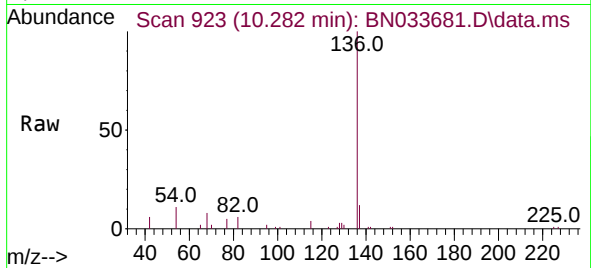
Tgt Ion: 99 Resp: 1227
Ion Ratio Lower Upper
99 100
42 27.4 17.8 26.8#
71 41.9 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

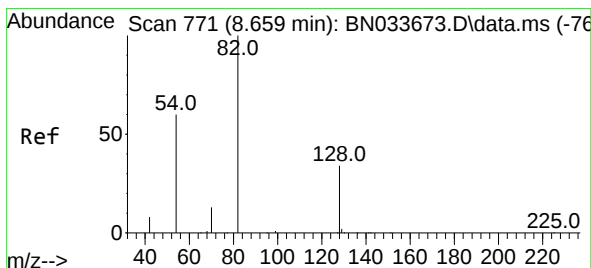
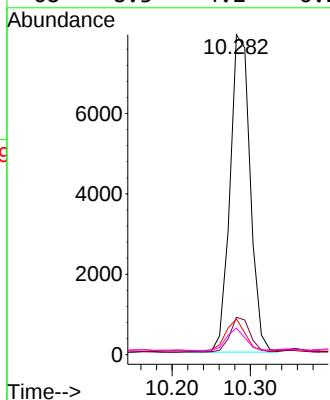
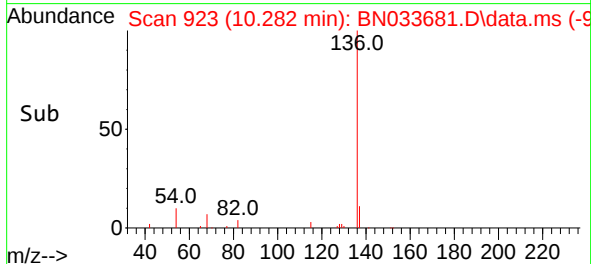
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Tgt Ion:	136	Resp:	14178
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	11.2	5.8	8.6
68	8.3	4.2	6.2

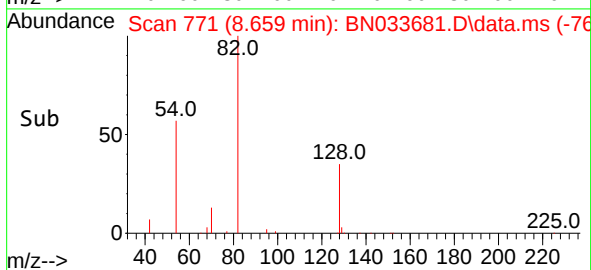
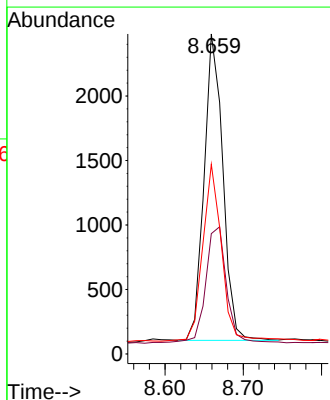
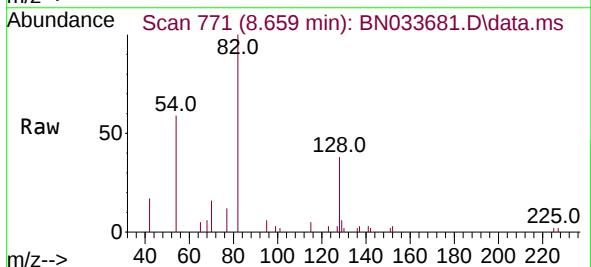
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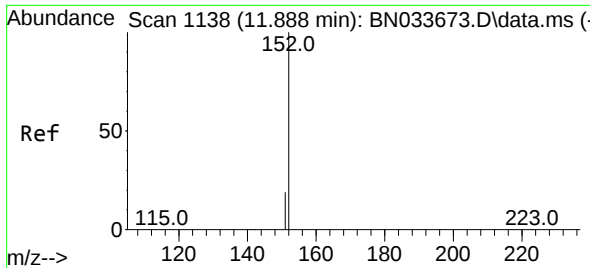
Reviewed By :Jagrut Upadhyay 08/30/2024
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#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

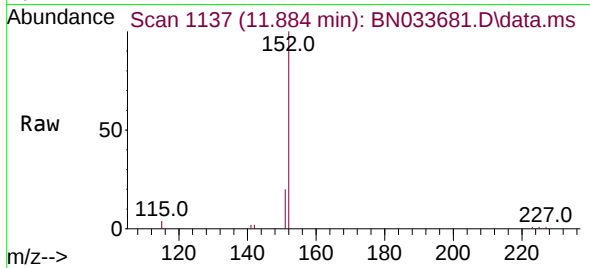
Tgt Ion:	82	Resp:	3961
Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.3	43.9
54	59.3	49.4	74.0





#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 11.884 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

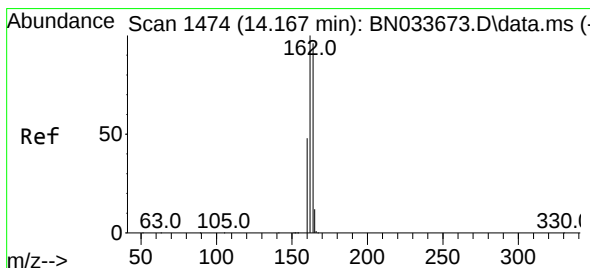
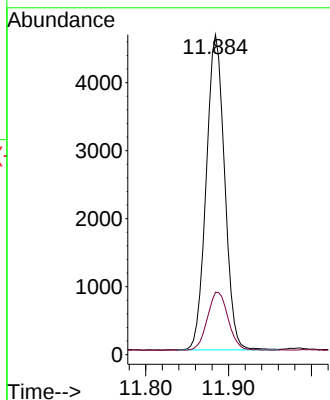
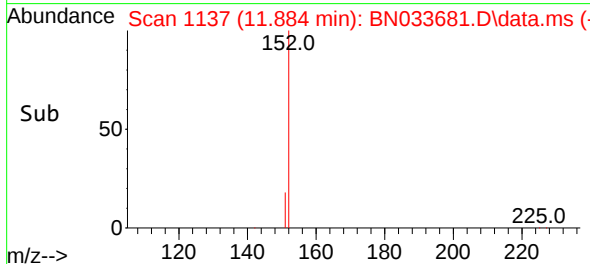
Instrument :
BNA_N
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MW-09-6.5-082724



Tgt Ion:152 Resp: 7144
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1

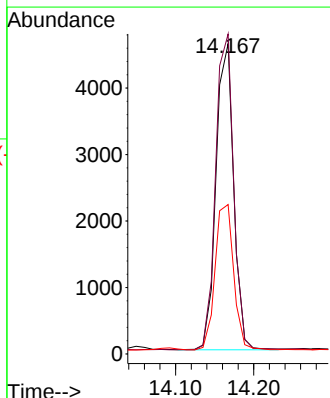
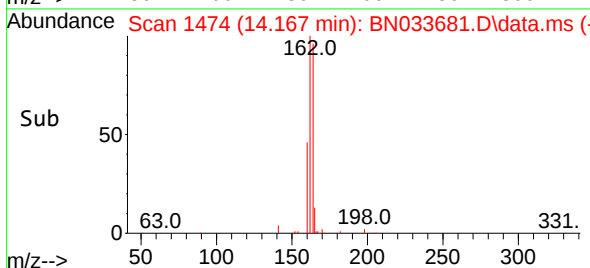
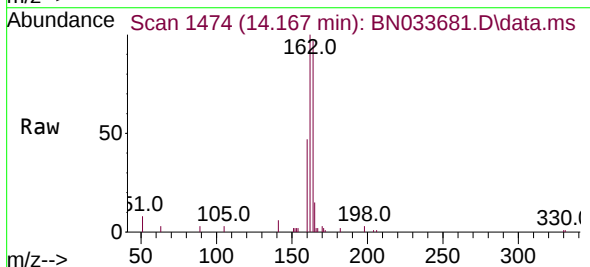
Manual Integrations
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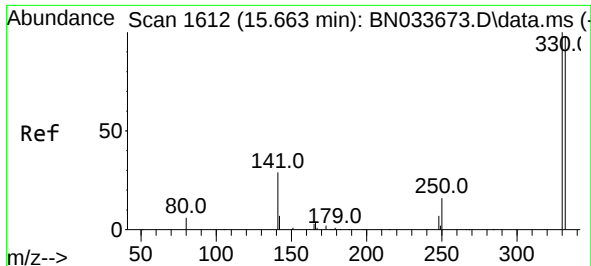
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.167 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

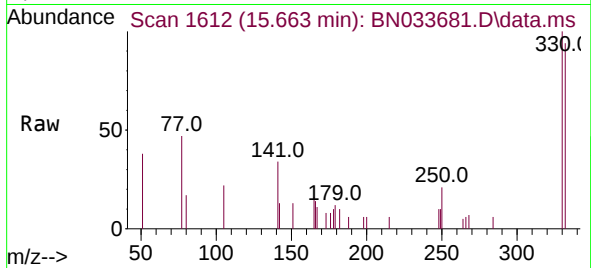
Tgt Ion:164 Resp: 7204
Ion Ratio Lower Upper
164 100
162 103.1 83.4 125.2
160 48.2 40.2 60.2





#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

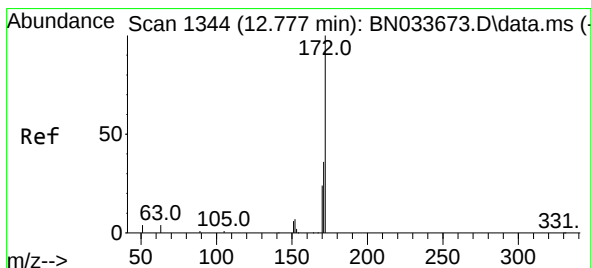
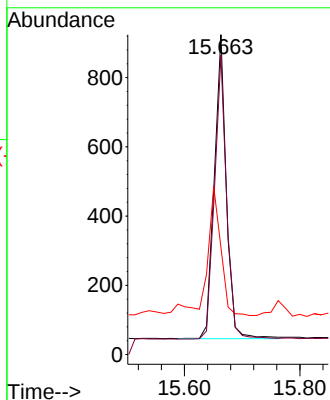
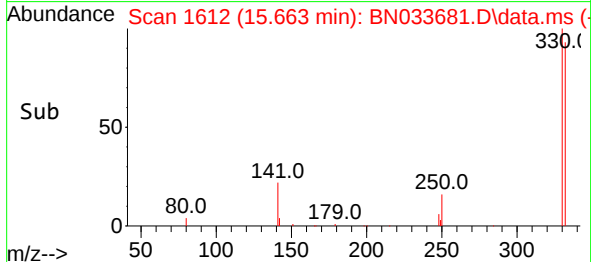
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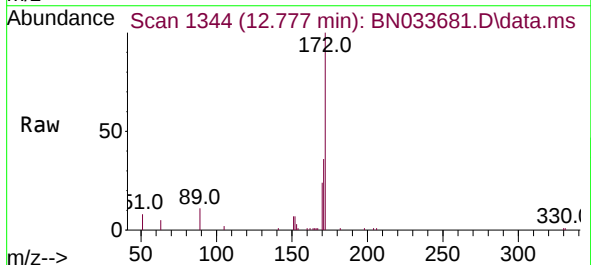
Tgt Ion:330 Resp: 1270
Ion Ratio Lower Upper
330 100
332 93.5 78.6 118.0
141 43.4 35.0 52.6

Manual Integrations
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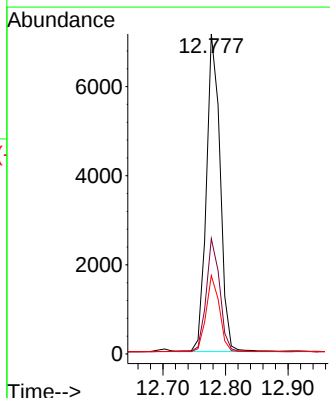
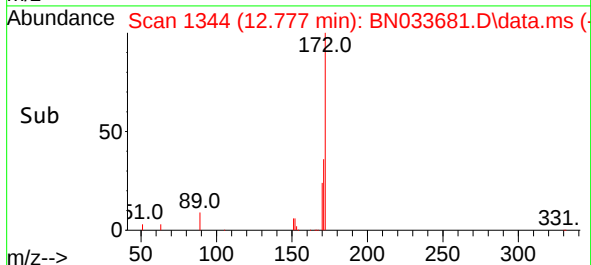
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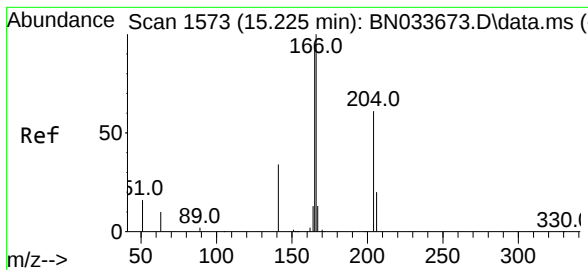


#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.777 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45



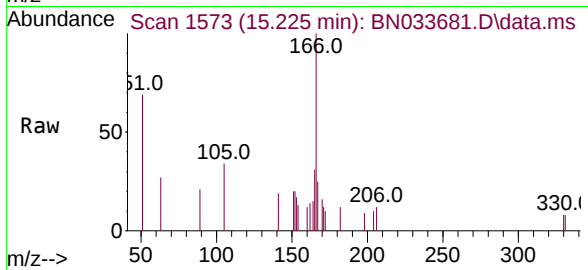
Tgt Ion:172 Resp: 10863
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.5 19.7 29.5





#18
Fluorene
Concen: 0.132 ng m
RT: 15.225 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

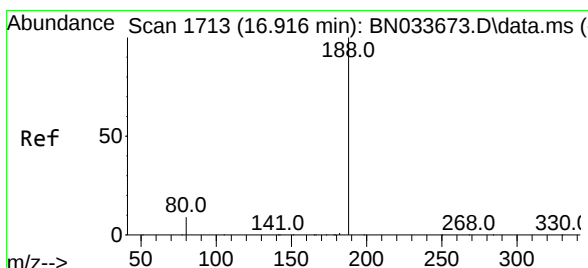
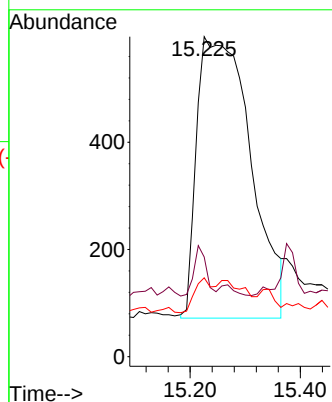
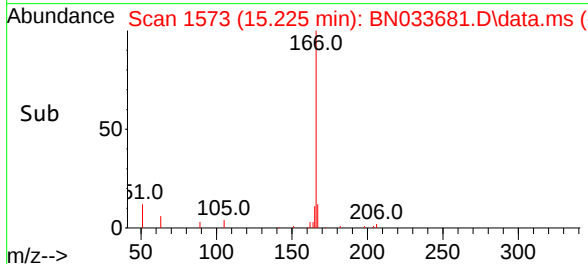
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-082724



Tgt Ion:166 Resp: 3542
Ion Ratio Lower Upper
166 100
165 4.1 78.6 118.0
167 3.6 10.7 16.1

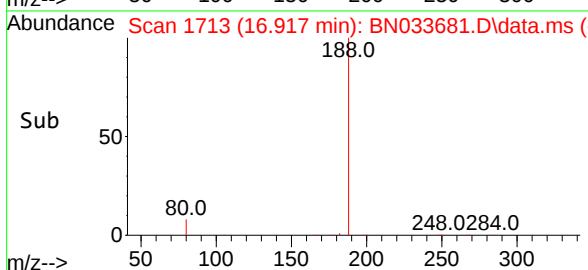
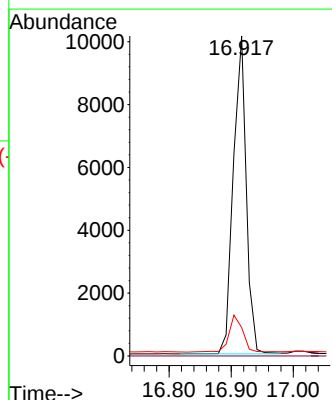
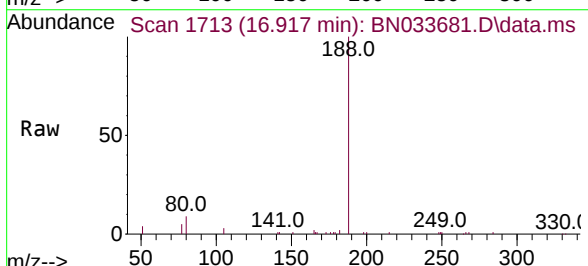
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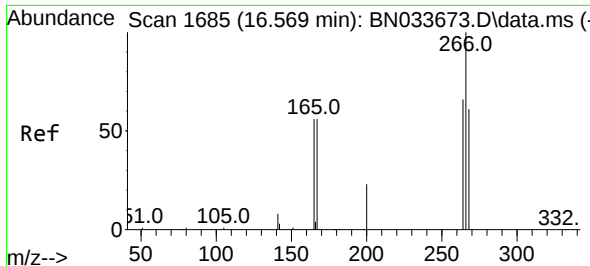
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.917 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

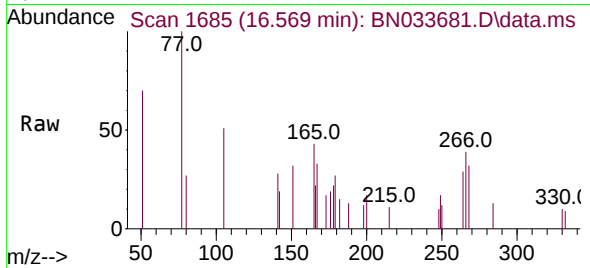
Tgt Ion:188 Resp: 14643
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.4 11.0





#24
 Pentachlorophenol
 Concen: 0.048 ng
 RT: 16.569 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45

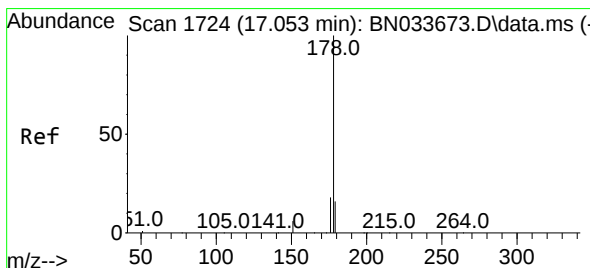
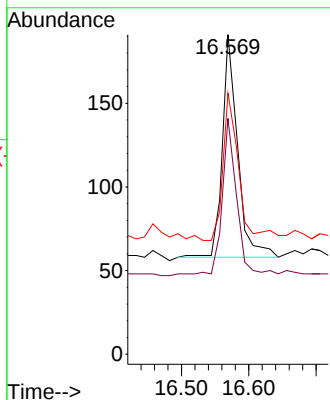
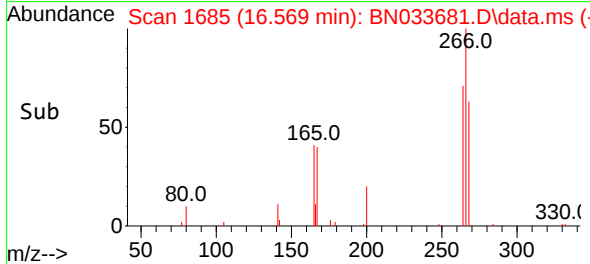
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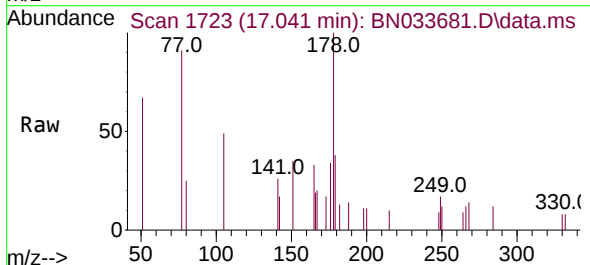
Tgt Ion:266 Resp: 209
 Ion Ratio Lower Upper
 266 100
 264 63.2 51.4 77.2
 268 67.9 51.9 77.9

Manual Integrations
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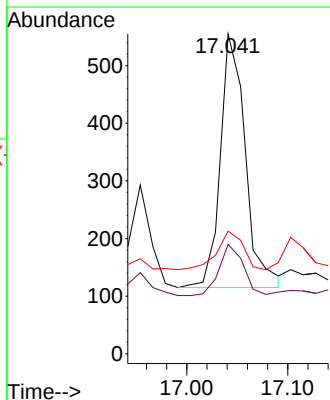
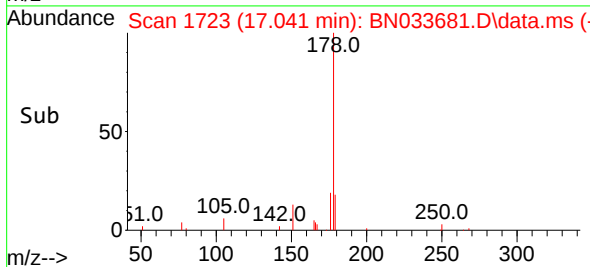
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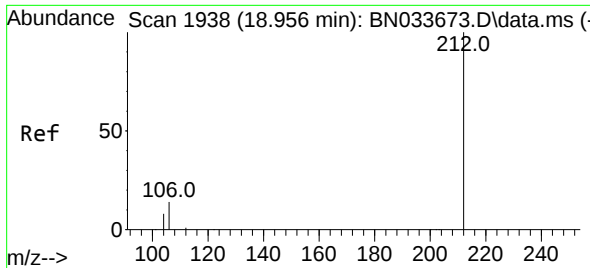


#26
 Anthracene
 Concen: 0.021 ng
 RT: 17.041 min Scan# 1723
 Delta R.T. -0.012 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45



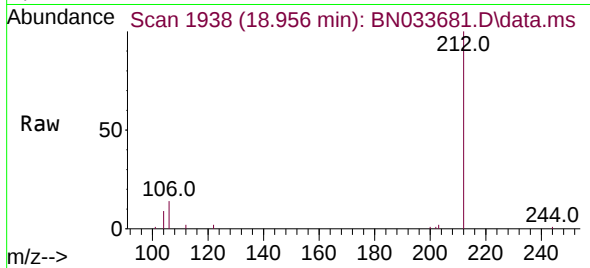
Tgt Ion:178 Resp: 757
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.9 22.3
 179 15.7 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.438 ng
RT: 18.956 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

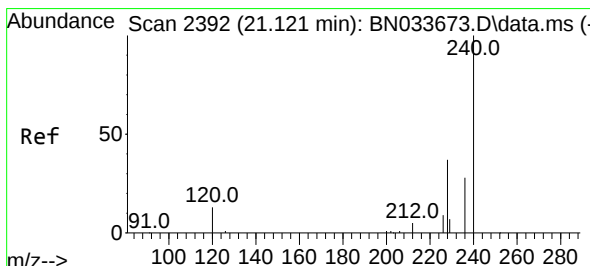
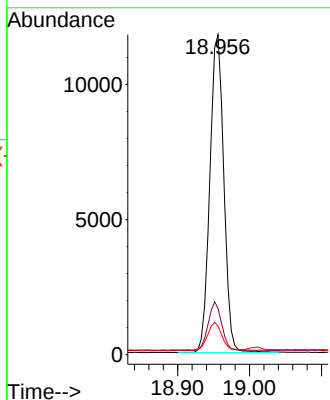
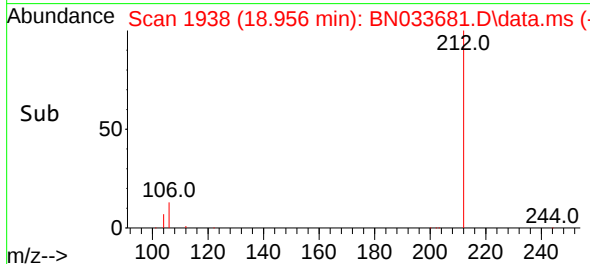
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-082724



Tgt Ion:212 Resp: 1582
Ion Ratio Lower Upper
212 100
106 14.9 11.8 17.6
104 8.6 6.9 10.3

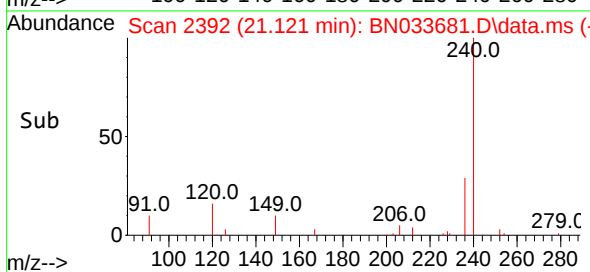
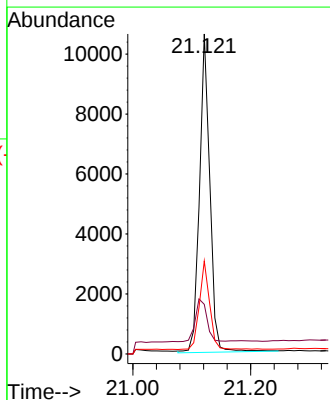
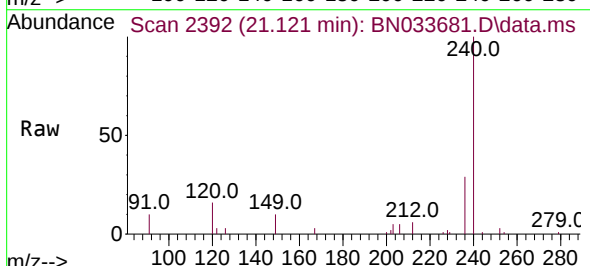
Manual Integrations
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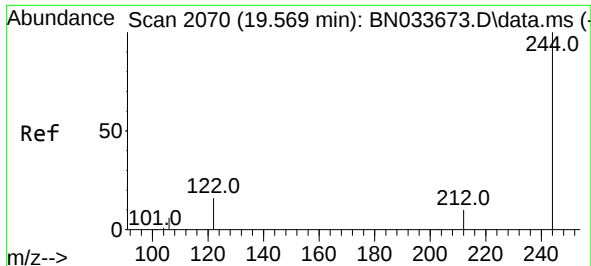
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.121 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

Tgt Ion:240 Resp: 12941
Ion Ratio Lower Upper
240 100
120 15.5 13.3 19.9
236 29.1 23.4 35.2





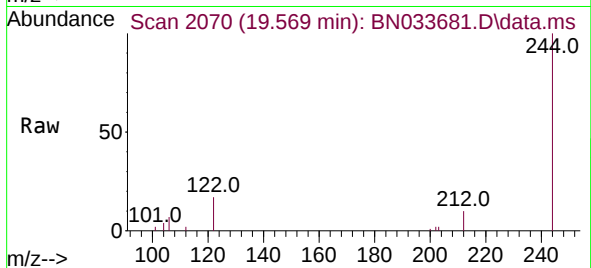
#31
 Terphenyl-d14
 Concen: 0.444 ng
 RT: 19.569 min Scan# 2070
 Delta R.T. 0.000 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45

Instrument :

BNA_N

ClientSampleId :

MW-09-6.5-082724

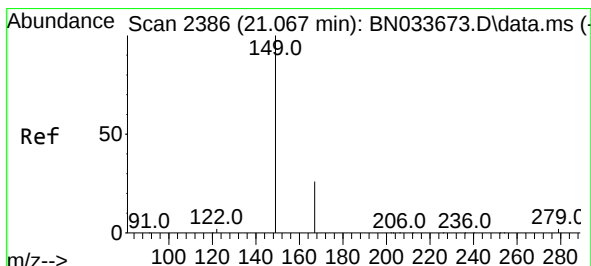
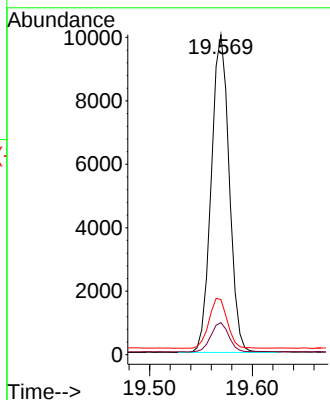
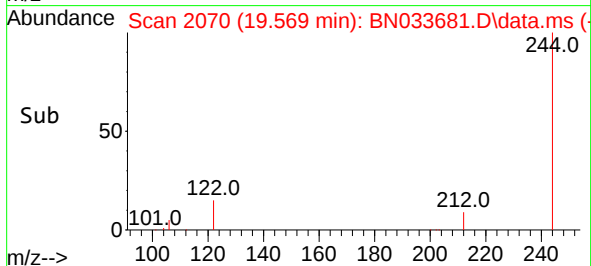


Tgt Ion:244 Resp: 1216
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.2 12.4
 122 17.2 13.6 20.4

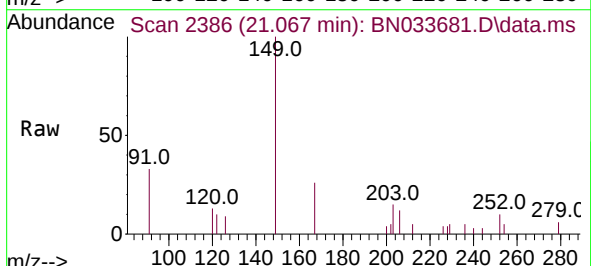
Manual Integrations

APPROVED

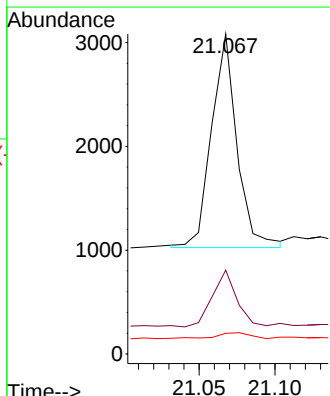
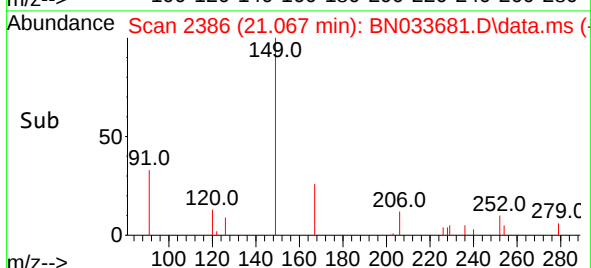
Reviewed By :Jagrut Upadhyay 08/30/2024
 Supervised By :mohammad ahmed 09/02/2024

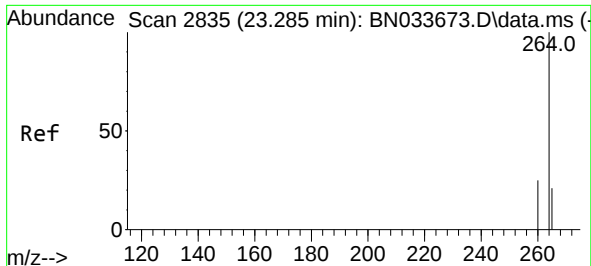


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng m
 RT: 21.067 min Scan# 2386
 Delta R.T. 0.000 min
 Lab File: BN033681.D
 Acq: 29 Aug 2024 22:45



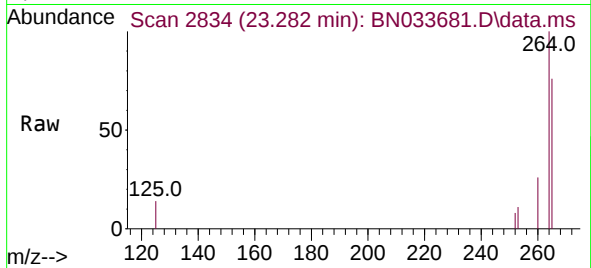
Tgt Ion:149 Resp: 2399
 Ion Ratio Lower Upper
 149 100
 167 42.1 28.3 42.5
 279 37.1 4.2 6.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.282 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

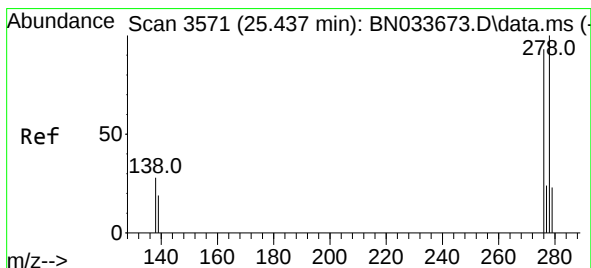
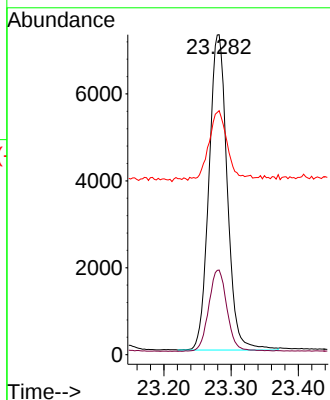
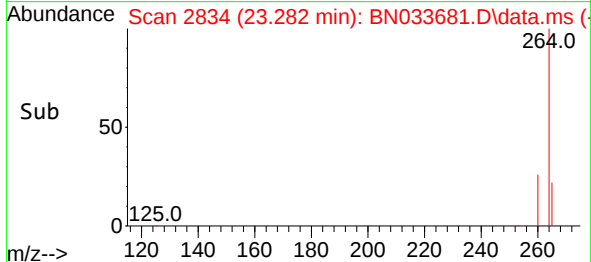
Instrument :
BNA_N
ClientSampleId :
MW-09-6.5-082724



Tgt Ion:264 Resp: 13728
Ion Ratio Lower Upper
264 100
260 26.5 20.7 31.1
265 76.2 69.9 104.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.044 ng
RT: 25.434 min Scan# 3570
Delta R.T. -0.003 min
Lab File: BN033681.D
Acq: 29 Aug 2024 22:45

Tgt Ion:278 Resp: 2063
Ion Ratio Lower Upper
278 100
139 36.7 17.2 25.8#
279 52.8 22.2 33.4#

