

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
 Data File : BN033711.D
 Acq On : 30 Aug 2024 18:36
 Operator : MA/JU
 Sample : P3777-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-13B-47.5-082824

Quant Time: Aug 31 00:48:56 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6299	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	16755	0.400	ng	#-0.01
13) Acenaphthene-d10	14.157	164	5607	0.400	ng	-0.01
19) Phenanthrene-d10	16.905	188	15749	0.400	ng	#-0.01
29) Chrysene-d12	21.122	240	7691	0.400	ng	0.00
35) Perylene-d12	23.280	264	804	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	3762	0.198	ng	0.00
5) Phenol-d6	6.715	99	3112	0.139	ng	0.00
8) Nitrobenzene-d5	8.659	82	4305	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	11.881	152	7111	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1392	0.517	ng	0.00
15) 2-Fluorobiphenyl	12.778	172	10552	0.446	ng	0.00
27) Fluoranthene-d10	18.952	212	11234	0.289	ng	0.00
31) Terphenyl-d14	19.570	244	11088	0.681	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.176	88	4950	0.676	ng	# 92
33) Chrysene	21.157	228	727	0.026	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.068	149	2421m	0.157	ng	
36) Indeno(1,2,3-cd)pyrene	25.423	276	445	0.129	ng	# 79
37) Benzo(b)fluoranthene	22.639	252	799	0.270	ng	# 1
38) Benzo(k)fluoranthene	22.680	252	502	0.173	ng	# 1
40) Dibenzo(a,h)anthracene	25.437	278	573	0.209	ng	# 1
41) Benzo(g,h,i)perylene	26.066	276	356	0.119	ng	# 1

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

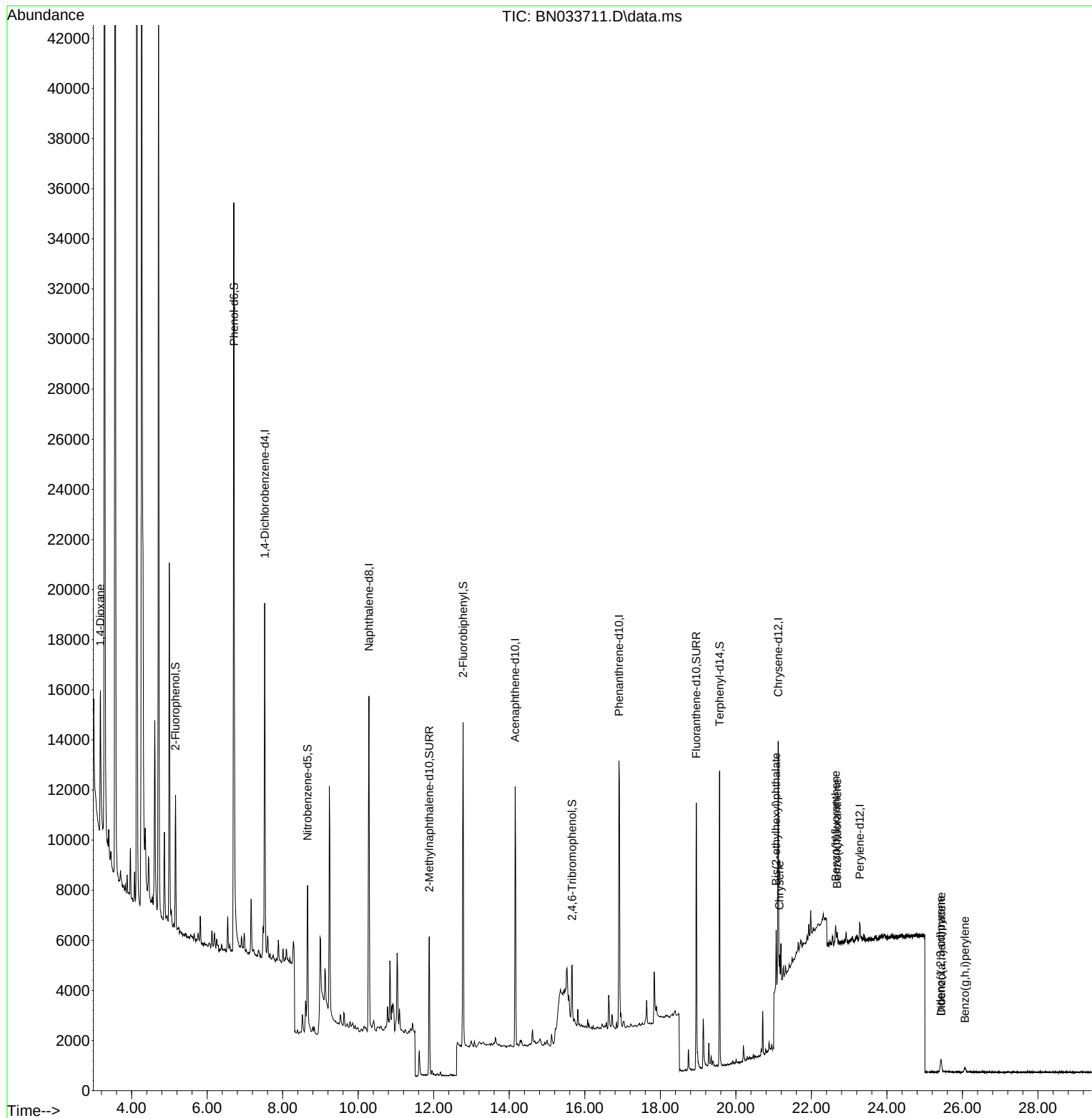
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Data File : BN033711.D
Acq On : 30 Aug 2024 18:36
Operator : MA/JU
Sample : P3777-04
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ALS Vial : 6 Sample Multiplier: 1

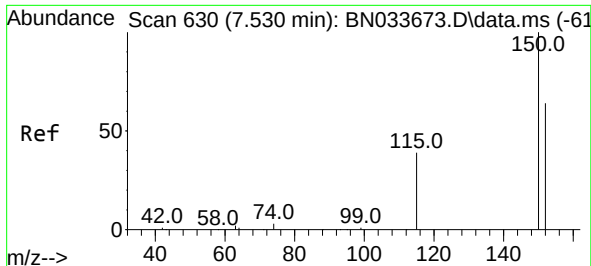
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-082824

Quant Time: Aug 31 00:48:56 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

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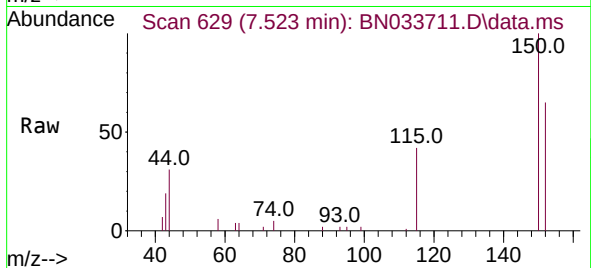
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.523 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

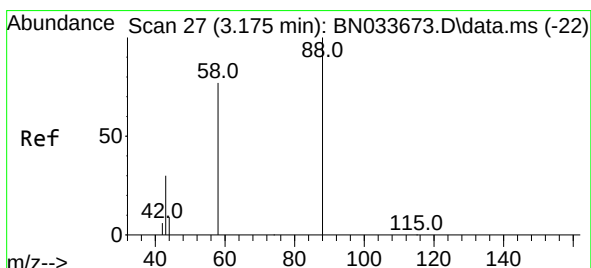
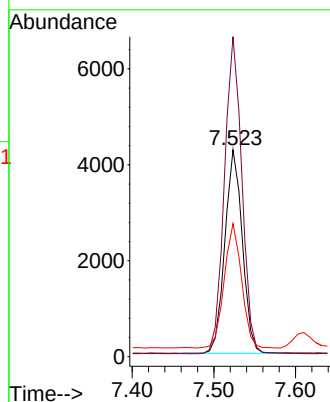
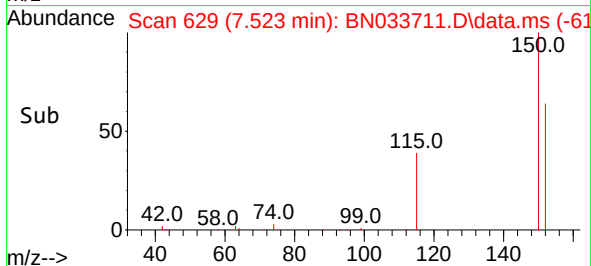
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-082824



Tgt Ion:152 Resp: 6299
Ion Ratio Lower Upper
152 100
150 154.7 123.4 185.0
115 64.3 51.3 76.9

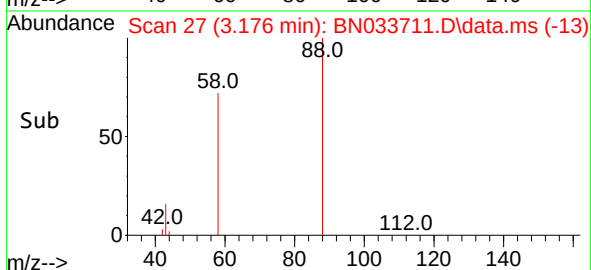
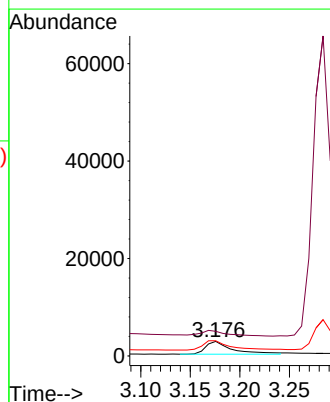
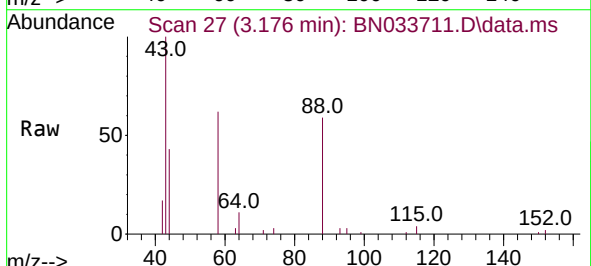
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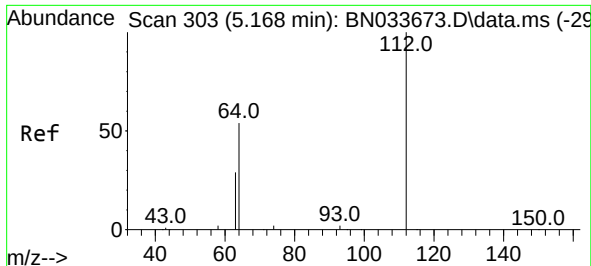
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Supervised By :mohammad ahmed 09/02/2024



#2
1,4-Dioxane
Concen: 0.676 ng
RT: 3.176 min Scan# 27
Delta R.T. 0.001 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

Tgt Ion: 88 Resp: 4950
Ion Ratio Lower Upper
88 100
43 42.3 26.8 40.2#
58 74.6 63.4 95.0





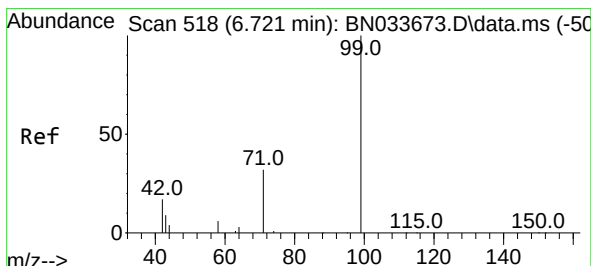
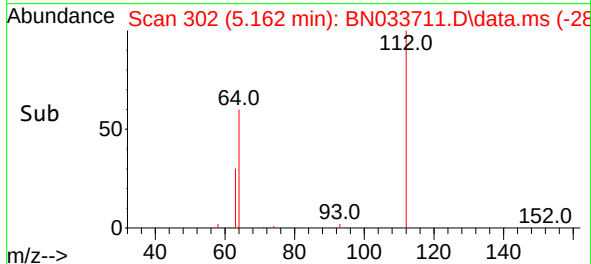
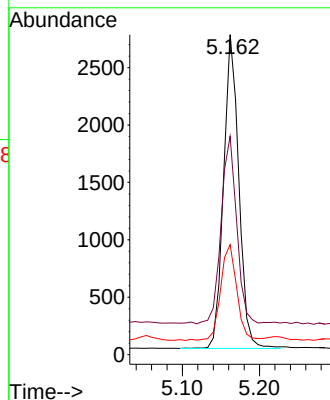
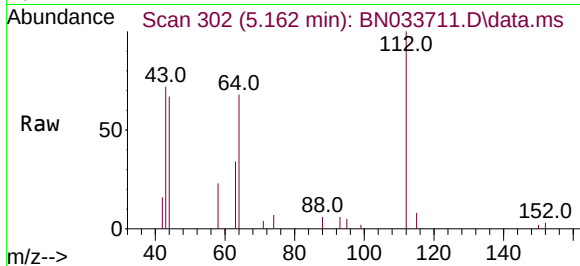
#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.162 min Scan# 303
Delta R.T. -0.007 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-082824

Tgt Ion:112 Resp: 3762
Ion Ratio Lower Upper
112 100
64 60.2 48.6 72.8
63 32.2 26.6 39.8

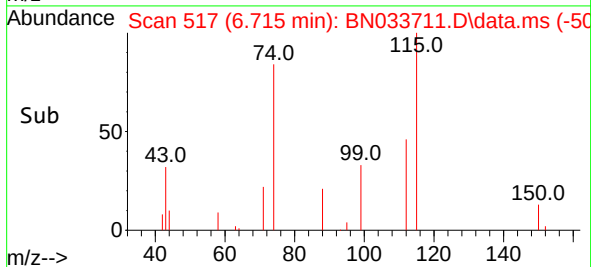
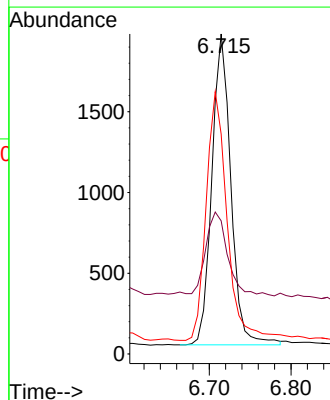
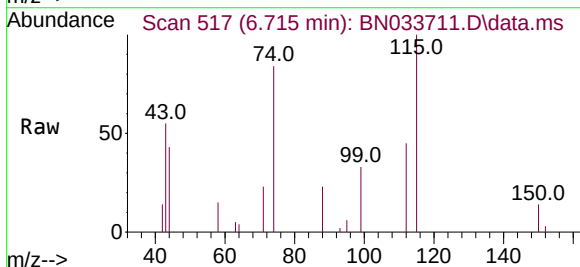
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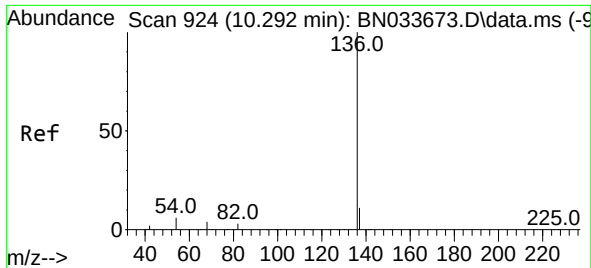
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#5
Phenol-d6
Concen: 0.139 ng
RT: 6.715 min Scan# 517
Delta R.T. -0.007 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

Tgt Ion: 99 Resp: 3112
Ion Ratio Lower Upper
99 100
42 32.0 17.8 26.8#
71 88.3 28.0 42.0#





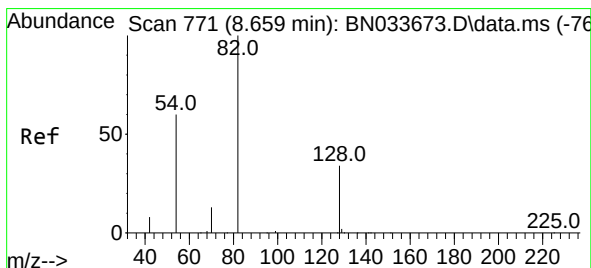
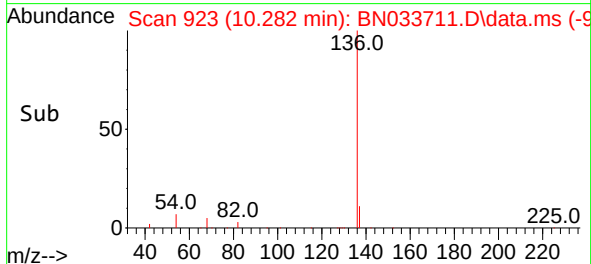
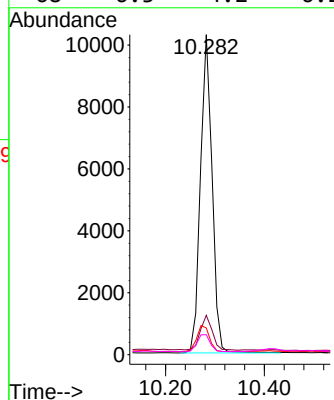
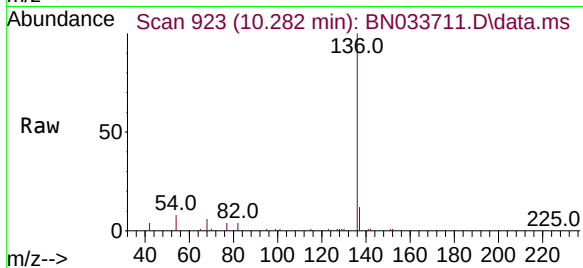
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 911
Delta R.T. -0.010 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-082824

Tgt Ion:136	Resp:	1675
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.1 13.7
54	8.4	5.8 8.6
68	6.3	4.2 6.2

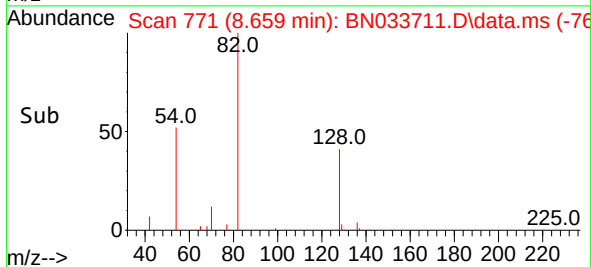
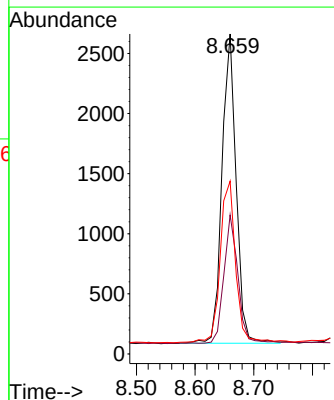
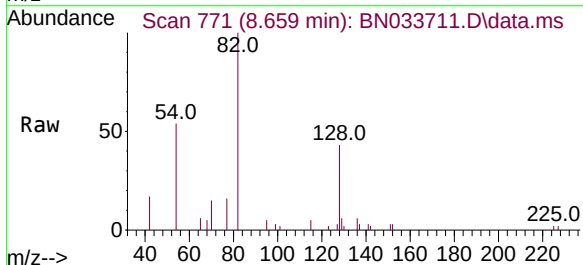
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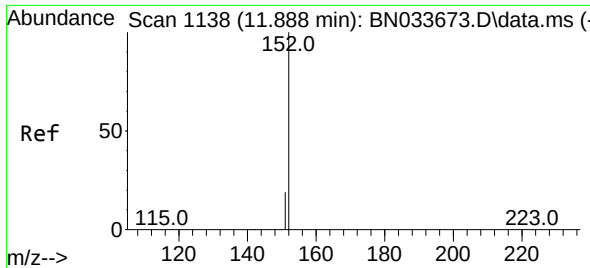
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.001 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

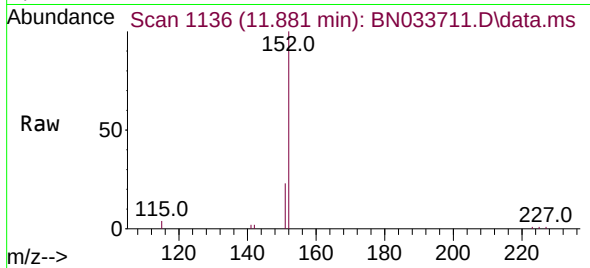
Tgt Ion: 82	Resp:	4305
Ion Ratio	Lower	Upper
82	100	
128	43.4	29.3 43.9
54	54.0	49.4 74.0





#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 11.881 min Scan# 1138
Delta R.T. -0.007 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

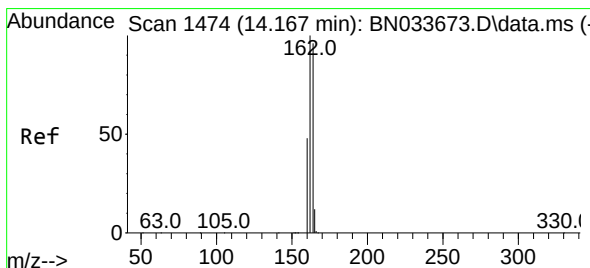
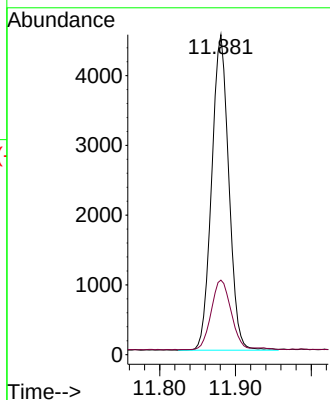
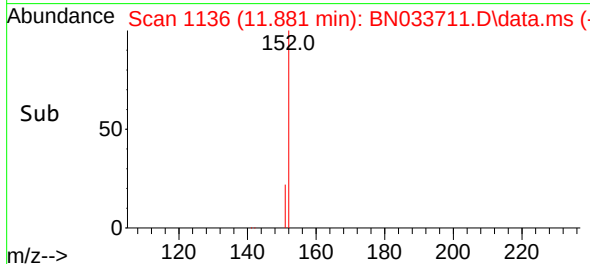
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-082824



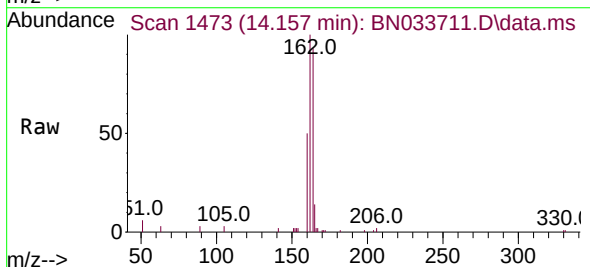
Tgt Ion:152 Resp: 711
Ion Ratio Lower Upper
152 100
151 25.4 16.7 25.1

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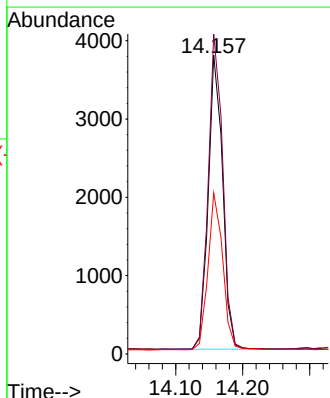
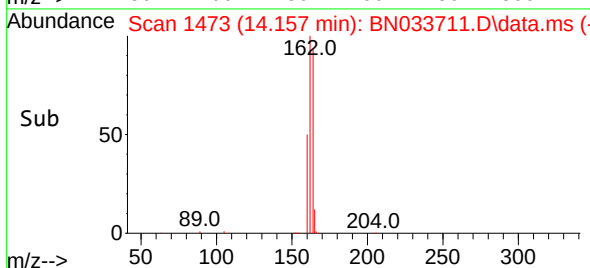
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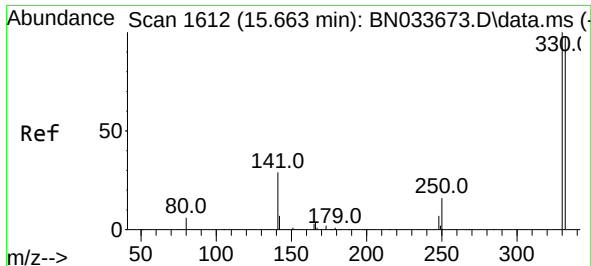


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.157 min Scan# 1473
Delta R.T. -0.010 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36



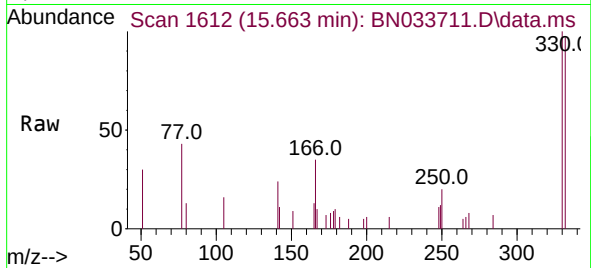
Tgt Ion:164 Resp: 5607
Ion Ratio Lower Upper
164 100
162 107.1 83.4 125.2
160 53.9 40.2 60.2





#14
2,4,6-Tribromophenol
Concen: 0.517 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.001 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

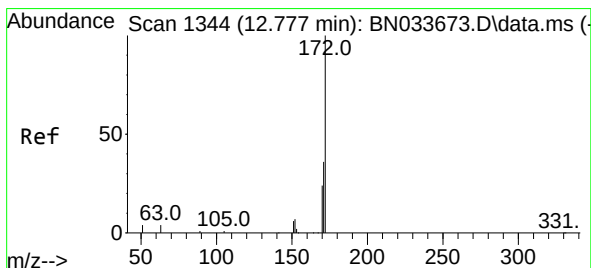
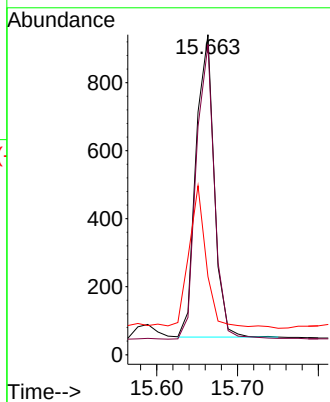
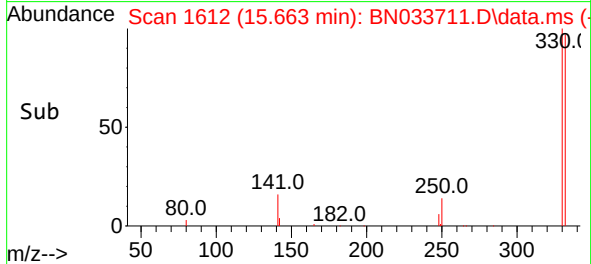
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BNA_N
ClientSampleId :
MW-13B-47.5-082824



Tgt Ion:330 Resp: 1392
Ion Ratio Lower Upper
330 100
332 98.0 78.6 118.0
141 45.6 35.0 52.6

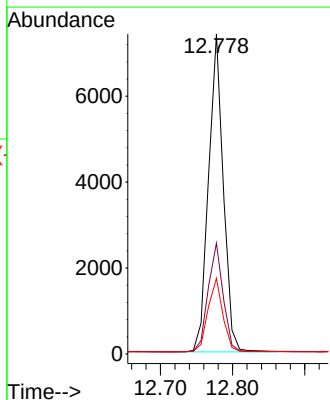
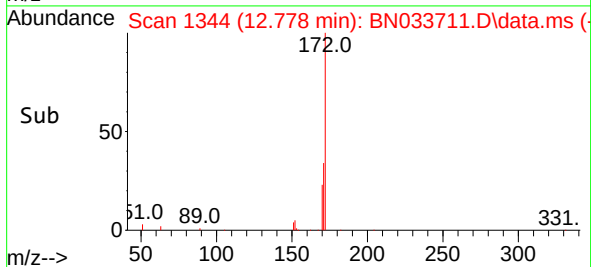
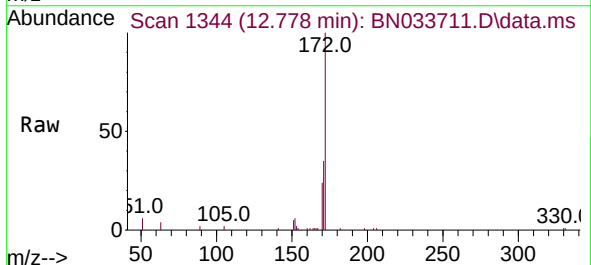
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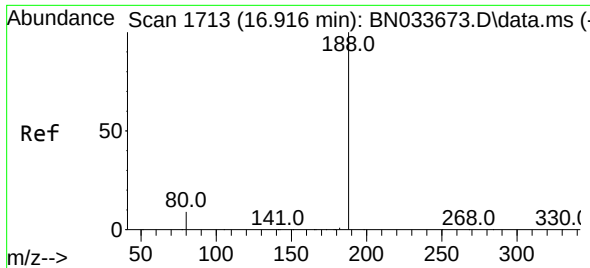
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 12.778 min Scan# 1344
Delta R.T. 0.001 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

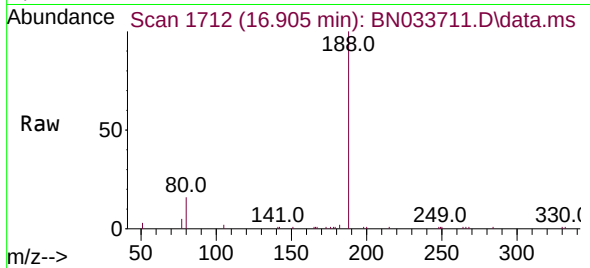
Tgt Ion:172 Resp: 10552
Ion Ratio Lower Upper
172 100
171 34.7 29.2 43.8
170 23.7 19.7 29.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.905 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

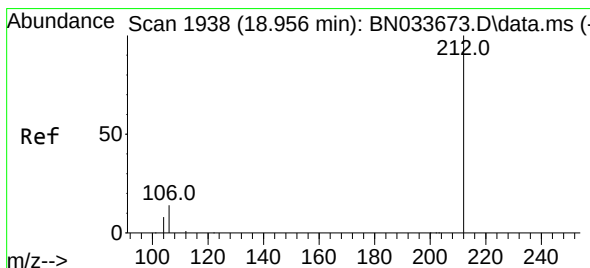
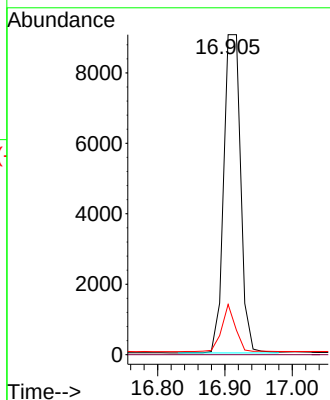
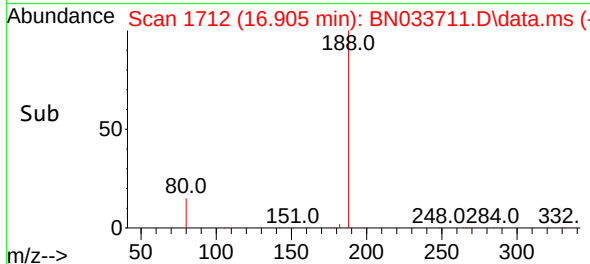
Instrument :
BNA_N
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MW-13B-47.5-082824



Tgt Ion:188 Resp: 15749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 7.4 11.0

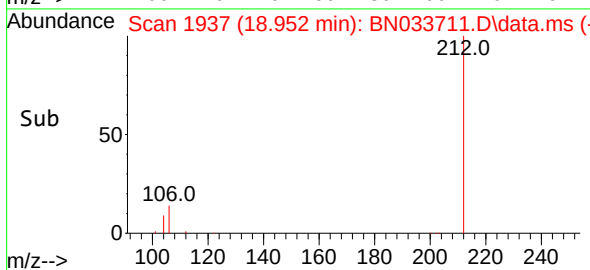
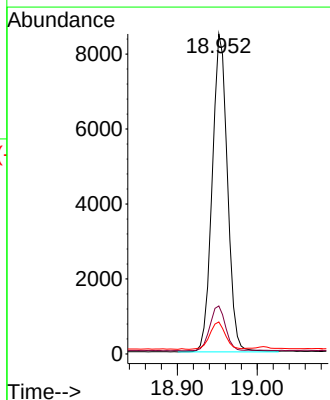
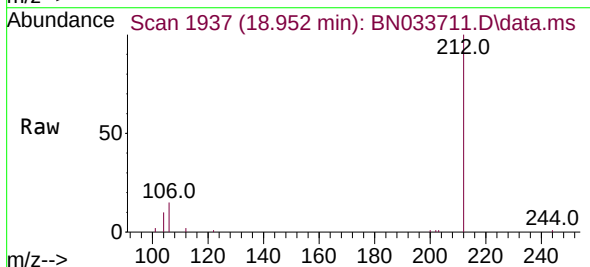
Manual Integrations
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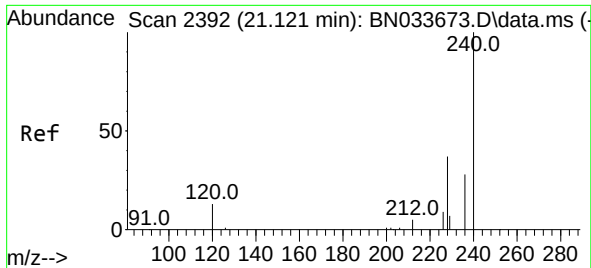
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#27
Fluoranthene-d10
Concen: 0.289 ng
RT: 18.952 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

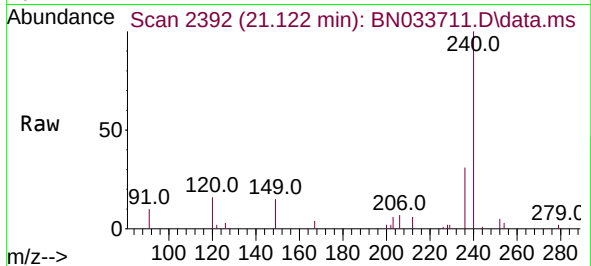
Tgt Ion:212 Resp: 11234
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 8.7 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.122 min Scan# 211
Delta R.T. 0.001 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

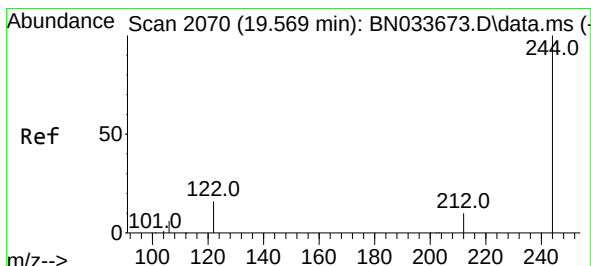
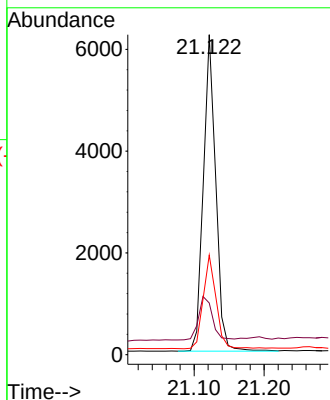
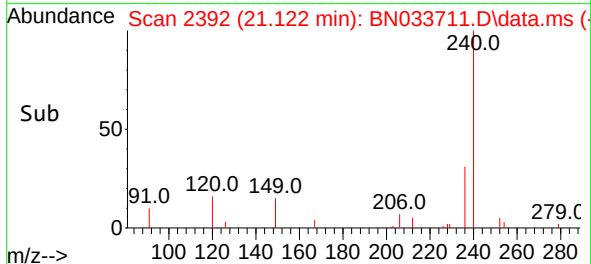
Instrument :
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ClientSampleId :
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Tgt Ion:240 Resp: 769
Ion Ratio Lower Upper
240 100
120 16.2 13.3 19.9
236 31.1 23.4 35.2

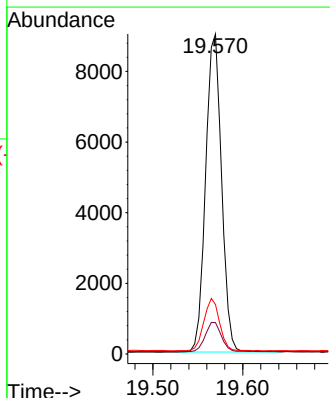
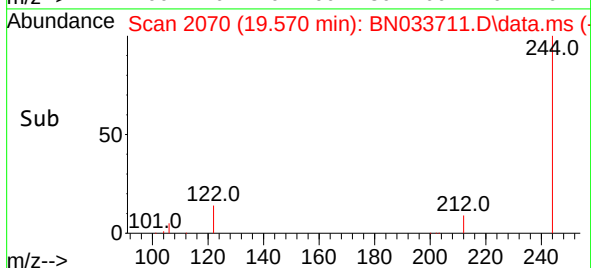
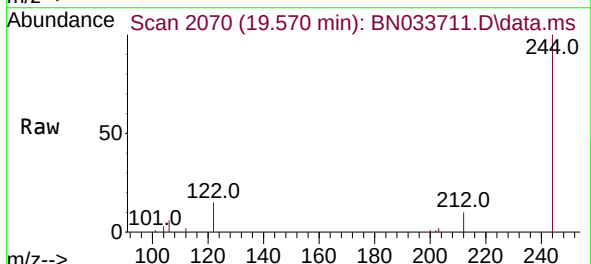
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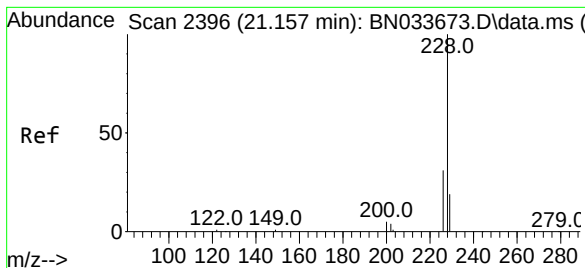
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#31
Terphenyl-d14
Concen: 0.681 ng
RT: 19.570 min Scan# 2070
Delta R.T. 0.001 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

Tgt Ion:244 Resp: 11088
Ion Ratio Lower Upper
244 100
212 9.8 8.2 12.4
122 15.4 13.6 20.4





#33

Chrysene

Concen: 0.026 ng

RT: 21.157 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN033711.D

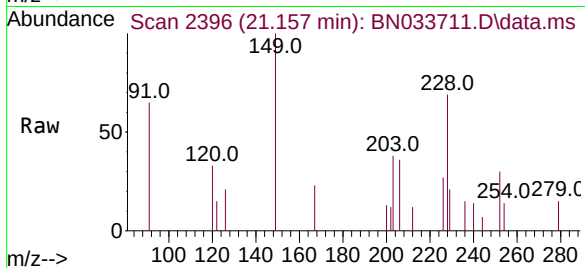
Acq: 30 Aug 2024 18:36

Instrument :

BNA_N

ClientSampleId :

MW-13B-47.5-082824



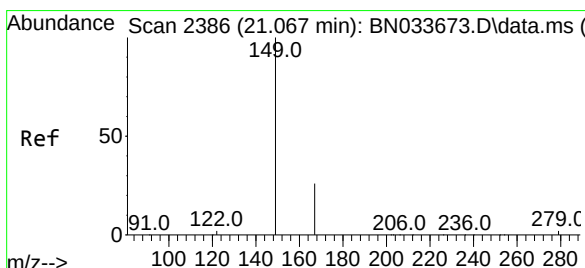
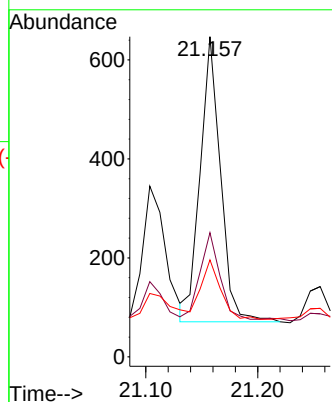
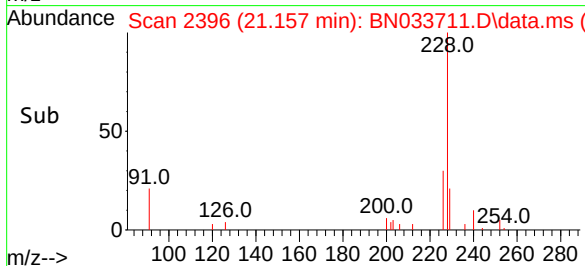
Tgt Ion:	228	Resp:	72
Ion Ratio	Lower	Upper	
228	100		
226	38.8	24.7	37.1
229	30.3	15.6	23.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024



#34

Bis(2-ethylhexyl)phthalate

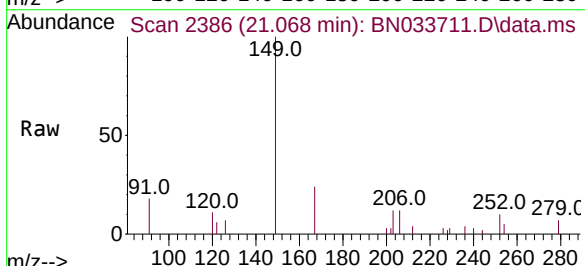
Concen: 0.157 ng m

RT: 21.068 min Scan# 2386

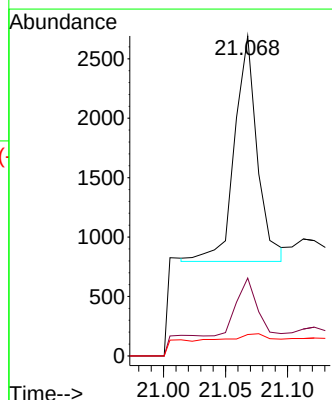
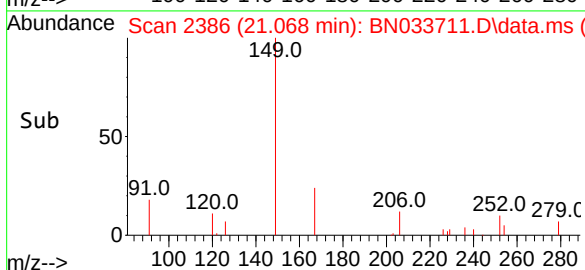
Delta R.T. 0.001 min

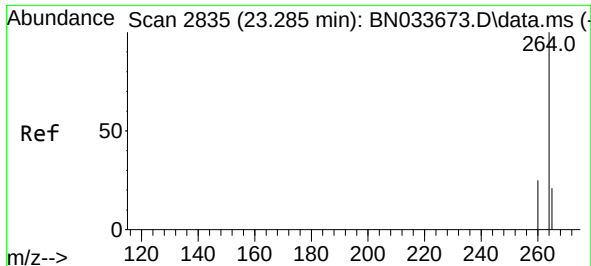
Lab File: BN033711.D

Acq: 30 Aug 2024 18:36



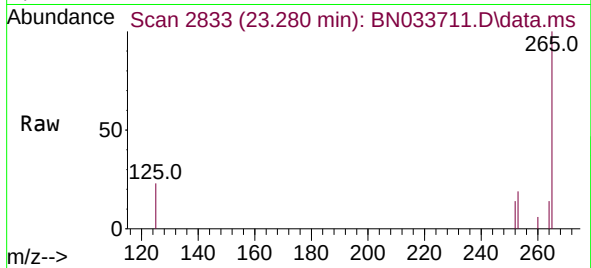
Tgt Ion:	149	Resp:	2421
Ion Ratio	Lower	Upper	
149	100		
167	30.4	28.3	42.5
279	5.3	4.2	6.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.280 min Scan# 2833
 Delta R.T. -0.005 min
 Lab File: BN033711.D
 Acq: 30 Aug 2024 18:36

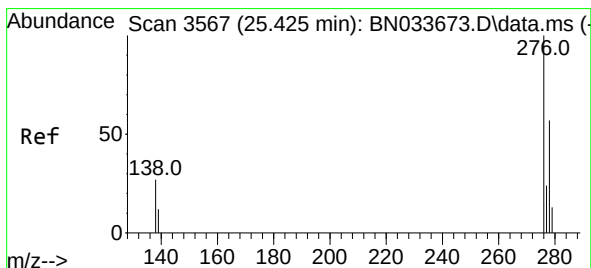
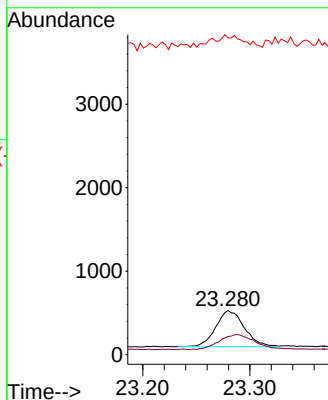
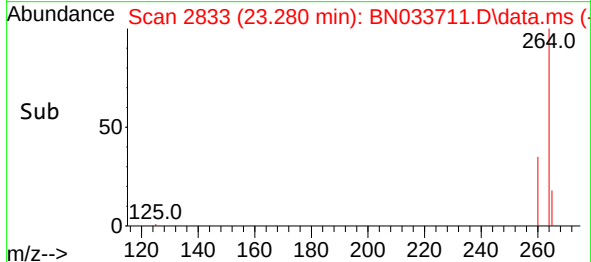
Instrument :
 BNA_N
 ClientSampleId :
 MW-13B-47.5-082824



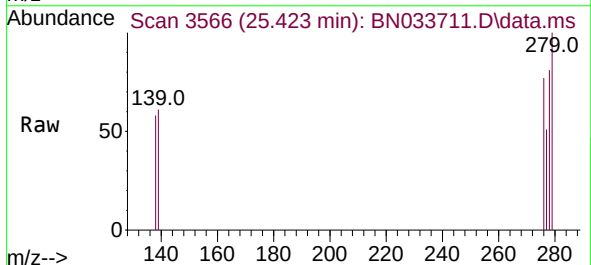
Tgt Ion:264 Resp: 804
 Ion Ratio Lower Upper
 264 100
 260 41.4 20.7 31.1#
 265 717.4 69.9 104.9#

Manual Integrations
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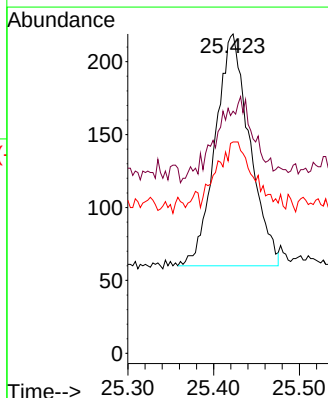
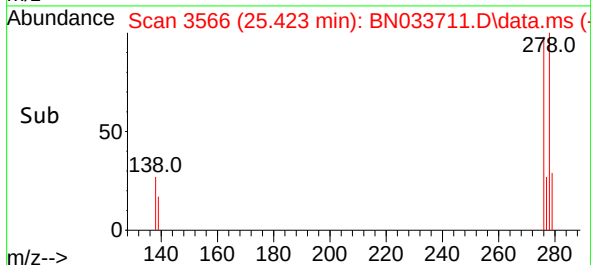
Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024

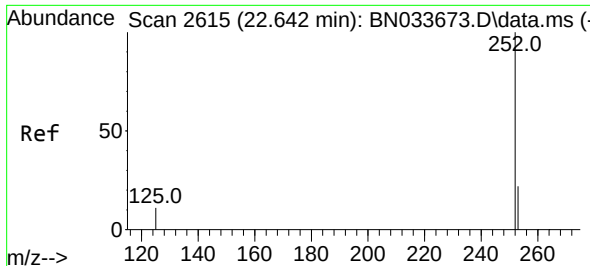


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.129 ng
 RT: 25.423 min Scan# 3566
 Delta R.T. -0.002 min
 Lab File: BN033711.D
 Acq: 30 Aug 2024 18:36



Tgt Ion:276 Resp: 445
 Ion Ratio Lower Upper
 276 100
 138 13.3 23.3 34.9#
 277 30.3 19.8 29.6#





#37

Benzo(b)fluoranthene

Concen: 0.270 ng

RT: 22.639 min Scan# 2614

Delta R.T. -0.002 min

Lab File: BN033711.D

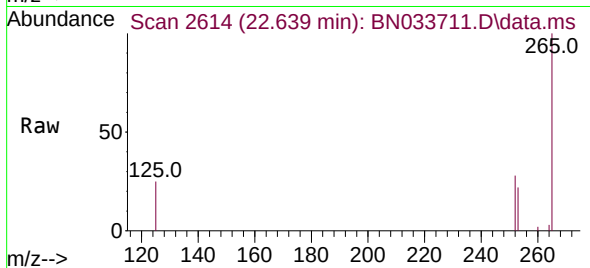
Acq: 30 Aug 2024 18:36

Instrument :

BNA_N

ClientSampleId :

MW-13B-47.5-082824



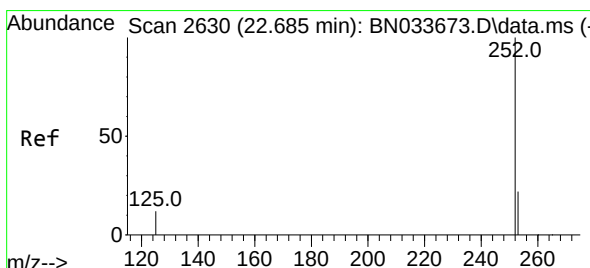
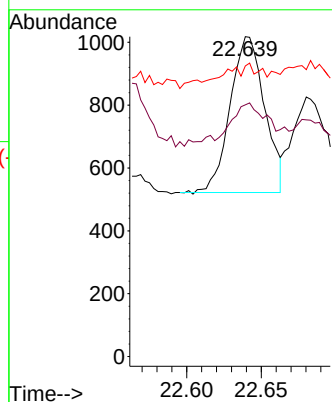
Tgt Ion:	252	Resp:	799
Ion	Ratio	Lower	Upper
252	100		
253	78.7	21.6	32.4
125	90.9	15.2	22.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024



#38

Benzo(k)fluoranthene

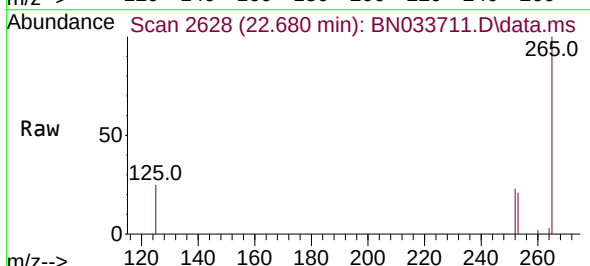
Concen: 0.173 ng

RT: 22.680 min Scan# 2628

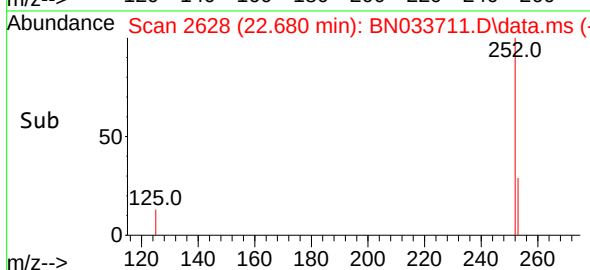
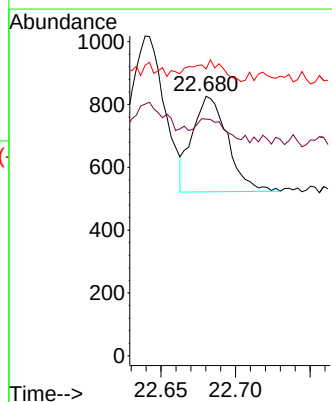
Delta R.T. -0.005 min

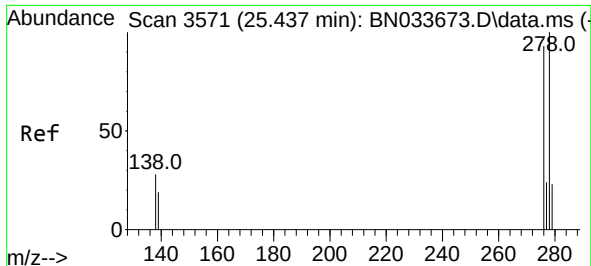
Lab File: BN033711.D

Acq: 30 Aug 2024 18:36



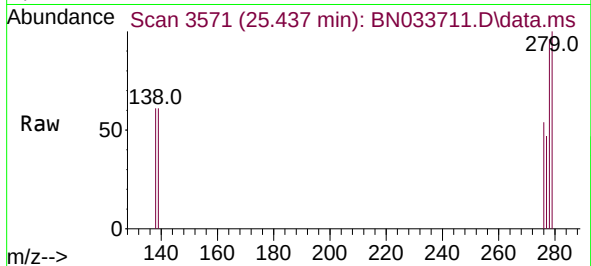
Tgt Ion:	252	Resp:	502
Ion	Ratio	Lower	Upper
252	100		
253	91.2	21.4	32.2
125	110.5	15.8	23.6





#40
Dibenzo(a,h)anthracene
Concen: 0.209 ng
RT: 25.437 min Scan# 3571
Delta R.T. 0.001 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36

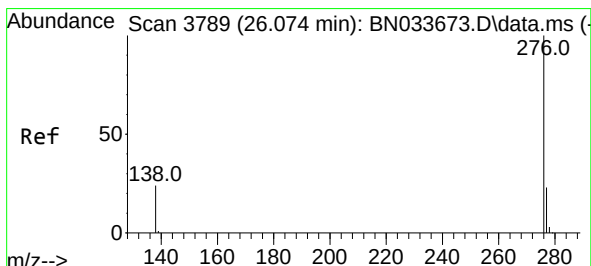
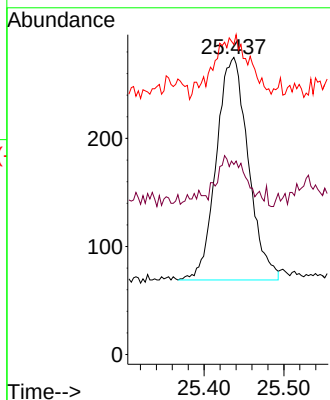
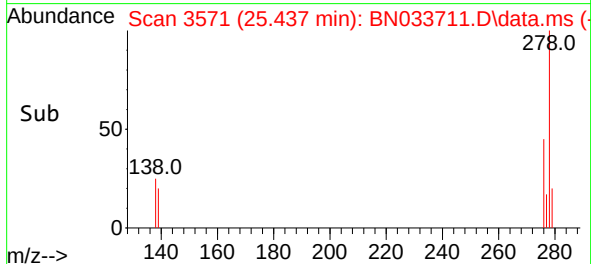
Instrument :
BNA_N
ClientSampleId :
MW-13B-47.5-082824



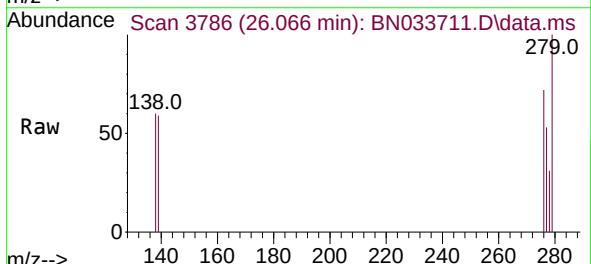
Tgt Ion:278 Resp: 571
Ion Ratio Lower Upper
278 100
139 64.0 17.2 25.8#
279 104.4 22.2 33.4#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#41
Benzo(g,h,i)perylene
Concen: 0.119 ng
RT: 26.066 min Scan# 3786
Delta R.T. -0.008 min
Lab File: BN033711.D
Acq: 30 Aug 2024 18:36



Tgt Ion:276 Resp: 356
Ion Ratio Lower Upper
276 100
277 73.4 20.2 30.2#
138 83.6 21.1 31.7#

