

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
 Data File : BN033713.D
 Acq On : 30 Aug 2024 19:48
 Operator : MA/JU
 Sample : P3777-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-01B-66.5-082824

Quant Time: Aug 31 00:49:24 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	5761	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	15170	0.400	ng	#-0.01
13) Acenaphthene-d10	14.156	164	7326	0.400	ng	-0.01
19) Phenanthrene-d10	16.917	188	15107	0.400	ng	0.00
29) Chrysene-d12	21.121	240	10451	0.400	ng	0.00
35) Perylene-d12	23.279	264	9979	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	3468	0.200	ng	0.00
5) Phenol-d6	6.714	99	2754	0.135	ng	0.00
8) Nitrobenzene-d5	8.659	82	4470	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	11.881	152	7495	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1253	0.356	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	10801	0.350	ng	0.00
27) Fluoranthene-d10	18.952	212	15531	0.417	ng	0.00
31) Terphenyl-d14	19.569	244	12147	0.549	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	445	0.066	ng	# 1
28) Fluoranthene	18.984	202	1119	0.024	ng	96
32) Benzo(a)anthracene	21.103	228	1227	0.033	ng	# 88
33) Chrysene	21.157	228	1548	0.041	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.068	149	2775m	0.133	ng	
36) Indeno(1,2,3-cd)pyrene	25.417	276	1640	0.038	ng	98
37) Benzo(b)fluoranthene	22.639	252	1754	0.048	ng	# 29
38) Benzo(k)fluoranthene	22.680	252	1493	0.041	ng	# 24
39) Benzo(a)pyrene	23.183	252	781	0.025	ng	# 1
40) Dibenzo(a,h)anthracene	25.434	278	1272	0.037	ng	# 40
41) Benzo(g,h,i)perylene	26.069	276	1260	0.034	ng	# 63

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

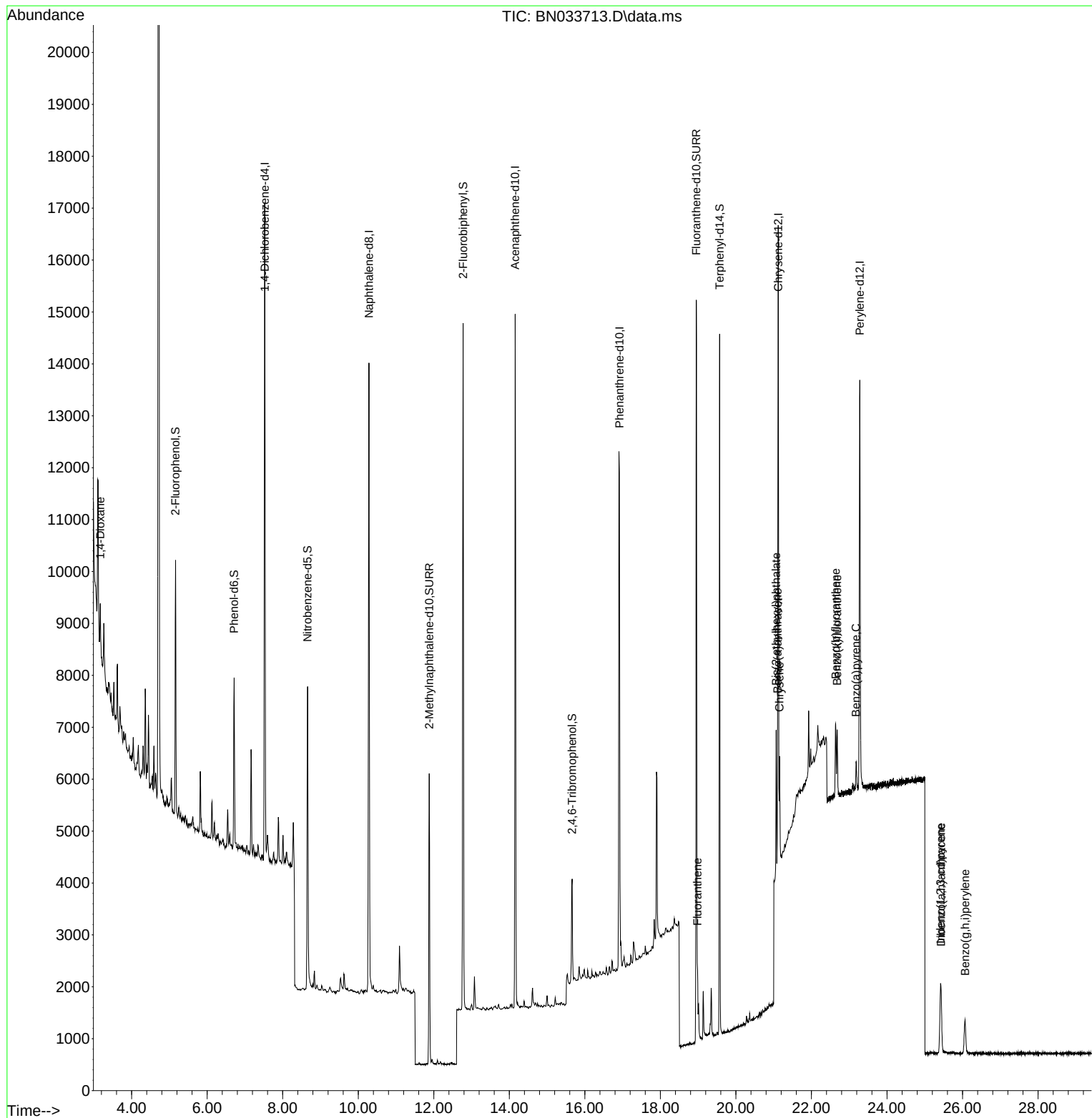
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Data File : BN033713.D
Acq On : 30 Aug 2024 19:48
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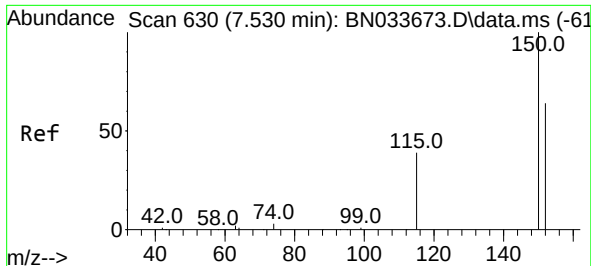
Instrument :
BNA_N
ClientSampleId :
MW-01B-66.5-082824

Quant Time: Aug 31 00:49:24 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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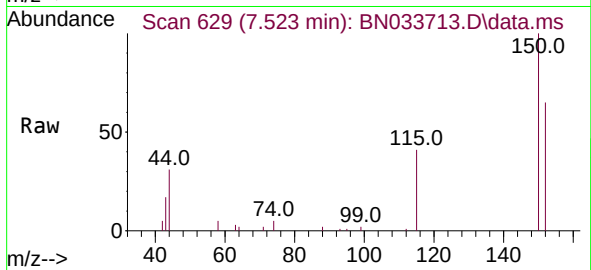
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.523 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033713.D
 Acq: 30 Aug 2024 19:48

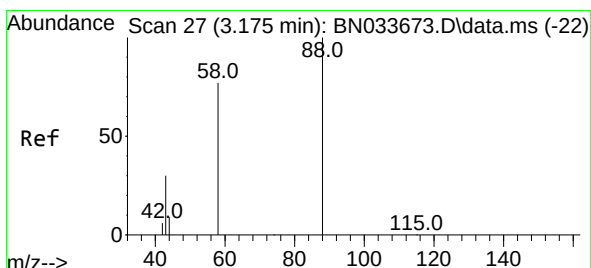
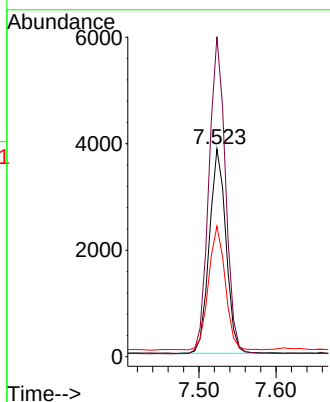
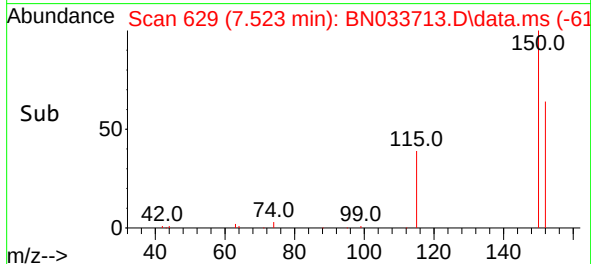
Instrument :
 BNA_N
 ClientSampleId :
 MW-01B-66.5-082824



Tgt Ion:152 Resp: 576
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.4 185.0
 115 62.8 51.3 76.9

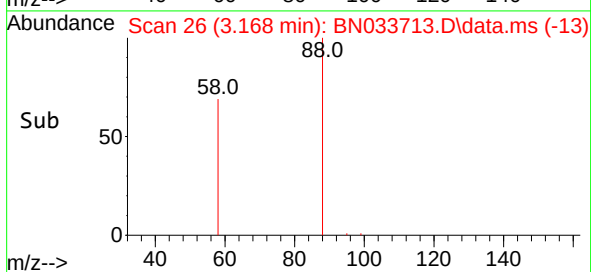
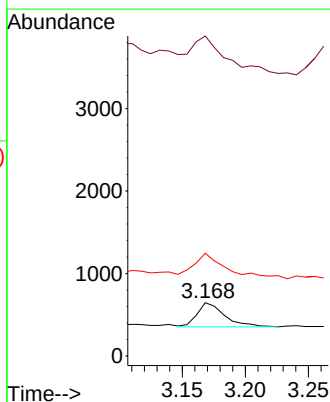
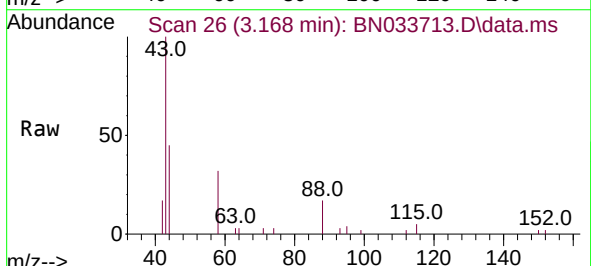
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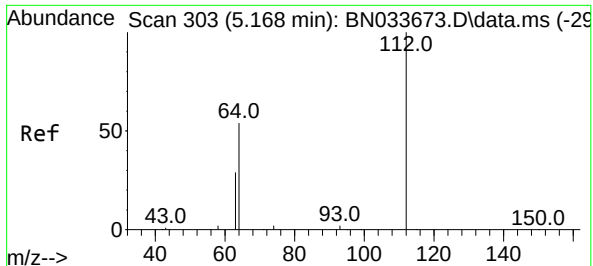
Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024



#2
 1,4-Dioxane
 Concen: 0.066 ng
 RT: 3.168 min Scan# 26
 Delta R.T. -0.007 min
 Lab File: BN033713.D
 Acq: 30 Aug 2024 19:48

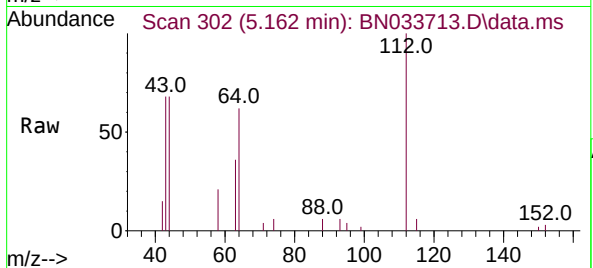
Tgt Ion: 88 Resp: 445
 Ion Ratio Lower Upper
 88 100
 43 193.7 26.8 40.2#
 58 126.1 63.4 95.0#





#4
2-Fluorophenol
Concen: 0.200 ng
RT: 5.162 min Scan# 303
Delta R.T. -0.007 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

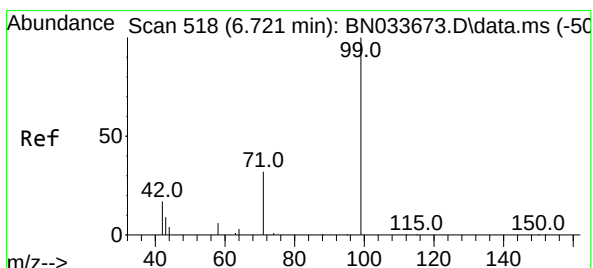
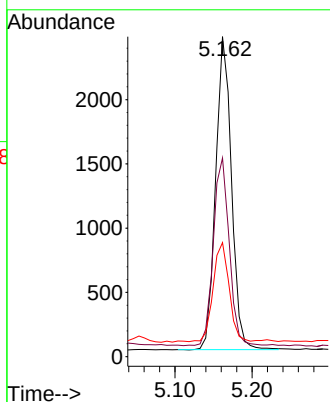
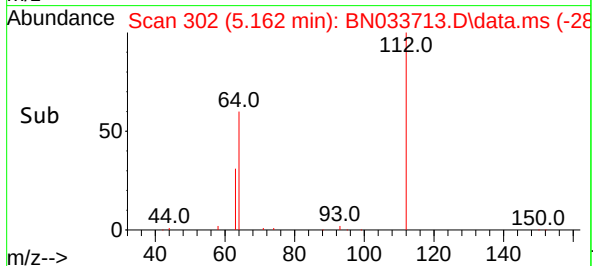
Instrument :
BNA_N
ClientSampleId :
MW-01B-66.5-082824



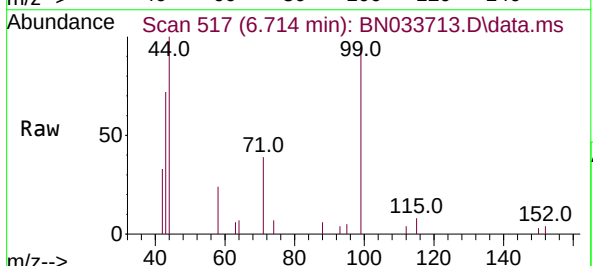
Tgt Ion:112 Resp: 3468
Ion Ratio Lower Upper
112 100
64 60.2 48.6 72.8
63 32.8 26.6 39.8

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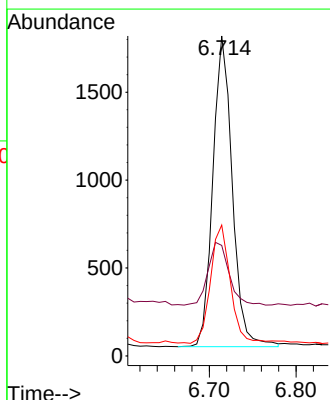
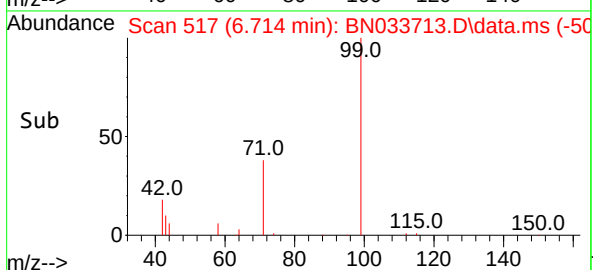
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

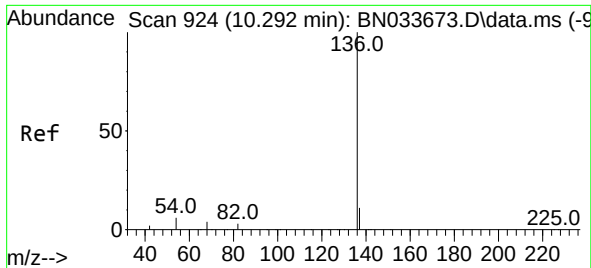


#5
Phenol-d6
Concen: 0.135 ng
RT: 6.714 min Scan# 517
Delta R.T. -0.007 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48



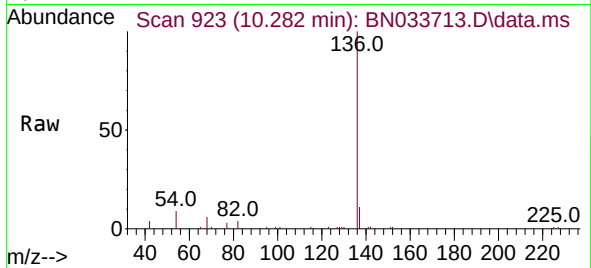
Tgt Ion: 99 Resp: 2754
Ion Ratio Lower Upper
99 100
42 21.6 17.8 26.8
71 38.7 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

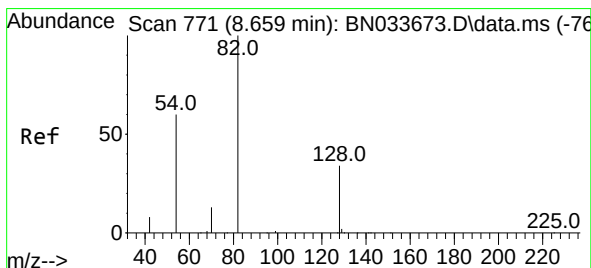
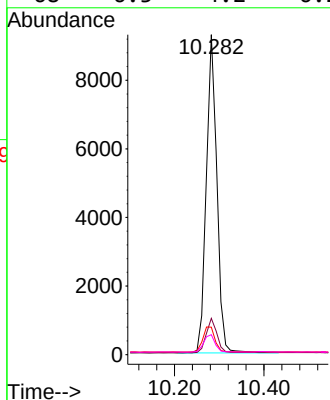
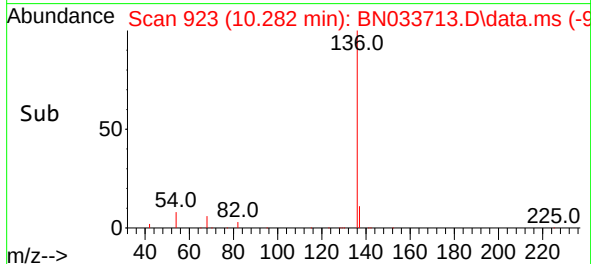
Instrument :
BNA_N
ClientSampleId :
MW-01B-66.5-082824



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.6	5.8	8.6
68	6.3	4.2	6.2

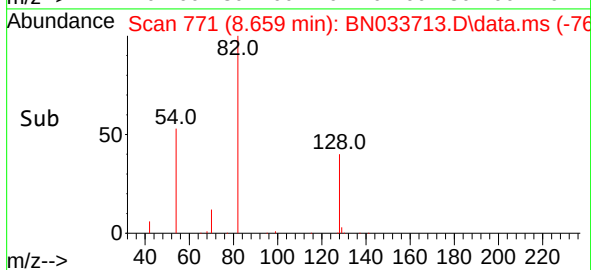
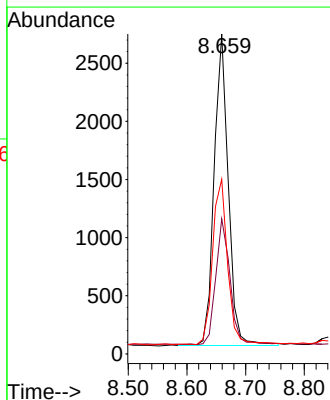
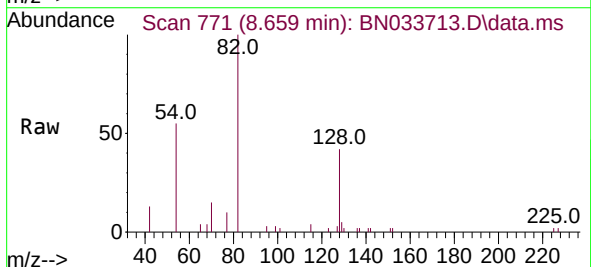
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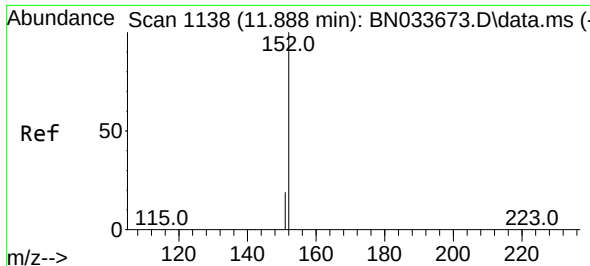
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

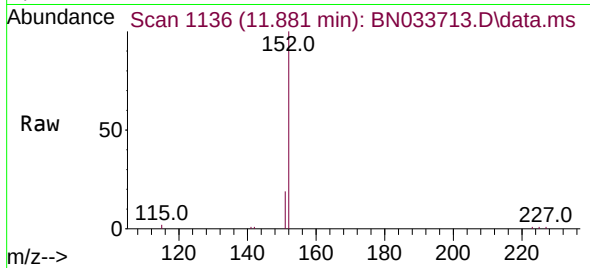
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.3	43.9
54	54.6	49.4	74.0





#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 11.881 min Scan# 1138
Delta R.T. -0.007 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

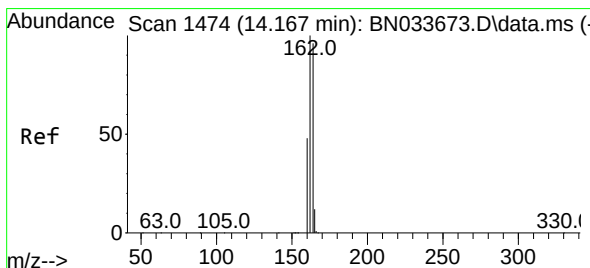
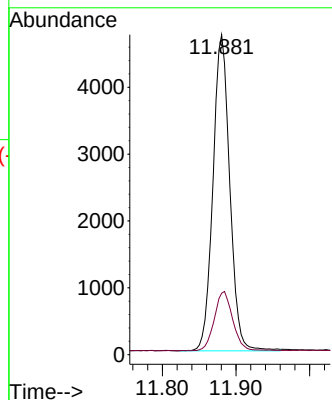
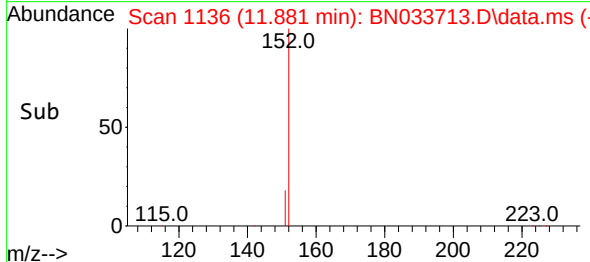
Instrument :
BNA_N
ClientSampleId :
MW-01B-66.5-082824



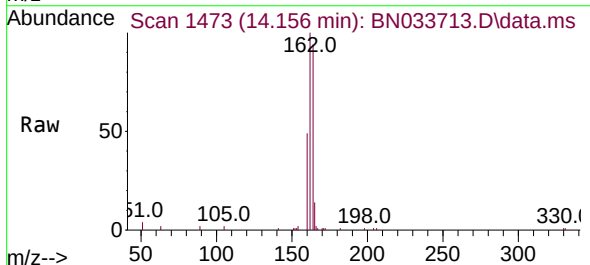
Tgt Ion:152 Resp: 749
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

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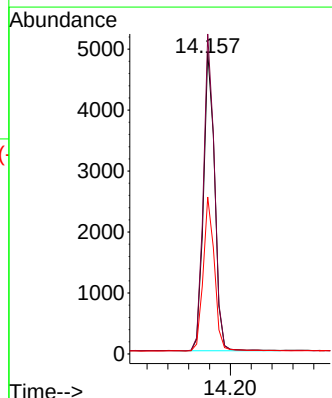
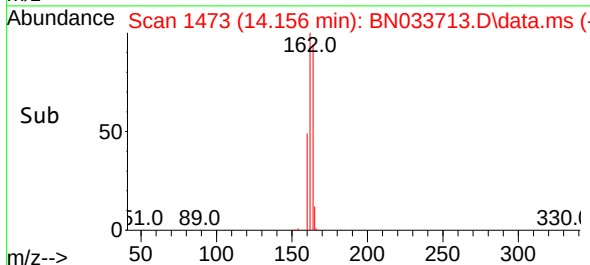
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

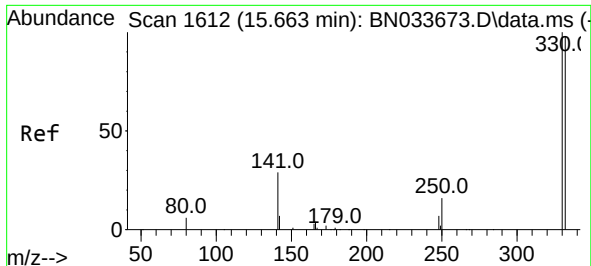


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.156 min Scan# 1473
Delta R.T. -0.010 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48



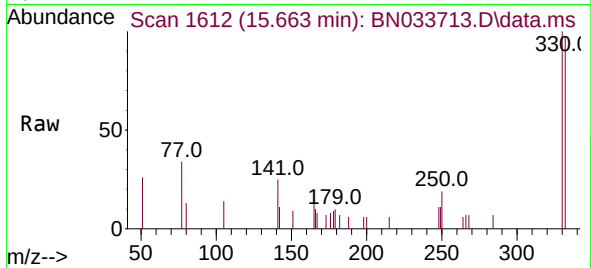
Tgt Ion:164 Resp: 7326
Ion Ratio Lower Upper
164 100
162 105.9 83.4 125.2
160 52.0 40.2 60.2





#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

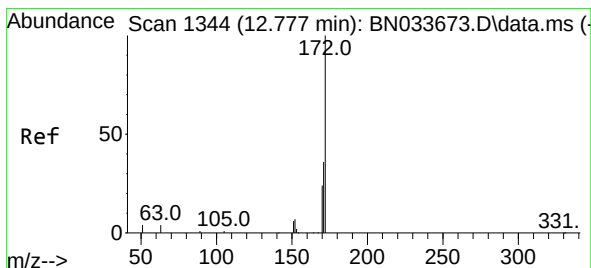
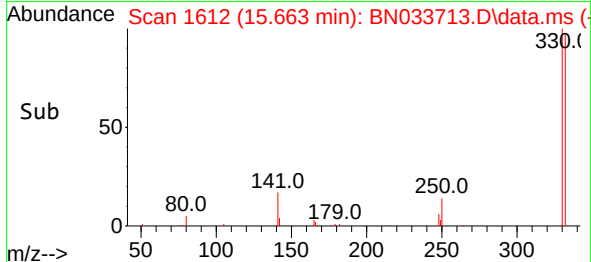
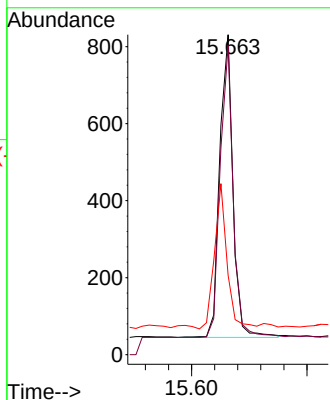
Instrument :
BNA_N
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MW-01B-66.5-082824



Tgt Ion:330 Resp: 125
Ion Ratio Lower Upper
330 100
332 94.6 78.6 118.0
141 45.3 35.0 52.6

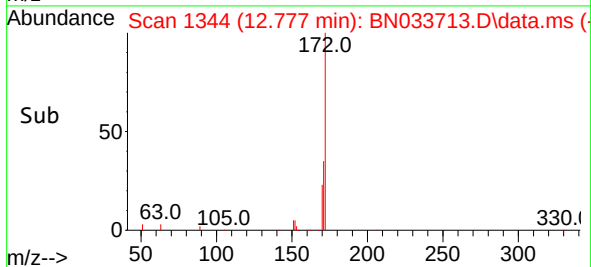
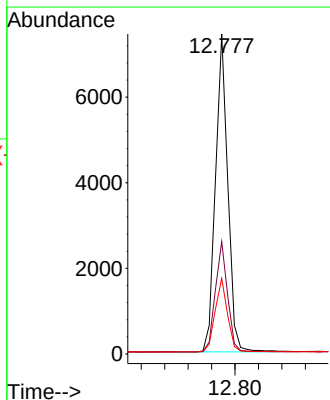
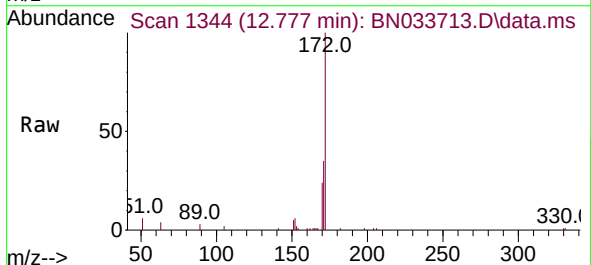
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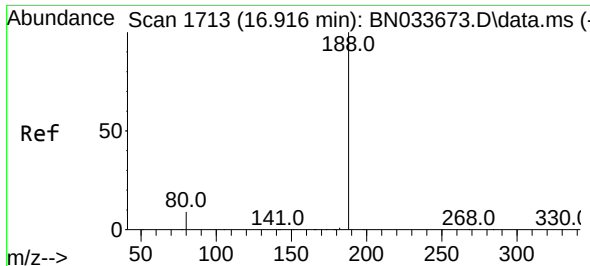
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.777 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

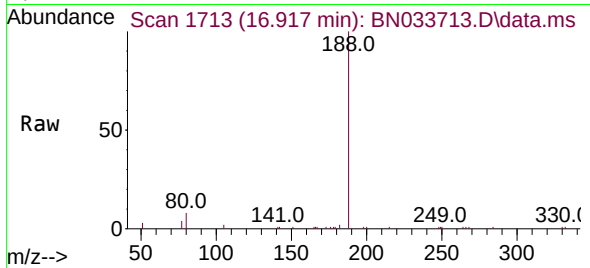
Tgt Ion:172 Resp: 10801
Ion Ratio Lower Upper
172 100
171 35.1 29.2 43.8
170 23.6 19.7 29.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.917 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

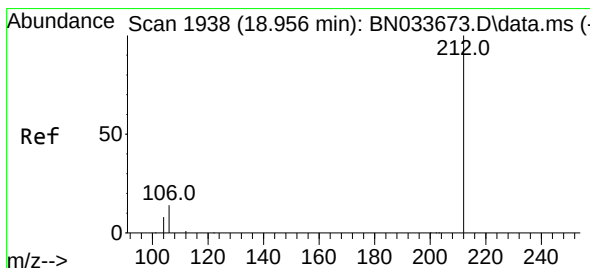
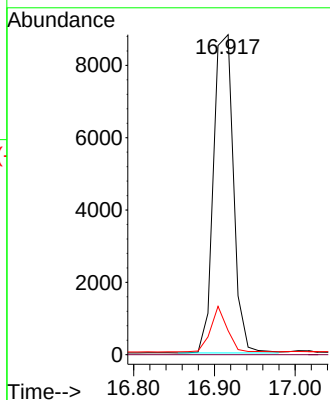
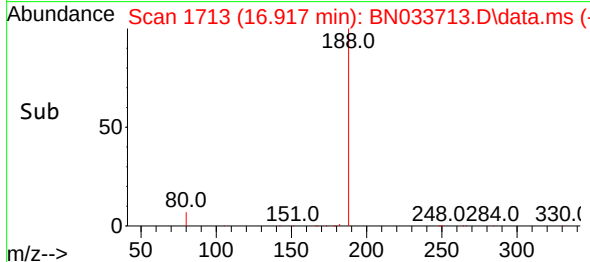
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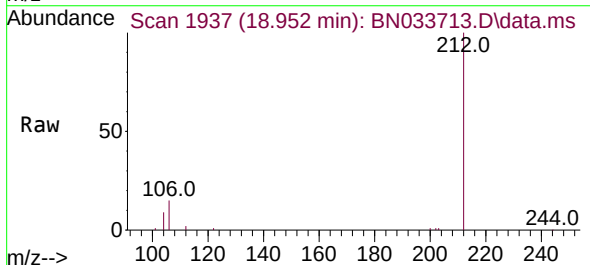
Tgt Ion:188 Resp: 1510
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 7.4 11.0

Manual Integrations
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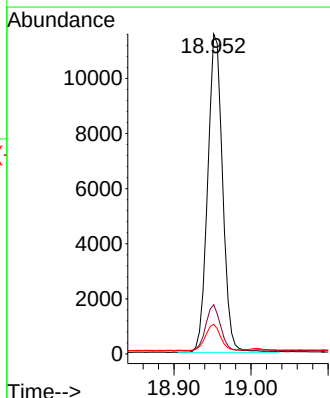
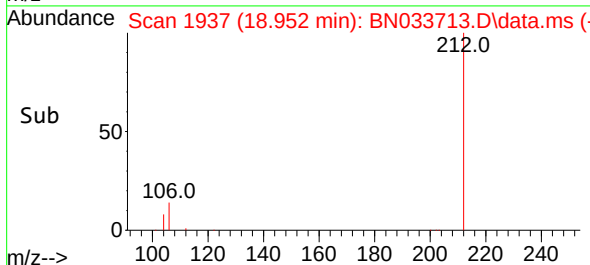
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Supervised By :mohammad ahmed 09/02/2024

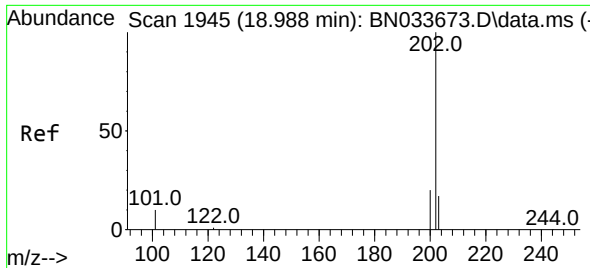


#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 18.952 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48



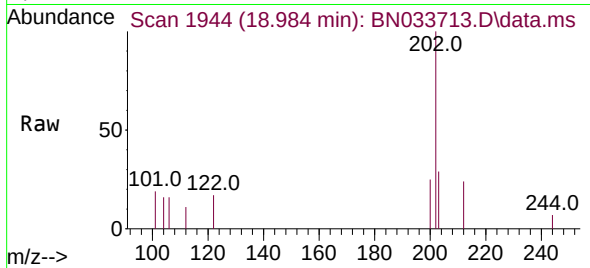
Tgt Ion:212 Resp: 15531
Ion Ratio Lower Upper
212 100
106 14.5 11.8 17.6
104 8.2 6.9 10.3





#28
Fluoranthene
Concen: 0.024 ng
RT: 18.984 min Scan# 1945
Delta R.T. -0.004 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

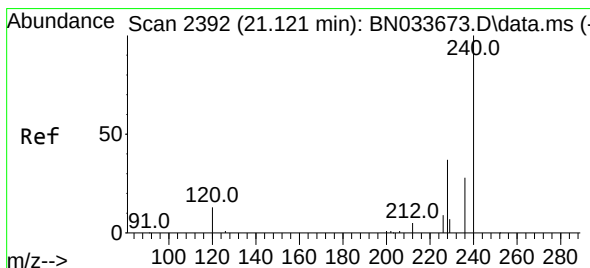
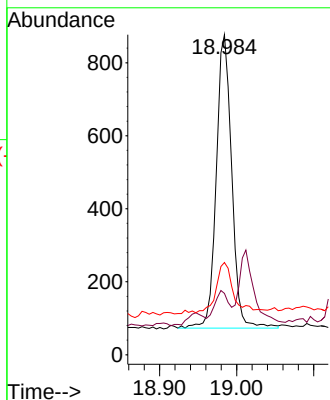
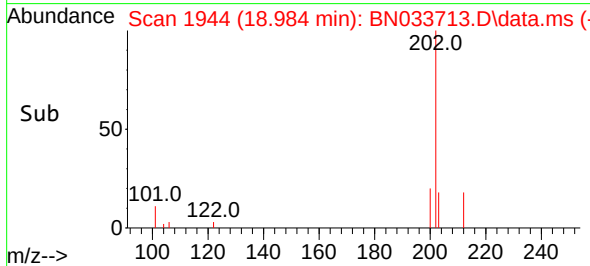
Instrument :
BNA_N
ClientSampleId :
MW-01B-66.5-082824



Tgt Ion:202 Resp: 1119
Ion Ratio Lower Upper
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101 10.7 9.2 13.8
203 19.7 13.8 20.8

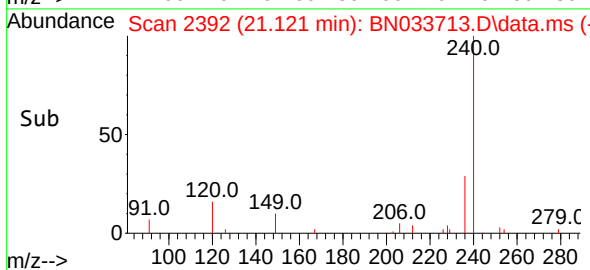
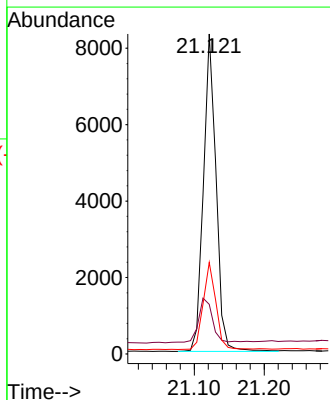
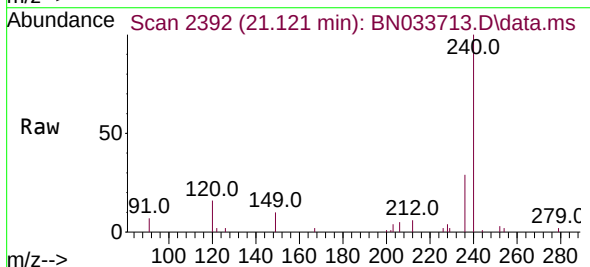
Manual Integrations
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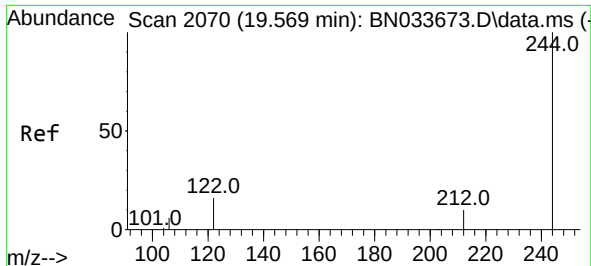
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.121 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

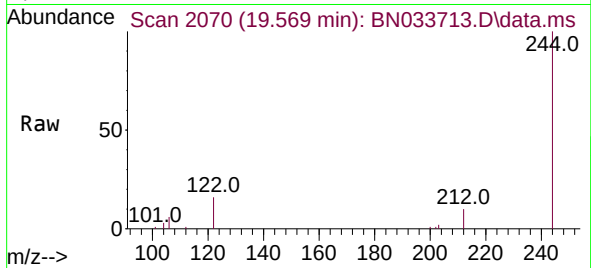
Tgt Ion:240 Resp: 10451
Ion Ratio Lower Upper
240 100
120 15.5 13.3 19.9
236 28.6 23.4 35.2





#31
 Terphenyl-d14
 Concen: 0.549 ng
 RT: 19.569 min Scan# 2070
 Delta R.T. 0.000 min
 Lab File: BN033713.D
 Acq: 30 Aug 2024 19:48

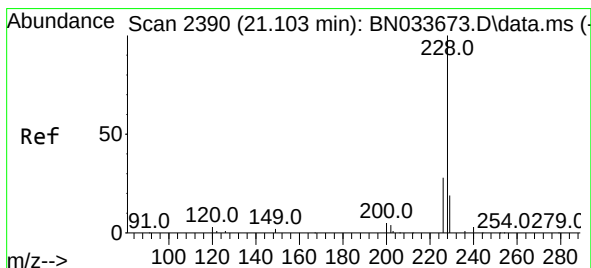
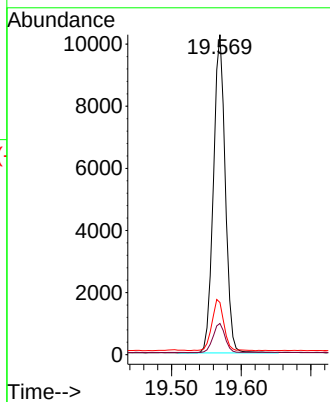
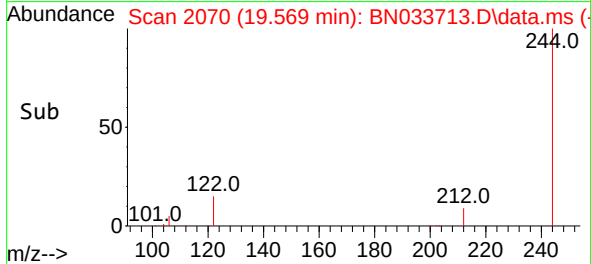
Instrument :
 BNA_N
 ClientSampleId :
 MW-01B-66.5-082824



Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.2	12.4
122	16.3	13.6	20.4

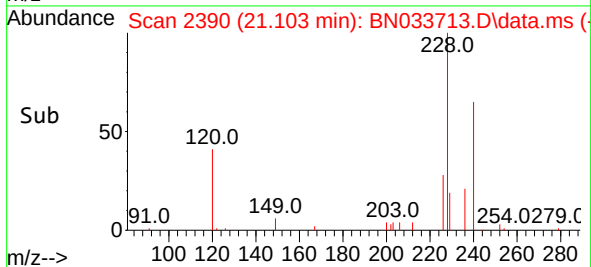
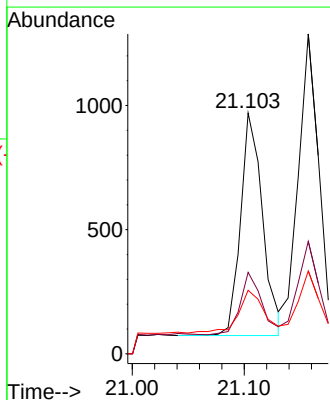
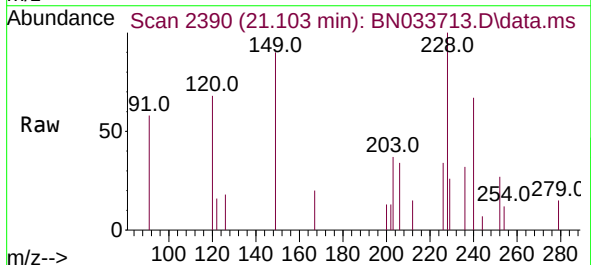
Manual Integrations
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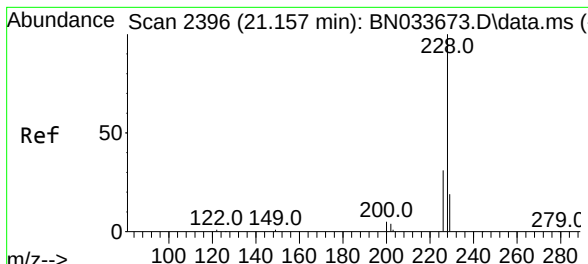
Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024



#32
 Benzo(a)anthracene
 Concen: 0.033 ng
 RT: 21.103 min Scan# 2390
 Delta R.T. 0.000 min
 Lab File: BN033713.D
 Acq: 30 Aug 2024 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.6	34.0
229	26.4	15.8	23.6



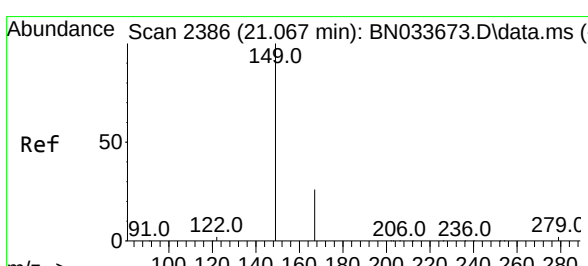
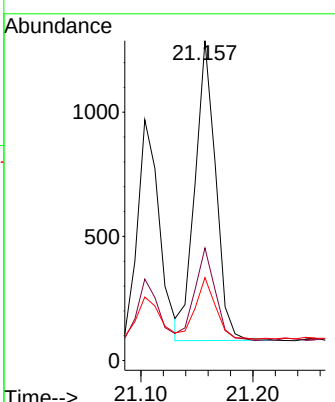
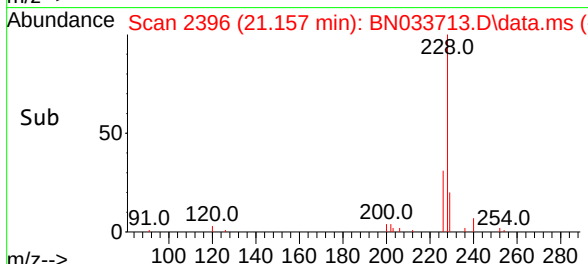
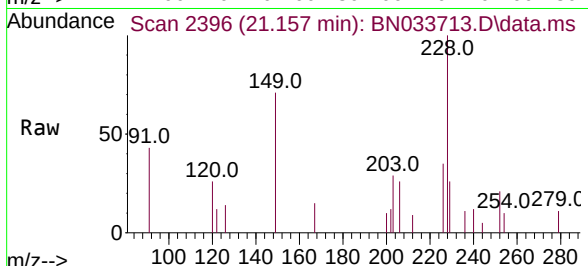


#33
Chrysene
 Concen: 0.041 ng
 RT: 21.157 min Scan# 2115
 Delta R.T. 0.000 min
 Lab File: BN033713.D
 Acq: 30 Aug 2024 19:48

Instrument :
 BNA_N
ClientSampleId :
 MW-01B-66.5-082824

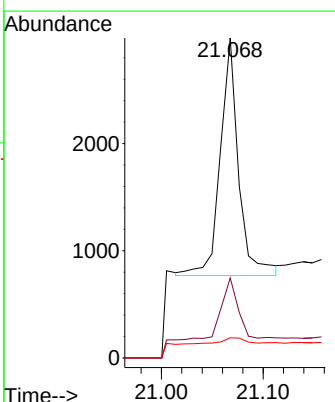
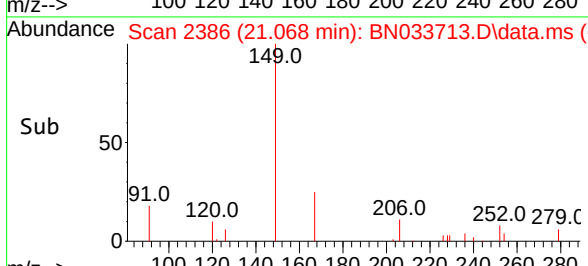
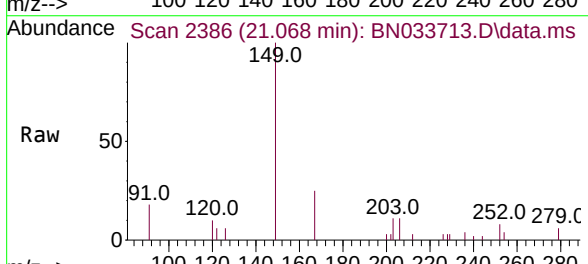
Tgt Ion:	228	Resp:	1548
Ion Ratio	Lower	Upper	
228	100		
226	35.2	24.7	37.1
229	25.9	15.6	23.4

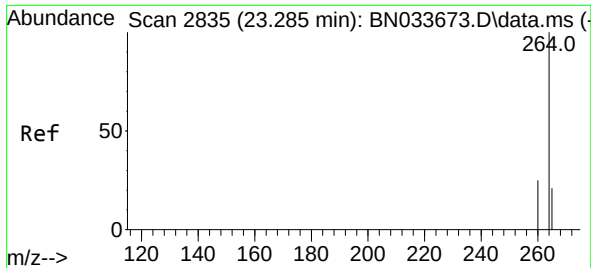
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024



#34
Bis(2-ethylhexyl)phthalate
 Concen: 0.133 ng m
 RT: 21.068 min Scan# 2386
 Delta R.T. 0.000 min
 Lab File: BN033713.D
 Acq: 30 Aug 2024 19:48

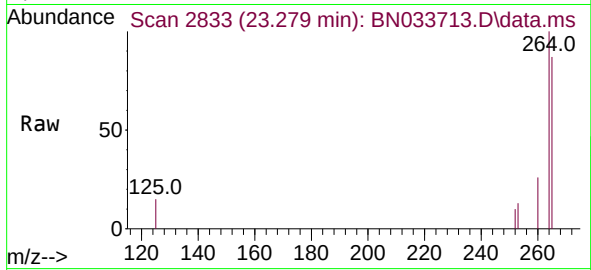
Tgt Ion:	149	Resp:	2775
Ion Ratio	Lower	Upper	
149	100		
167	66.3	28.3	42.5#
279	31.4	4.2	6.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.279 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN033713.D
 Acq: 30 Aug 2024 19:48

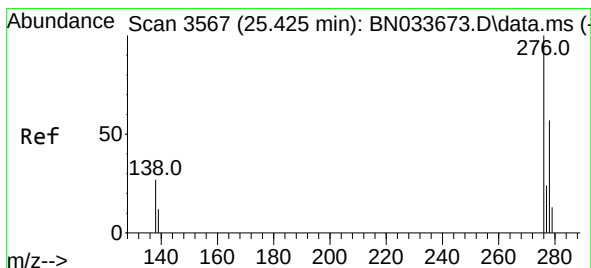
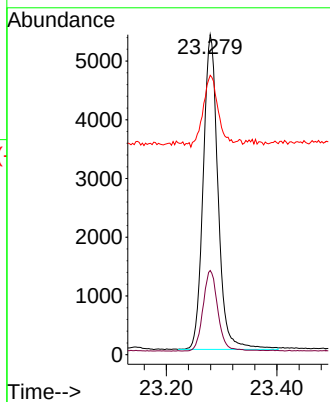
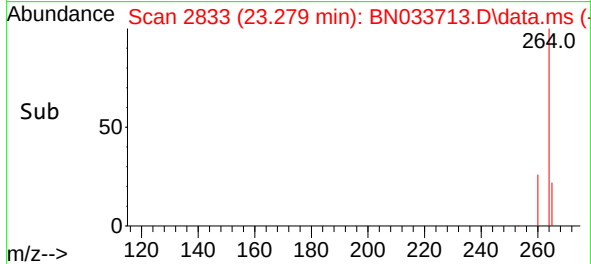
Instrument :
 BNA_N
 ClientSampleId :
 MW-01B-66.5-082824



Tgt Ion:264 Resp: 9979
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.7 31.1
 265 87.3 69.9 104.9

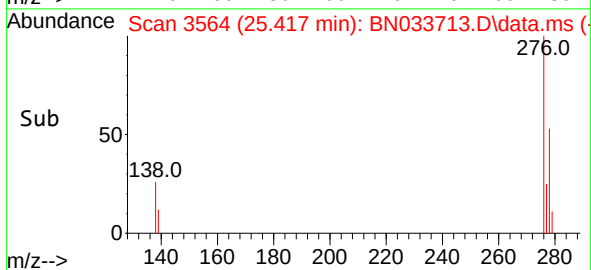
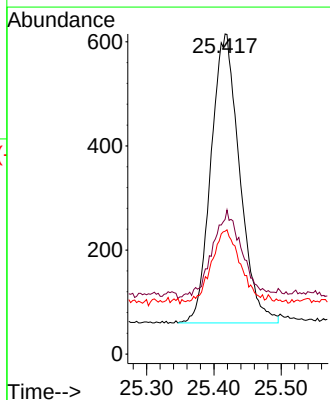
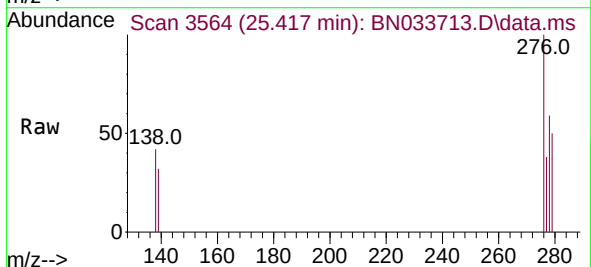
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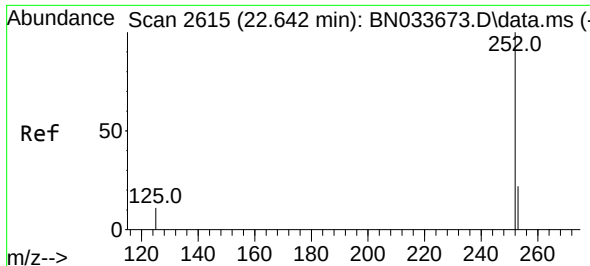
Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.038 ng
 RT: 25.417 min Scan# 3564
 Delta R.T. -0.008 min
 Lab File: BN033713.D
 Acq: 30 Aug 2024 19:48

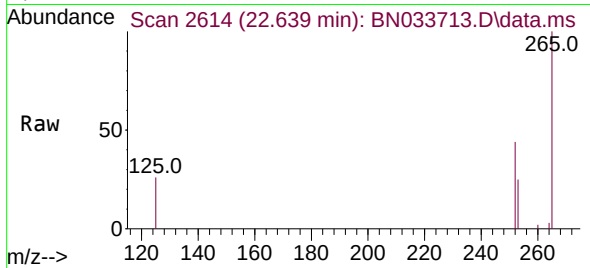
Tgt Ion:276 Resp: 1640
 Ion Ratio Lower Upper
 276 100
 138 30.7 23.3 34.9
 277 24.8 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 22.639 min Scan# 2615
Delta R.T. -0.003 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

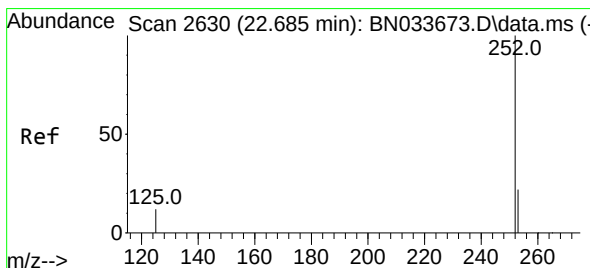
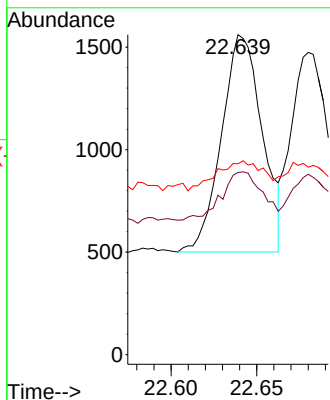
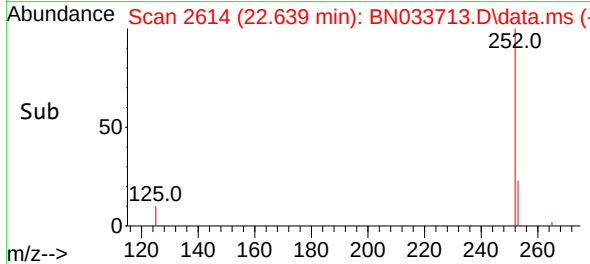
Instrument :
BNA_N
ClientSampleId :
MW-01B-66.5-082824



Tgt Ion:252 Resp: 1754
Ion Ratio Lower Upper
252 100
253 57.0 21.6 32.4#
125 59.6 15.2 22.8#

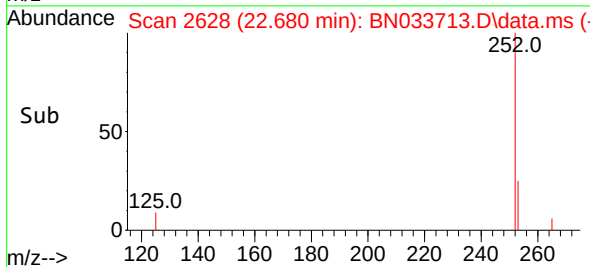
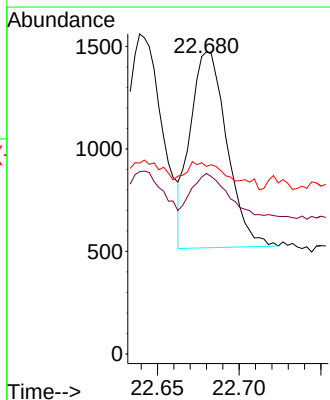
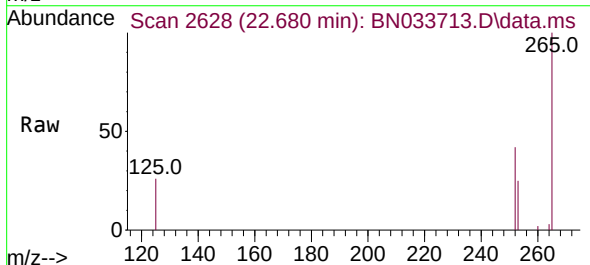
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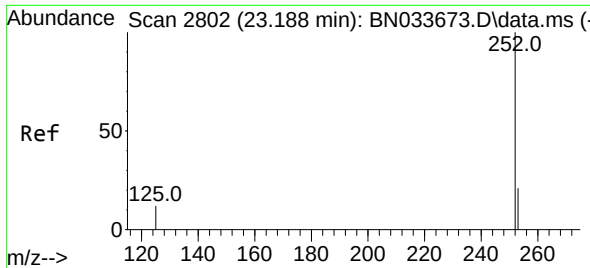
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#38
Benzo(k)fluoranthene
Concen: 0.041 ng
RT: 22.680 min Scan# 2628
Delta R.T. -0.005 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

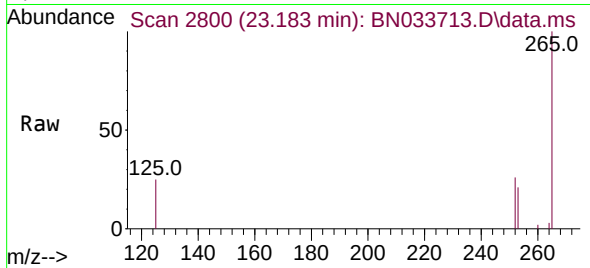
Tgt Ion:252 Resp: 1493
Ion Ratio Lower Upper
252 100
253 59.7 21.4 32.2#
125 62.1 15.8 23.6#





#39
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.183 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

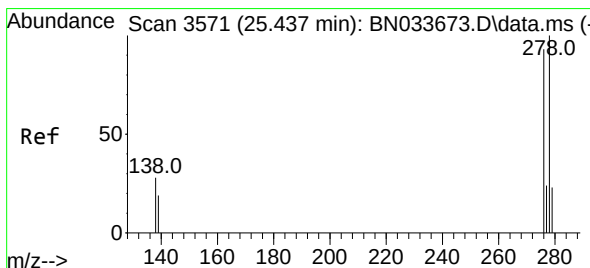
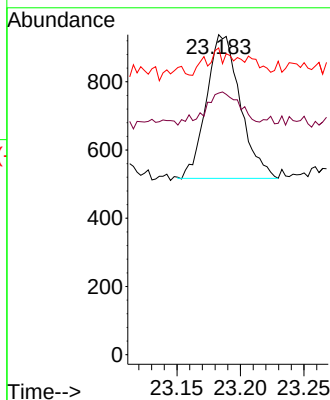
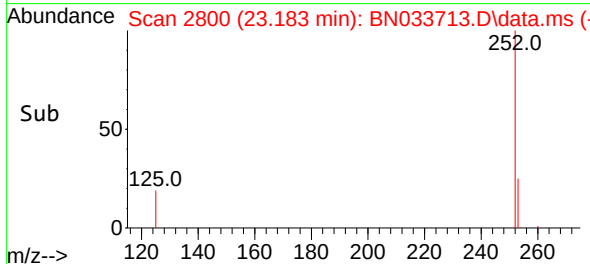
Instrument :
BNA_N
ClientSampleId :
MW-01B-66.5-082824



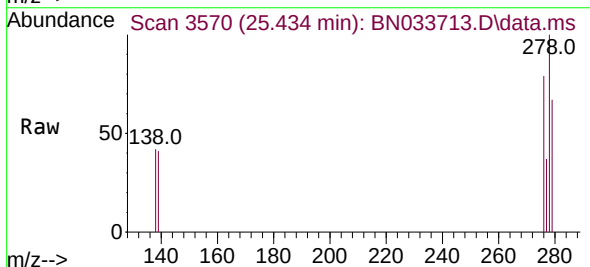
Tgt Ion:252 Resp: 78
Ion Ratio Lower Upper
252 100
253 81.8 23.6 35.4#
125 95.8 18.7 28.1#

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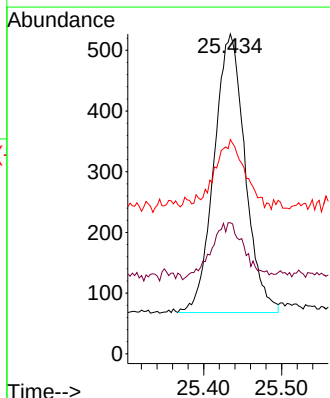
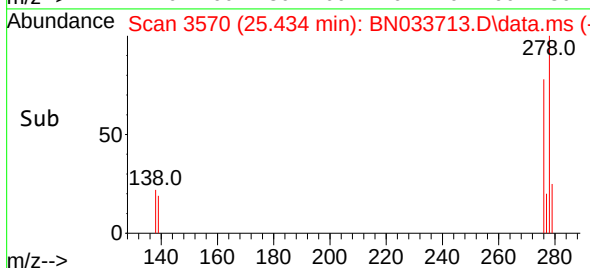
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

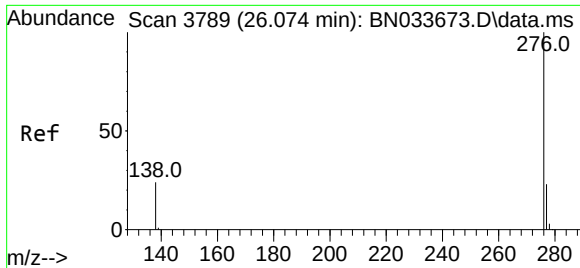


#40
Dibenzo(a,h)anthracene
Concen: 0.037 ng
RT: 25.434 min Scan# 3570
Delta R.T. -0.003 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48



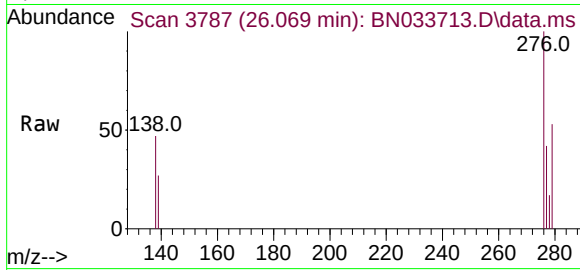
Tgt Ion:278 Resp: 1272
Ion Ratio Lower Upper
278 100
139 41.0 17.2 25.8#
279 67.0 22.2 33.4#





#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 26.069 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN033713.D
Acq: 30 Aug 2024 19:48

Instrument :
BNA_N
ClientSampleId :
MW-01B-66.5-082824



Tgt Ion: 276 Resp: 1260
Ion Ratio Lower Upper
276 100
277 42.0 20.2 30.2
138 46.8 21.1 31.7

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

