

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033326.D
 Acq On : 09 Aug 2024 20:44
 Operator : MA/JU
 Sample : P3512-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0-0.5-080724

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 01:09:50 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	7.587	152	4202	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	11866	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6523	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	15734	0.400	ng	# 0.00
29) Chrysene-d12	21.174	240	14597	0.400	ng	0.00
35) Perylene-d12	23.352	264	17622	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	2640	0.239	ng	0.00
5) Phenol-d6	6.757	99	3710	0.245	ng	0.00
8) Nitrobenzene-d5	8.715	82	1927	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	11.943	152	3603	0.195	ng	-0.01
14) 2,4,6-Tribromophenol	15.704	330	511	0.194	ng	-0.01
15) 2-Fluorobiphenyl	12.844	172	5623	0.229	ng	0.00
27) Fluoranthene-d10	19.007	212	7554	0.174	ng	0.00
31) Terphenyl-d14	19.625	244	4601	0.183	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.008	178	3872	0.085	ng	99
28) Fluoranthene	19.035	202	12931	0.225	ng	100
30) Pyrene	19.397	202	10579	0.184	ng	97
32) Benzo(a)anthracene	21.157	228	4591	0.081	ng	92
33) Chrysene	21.201	228	6758	0.123	ng	96
34) Bis(2-ethylhexyl)phtha...	21.130	149	927	0.032	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.527	276	4971	0.064	ng	93
37) Benzo(b)fluoranthene	22.706	252	10932	0.167	ng	# 88
38) Benzo(k)fluoranthene	22.747	252	4115m	0.065	ng	
39) Benzo(a)pyrene	23.258	252	5522	0.095	ng	# 81
41) Benzo(g,h,i)perylene	26.185	276	5702	0.086	ng	91

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

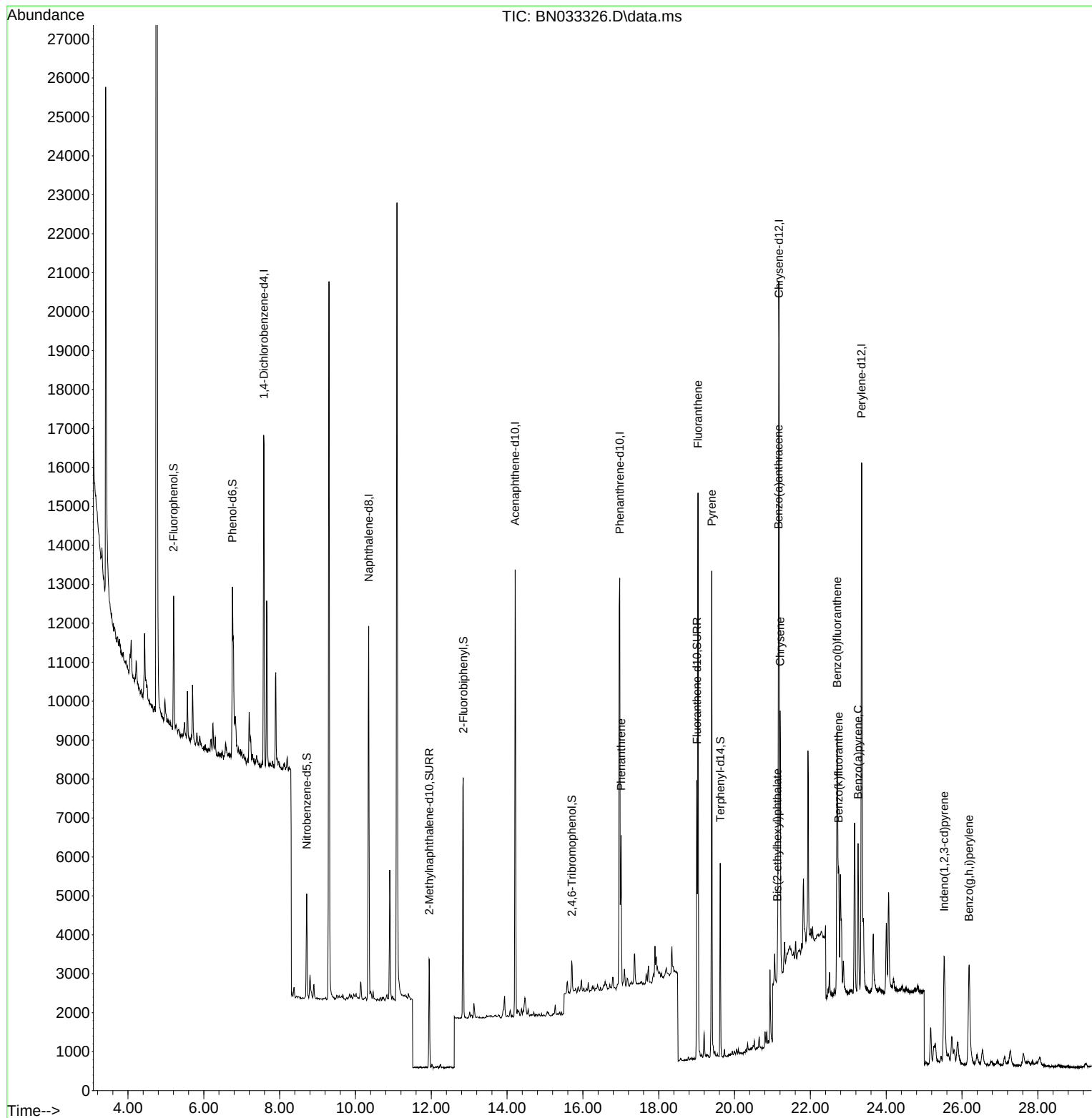
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
Data File : BN033326.D
Acq On : 09 Aug 2024 20:44
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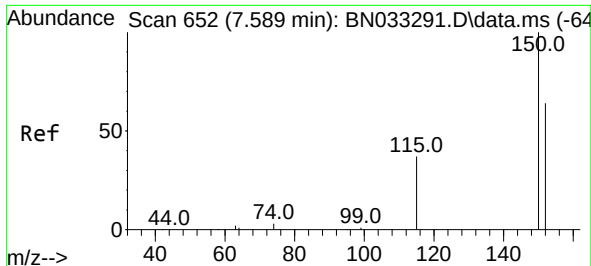
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Quant Time: Aug 10 01:09:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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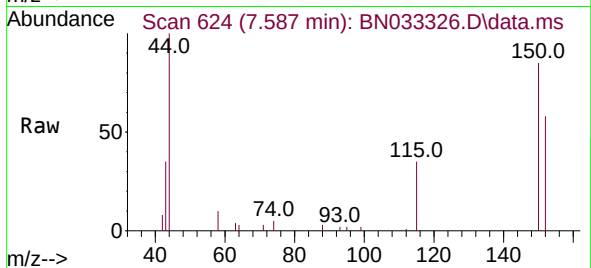
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.587 min Scan# 61
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

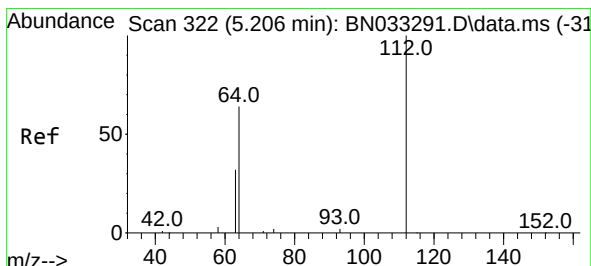
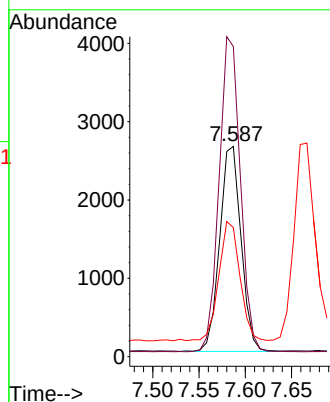
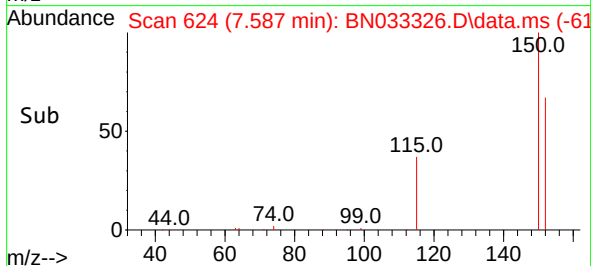
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724



Tgt Ion:152 Resp: 420
Ion Ratio Lower Upper
152 100
150 147.5 120.7 181.1
115 61.4 55.8 83.8

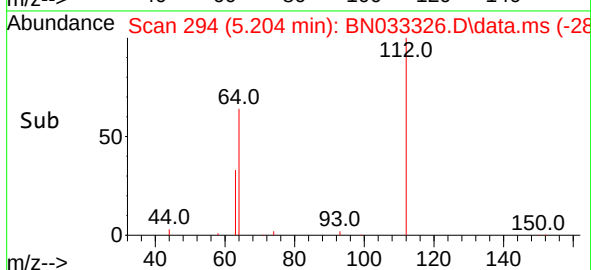
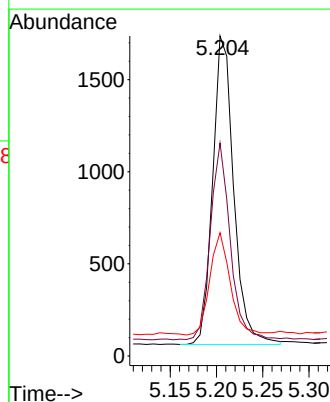
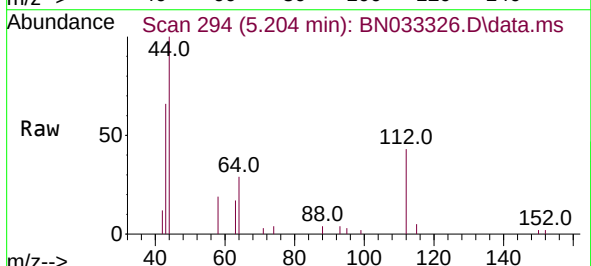
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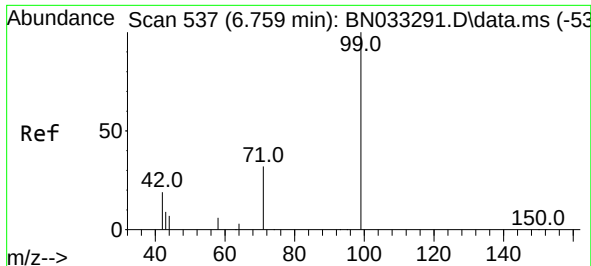
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#4
2-Fluorophenol
Concen: 0.239 ng
RT: 5.204 min Scan# 294
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

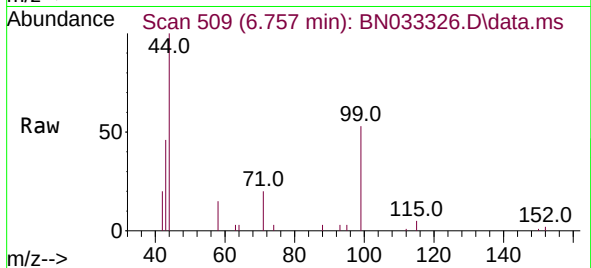
Tgt Ion:112 Resp: 2640
Ion Ratio Lower Upper
112 100
64 60.5 48.7 73.1
63 32.3 25.4 38.2





#5
Phenol-d6
Concen: 0.245 ng
RT: 6.757 min Scan# 509
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

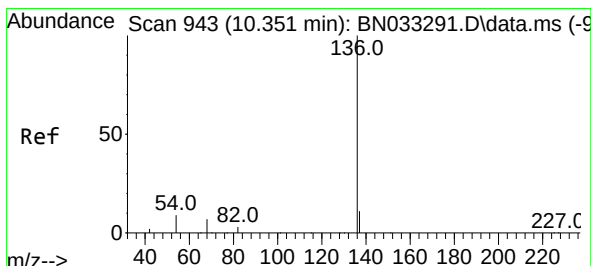
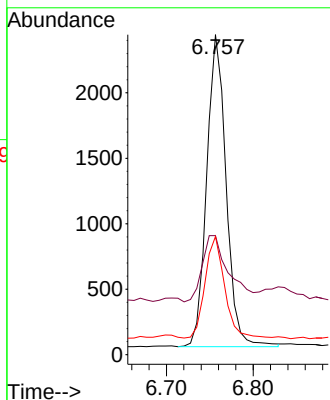
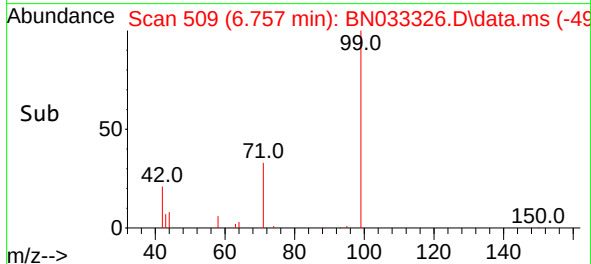
Instrument :
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ClientSampleId :
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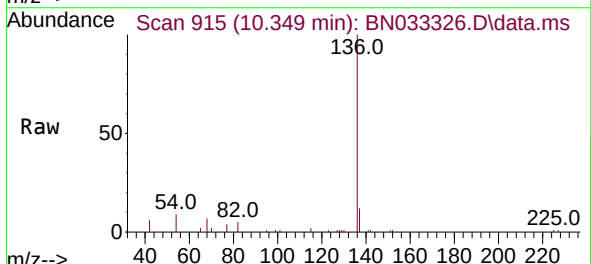
Tgt Ion: 99 Resp: 3710
Ion Ratio Lower Upper
99 100
42 28.8 19.3 28.9
71 32.6 27.6 41.4

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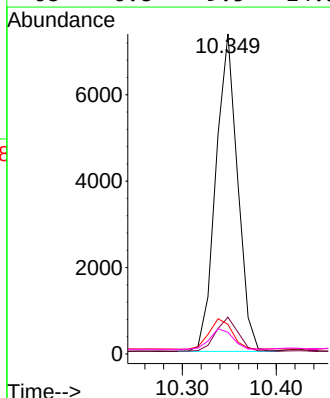
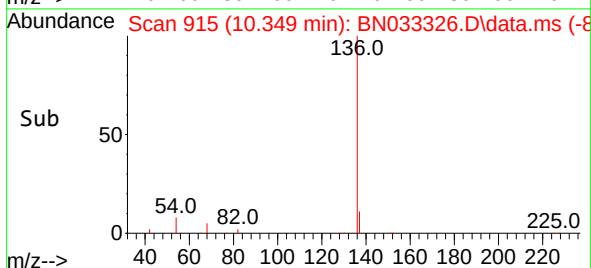
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

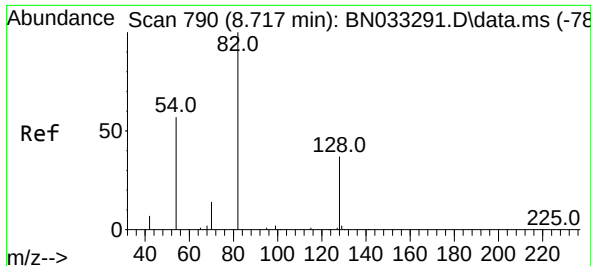


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 915
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44



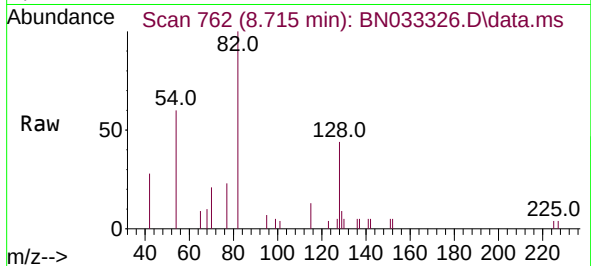
Tgt Ion:136 Resp: 11866
Ion Ratio Lower Upper
136 100
137 11.5 9.9 14.9
54 9.2 11.4 17.2#
68 6.8 9.5 14.3#





#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.715 min Scan# 790
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

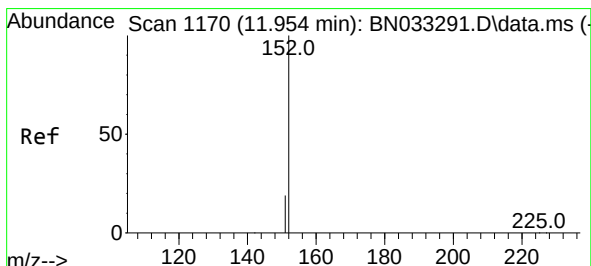
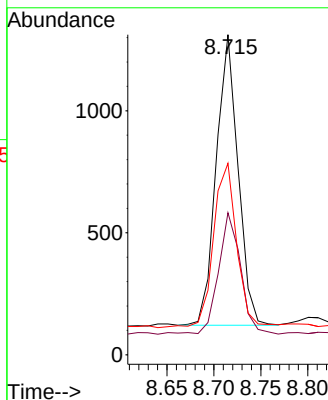
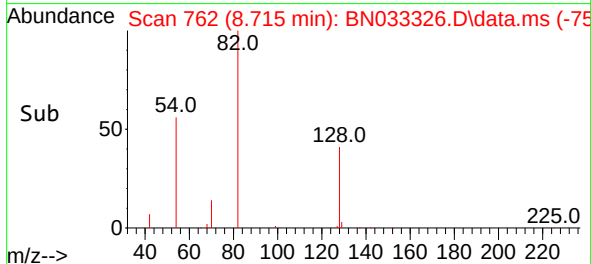
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724



Tgt Ion: 82 Resp: 192
Ion Ratio Lower Upper
82 100
128 44.4 29.4 44.2
54 59.8 50.0 75.0

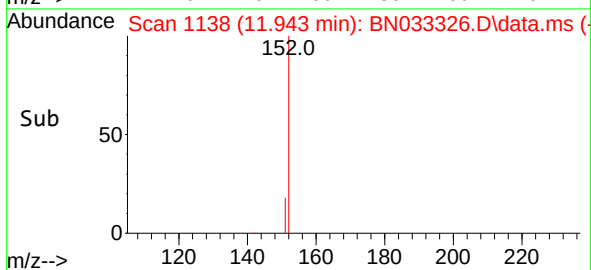
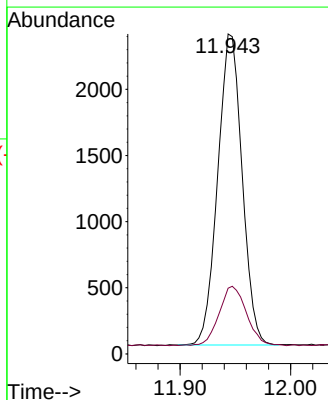
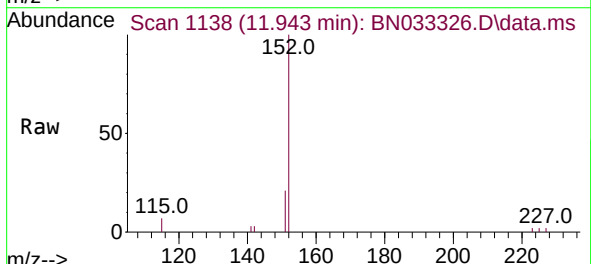
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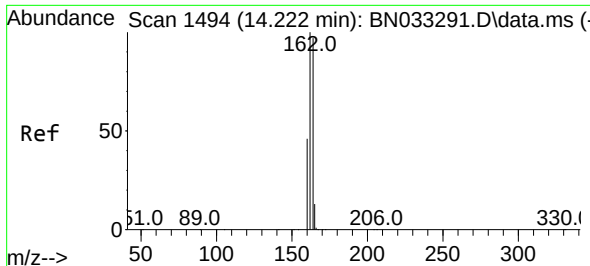
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#11
2-Methylnaphthalene-d10
Concen: 0.195 ng
RT: 11.943 min Scan# 1138
Delta R.T. -0.010 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

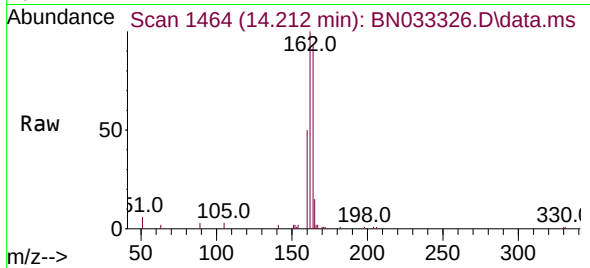
Tgt Ion:152 Resp: 3603
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

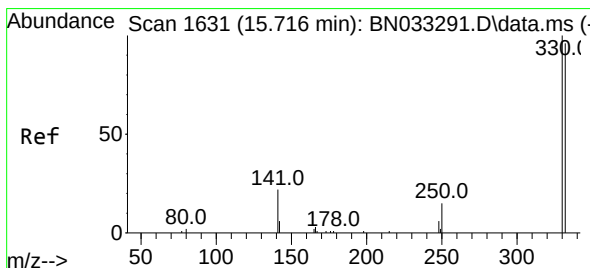
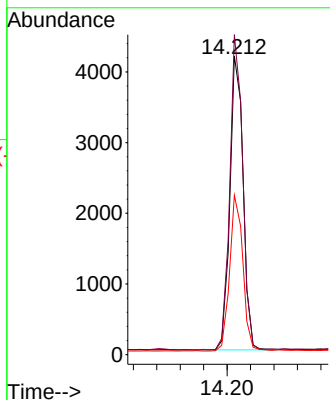
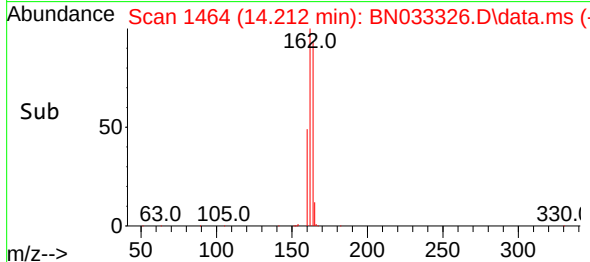
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724



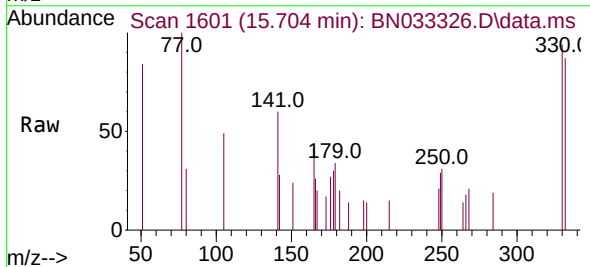
Tgt Ion:164 Resp: 652
Ion Ratio Lower Upper
164 100
162 107.1 82.6 124.0
160 53.4 38.2 57.4

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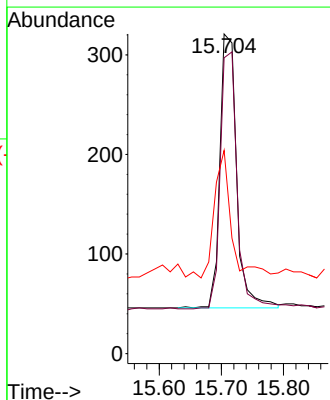
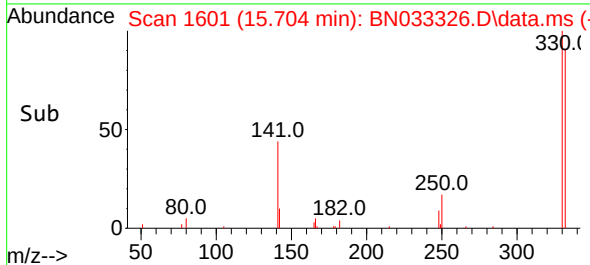
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

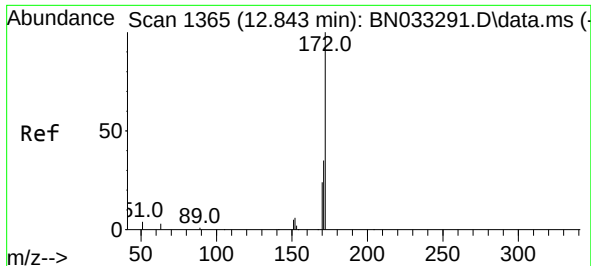


#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.704 min Scan# 1601
Delta R.T. -0.011 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44



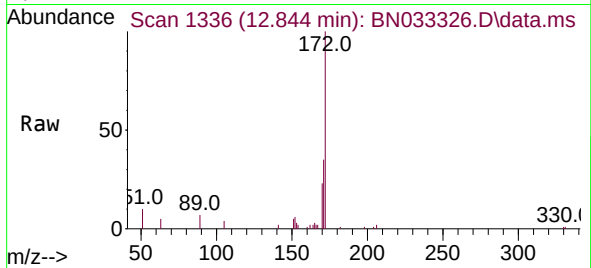
Tgt Ion:330 Resp: 511
Ion Ratio Lower Upper
330 100
332 94.7 75.6 113.4
141 47.0 31.0 46.4#





#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 12.844 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

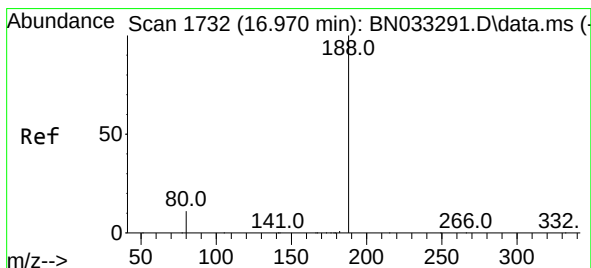
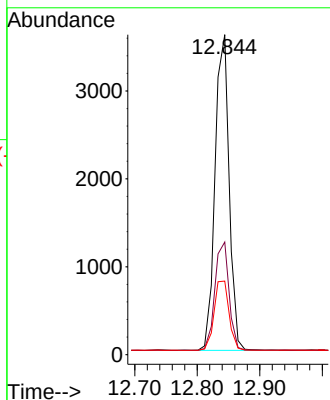
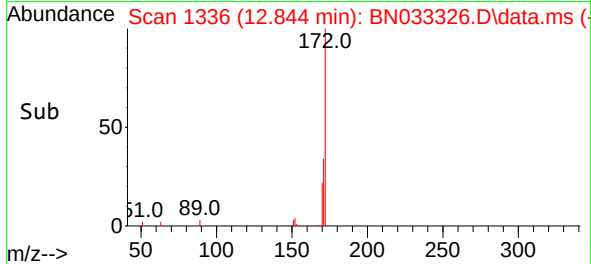
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931-K1-SD-0-0.5-080724



Tgt Ion:172 Resp: 562
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.0 19.4 29.2

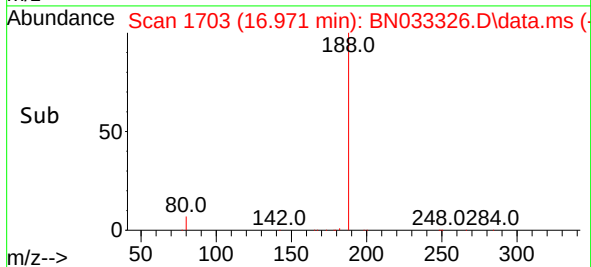
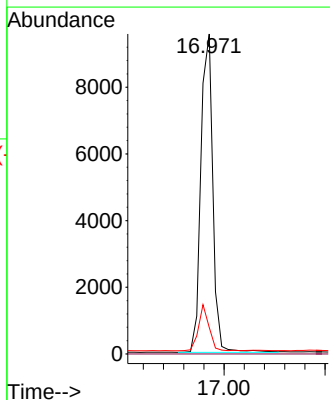
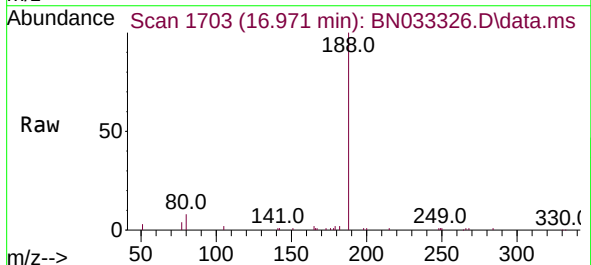
Manual Integrations
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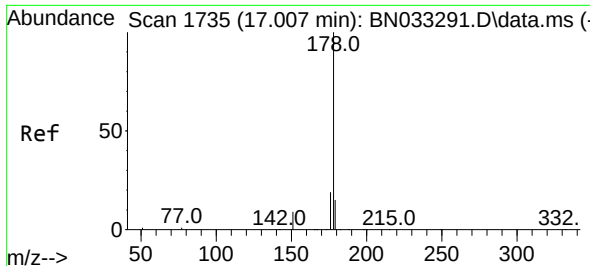
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

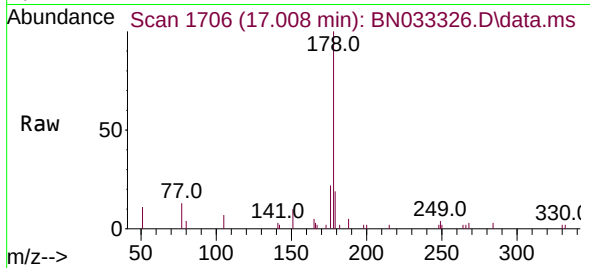
Tgt Ion:188 Resp: 15734
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 10.5 15.7#





#25
Phenanthrene
Concen: 0.085 ng
RT: 17.008 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

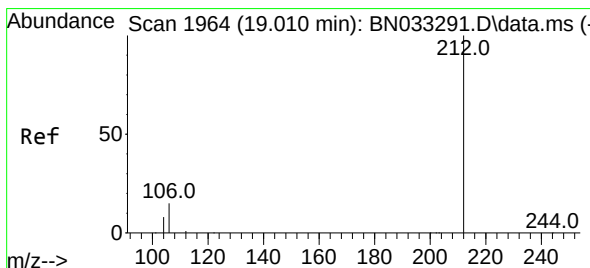
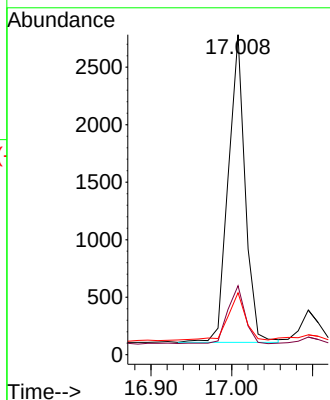
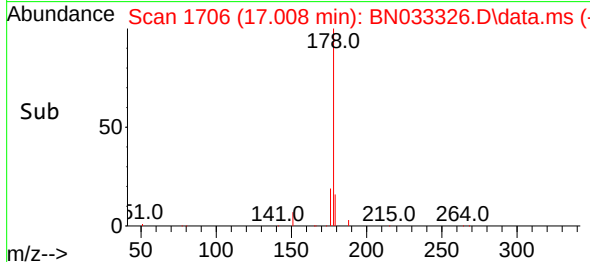
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931-K1-SD-0-0.5-080724



Tgt Ion:178 Resp: 3872
Ion Ratio Lower Upper
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176 19.3 15.2 22.8
179 15.4 12.0 18.0

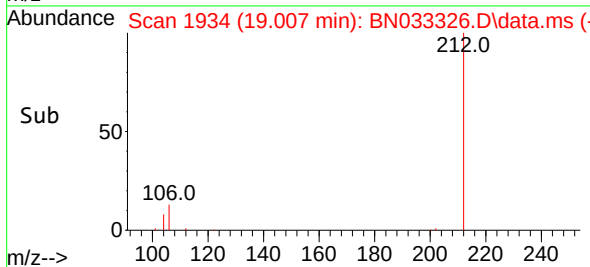
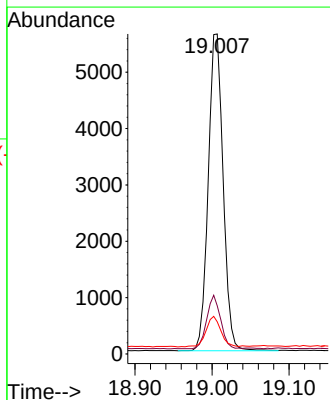
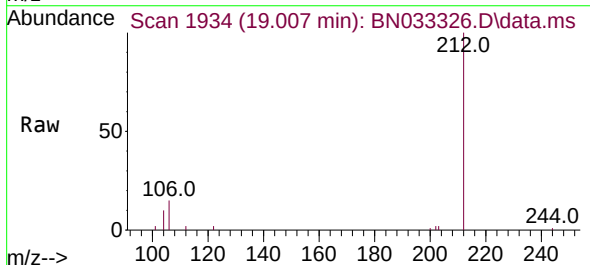
Manual Integrations
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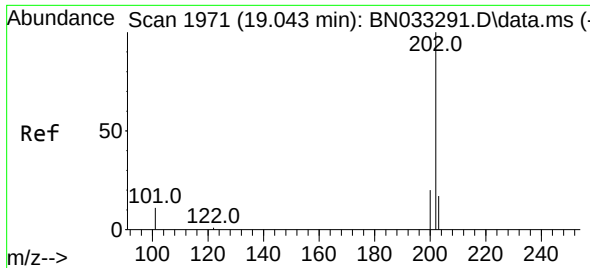
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#27
Fluoranthene-d10
Concen: 0.174 ng
RT: 19.007 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

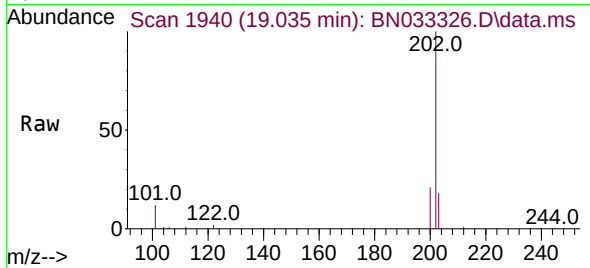
Tgt Ion:212 Resp: 7554
Ion Ratio Lower Upper
212 100
106 15.6 12.2 18.4
104 9.6 6.9 10.3





#28
Fluoranthene
Concen: 0.225 ng
RT: 19.035 min Scan# 1971
Delta R.T. -0.008 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

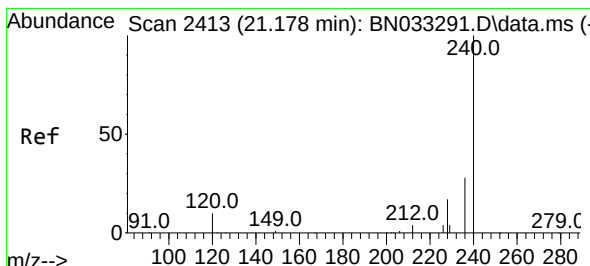
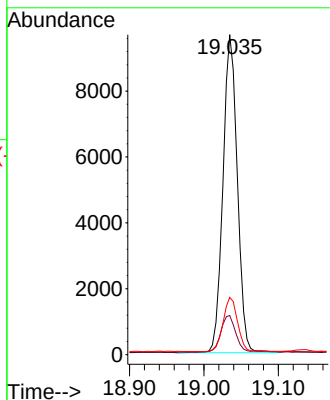
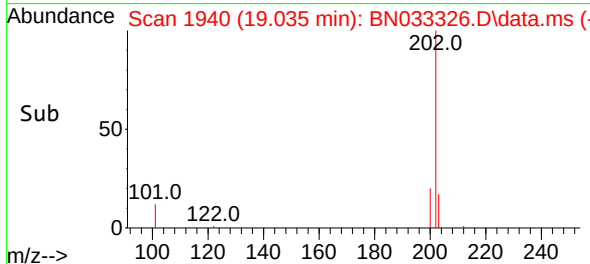
Instrument :
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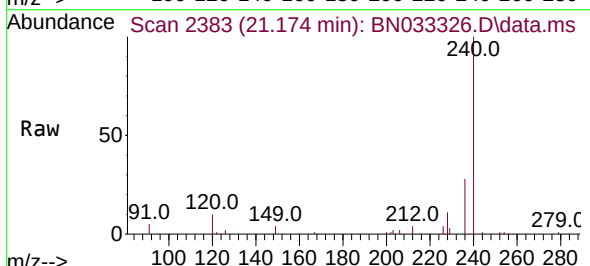
Tgt Ion:202 Resp: 1293
Ion Ratio Lower Upper
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203 17.1 13.8 20.6

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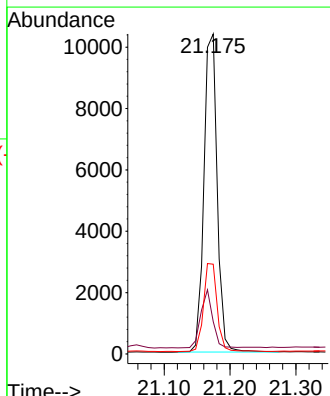
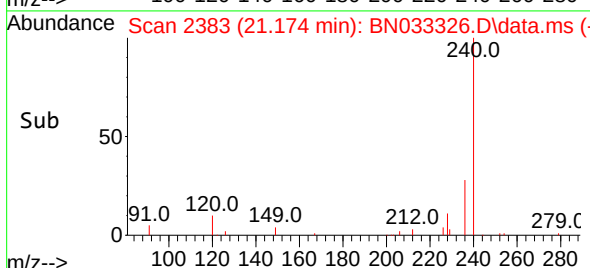
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

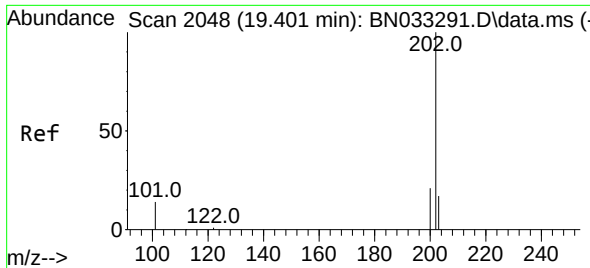


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.174 min Scan# 2383
Delta R.T. -0.004 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44



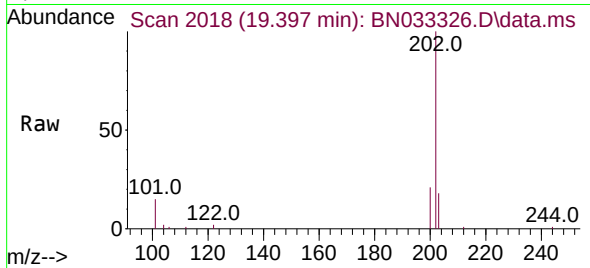
Tgt Ion:240 Resp: 14597
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.6
236 28.1 22.4 33.6





#30
Pyrene
Concen: 0.184 ng
RT: 19.397 min Scan# 2048
Delta R.T. -0.004 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

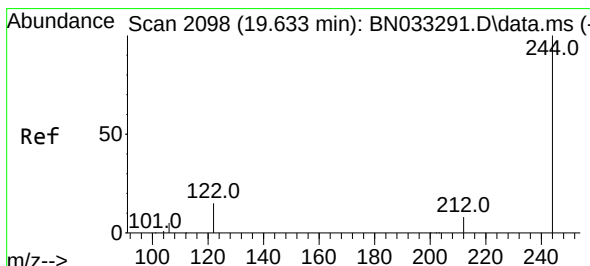
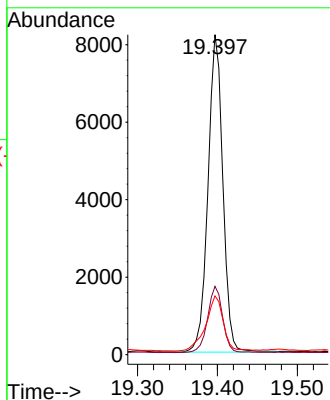
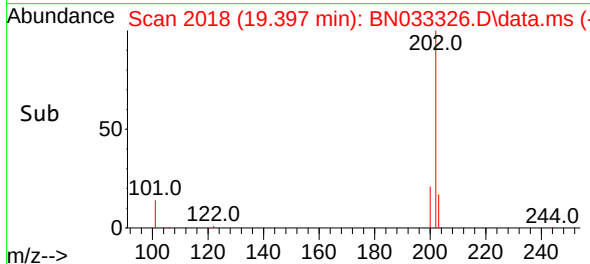
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724



Tgt Ion:202 Resp: 10579
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 20.6 14.2 21.4

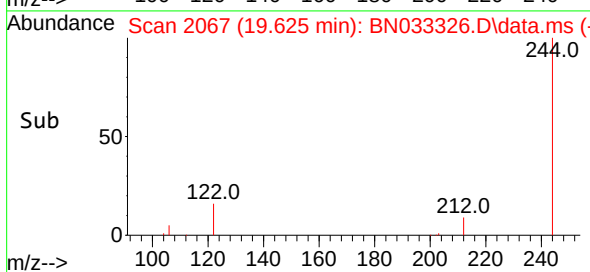
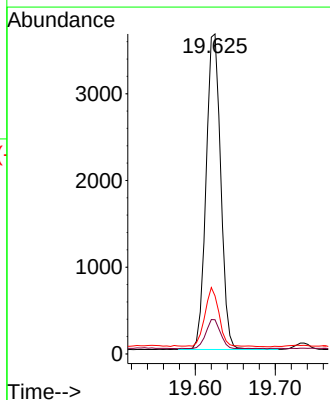
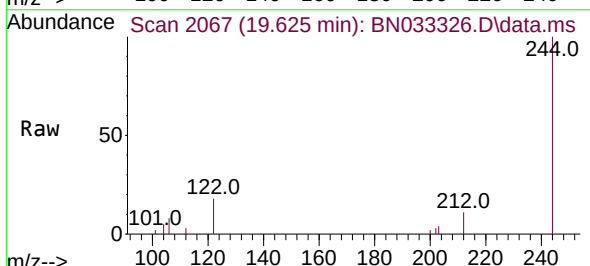
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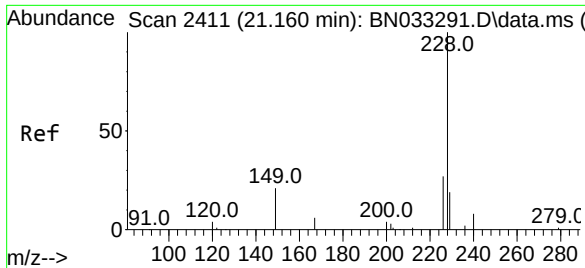
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#31
Terphenyl-d14
Concen: 0.183 ng
RT: 19.625 min Scan# 2067
Delta R.T. -0.008 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

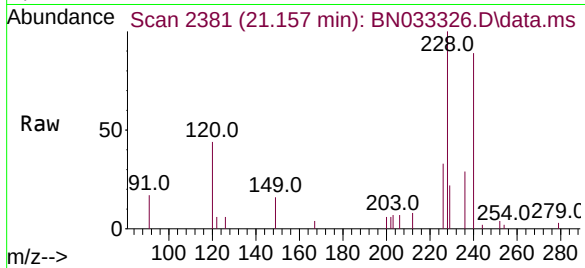
Tgt Ion:244 Resp: 4601
Ion Ratio Lower Upper
244 100
212 10.7 7.2 10.8
122 18.1 12.7 19.1





#32
Benzo(a)anthracene
Concen: 0.081 ng
RT: 21.157 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

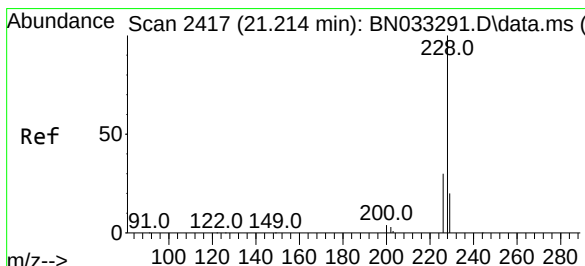
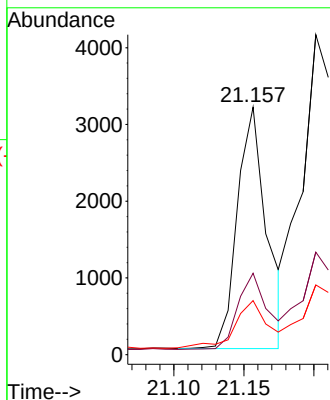
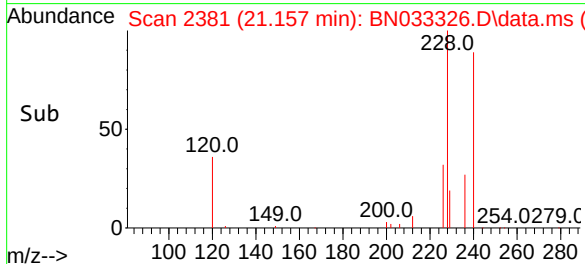
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724



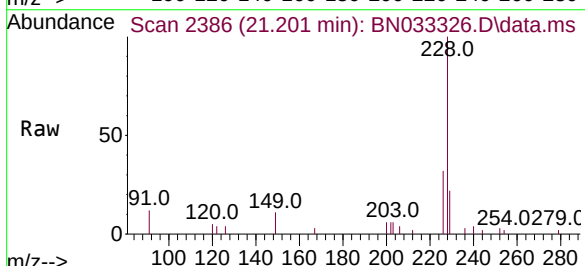
Tgt Ion:228 Resp: 459
Ion Ratio Lower Upper
228 100
226 32.9 22.1 33.1
229 21.8 15.6 23.4

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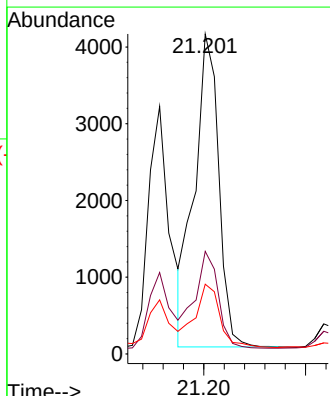
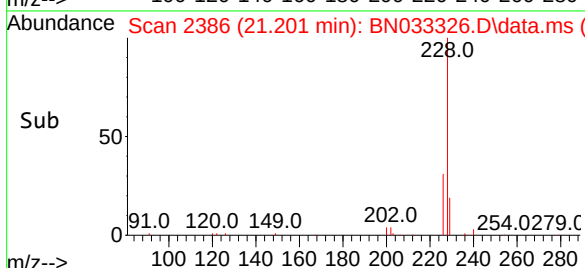
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

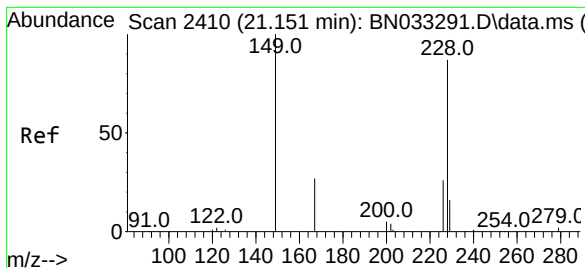


#33
Chrysene
Concen: 0.123 ng
RT: 21.201 min Scan# 2386
Delta R.T. -0.013 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44



Tgt Ion:228 Resp: 6758
Ion Ratio Lower Upper
228 100
226 32.1 23.8 35.8
229 21.8 15.8 23.8





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 21.130 min Scan# 21

Delta R.T. -0.022 min

Lab File: BN033326.D

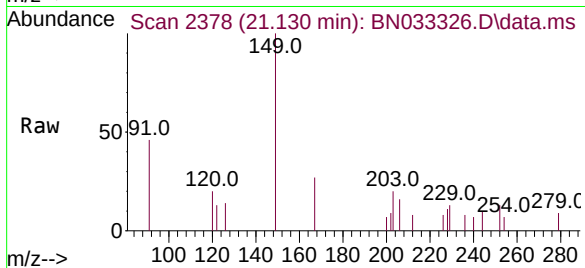
Acq: 09 Aug 2024 20:44

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724



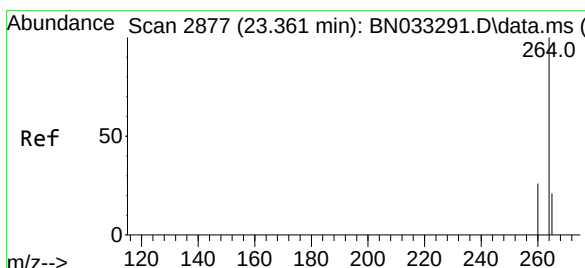
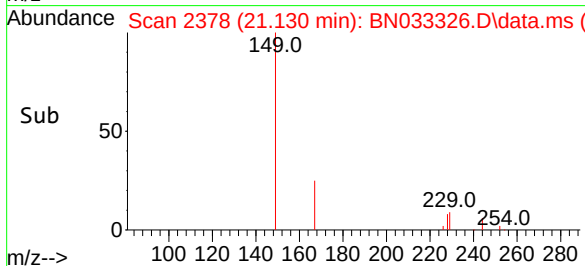
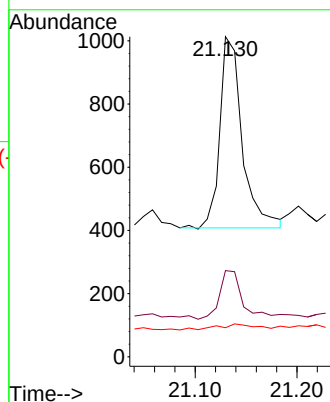
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.6	32.4
279	5.0	2.6	4.0

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Reviewed By :Yogesh Patel 08/12/2024

Supervised By :mohammad ahmed 08/12/2024



#35

Perylene-d12

Concen: 0.400 ng

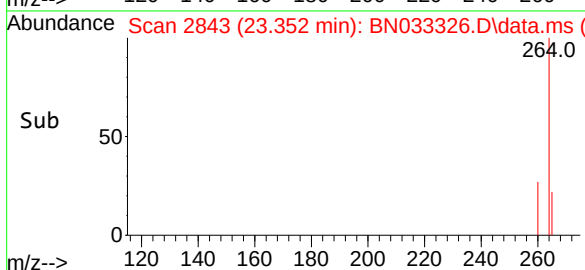
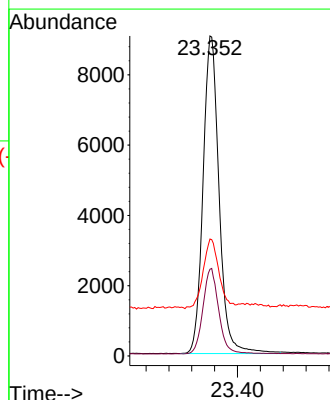
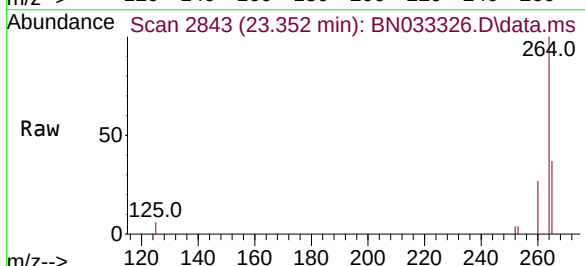
RT: 23.352 min Scan# 2843

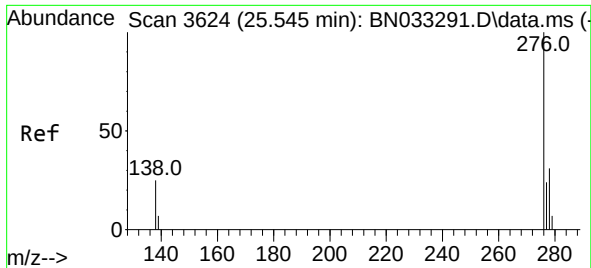
Delta R.T. -0.009 min

Lab File: BN033326.D

Acq: 09 Aug 2024 20:44

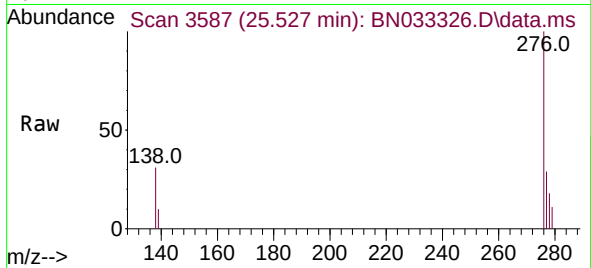
Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.4	32.0
265	36.5	22.4	33.6





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng
RT: 25.527 min Scan# 31
Delta R.T. -0.018 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

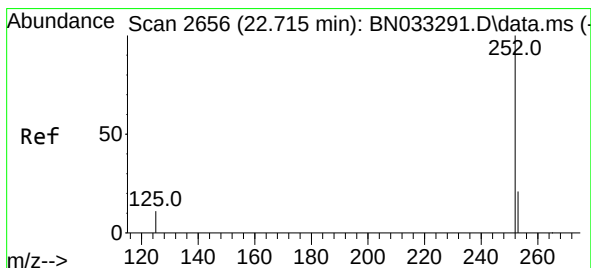
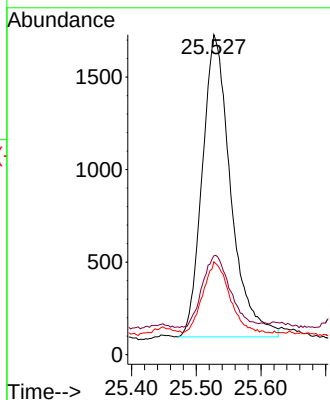
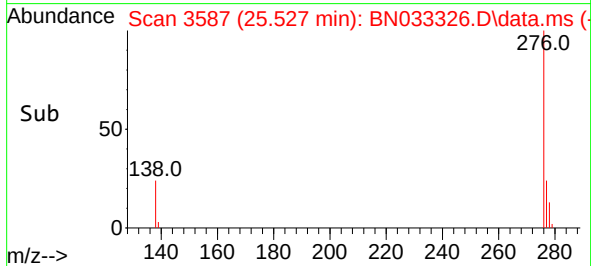
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724



Tgt Ion:276 Resp: 497
Ion Ratio Lower Upper
276 100
138 23.5 22.7 34.1
277 22.8 19.8 29.8

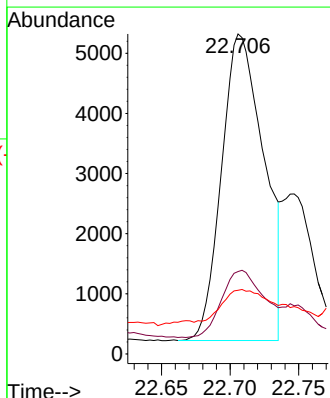
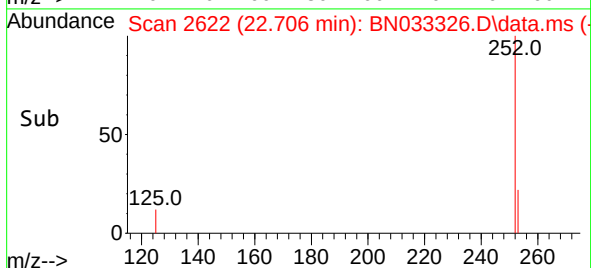
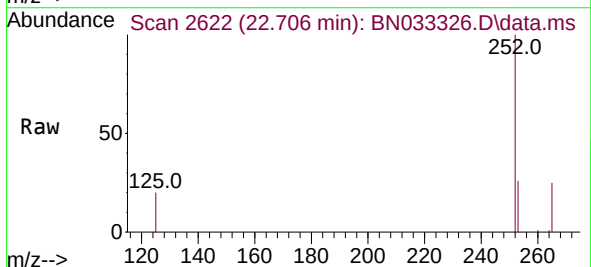
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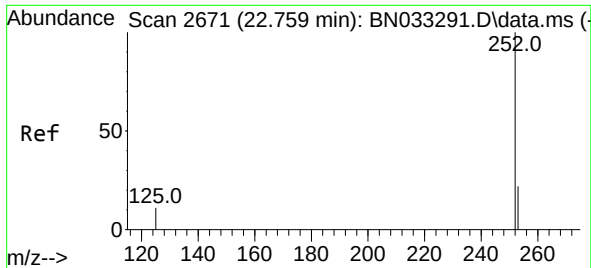
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#37
Benzo(b)fluoranthene
Concen: 0.167 ng
RT: 22.706 min Scan# 2622
Delta R.T. -0.009 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

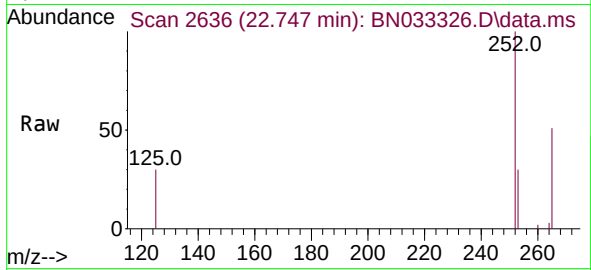
Tgt Ion:252 Resp: 10932
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 19.9 10.0 15.0#





#38
Benzo(k)fluoranthene
Concen: 0.065 ng m
RT: 22.747 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

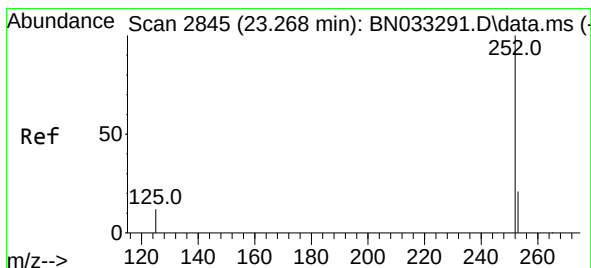
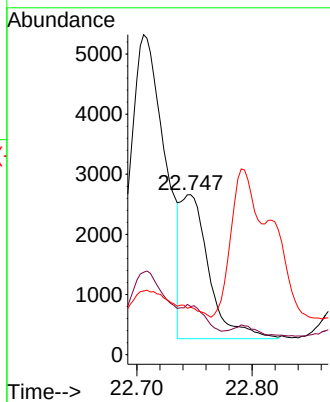
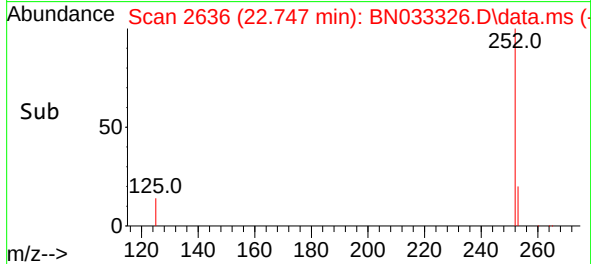
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724



Tgt Ion:252 Resp: 4115
Ion Ratio Lower Upper
252 100
253 30.1 18.3 27.5#
125 29.6 10.2 15.4#

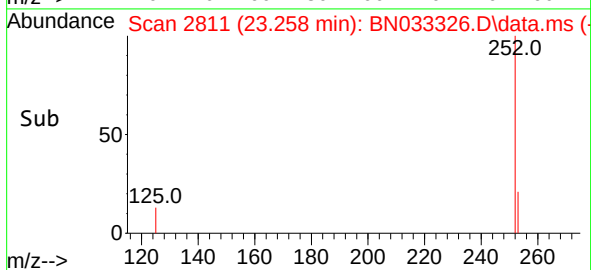
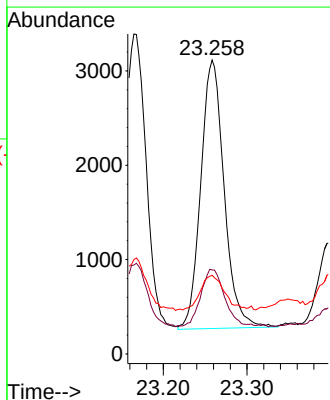
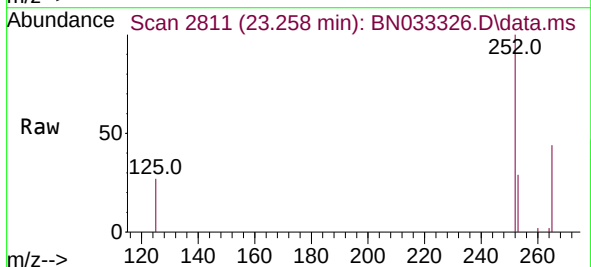
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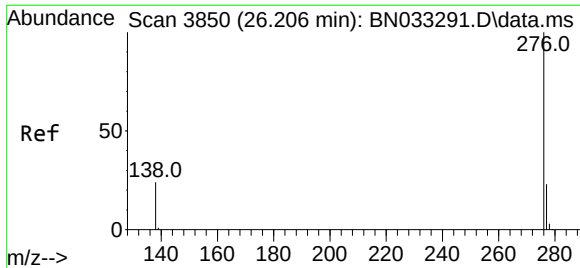
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#39
Benzo(a)pyrene
Concen: 0.095 ng
RT: 23.258 min Scan# 2811
Delta R.T. -0.009 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

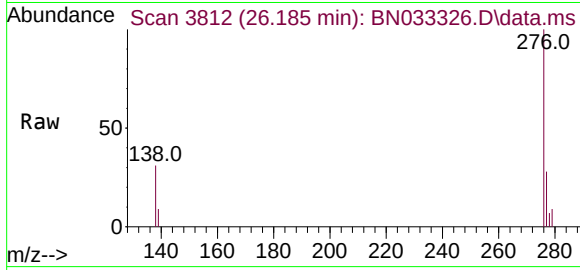
Tgt Ion:252 Resp: 5522
Ion Ratio Lower Upper
252 100
253 28.6 18.2 27.4#
125 26.8 11.4 17.2#





#41
Benzo(g,h,i)perylene
Concen: 0.086 ng
RT: 26.185 min Scan# 3812
Delta R.T. -0.021 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724



Tgt Ion:276 Resp: 570
Ion Ratio Lower Upper
276 100
277 28.2 19.0 28.4
138 30.9 20.8 31.2

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

