

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033328.D
 Acq On : 09 Aug 2024 21:57
 Operator : MA/JU
 Sample : P3512-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 927-K1-SD-0.5-1.0-080724

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 10 01:10:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 04:39:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	4703	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	13536	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	7697	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	18787	0.400	ng	# 0.00
29) Chrysene-d12	21.166	240	17852	0.400	ng	#-0.01
35) Perylene-d12	23.355	264	20644	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	2695	0.218	ng	0.00
5) Phenol-d6	6.757	99	3907	0.231	ng	0.00
8) Nitrobenzene-d5	8.715	82	2082	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	11.943	152	4341	0.206	ng	-0.01
14) 2,4,6-Tribromophenol	15.705	330	633	0.203	ng	-0.01
15) 2-Fluorobiphenyl	12.844	172	6746	0.233	ng	0.00
27) Fluoranthene-d10	19.007	212	11448	0.221	ng	0.00
31) Terphenyl-d14	19.620	244	7958	0.258	ng	-0.01
Target Compounds						
						Qvalue
16) Acenaphthylene	13.934	152	1131	0.030	ng	# 86
17) Acenaphthene	14.277	154	912	0.038	ng	89
18) Fluorene	15.271	166	1225	0.038	ng	# 95
25) Phenanthrene	17.008	178	22890	0.421	ng	99
26) Anthracene	17.095	178	5615	0.106	ng	97
28) Fluoranthene	19.035	202	74516	1.087	ng	100
30) Pyrene	19.397	202	63061	0.898	ng	# 95
32) Benzo(a)anthracene	21.157	228	33167	0.478	ng	98
33) Chrysene	21.201	228	37725	0.562	ng	97
34) Bis(2-ethylhexyl)phtha...	21.130	149	1316	0.037	ng	# 92
36) Indeno(1,2,3-cd)pyrene	25.530	276	24068	0.267	ng	94
37) Benzo(b)fluoranthene	22.709	252	55948	0.729	ng	97
38) Benzo(k)fluoranthene	22.747	252	18615m	0.250	ng	
39) Benzo(a)pyrene	23.258	252	34364	0.504	ng	98
40) Dibenzo(a,h)anthracene	25.542	278	5269	0.074	ng	# 84
41) Benzo(g,h,i)perylene	26.185	276	25681	0.331	ng	98

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

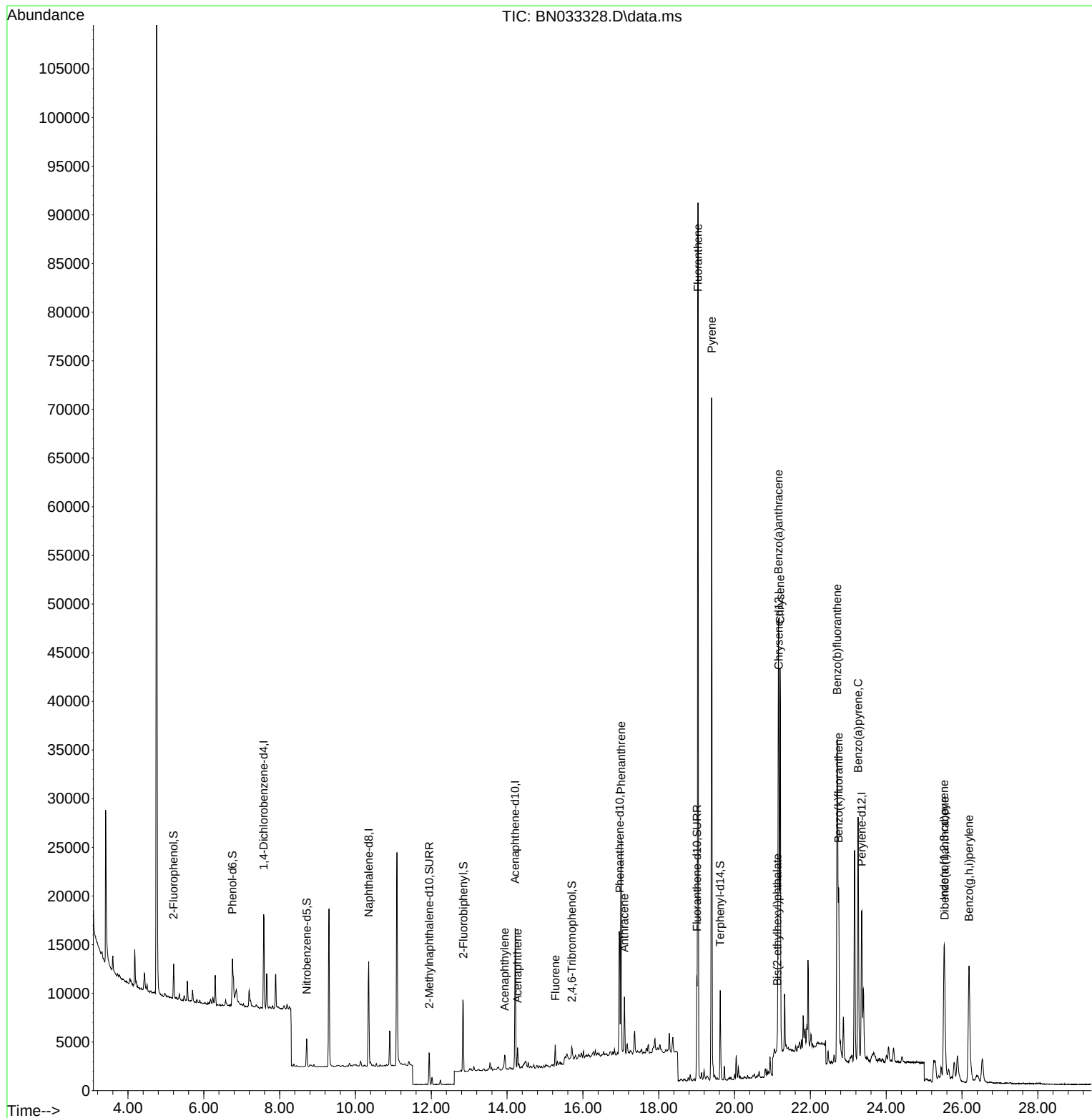
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
Data File : BN033328.D
Acq On : 09 Aug 2024 21:57
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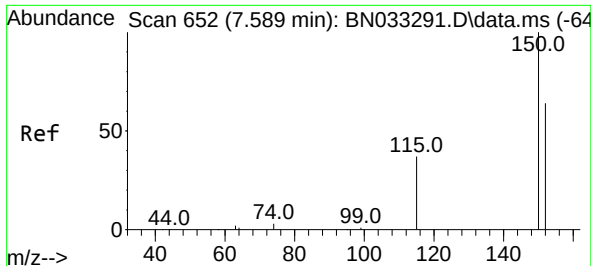
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927-K1-SD-0.5-1.0-080724

Quant Time: Aug 10 01:10:19 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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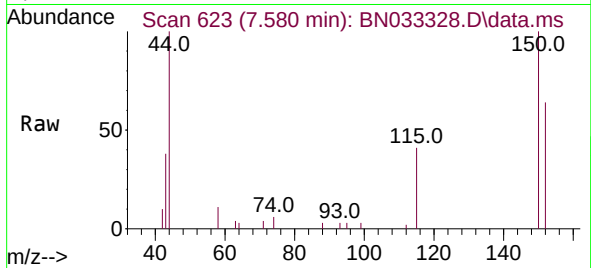
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.580 min Scan# 61
Delta R.T. -0.009 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

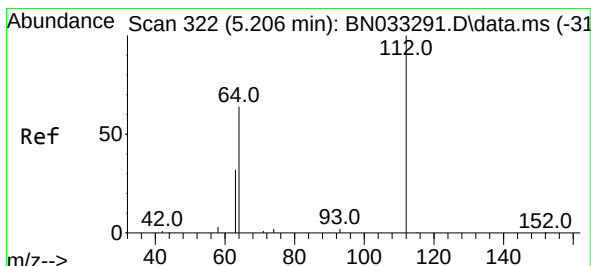
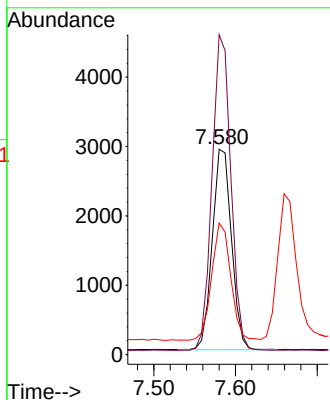
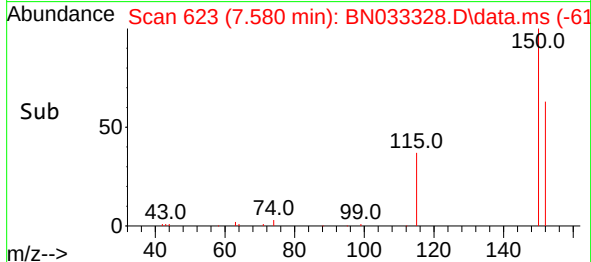
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724



Tgt Ion:152 Resp: 470
Ion Ratio Lower Upper
152 100
150 155.8 120.7 181.1
115 64.1 55.8 83.8

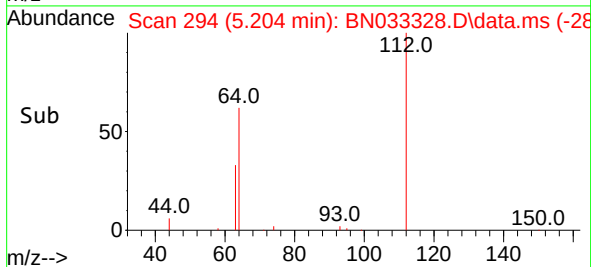
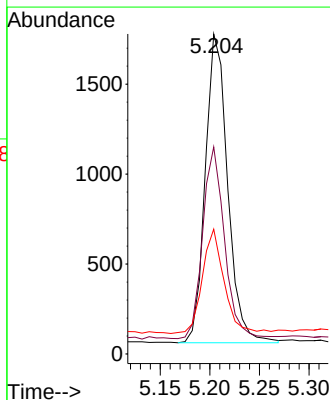
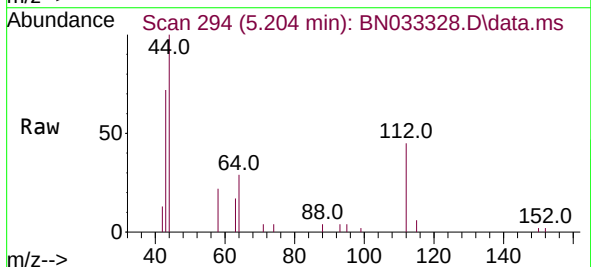
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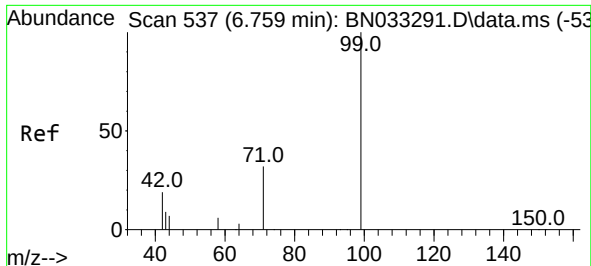
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#4
2-Fluorophenol
Concen: 0.218 ng
RT: 5.204 min Scan# 294
Delta R.T. -0.002 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

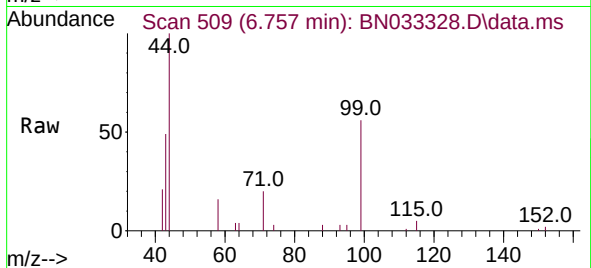
Tgt Ion:112 Resp: 2695
Ion Ratio Lower Upper
112 100
64 60.6 48.7 73.1
63 33.1 25.4 38.2





#5
Phenol-d6
Concen: 0.231 ng
RT: 6.757 min Scan# 509
Delta R.T. -0.002 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

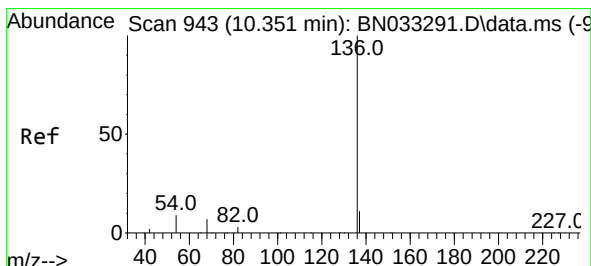
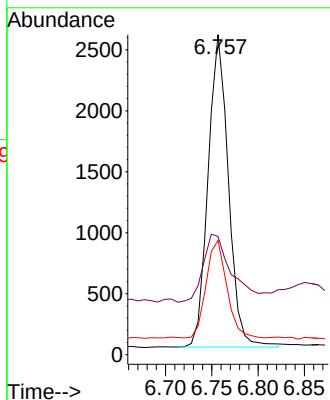
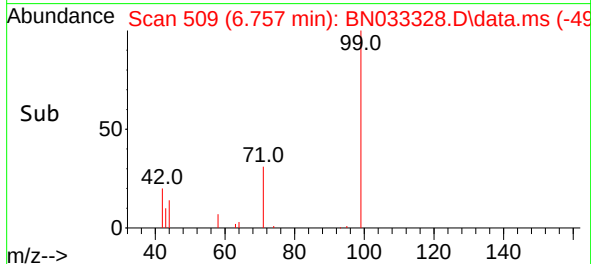
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724



Tgt Ion: 99 Resp: 390
Ion Ratio Lower Upper
99 100
42 30.1 19.3 28.9
71 31.7 27.6 41.4

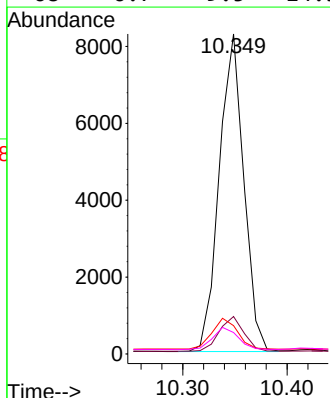
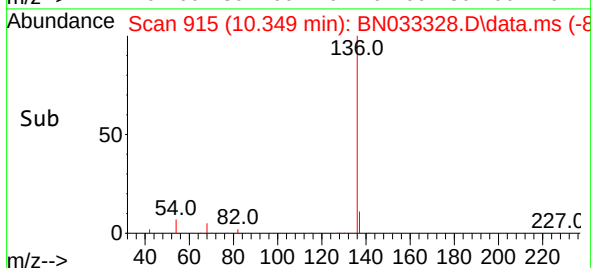
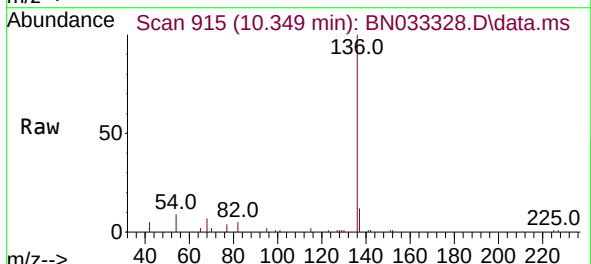
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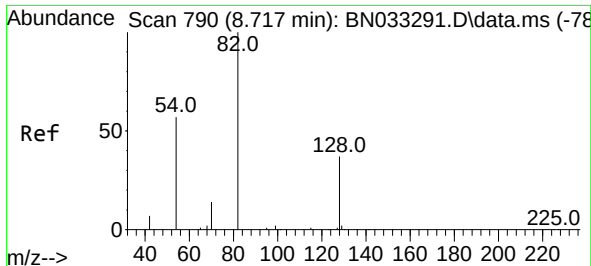
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 915
Delta R.T. -0.002 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

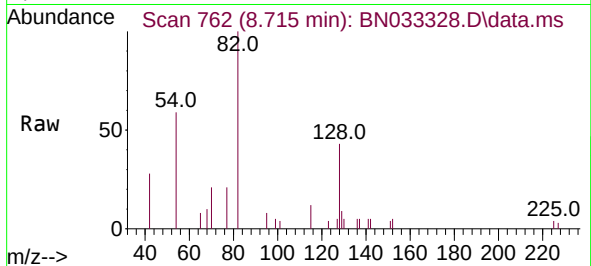
Tgt Ion:136 Resp: 13536
Ion Ratio Lower Upper
136 100
137 11.7 9.9 14.9
54 8.8 11.4 17.2#
68 6.7 9.5 14.3#





#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.715 min Scan# 71
Delta R.T. -0.002 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

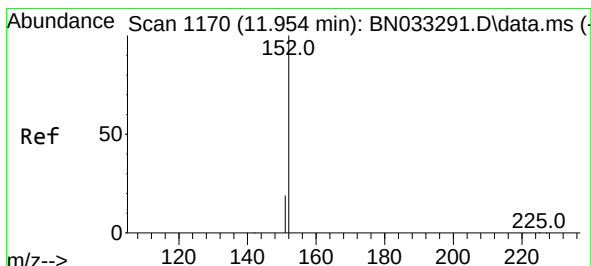
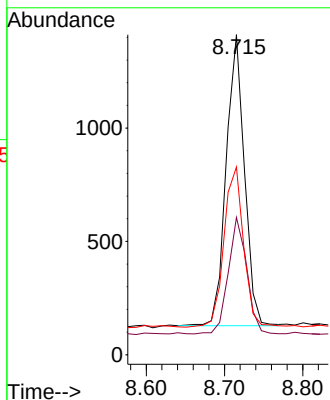
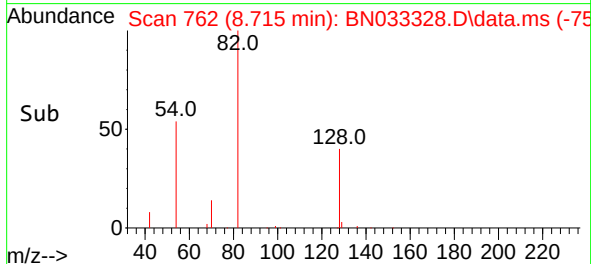
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724



Tgt Ion: 82 Resp: 208
Ion Ratio Lower Upper
82 100
128 42.9 29.4 44.2
54 58.6 50.0 75.0

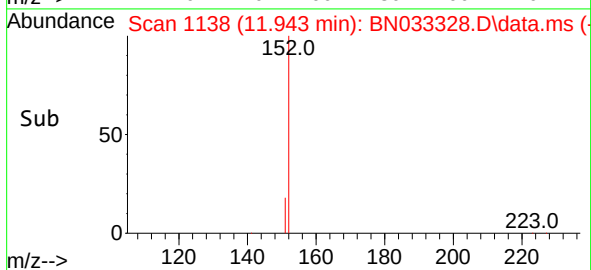
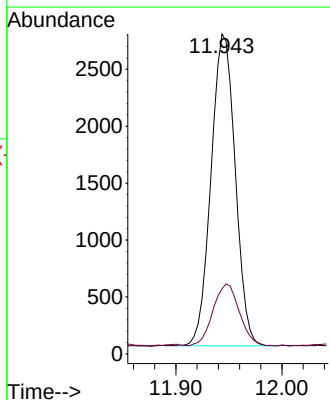
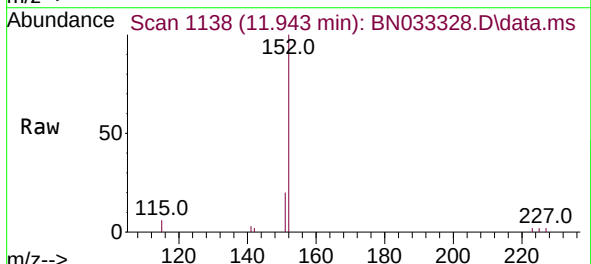
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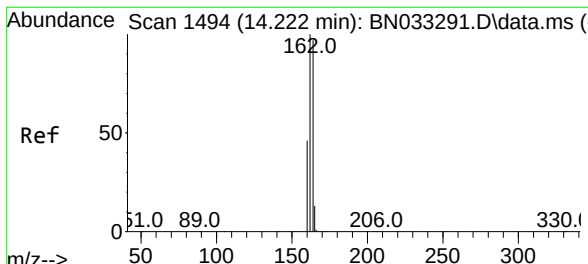
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#11
2-Methylnaphthalene-d10
Concen: 0.206 ng
RT: 11.943 min Scan# 1138
Delta R.T. -0.010 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

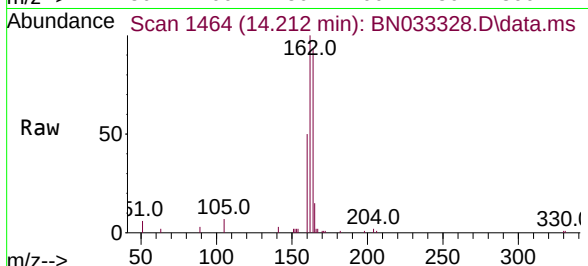
Tgt Ion:152 Resp: 4341
Ion Ratio Lower Upper
152 100
151 21.8 16.7 25.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1494
Delta R.T. -0.010 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

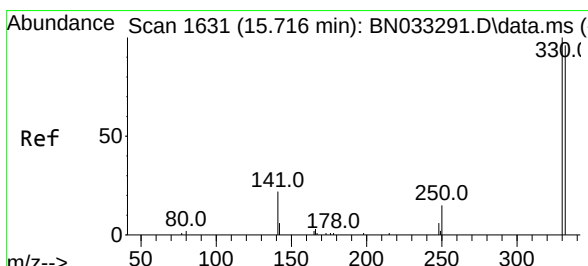
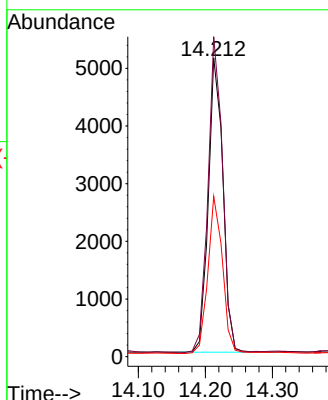
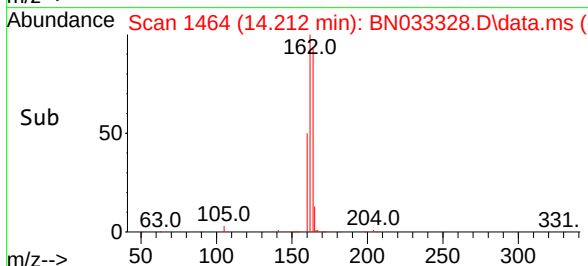
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724



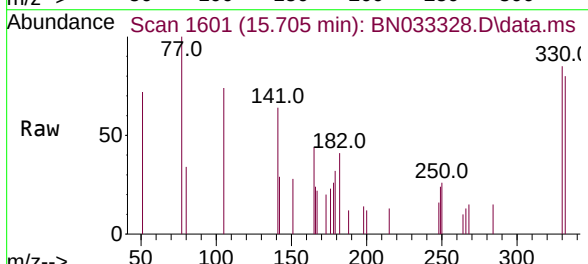
Tgt Ion:164 Resp: 769
Ion Ratio Lower Upper
164 100
162 107.1 82.6 124.0
160 53.6 38.2 57.4

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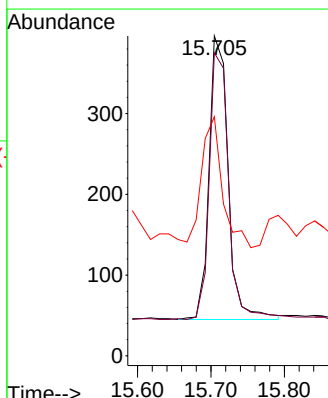
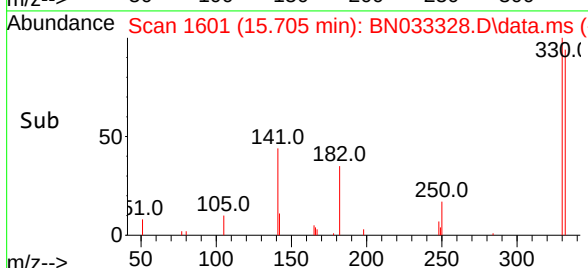
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

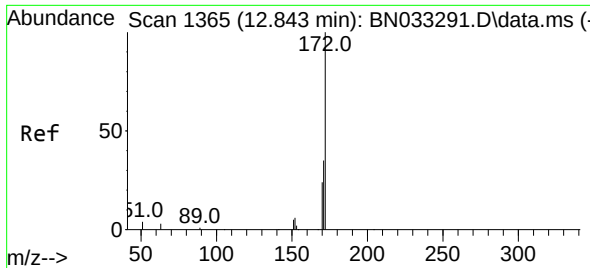


#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.705 min Scan# 1601
Delta R.T. -0.011 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57



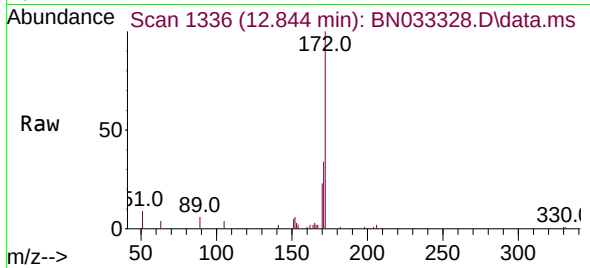
Tgt Ion:330 Resp: 633
Ion Ratio Lower Upper
330 100
332 95.6 75.6 113.4
141 50.1 31.0 46.4#





#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 12.844 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

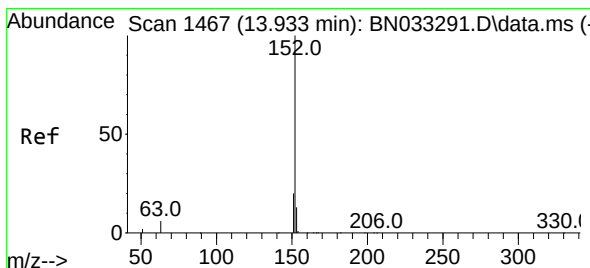
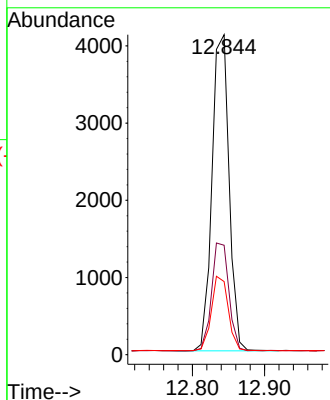
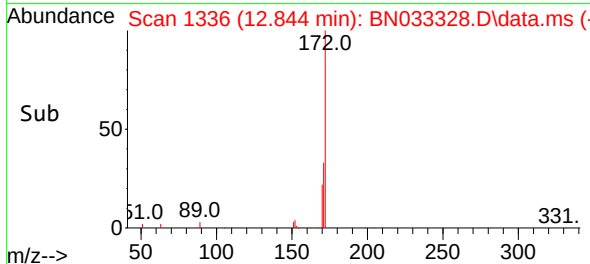
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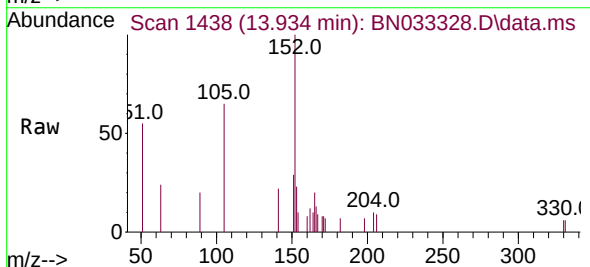
Tgt Ion:172 Resp: 6740
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.8 19.4 29.2

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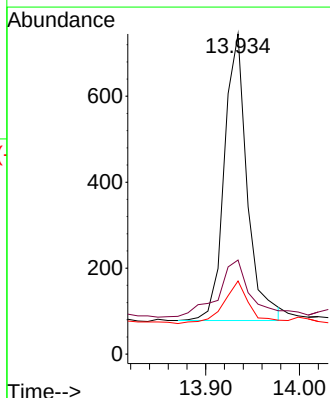
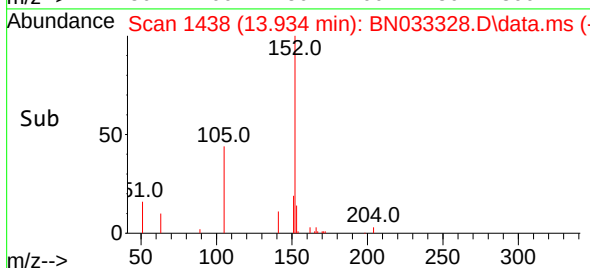
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

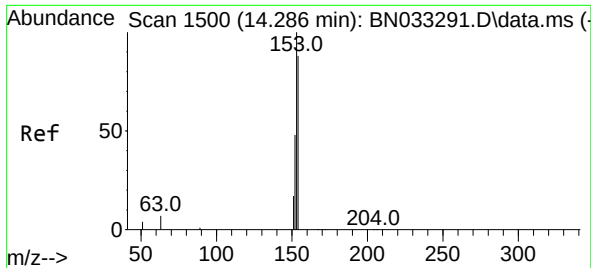


#16
Acenaphthylene
Concen: 0.030 ng
RT: 13.934 min Scan# 1438
Delta R.T. 0.001 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57



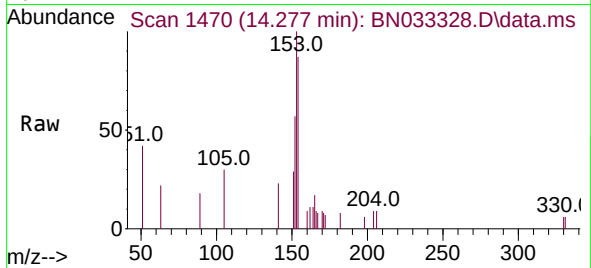
Tgt Ion:152 Resp: 1131
Ion Ratio Lower Upper
152 100
151 27.6 15.7 23.5#
153 16.7 10.3 15.5#





#17
Acenaphthene
Concen: 0.038 ng
RT: 14.277 min Scan# 1427
Delta R.T. -0.010 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

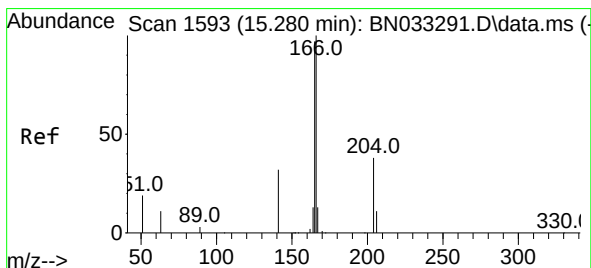
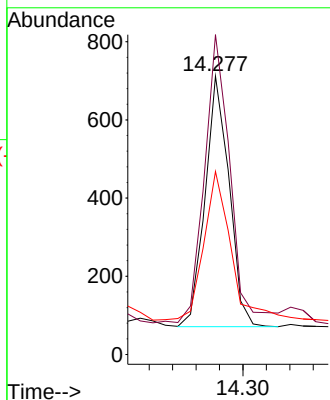
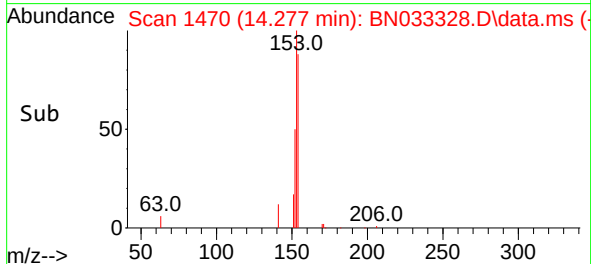
Instrument :
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927-K1-SD-0.5-1.0-080724



Tgt Ion:154 Resp: 912
Ion Ratio Lower Upper
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153 122.5 89.5 134.3
152 64.8 43.6 65.4

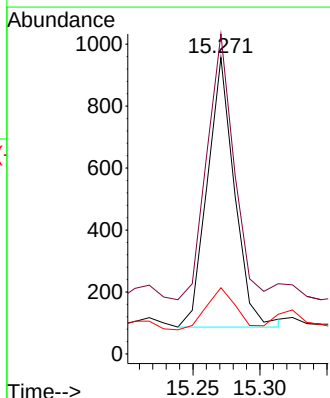
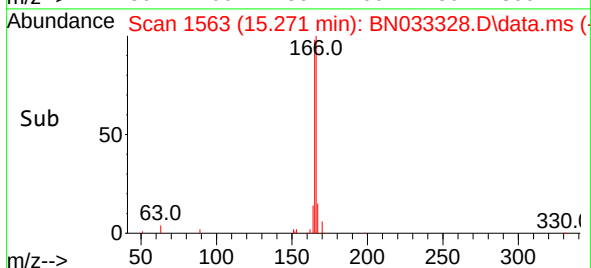
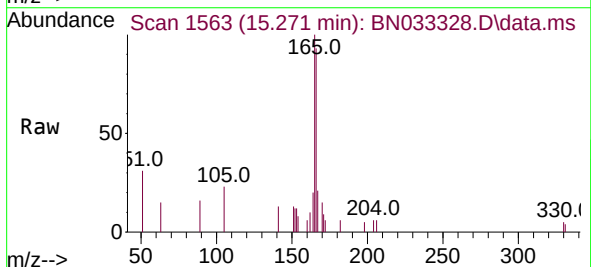
Manual Integrations
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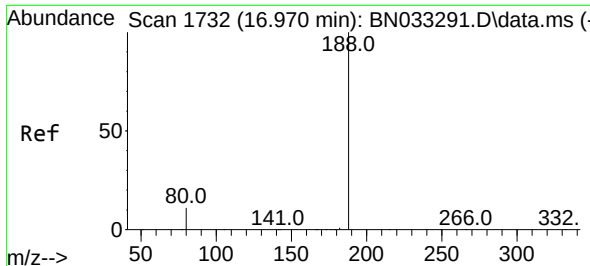
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#18
Fluorene
Concen: 0.038 ng
RT: 15.271 min Scan# 1563
Delta R.T. -0.010 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

Tgt Ion:166 Resp: 1225
Ion Ratio Lower Upper
166 100
165 103.1 78.9 118.3
167 17.5 10.6 16.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1703

Delta R.T. 0.001 min

Lab File: BN033328.D

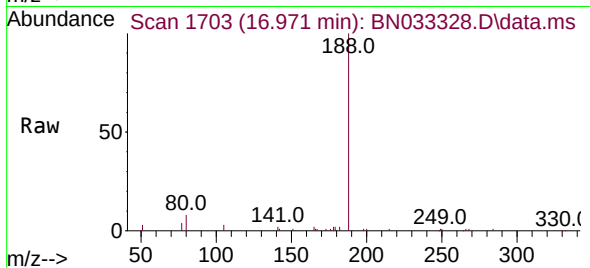
Acq: 09 Aug 2024 21:57

Instrument :

BNA_N

ClientSampleId :

927-K1-SD-0.5-1.0-080724



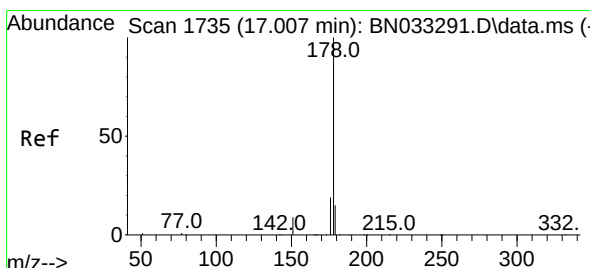
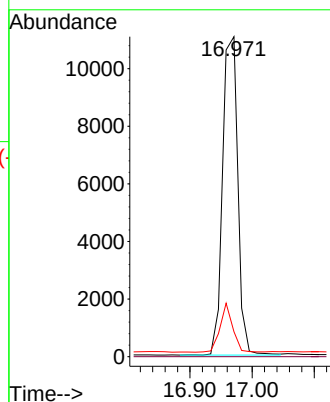
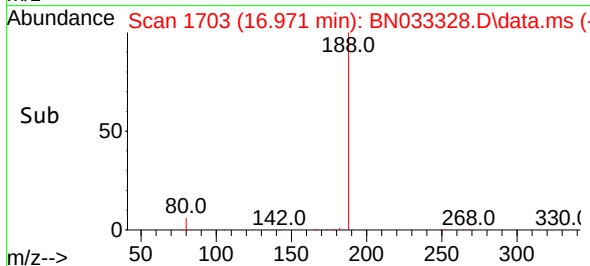
Tgt Ion:188	Resp:	1878
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.8	15.7

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2024

Supervised By :mohammad ahmed 08/12/2024



#25

Phenanthrene

Concen: 0.421 ng

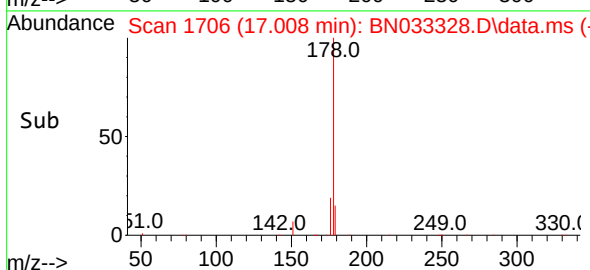
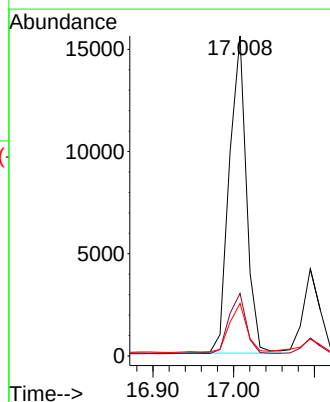
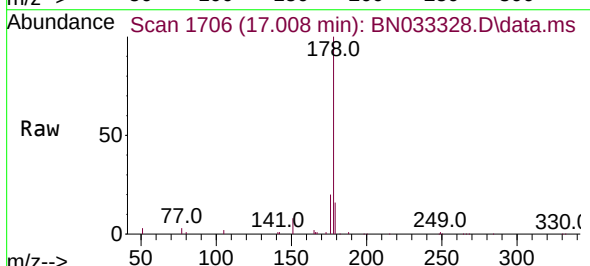
RT: 17.008 min Scan# 1706

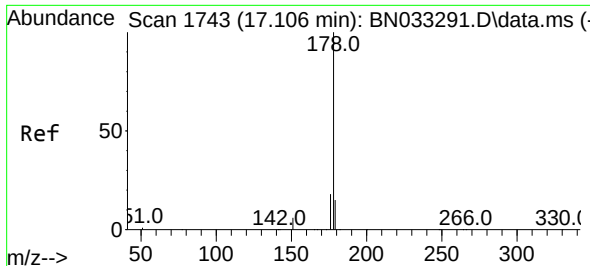
Delta R.T. 0.001 min

Lab File: BN033328.D

Acq: 09 Aug 2024 21:57

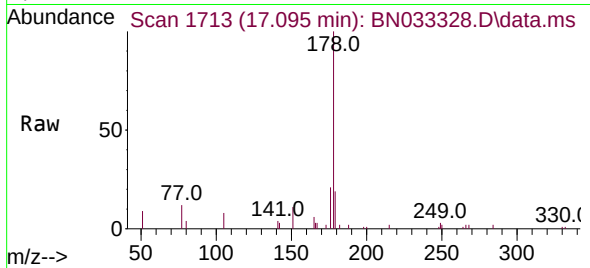
Tgt Ion:178	Resp:	22890
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.2
179	15.5	12.0





#26
 Anthracene
 Concen: 0.106 ng
 RT: 17.095 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN033328.D
 Acq: 09 Aug 2024 21:57

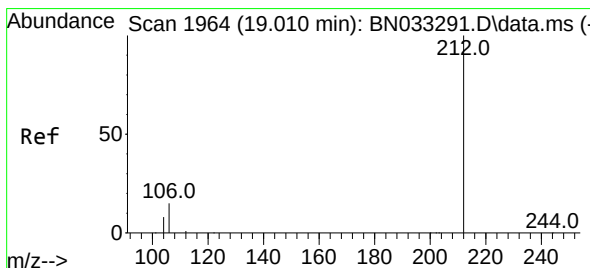
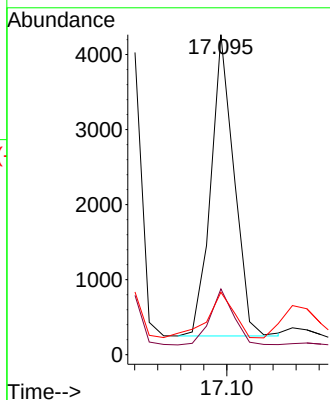
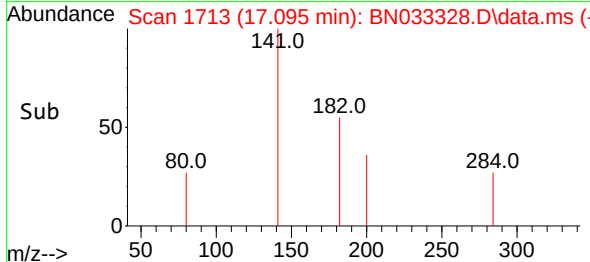
Instrument :
 BNA_N
 ClientSampleId :
 927-K1-SD-0.5-1.0-080724



Tgt Ion:178 Resp: 561
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 17.5 12.2 18.4

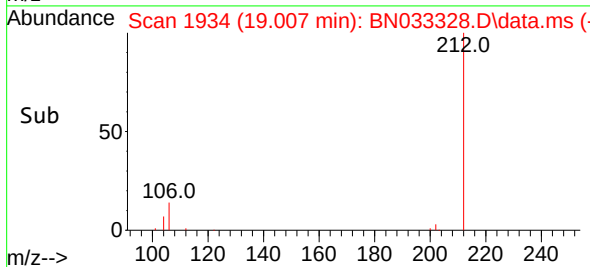
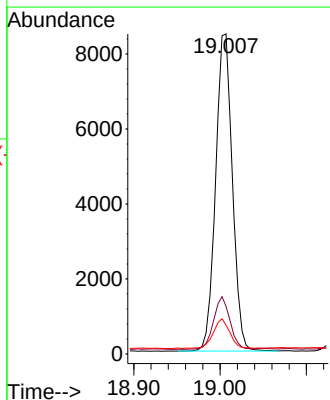
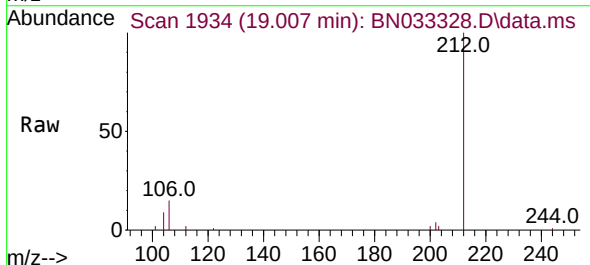
Manual Integrations
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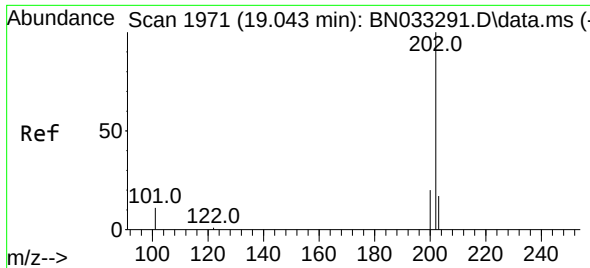
Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024



#27
 Fluoranthene-d10
 Concen: 0.221 ng
 RT: 19.007 min Scan# 1934
 Delta R.T. -0.004 min
 Lab File: BN033328.D
 Acq: 09 Aug 2024 21:57

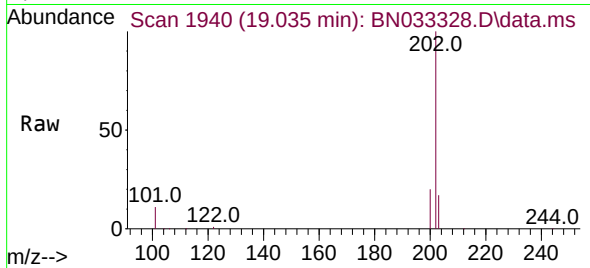
Tgt Ion:212 Resp: 11448
 Ion Ratio Lower Upper
 212 100
 106 16.2 12.2 18.4
 104 9.3 6.9 10.3





#28
Fluoranthene
Concen: 1.087 ng
RT: 19.035 min Scan# 1971
Delta R.T. -0.008 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

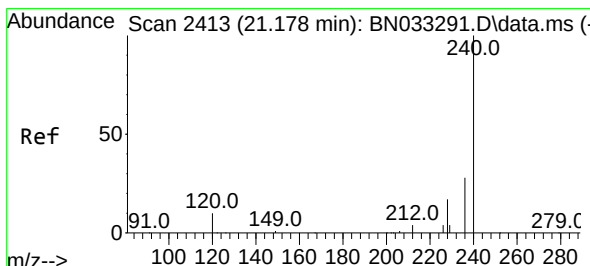
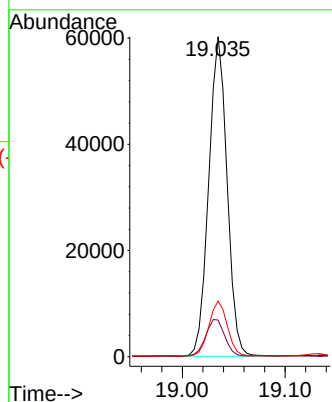
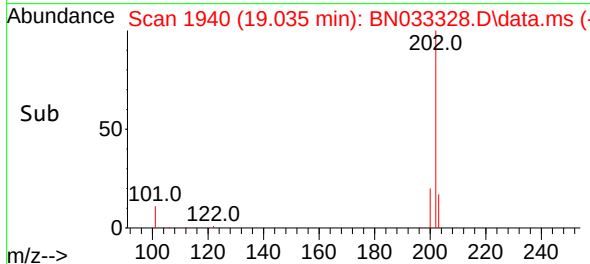
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724



Tgt Ion:202 Resp: 74510
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.0
203 17.2 13.8 20.6

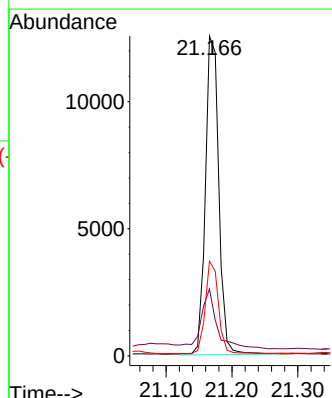
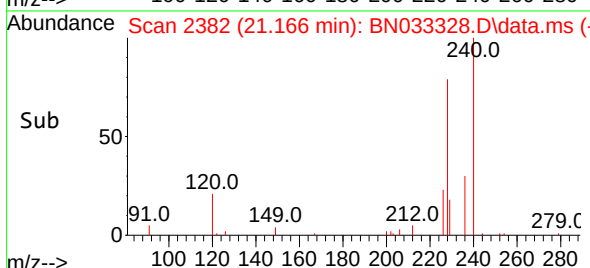
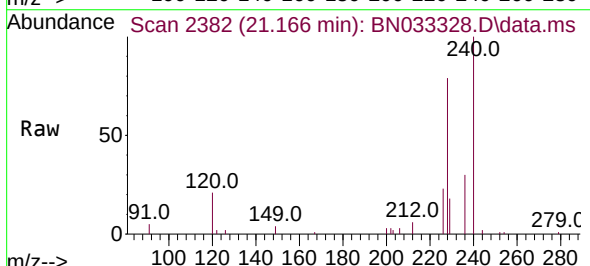
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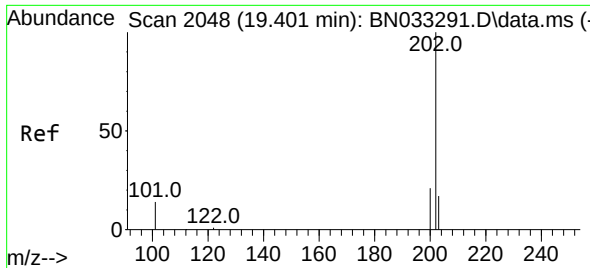
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2382
Delta R.T. -0.013 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

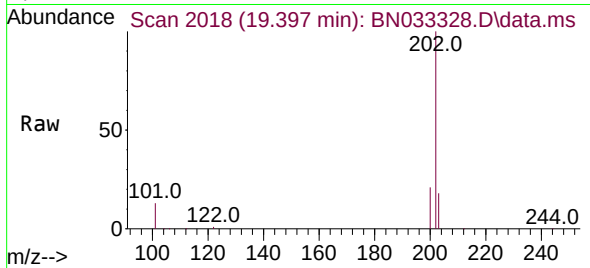
Tgt Ion:240 Resp: 17852
Ion Ratio Lower Upper
240 100
120 20.9 9.0 13.6#
236 29.6 22.4 33.6





#30
Pyrene
Concen: 0.898 ng
RT: 19.397 min Scan# 2048
Delta R.T. -0.004 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

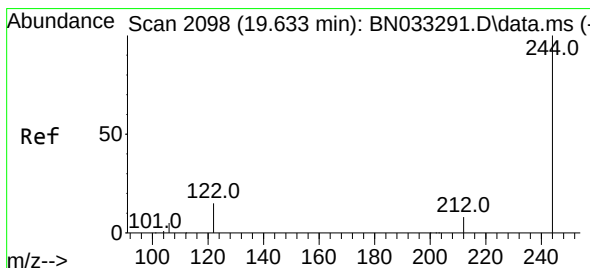
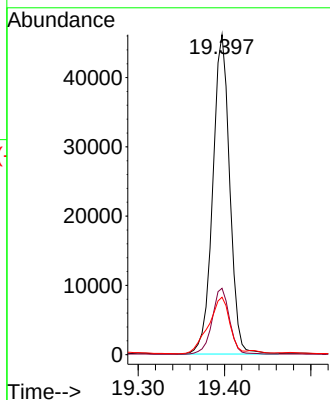
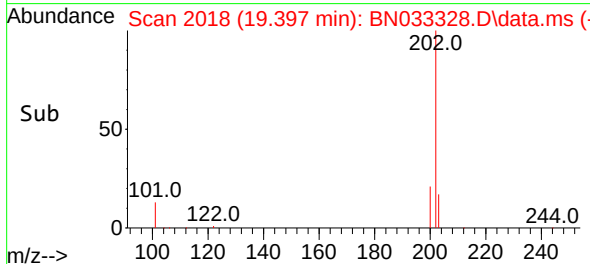
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724



Tgt Ion:202 Resp: 6306
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 22.1 14.2 21.4

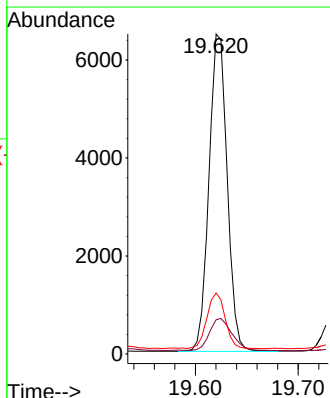
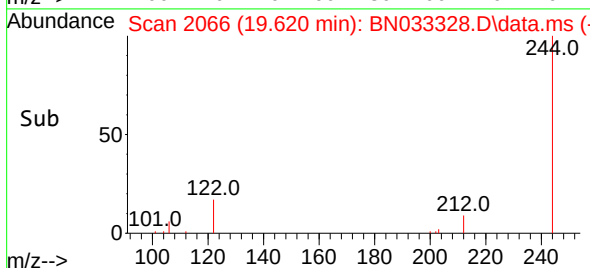
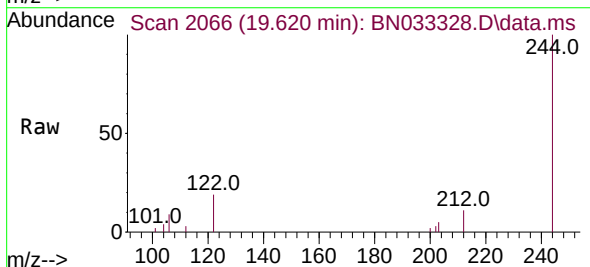
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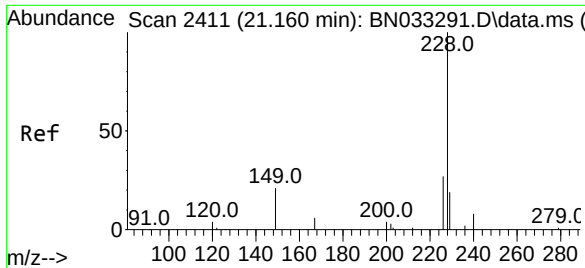
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#31
Terphenyl-d14
Concen: 0.258 ng
RT: 19.620 min Scan# 2066
Delta R.T. -0.013 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

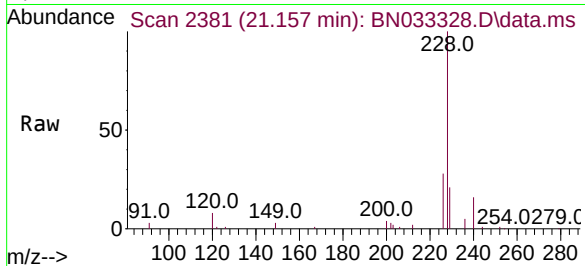
Tgt Ion:244 Resp: 7958
Ion Ratio Lower Upper
244 100
212 10.7 7.2 10.8
122 19.0 12.7 19.1





#32
Benzo(a)anthracene
Concen: 0.478 ng
RT: 21.157 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

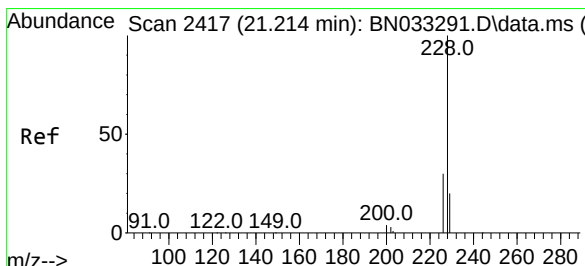
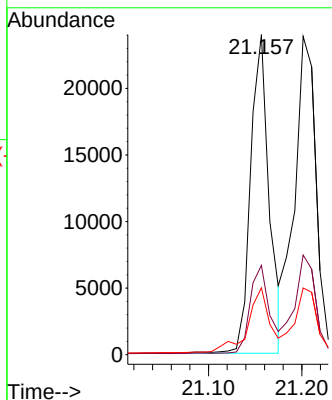
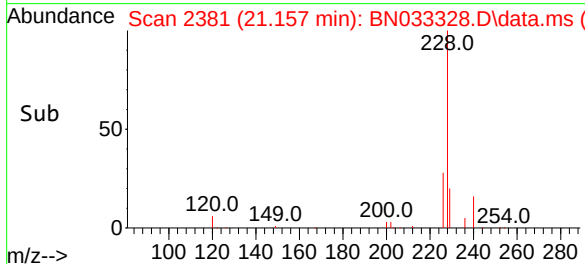
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724



Tgt Ion:228 Resp: 3316
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.9 15.6 23.4

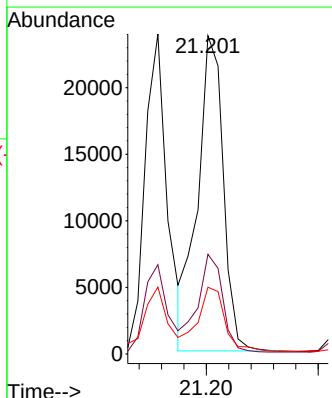
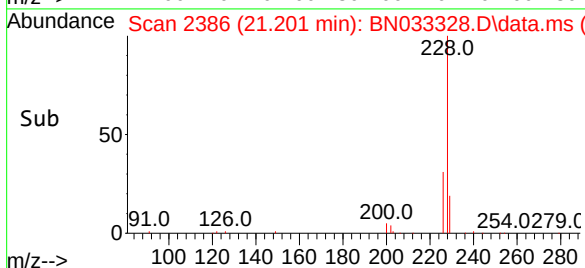
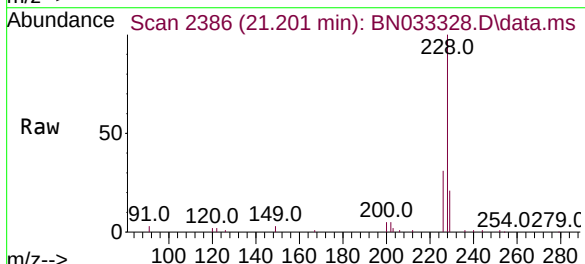
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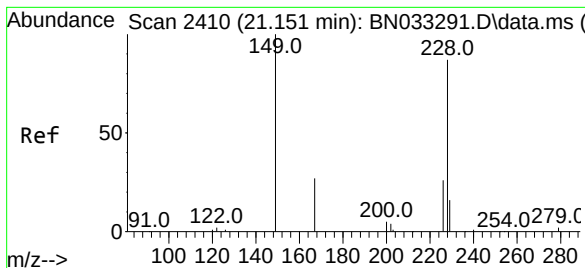
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#33
Chrysene
Concen: 0.562 ng
RT: 21.201 min Scan# 2386
Delta R.T. -0.013 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

Tgt Ion:228 Resp: 37725
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.8
229 21.0 15.8 23.8





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 21.130 min Scan# 21

Delta R.T. -0.022 min

Lab File: BN033328.D

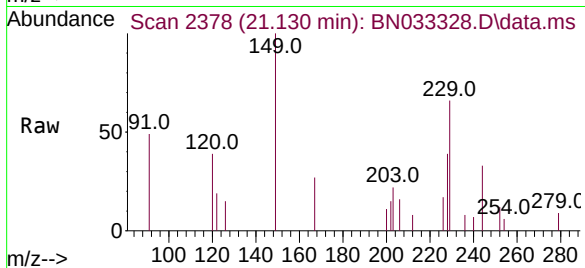
Acq: 09 Aug 2024 21:57

Instrument :

BNA_N

ClientSampleId :

927-K1-SD-0.5-1.0-080724



Tgt Ion:149 Resp: 1310

Ion Ratio Lower Upper

149 100

167 22.4 21.6 32.4

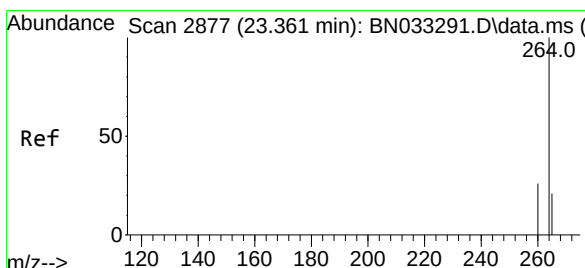
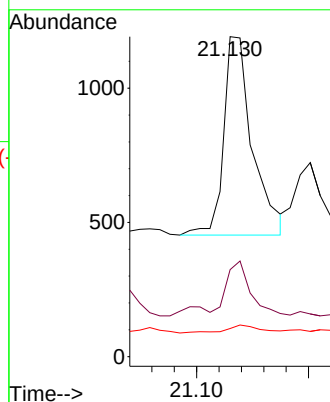
279 4.8 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2024

Supervised By :mohammad ahmed 08/12/2024



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.355 min Scan# 2844

Delta R.T. -0.006 min

Lab File: BN033328.D

Acq: 09 Aug 2024 21:57

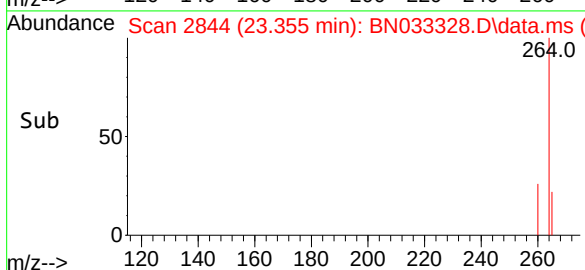
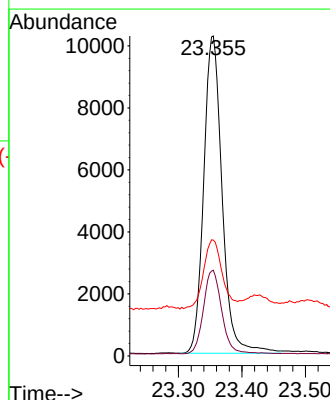
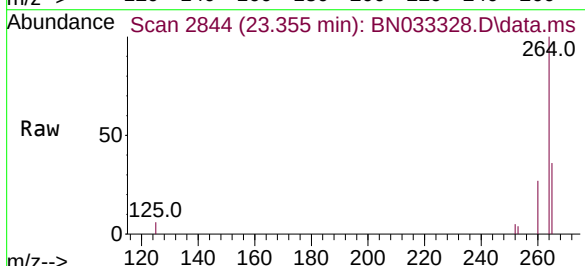
Tgt Ion:264 Resp: 20644

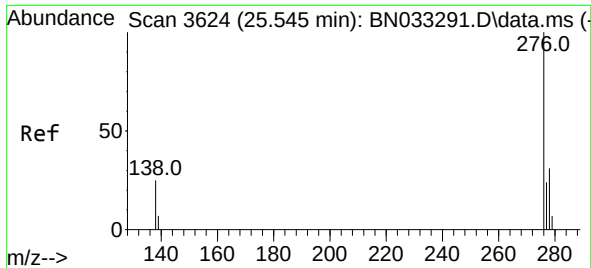
Ion Ratio Lower Upper

264 100

260 26.8 21.4 32.0

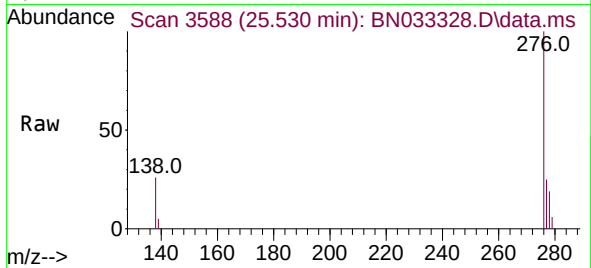
265 36.2 22.4 33.6





#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.267 ng
 RT: 25.530 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BN033328.D
 Acq: 09 Aug 2024 21:57

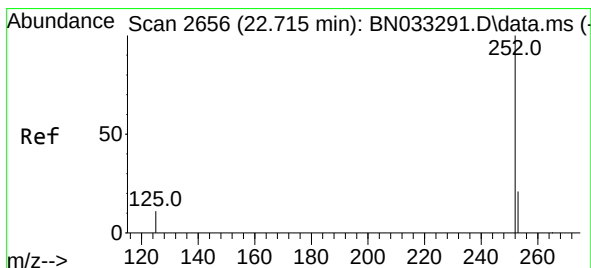
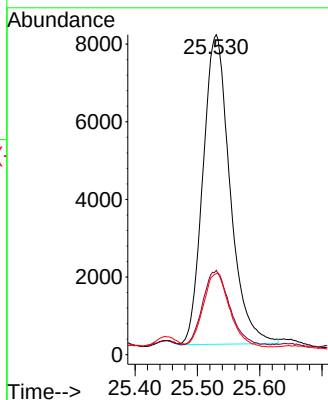
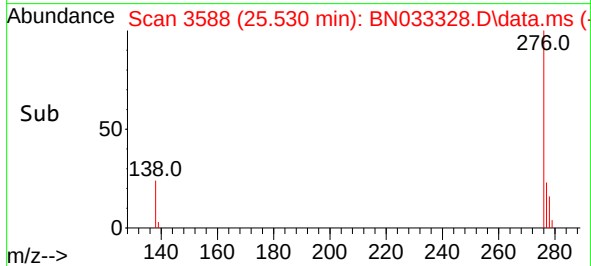
Instrument :
 BNA_N
 ClientSampleId :
 927-K1-SD-0.5-1.0-080724



Tgt Ion:276 Resp: 24068
 Ion Ratio Lower Upper
 276 100
 138 23.9 22.7 34.1
 277 23.1 19.8 29.8

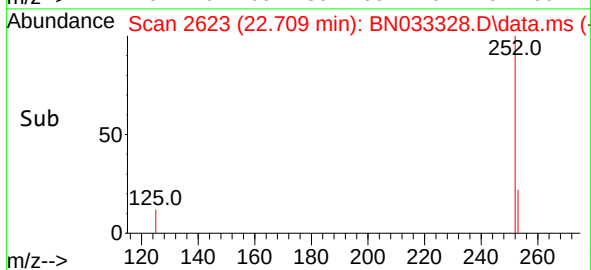
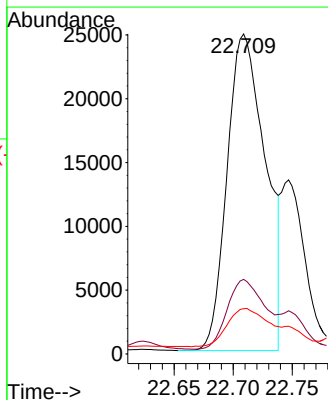
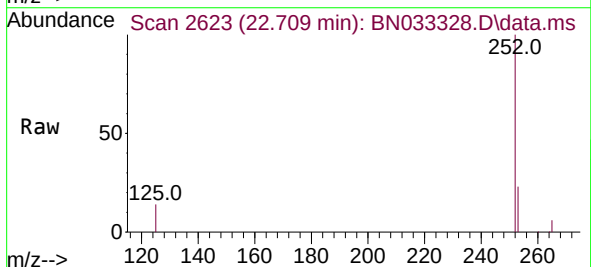
Manual Integrations
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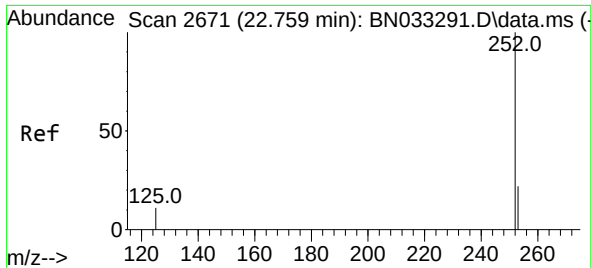
Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024



#37
 Benzo(b)fluoranthene
 Concen: 0.729 ng
 RT: 22.709 min Scan# 2623
 Delta R.T. -0.006 min
 Lab File: BN033328.D
 Acq: 09 Aug 2024 21:57

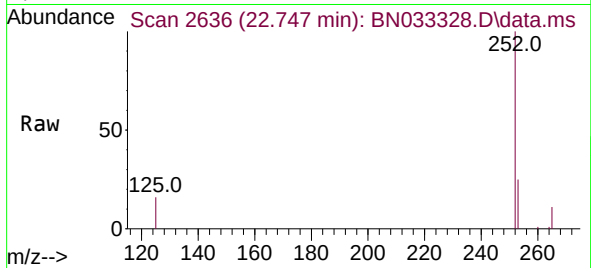
Tgt Ion:252 Resp: 55948
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.8 26.6
 125 14.2 10.0 15.0





#38
Benzo(k)fluoranthene
Concen: 0.250 ng m
RT: 22.747 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

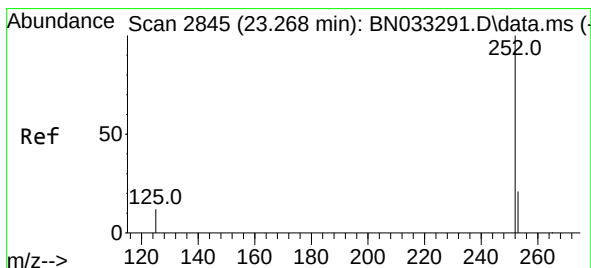
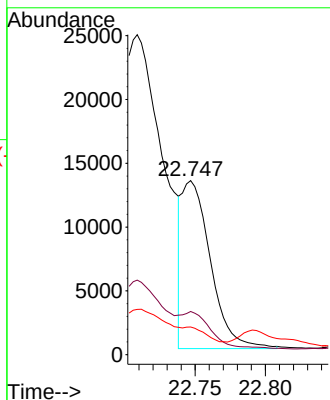
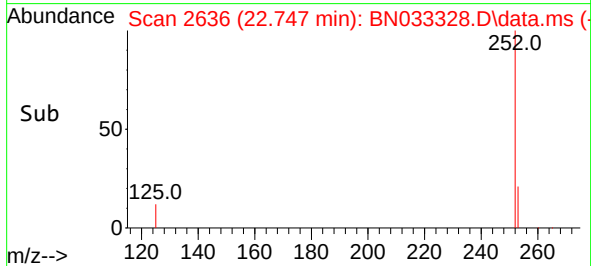
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724



Tgt Ion:252 Resp: 18615
Ion Ratio Lower Upper
252 100
253 24.8 18.3 27.5
125 15.9 10.2 15.4

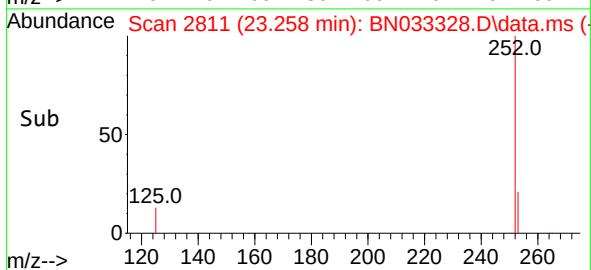
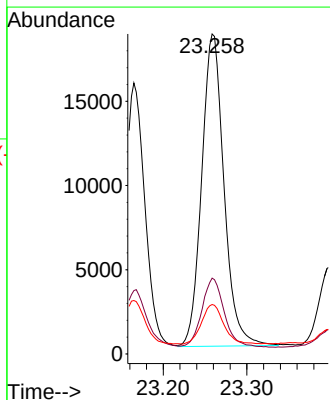
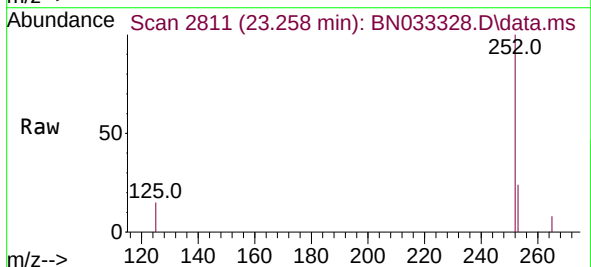
Manual Integrations
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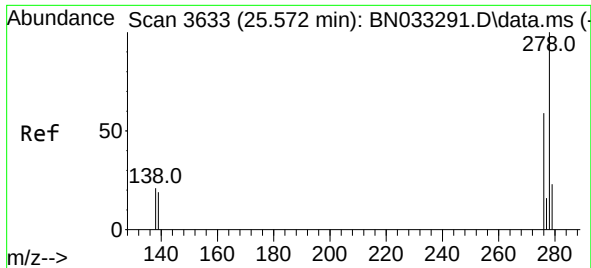
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#39
Benzo(a)pyrene
Concen: 0.504 ng
RT: 23.258 min Scan# 2811
Delta R.T. -0.009 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

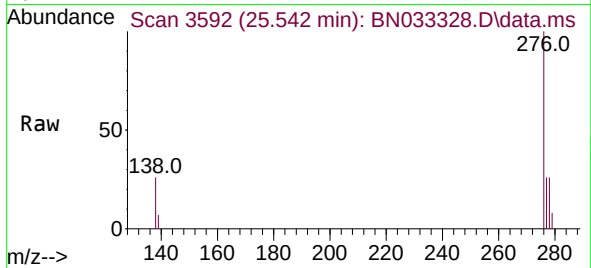
Tgt Ion:252 Resp: 34364
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 15.5 11.4 17.2





#40
Dibenzo(a,h)anthracene
Concen: 0.074 ng
RT: 25.542 min Scan# 31
Delta R.T. -0.030 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

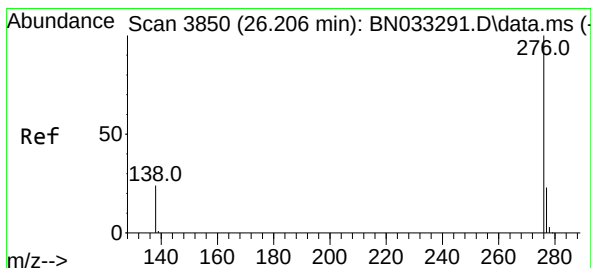
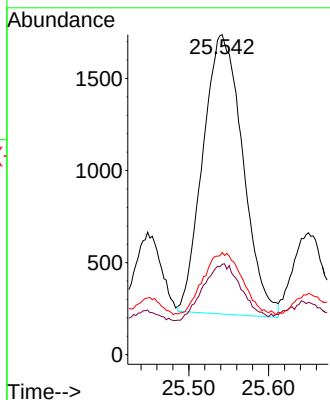
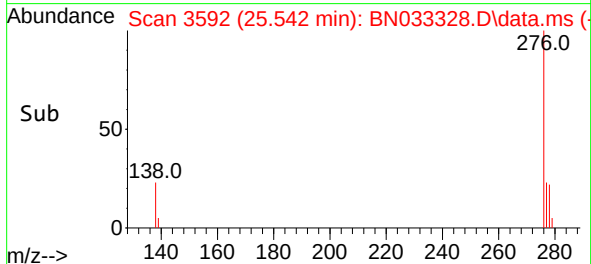
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724



Tgt Ion:278 Resp: 5269
Ion Ratio Lower Upper
278 100
139 28.3 16.3 24.5
279 31.9 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#41
Benzo(g,h,i)perylene
Concen: 0.331 ng
RT: 26.185 min Scan# 3812
Delta R.T. -0.021 min
Lab File: BN033328.D
Acq: 09 Aug 2024 21:57

Tgt Ion:276 Resp: 25681
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 27.1 20.8 31.2

