

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
 Data File : BN033697.D
 Acq On : 30 Aug 2024 09:06
 Operator : MA/JU
 Sample : P3769-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-082724

Manual Integrations
 APPROVED

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

Quant Time: Aug 30 09:33:23 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	7.531	152	5420	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	13919	0.400	ng	#-0.01
13) Acenaphthene-d10	14.167	164	6359	0.400	ng	0.00
19) Phenanthrene-d10	16.917	188	12279	0.400	ng	0.00
29) Chrysene-d12	21.122	240	9862	0.400	ng	# 0.00
35) Perylene-d12	23.285	264	10109	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	1850	0.113	ng	0.00
5) Phenol-d6	6.722	99	1314	0.068	ng	0.00
8) Nitrobenzene-d5	8.659	82	3915	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	11.884	152	6726	0.343	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	926	0.304	ng	0.00
15) 2-Fluorobiphenyl	12.778	172	9404	0.351	ng	0.00
27) Fluoranthene-d10	18.956	212	12324	0.407	ng	0.00
31) Terphenyl-d14	19.570	244	8789	0.421	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	336	0.053	ng	# 1
25) Phenanthrene	16.954	178	1500	0.044	ng	98
28) Fluoranthene	18.984	202	1252	0.033	ng	98
30) Pyrene	19.347	202	892	0.022	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.068	149	2471m	0.125	ng	

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

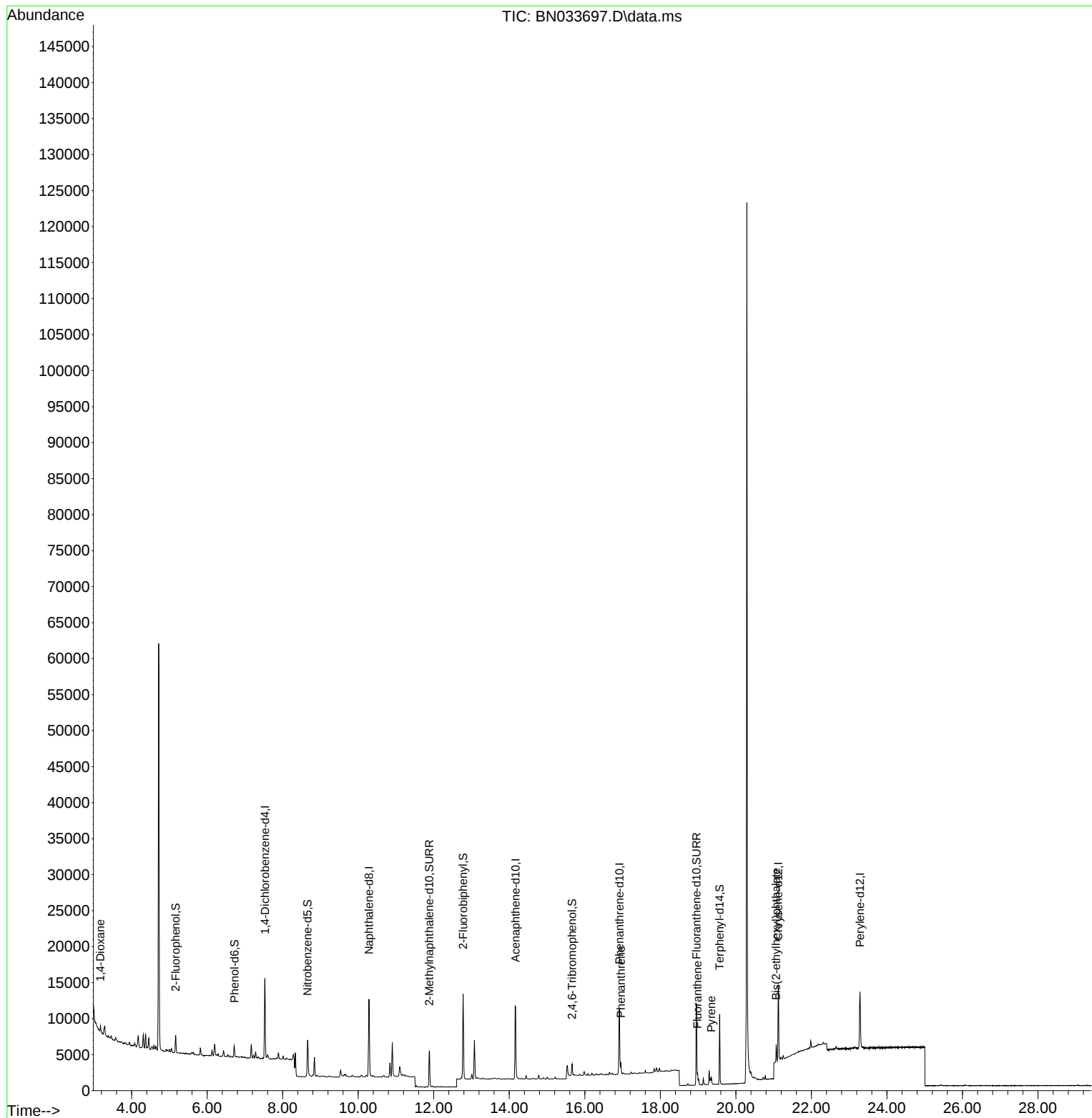
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
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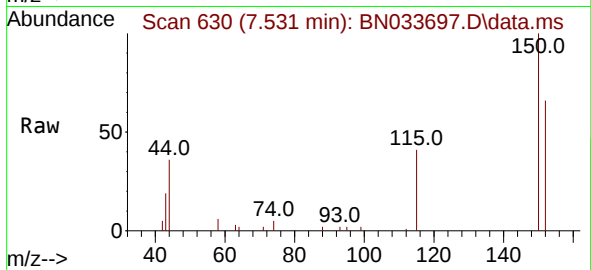
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.531 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN033697.D
 Acq: 30 Aug 2024 09:06

Instrument :

BNA_N

ClientSampleId :

EB01-082724

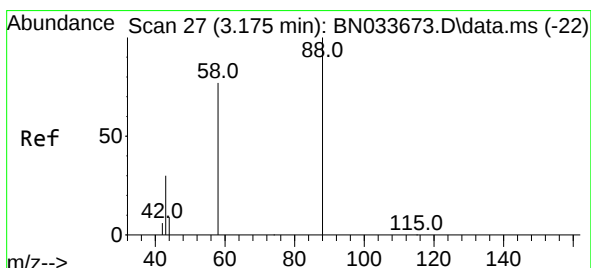
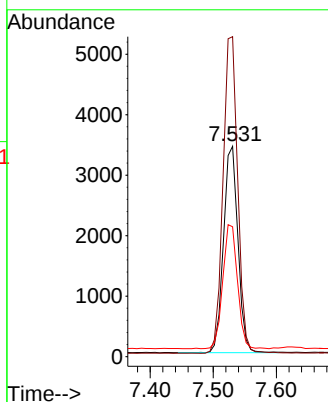
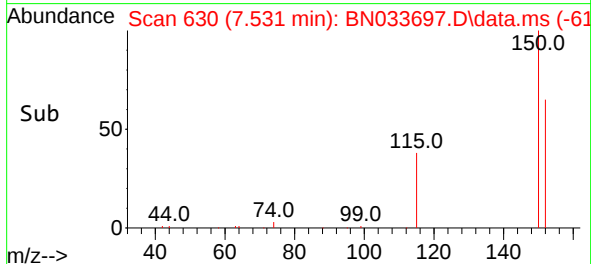


Tgt Ion: 152 Resp: 5420
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.4 185.0
 115 61.7 51.3 76.9

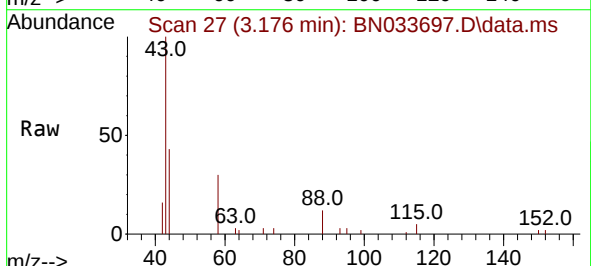
Manual Integrations

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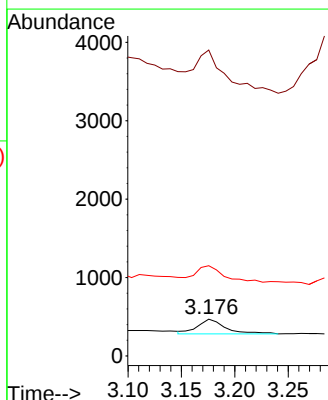
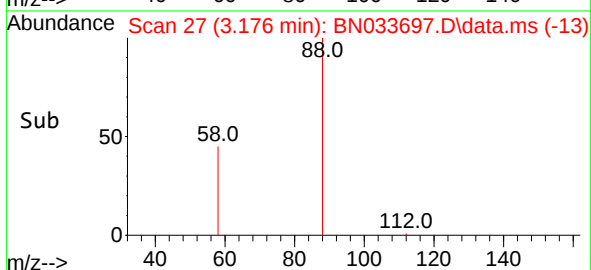
Reviewed By :Jagrut Upadhyay 08/30/2024
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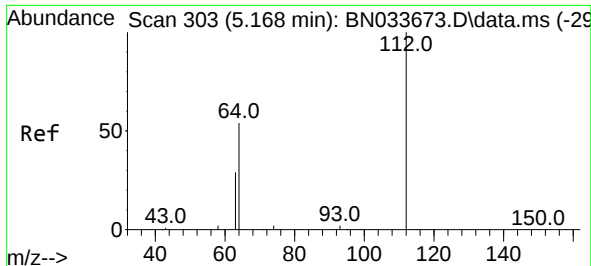


#2
 1,4-Dioxane
 Concen: 0.053 ng
 RT: 3.176 min Scan# 27
 Delta R.T. 0.001 min
 Lab File: BN033697.D
 Acq: 30 Aug 2024 09:06



Tgt Ion: 88 Resp: 336
 Ion Ratio Lower Upper
 88 100
 43 317.3 26.8 40.2#
 58 109.2 63.4 95.0#





#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.169 min Scan# 303
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Instrument :

BNA_N

ClientSampleId :

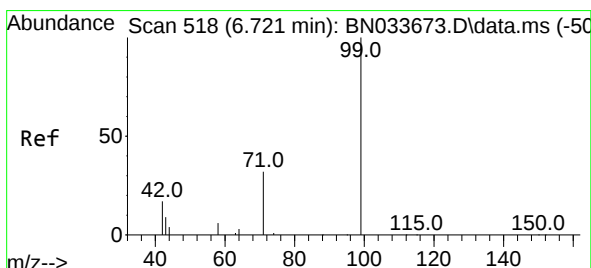
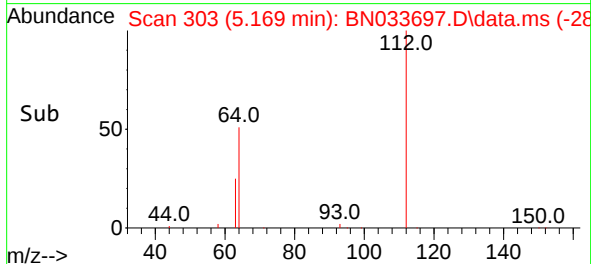
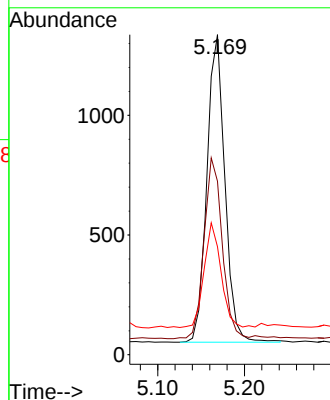
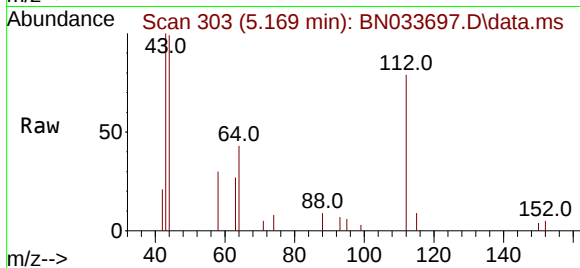
EB01-082724

Tgt Ion: 112 Resp: 1850
Ion Ratio Lower Upper
112 100
64 59.4 48.6 72.8
63 31.9 26.6 39.8

Manual Integrations

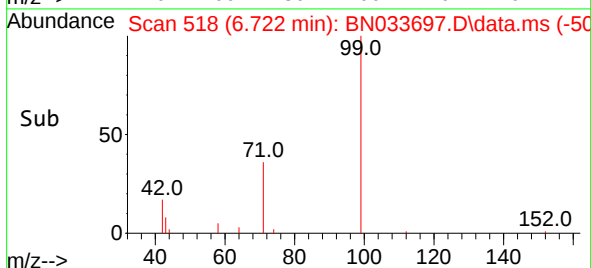
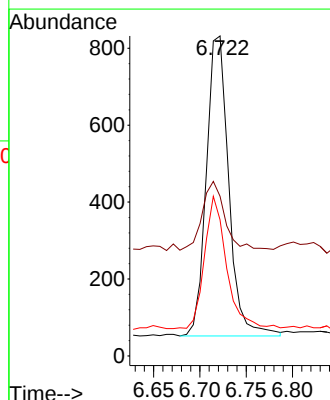
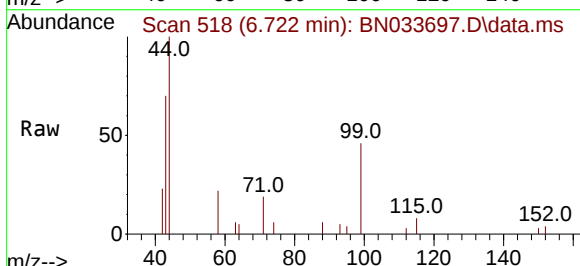
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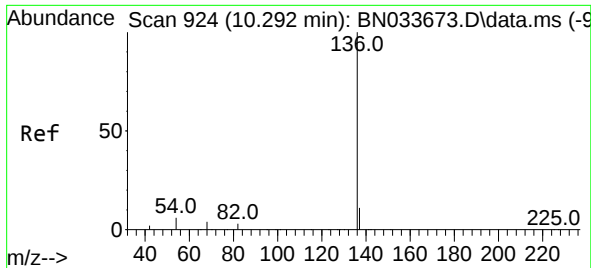
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.722 min Scan# 518
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Tgt Ion: 99 Resp: 1314
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.8
71 43.4 28.0 42.0





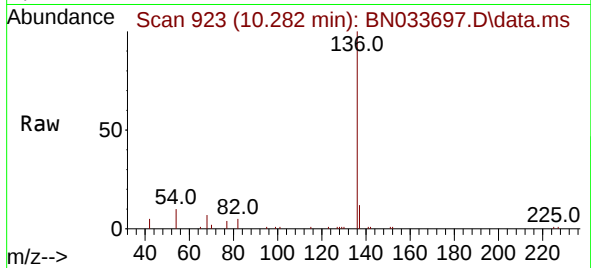
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Instrument :

BNA_N

ClientSampleId :

EB01-082724

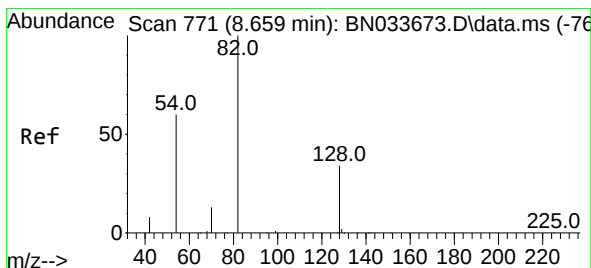
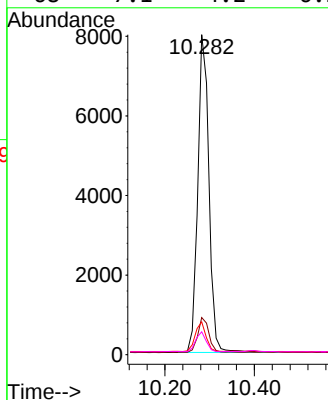
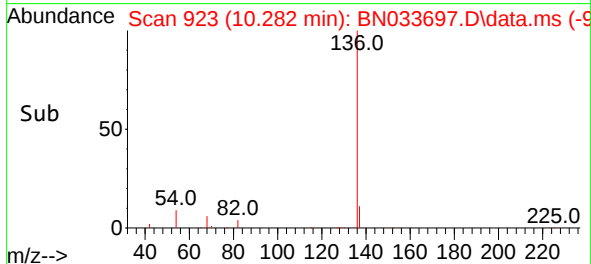


Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.2	5.8	8.6
68	7.1	4.2	6.2

Manual Integrations

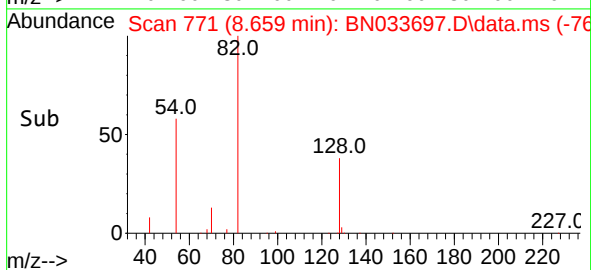
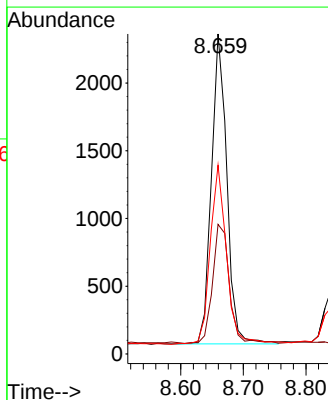
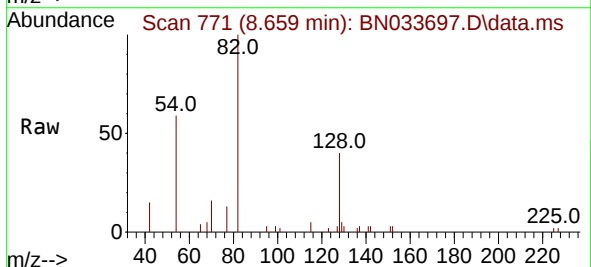
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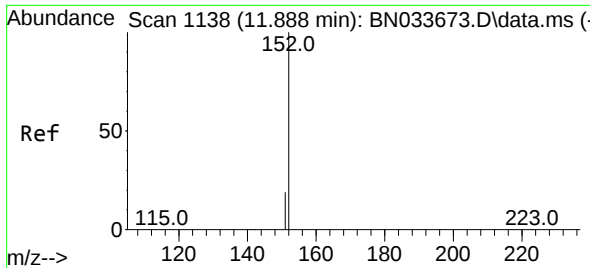
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.3	43.9
54	59.0	49.4	74.0





#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 11.884 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Instrument :

BNA_N

ClientSampleId :

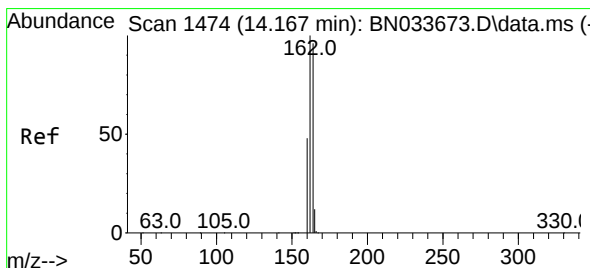
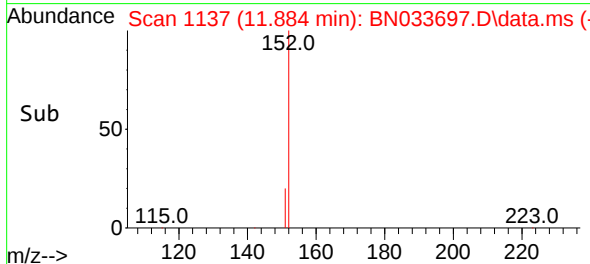
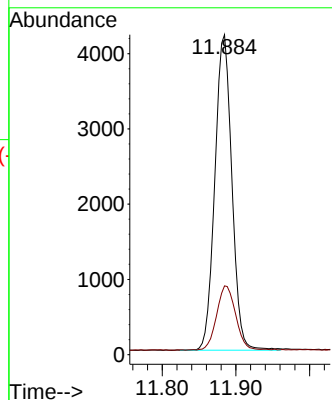
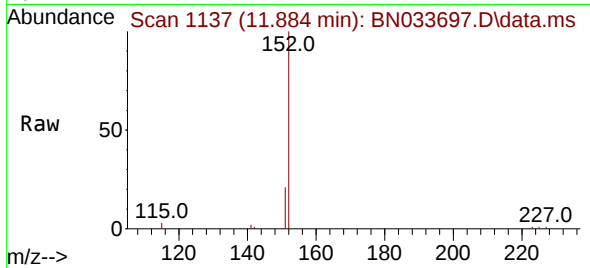
EB01-082724

Tgt Ion:152 Resp: 6720
Ion Ratio Lower Upper
152 100
151 22.9 16.7 25.1

Manual Integrations

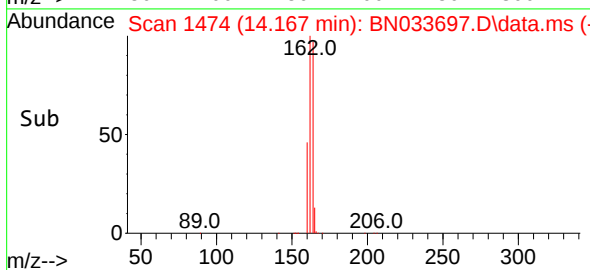
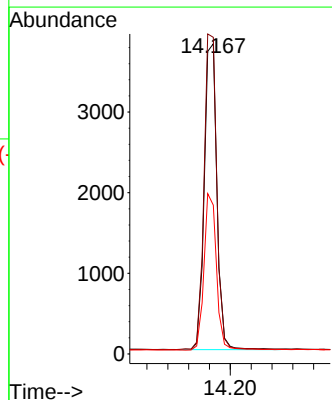
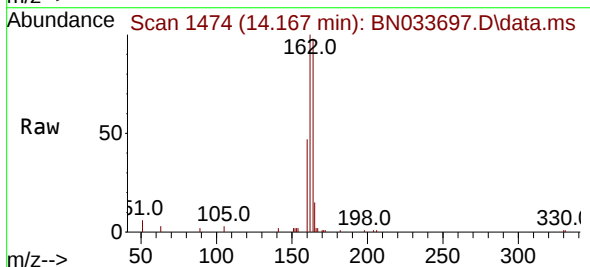
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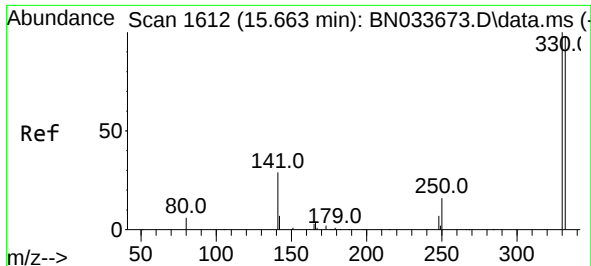
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.167 min Scan# 1474
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

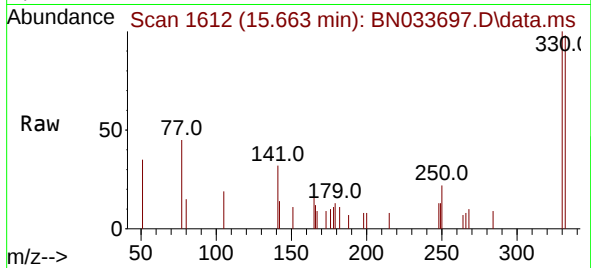
Tgt Ion:164 Resp: 6359
Ion Ratio Lower Upper
164 100
162 102.0 83.4 125.2
160 48.0 40.2 60.2





#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

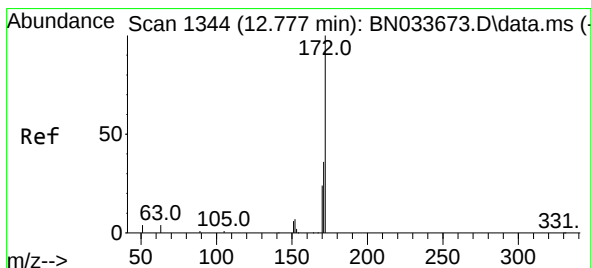
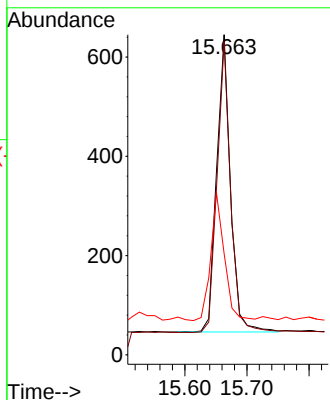
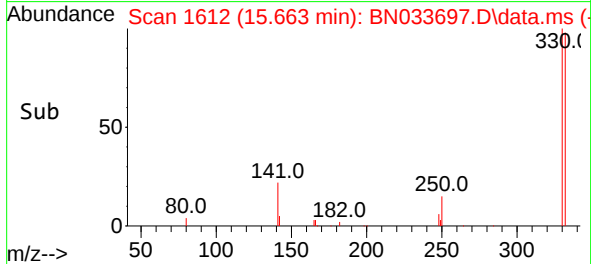
Instrument :
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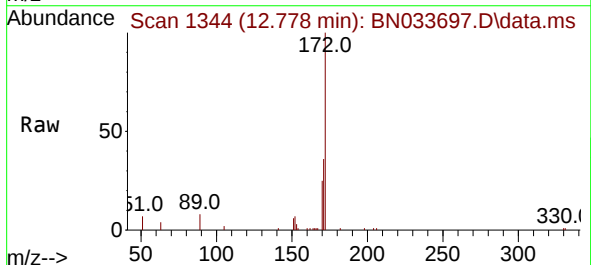
Tgt Ion: 330 Resp: 920
Ion Ratio Lower Upper
330 100
332 95.4 78.6 118.0
141 42.2 35.0 52.6

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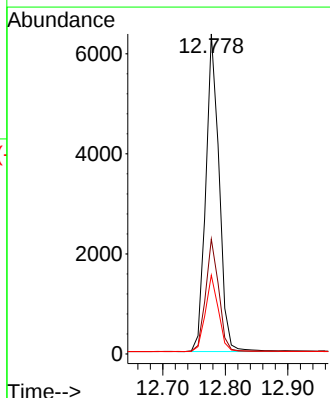
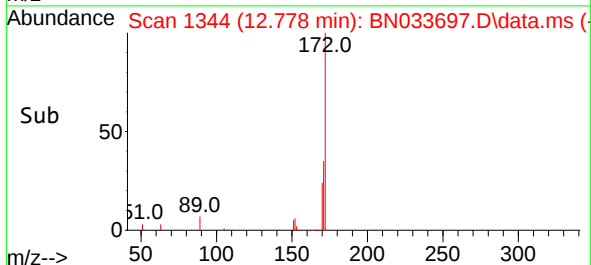
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

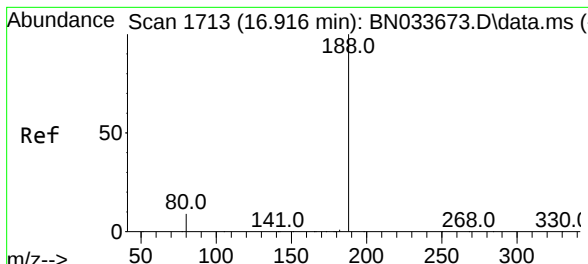


#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.778 min Scan# 1344
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06



Tgt Ion: 172 Resp: 9404
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 24.6 19.7 29.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.917 min Scan# 1713
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Instrument :

BNA_N

ClientSampleId :

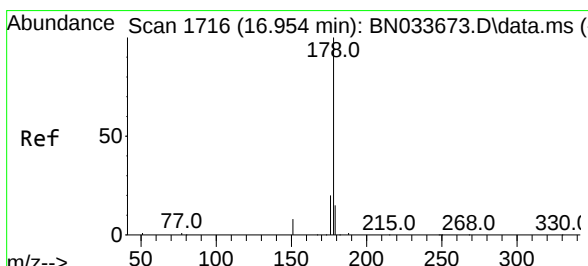
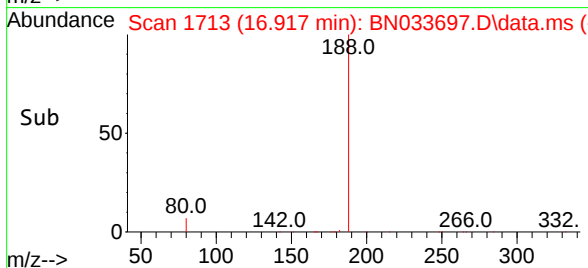
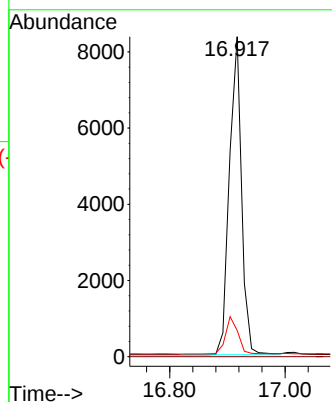
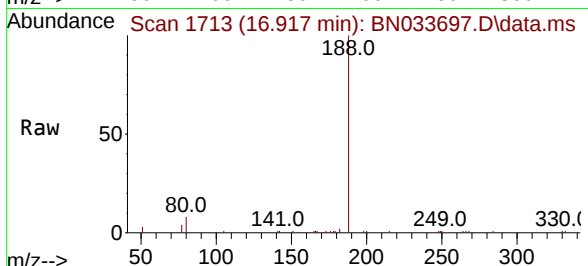
EB01-082724

Tgt Ion:188 Resp: 12279
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.4 11.0

Manual Integrations

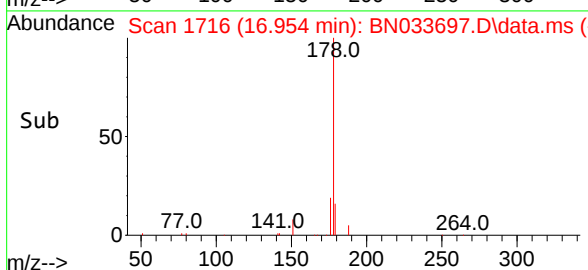
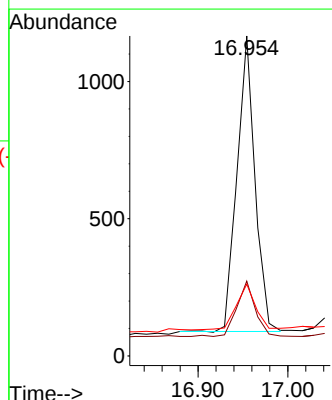
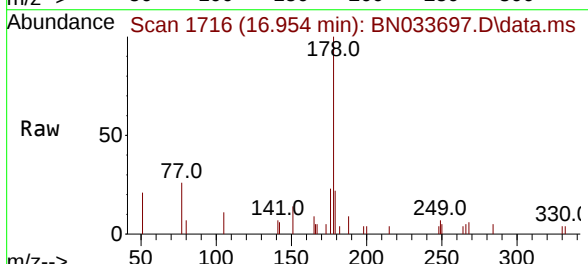
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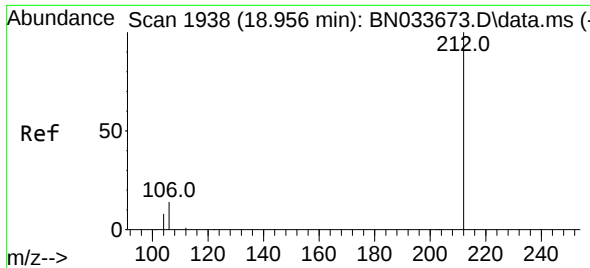
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#25
Phenanthrene
Concen: 0.044 ng
RT: 16.954 min Scan# 1716
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Tgt Ion:178 Resp: 1500
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.8 12.2 18.2





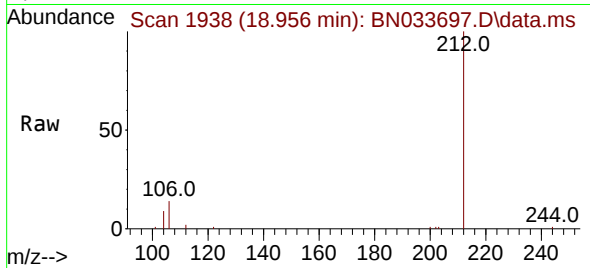
#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.956 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Instrument :

BNA_N

ClientSampleId :

EB01-082724

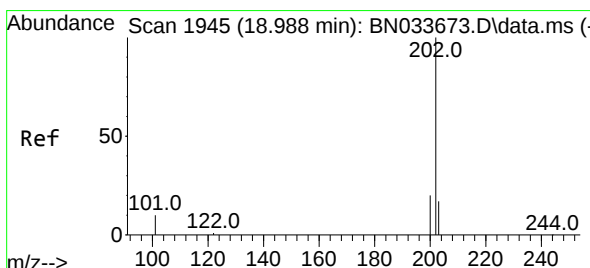
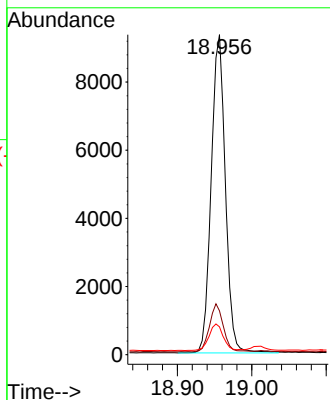
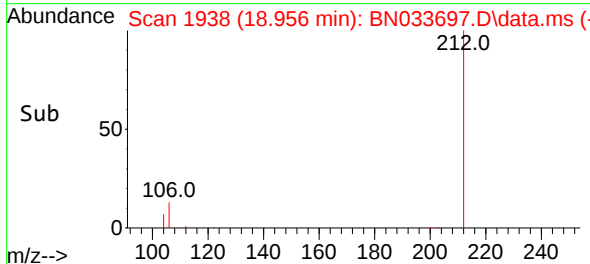


Tgt Ion:212 Resp: 12324
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 8.5 6.9 10.3

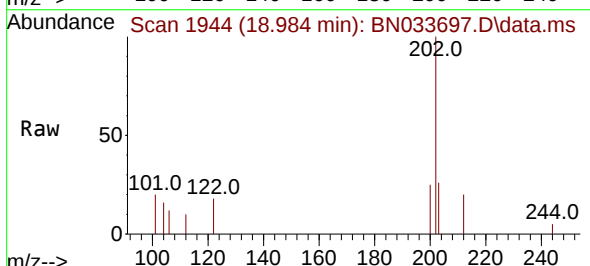
Manual Integrations

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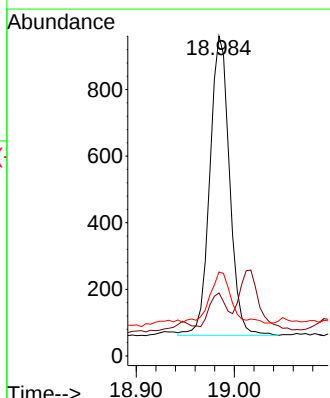
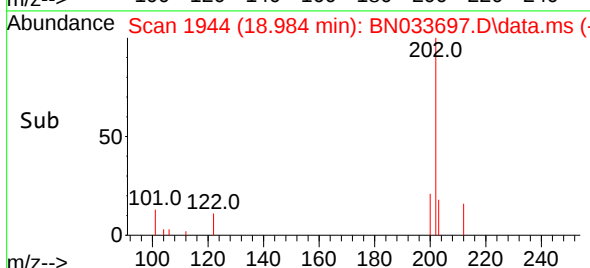
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

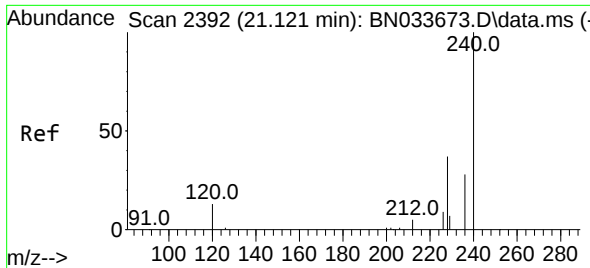


#28
Fluoranthene
Concen: 0.033 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06



Tgt Ion:202 Resp: 1252
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
203 18.1 13.8 20.8





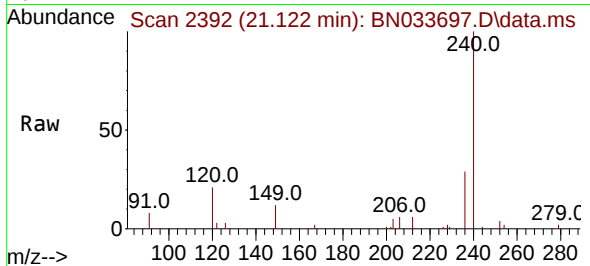
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.122 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Instrument :

BNA_N

ClientSampleId :

EB01-082724

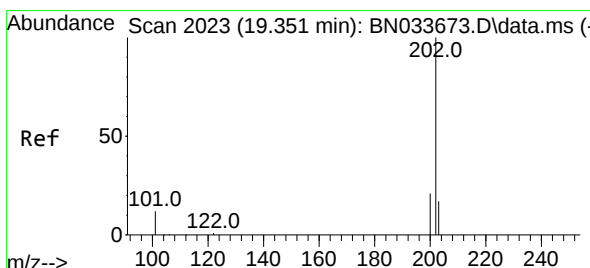
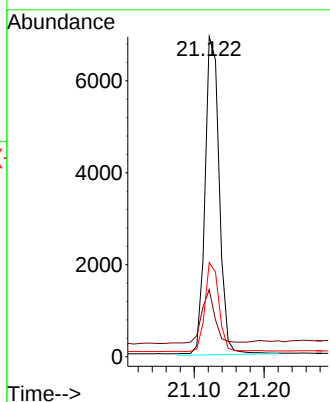
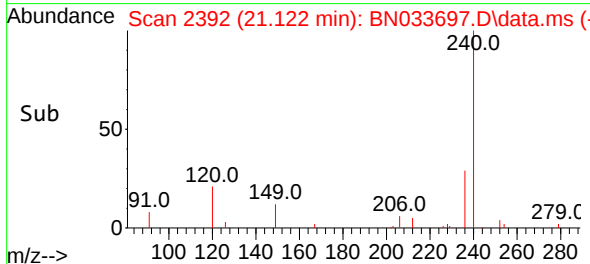


Tgt Ion:240 Resp: 986
Ion Ratio Lower Upper
240 100
120 20.9 13.3 19.9
236 29.4 23.4 35.2

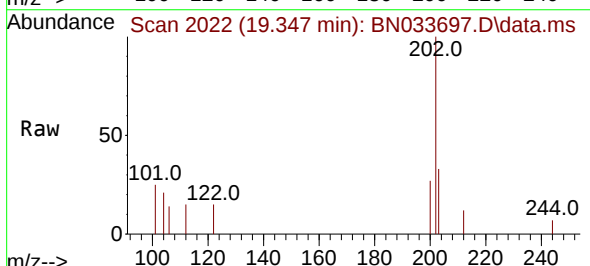
Manual Integrations

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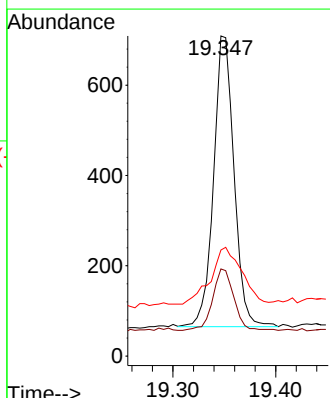
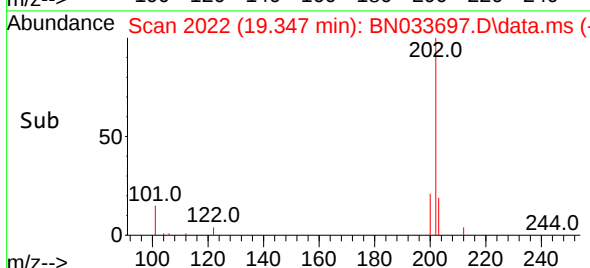
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

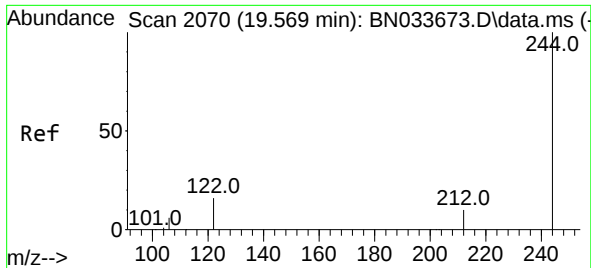


#30
Pyrene
Concen: 0.022 ng
RT: 19.347 min Scan# 2022
Delta R.T. -0.004 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06



Tgt Ion:202 Resp: 892
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 31.1 14.5 21.7#





#31
Terphenyl-d14
Concen: 0.421 ng
RT: 19.570 min Scan# 2070
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Instrument :

BNA_N

ClientSampleId :

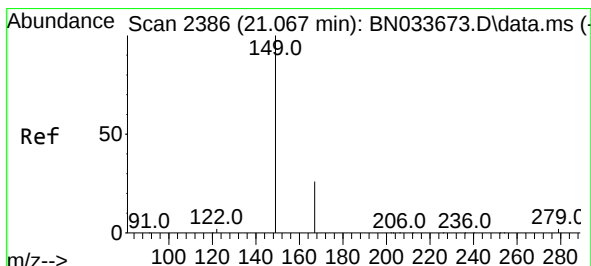
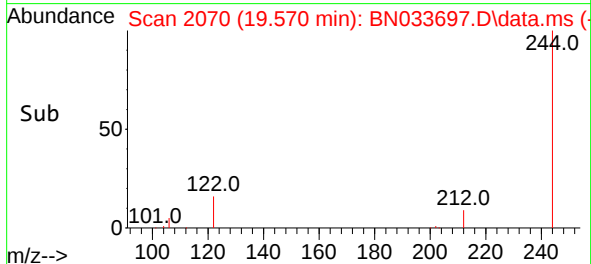
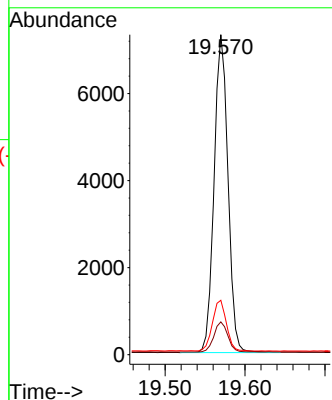
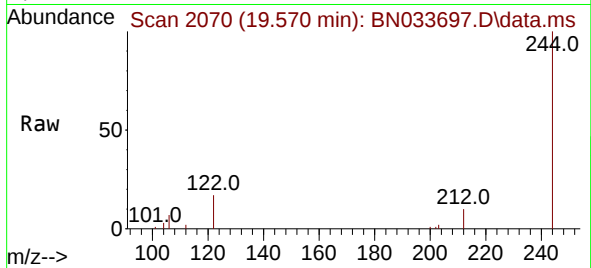
EB01-082724

Tgt Ion:244 Resp: 8789
Ion Ratio Lower Upper
244 100
212 10.2 8.2 12.4
122 17.0 13.6 20.4

Manual Integrations

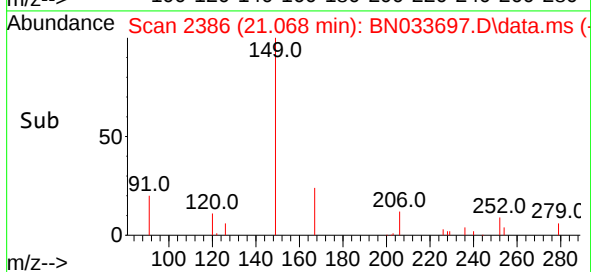
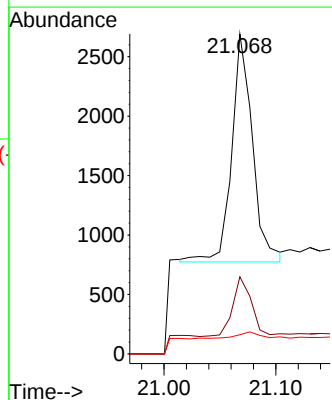
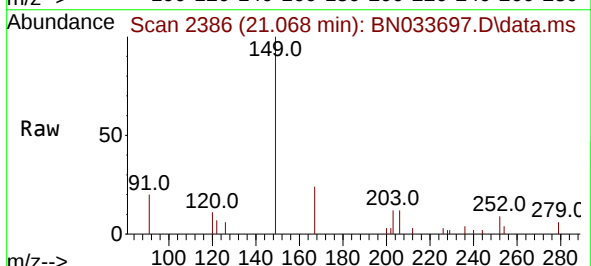
APPROVED

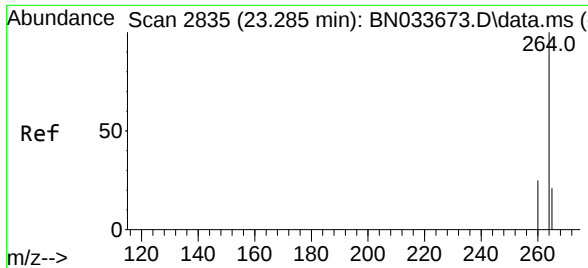
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.125 ng m
RT: 21.068 min Scan# 2386
Delta R.T. 0.001 min
Lab File: BN033697.D
Acq: 30 Aug 2024 09:06

Tgt Ion:149 Resp: 2471
Ion Ratio Lower Upper
149 100
167 33.0 28.3 42.5
279 37.3 4.2 6.2#





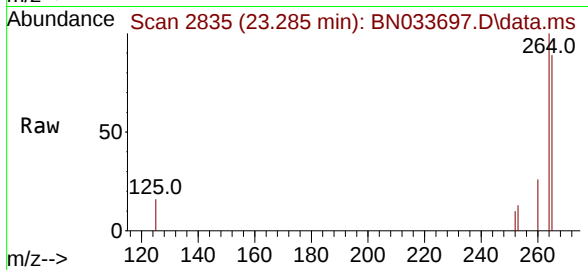
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.285 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN033697.D
 Acq: 30 Aug 2024 09:06

Instrument :

BNA_N

ClientSampleId :

EB01-082724



Tgt Ion:264 Resp: 10109
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.7 31.1
 265 89.2 69.9 104.9

Manual Integrations

APPROVED

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

