

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033502.D
 Acq On : 20 Aug 2024 12:47
 Operator : MA/JU
 Sample : P3580-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 925-K1-SD-0.5-1-081224RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 20 13:12:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8241	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	22492	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	11415	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	24297	0.400	ng	0.00
29) Chrysene-d12	21.148	240	14406	0.400	ng	0.00
35) Perylene-d12	23.317	264	14184	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2789	0.106	ng	0.00
5) Phenol-d6	6.736	99	3395	0.109	ng	0.00
8) Nitrobenzene-d5	8.681	82	2174	0.117	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	2905	0.090	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	399	0.065	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	3913	0.084	ng	0.00
27) Fluoranthene-d10	18.979	212	3334	0.057	ng	0.00
31) Terphenyl-d14	19.593	244	1992	0.061	ng	0.00
Target Compounds						
25) Phenanthrene	16.979	178	2364m	0.035	ng	Qvalue
28) Fluoranthene	19.007	202	4758	0.064	ng	98
30) Pyrene	19.370	202	4700	0.073	ng	96
32) Benzo(a)anthracene	21.130	228	1639	0.031	ng	# 81
33) Chrysene	21.184	228	2489m	0.048	ng	
34) Bis(2-ethylhexyl)phtha...	21.094	149	2490	0.076	ng	98
36) Indeno(1,2,3-cd)pyrene	25.475	276	1337	0.023	ng	# 84
37) Benzo(b)fluoranthene	22.677	252	2797	0.053	ng	# 21
38) Benzo(k)fluoranthene	22.715	252	1231m	0.024	ng	
39) Benzo(a)pyrene	23.224	252	1725	0.039	ng	# 10
41) Benzo(g,h,i)perylene	26.127	276	1381	0.027	ng	# 62

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

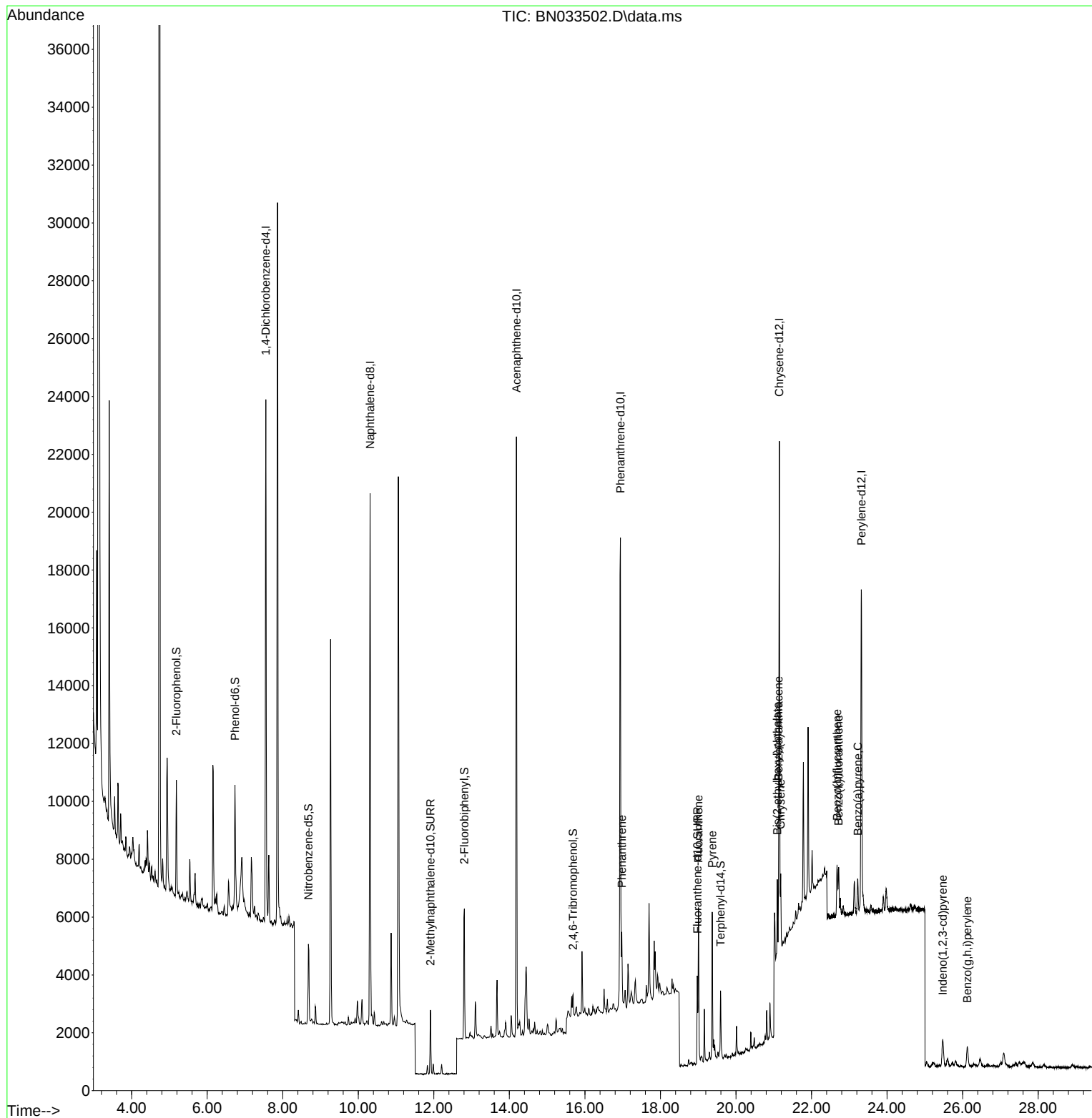
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033502.D
Acq On : 20 Aug 2024 12:47
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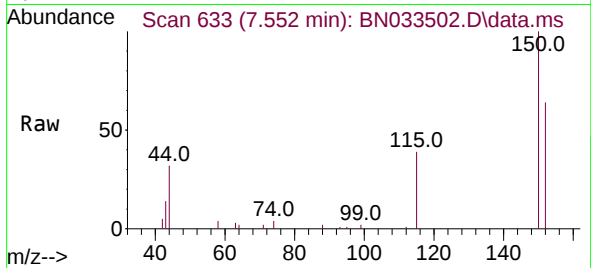
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

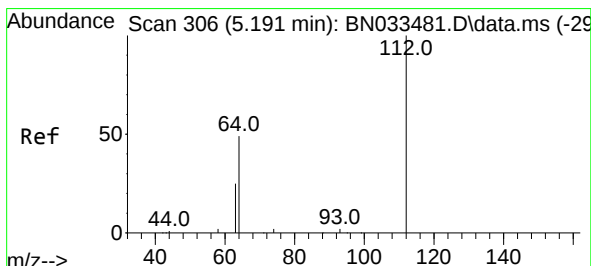
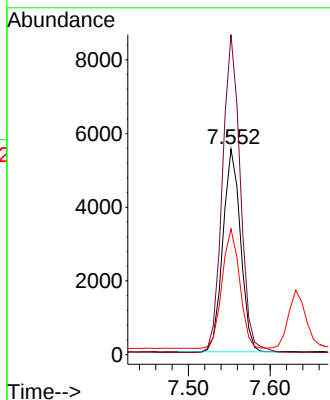
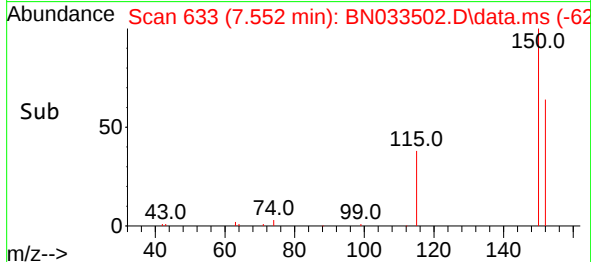
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224RE



Tgt Ion:152 Resp: 824
Ion Ratio Lower Upper
152 100
150 155.7 122.2 183.2
115 61.2 47.2 70.8

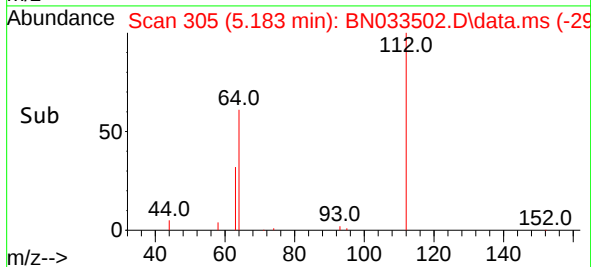
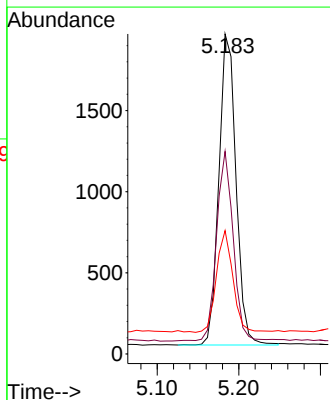
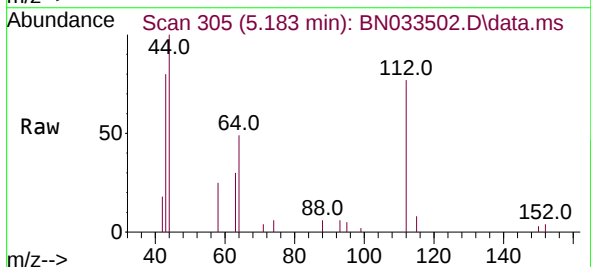
Manual Integrations
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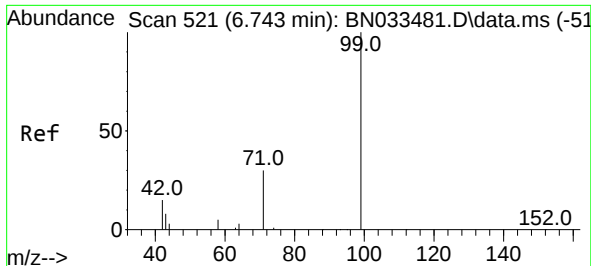
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

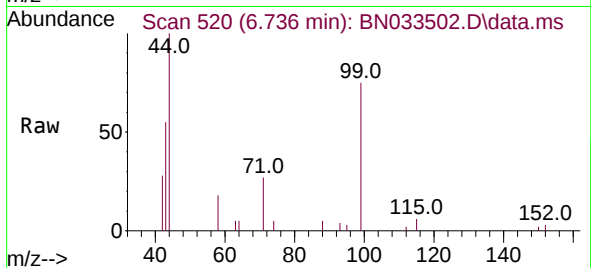
Tgt Ion:112 Resp: 2789
Ion Ratio Lower Upper
112 100
64 59.4 47.1 70.7
63 31.7 24.9 37.3





#5
Phenol-d6
Concen: 0.109 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

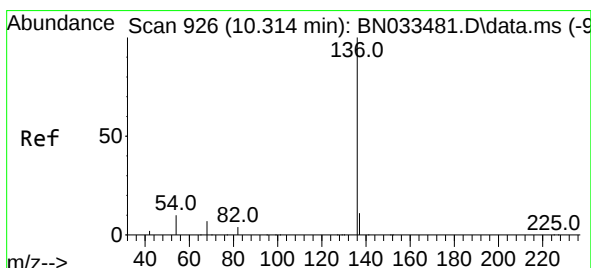
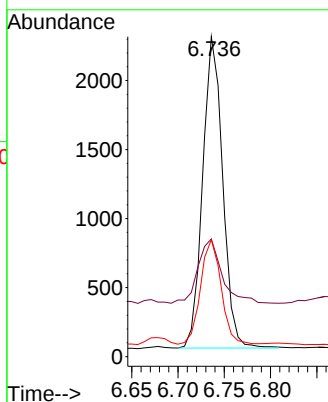
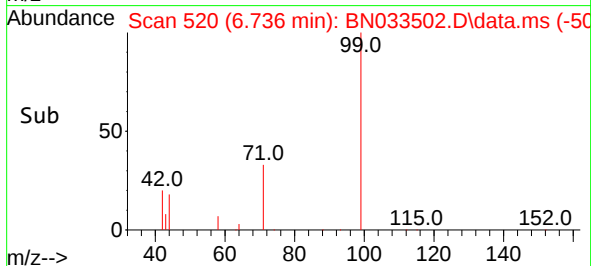
Instrument :
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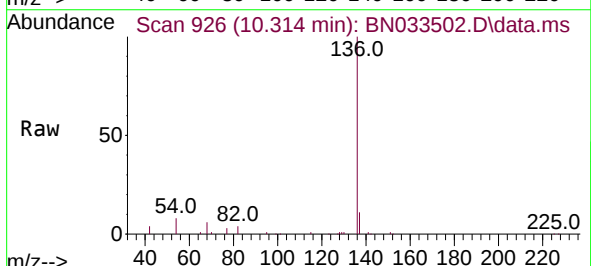
Tgt Ion: 99 Resp: 339
Ion Ratio Lower Upper
99 100
42 24.7 16.6 24.8
71 34.4 26.2 39.4

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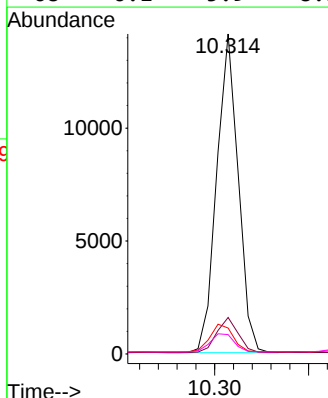
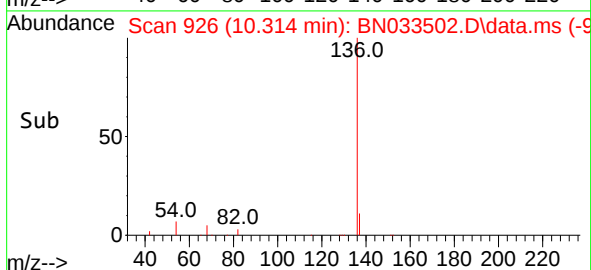
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47



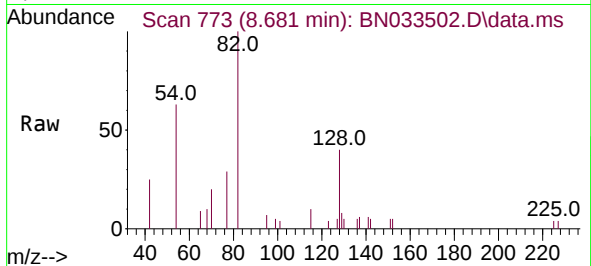
Tgt Ion:136 Resp: 22492
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.1 8.3 12.5#
68 6.1 5.9 8.9





#8
Nitrobenzene-d5
Concen: 0.117 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

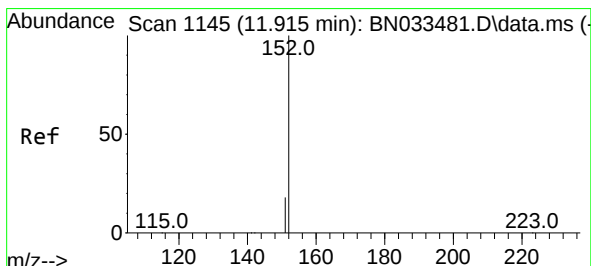
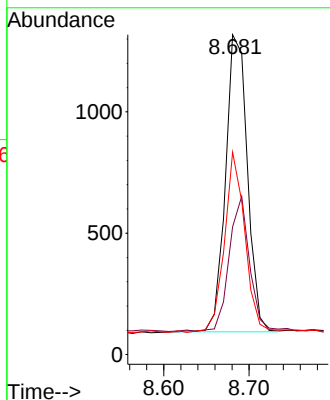
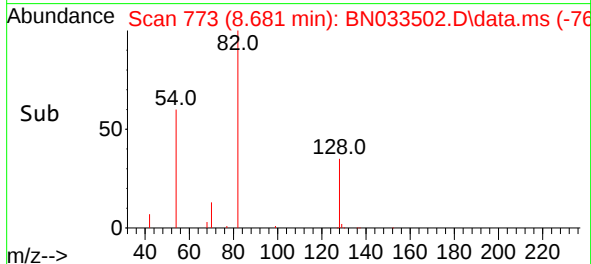
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224RE



Tgt Ion: 82 Resp: 2174
Ion Ratio Lower Upper
82 100
128 39.9 36.0 54.0
54 63.3 42.0 63.0

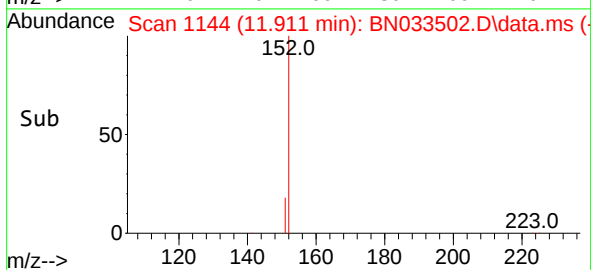
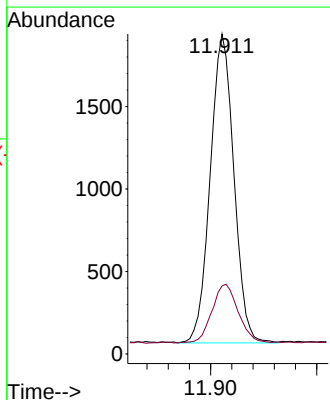
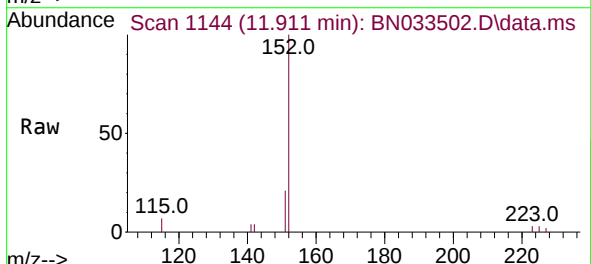
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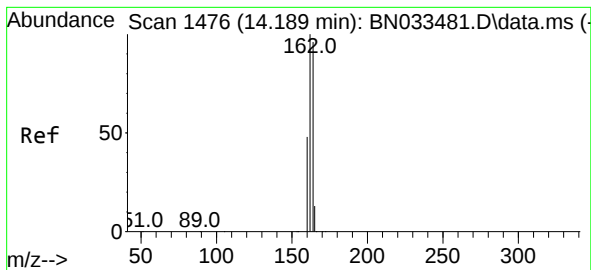
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

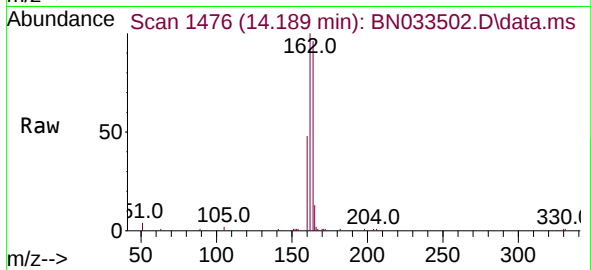
Tgt Ion:152 Resp: 2905
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

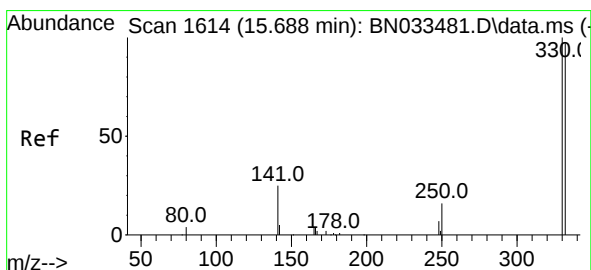
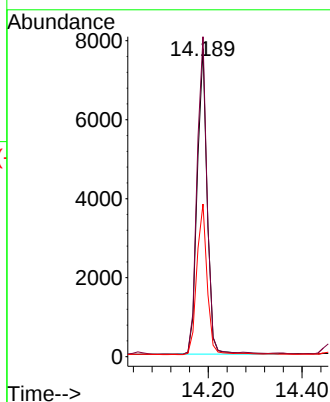
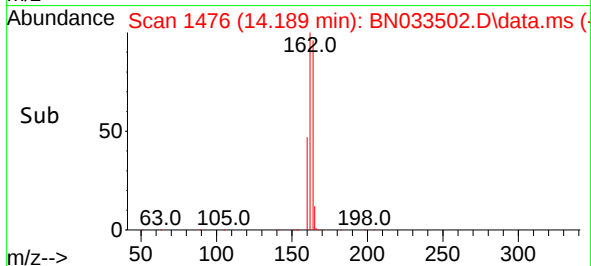
Instrument :
BNA_N
ClientSampleId :
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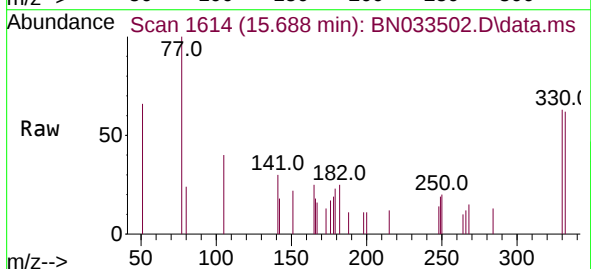
Tgt Ion:164 Resp: 1141
Ion Ratio Lower Upper
164 100
162 103.9 83.5 125.3
160 49.6 40.2 60.4

Manual Integrations
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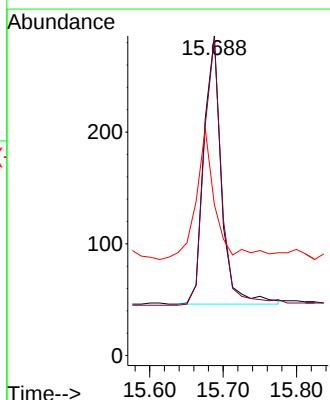
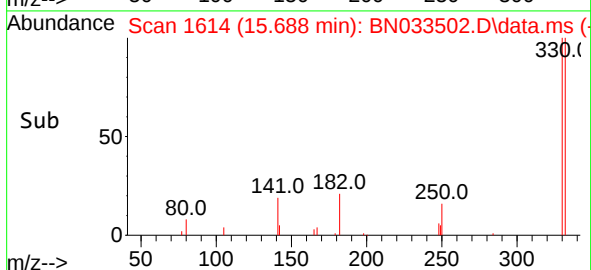
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

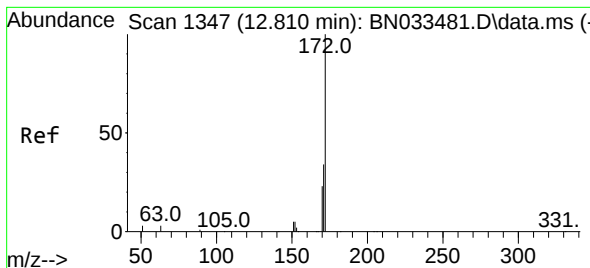


#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47



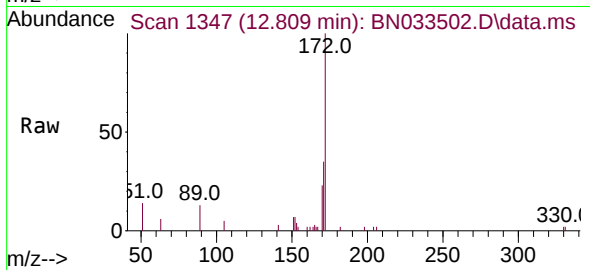
Tgt Ion:330 Resp: 399
Ion Ratio Lower Upper
330 100
332 100.8 77.5 116.3
141 54.4 33.9 50.9#





#15
2-Fluorobiphenyl
Concen: 0.084 ng
RT: 12.809 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

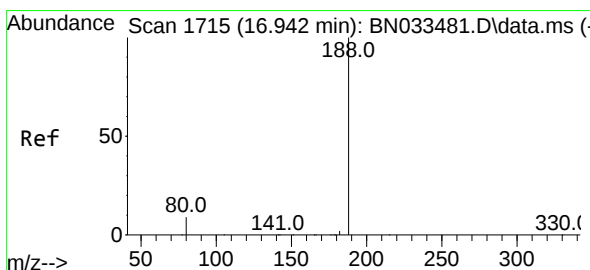
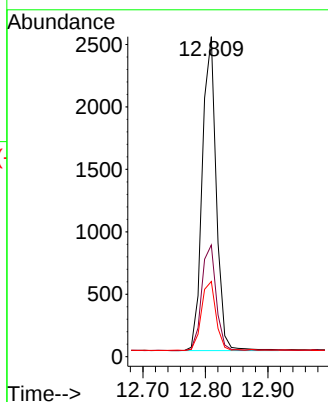
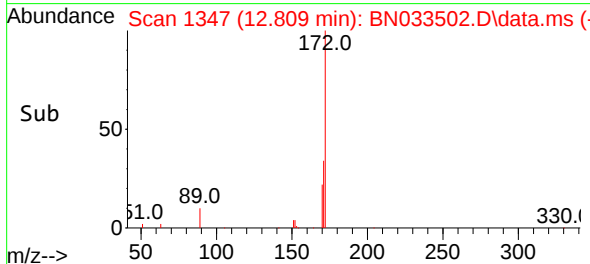
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224RE



Tgt Ion:172 Resp: 391
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.5 18.3 27.5

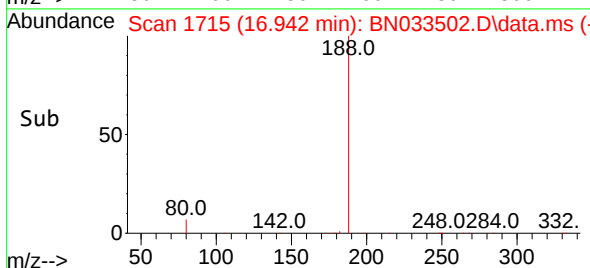
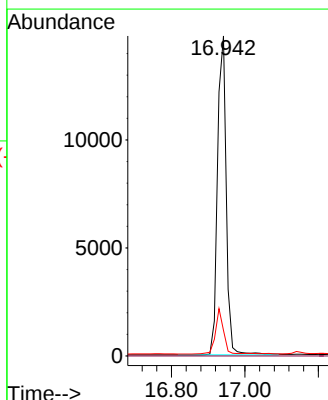
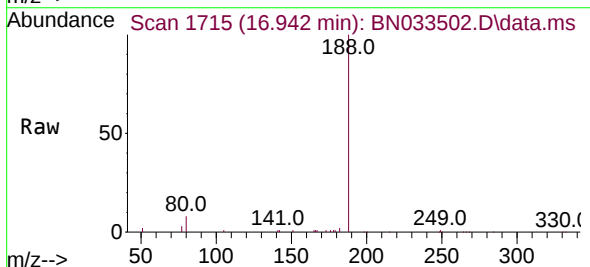
Manual Integrations
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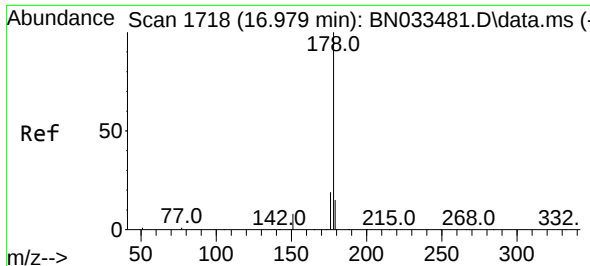
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

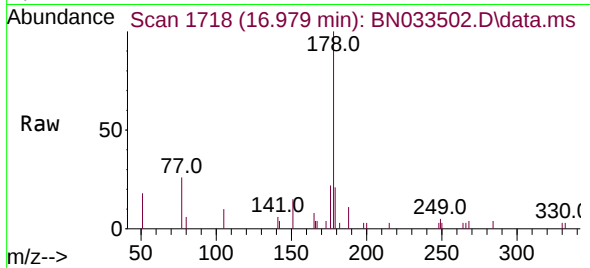
Tgt Ion:188 Resp: 24297
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.8 11.8





#25
Phenanthrene
Concen: 0.035 ng m
RT: 16.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

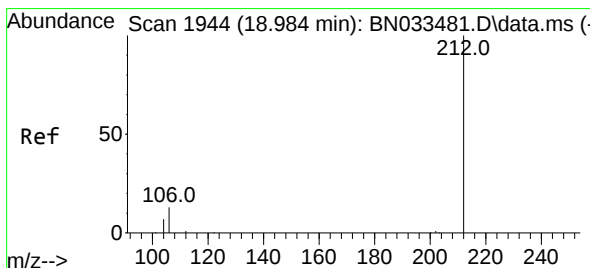
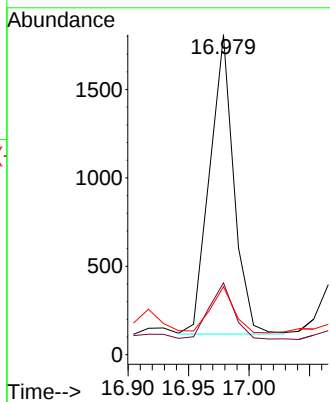
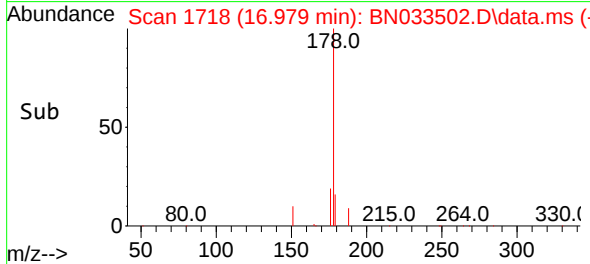
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925-K1-SD-0.5-1-081224RE



Tgt Ion:178 Resp: 2364
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 14.5 12.3 18.5

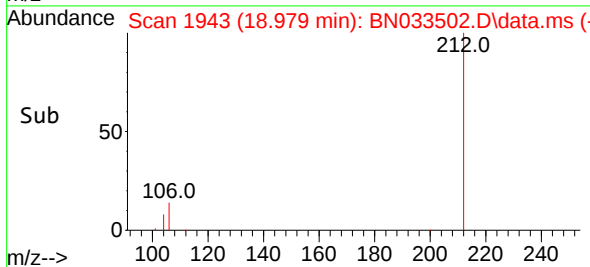
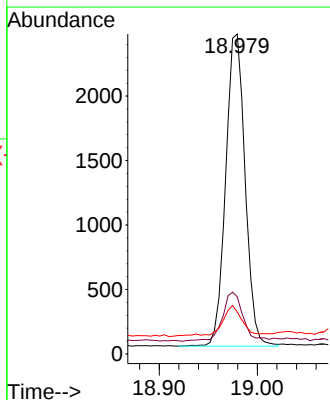
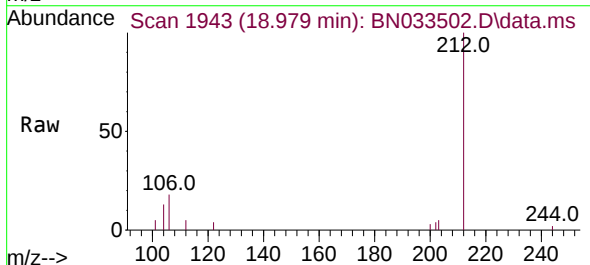
Manual Integrations
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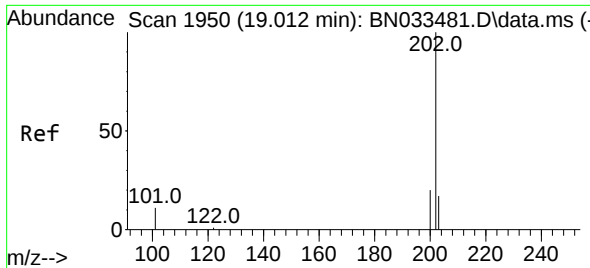
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#27
Fluoranthene-d10
Concen: 0.057 ng
RT: 18.979 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

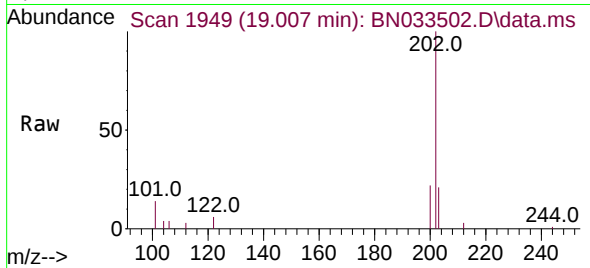
Tgt Ion:212 Resp: 3334
Ion Ratio Lower Upper
212 100
106 16.6 12.3 18.5
104 9.2 7.0 10.4





#28
Fluoranthene
Concen: 0.064 ng
RT: 19.007 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

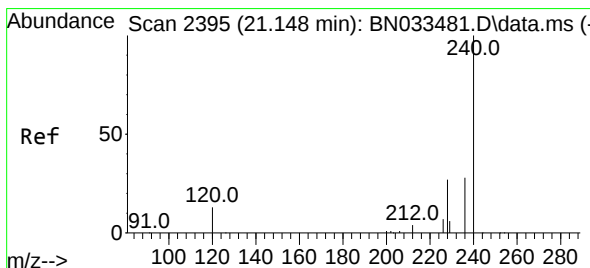
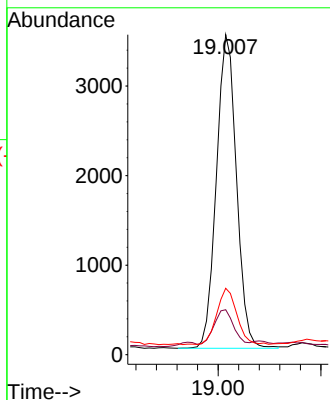
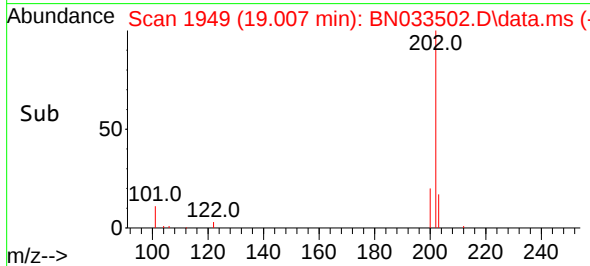
Instrument :
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925-K1-SD-0.5-1-081224RE



Tgt Ion:202 Resp: 4758
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
203 17.6 13.8 20.6

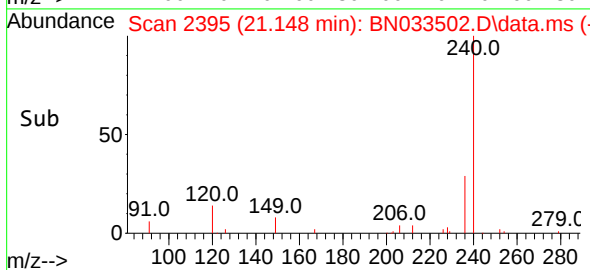
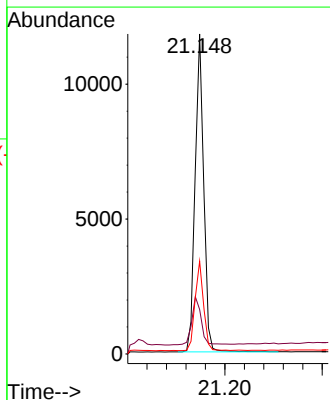
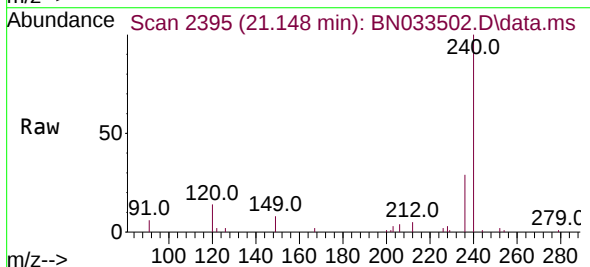
Manual Integrations
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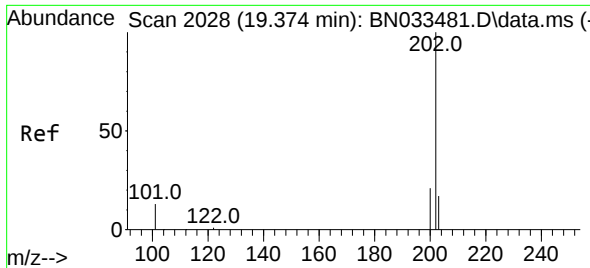
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

Tgt Ion:240 Resp: 14406
Ion Ratio Lower Upper
240 100
120 13.9 12.4 18.6
236 29.0 23.0 34.6





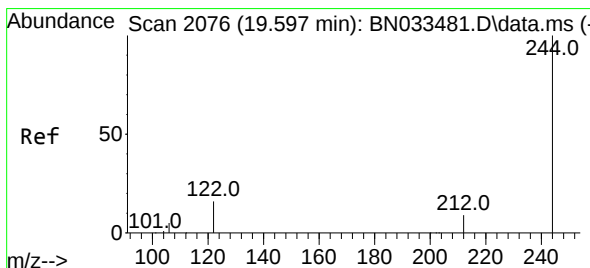
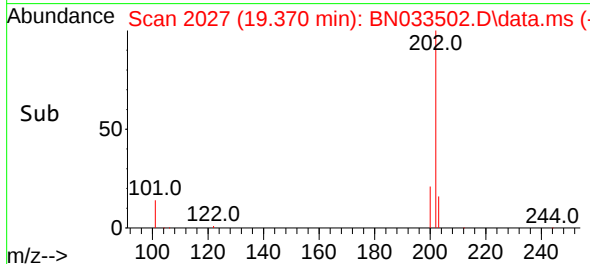
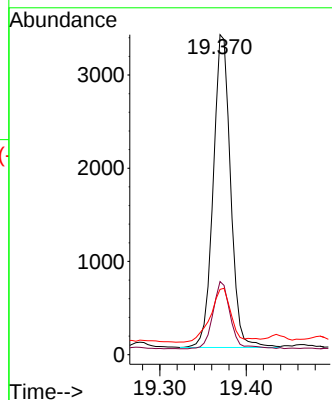
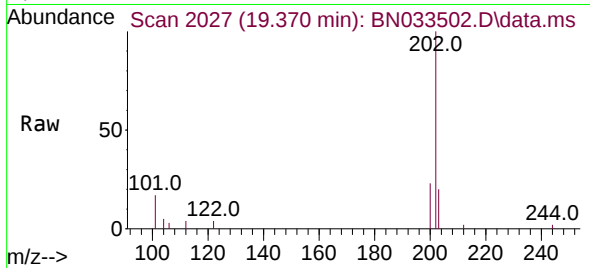
#30
 Pyrene
 Concen: 0.073 ng
 RT: 19.370 min Scan# 2028
 Delta R.T. -0.005 min
 Lab File: BN033502.D
 Acq: 20 Aug 2024 12:47

Instrument :
 BNA_N
 ClientSampleId :
 925-K1-SD-0.5-1-081224RE

Tgt Ion:202 Resp: 4700
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.6 24.8
 203 21.0 14.2 21.4

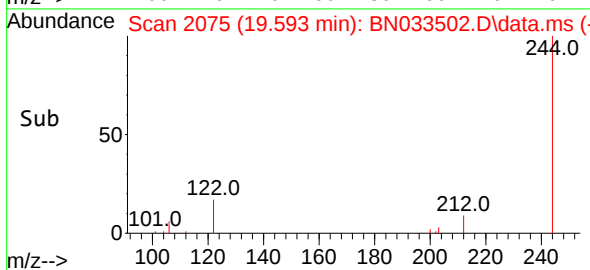
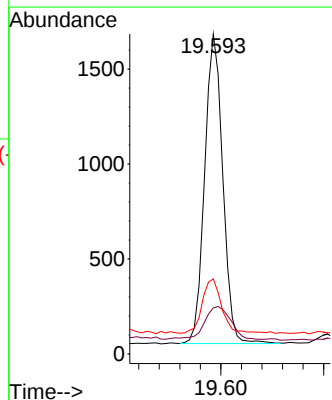
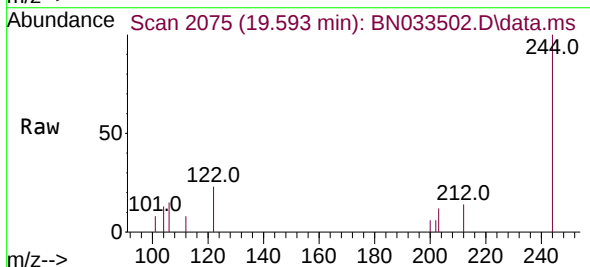
Manual Integrations
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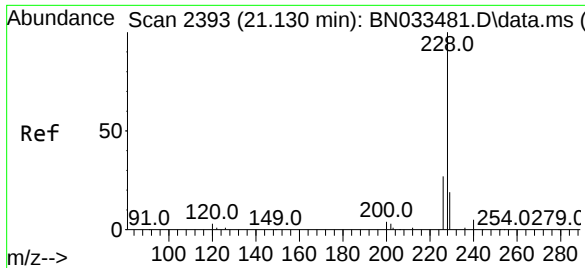
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#31
 Terphenyl-d14
 Concen: 0.061 ng
 RT: 19.593 min Scan# 2075
 Delta R.T. -0.005 min
 Lab File: BN033502.D
 Acq: 20 Aug 2024 12:47

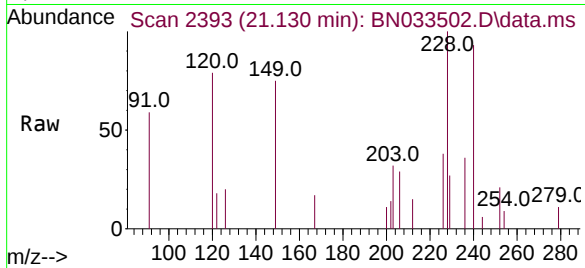
Tgt Ion:244 Resp: 1992
 Ion Ratio Lower Upper
 244 100
 212 14.4 7.8 11.6#
 122 23.4 13.3 19.9#





#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.130 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

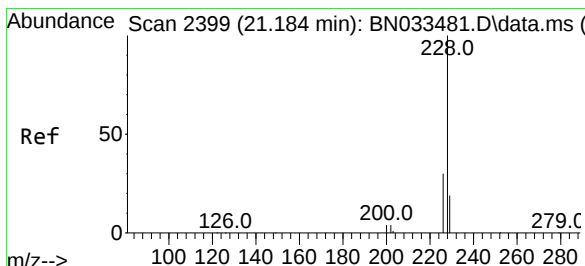
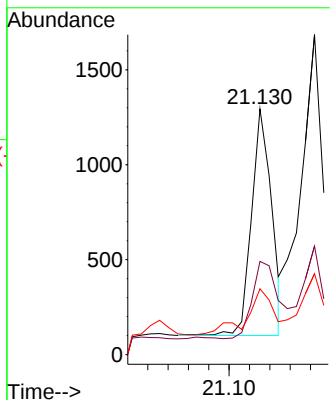
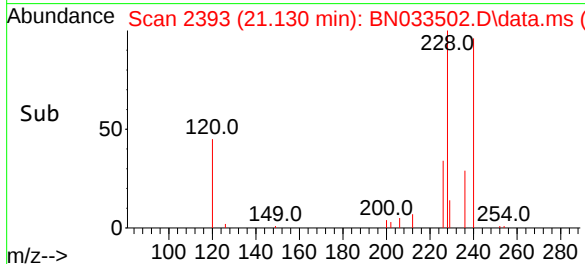
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224RE



Tgt Ion:228 Resp: 1639
Ion Ratio Lower Upper
228 100
226 37.9 21.8 32.6
229 26.8 15.8 23.6

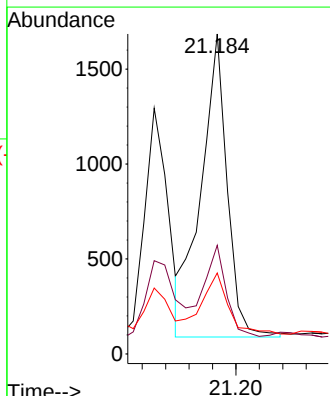
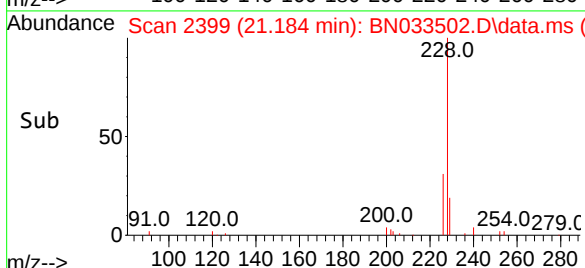
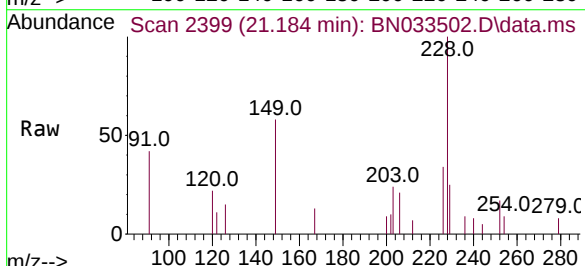
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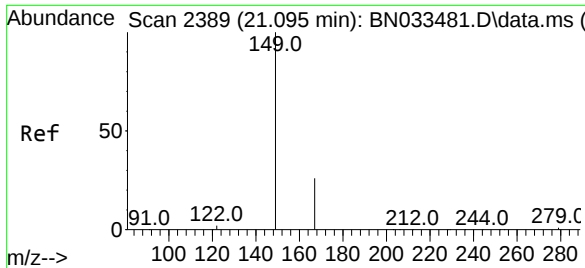
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#33
Chrysene
Concen: 0.048 ng m
RT: 21.184 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

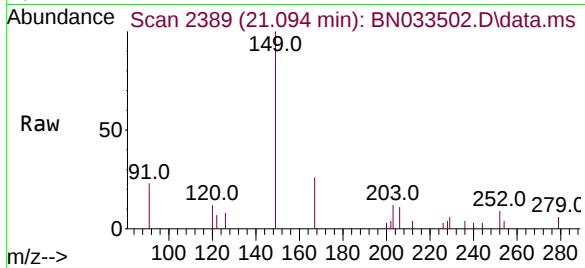
Tgt Ion:228 Resp: 2489
Ion Ratio Lower Upper
228 100
226 33.9 23.8 35.8
229 25.3 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.094 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

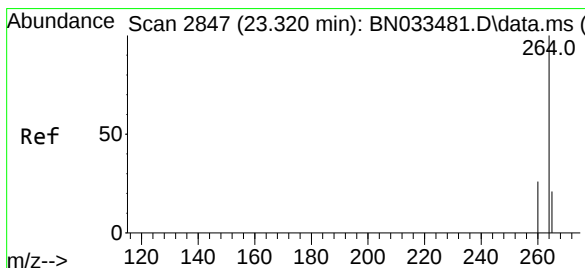
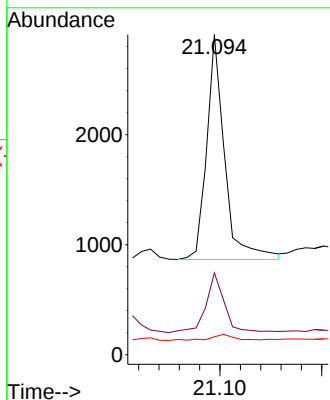
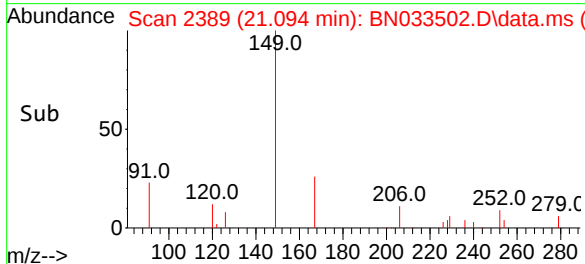
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224RE



Tgt Ion:149 Resp: 2490
Ion Ratio Lower Upper
149 100
167 25.6 21.5 32.3
279 2.4 2.2 3.2

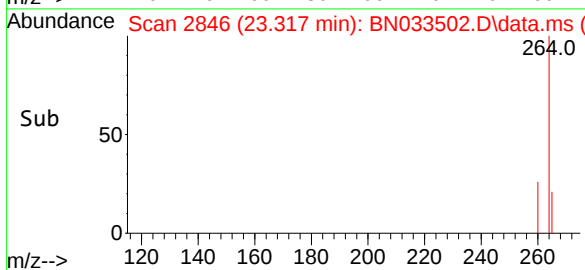
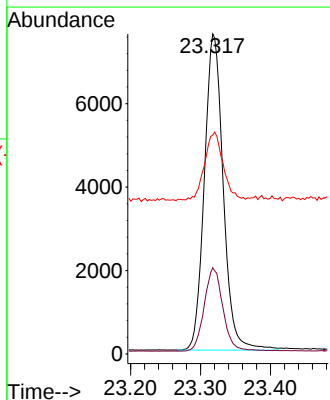
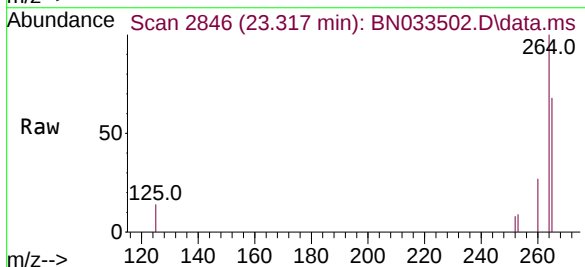
Manual Integrations
APPROVED

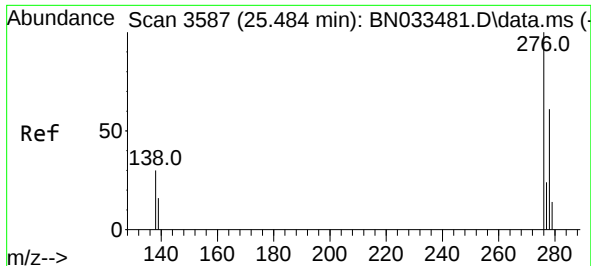
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.317 min Scan# 2846
Delta R.T. -0.003 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

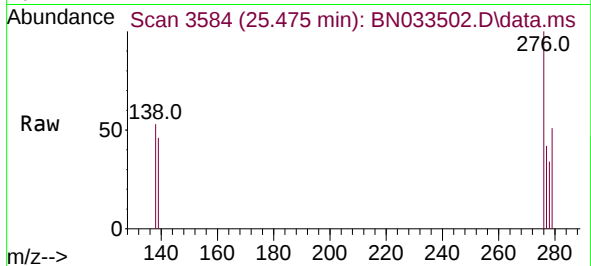
Tgt Ion:264 Resp: 14184
Ion Ratio Lower Upper
264 100
260 26.9 20.8 31.2
265 68.4 52.2 78.2





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 25.475 min Scan# 3587
Delta R.T. -0.009 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

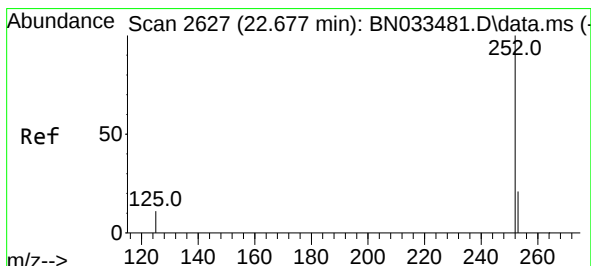
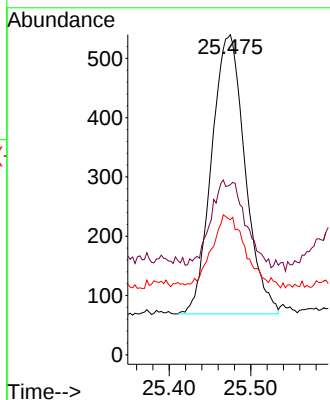
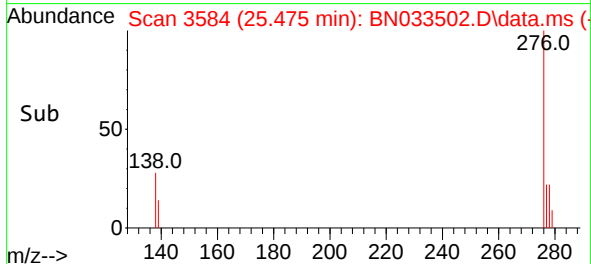
Instrument : BNA_N
ClientSampleId : 925-K1-SD-0.5-1-081224RE



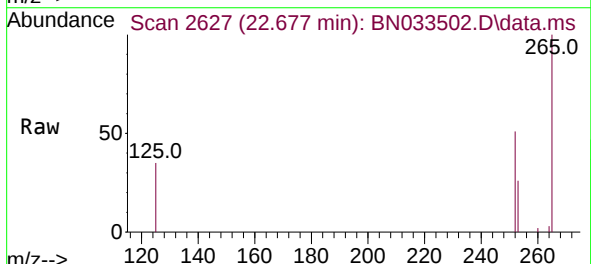
Tgt Ion: 276 Resp: 1337
Ion Ratio Lower Upper
276 100
138 15.8 24.4 36.6#
277 23.3 19.8 29.6#

Manual Integrations
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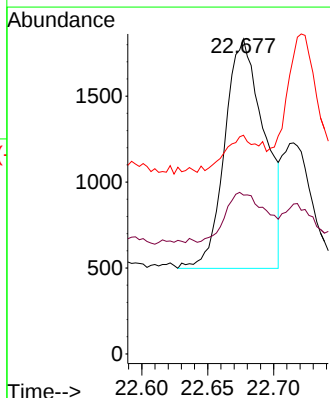
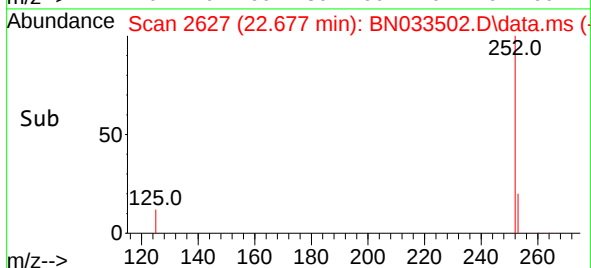
Reviewed By : Yogesh Patel 08/22/2024
Supervised By : mohammad ahmed 08/22/2024

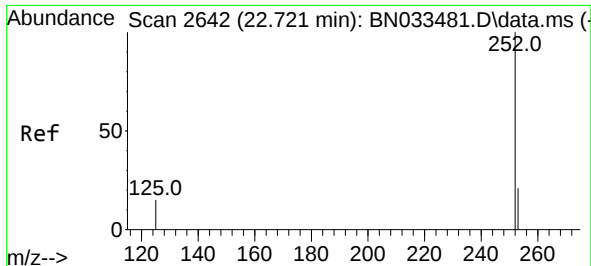


#37
Benzo(b)fluoranthene
Concen: 0.053 ng
RT: 22.677 min Scan# 2627
Delta R.T. -0.000 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47



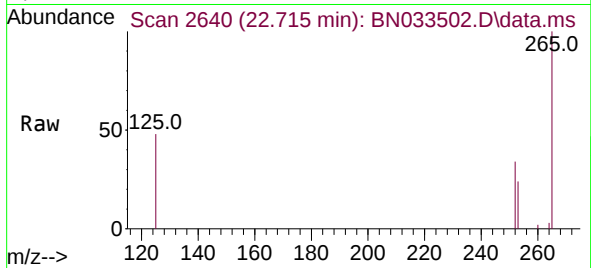
Tgt Ion: 252 Resp: 2797
Ion Ratio Lower Upper
252 100
253 50.4 19.8 29.8#
125 69.5 13.9 20.9#





#38
Benzo(k)fluoranthene
Concen: 0.024 ng m
RT: 22.715 min Scan# 2640
Delta R.T. -0.006 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

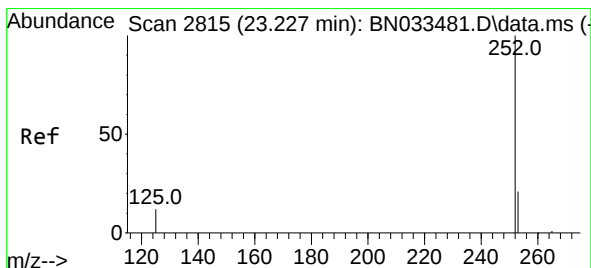
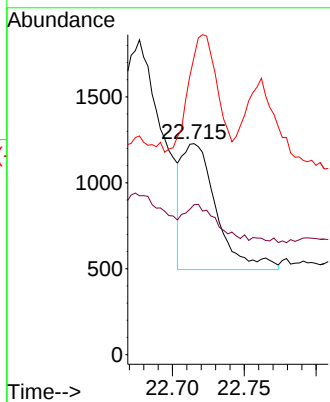
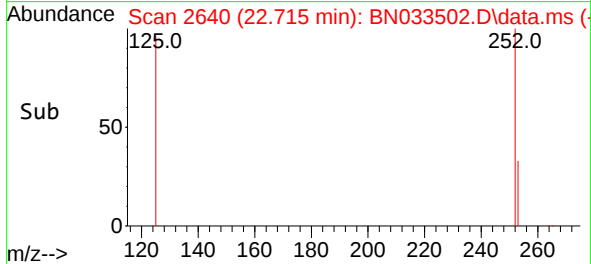
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224RE



Tgt Ion:252 Resp: 123
Ion Ratio Lower Upper
252 100
253 71.0 19.8 29.8#
125 141.0 15.8 23.8#

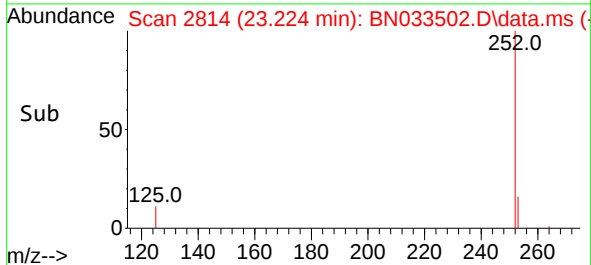
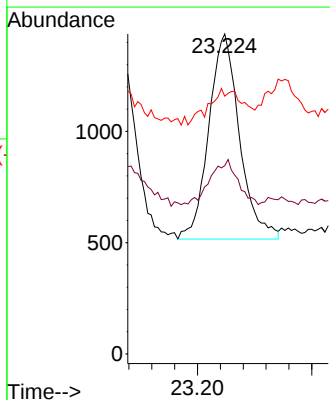
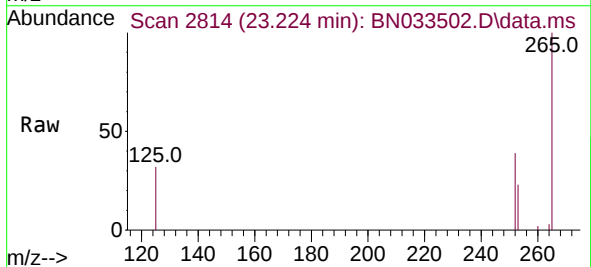
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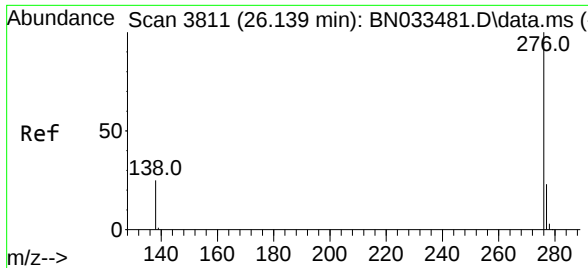
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#39
Benzo(a)pyrene
Concen: 0.039 ng
RT: 23.224 min Scan# 2814
Delta R.T. -0.003 min
Lab File: BN033502.D
Acq: 20 Aug 2024 12:47

Tgt Ion:252 Resp: 1725
Ion Ratio Lower Upper
252 100
253 58.8 21.5 32.3#
125 80.5 17.0 25.4#





#41

Benzo(g,h,i)perylene

Concen: 0.027 ng

RT: 26.127 min Scan# 3807

Delta R.T. -0.012 min

Lab File: BN033502.D

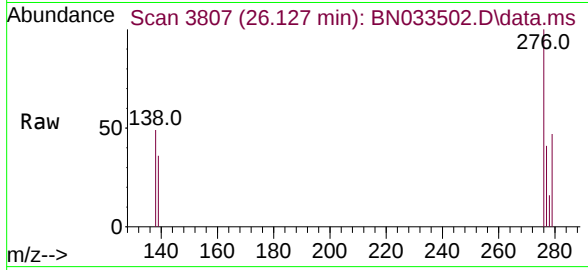
Acq: 20 Aug 2024 12:47

Instrument :

BNA_N

ClientSampleId :

925-K1-SD-0.5-1-081224RE



Tgt Ion:276 Resp: 138

Ion Ratio Lower Upper

276 100

277 41.4 19.7 29.5

138 49.2 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024

