

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
 Data File : BN030463.D
 Acq On : 22 Mar 2024 01:41
 Operator : MA/JU
 Sample : P1764-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP-2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 02:18:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 22 00:01:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	11966	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	33539	0.400	ng	0.00
13) Acenaphthene-d10	14.361	164	17990	0.400	ng	0.00
19) Phenanthrene-d10	17.107	188	38687	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	27086	0.400	ng	# 0.00
35) Perylene-d12	23.558	264	25386	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	7023	0.238	ng	0.00
5) Phenol-d6	6.887	99	9482	0.245	ng	0.00
8) Nitrobenzene-d5	8.875	82	6417	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	11781	0.241	ng	0.00
14) 2,4,6-Tribromophenol	15.853	330	1386	0.212	ng	0.00
15) 2-Fluorobiphenyl	12.982	172	19341	0.249	ng	-0.01
27) Fluoranthene-d10	19.141	212	23187	0.240	ng	0.00
31) Terphenyl-d14	19.749	244	15284	0.252	ng	0.00
Target Compounds						
25) Phenanthrene	17.144	178	7910	0.064	ng	Qvalue 98
28) Fluoranthene	19.173	202	20454	0.146	ng	98
30) Pyrene	19.536	202	18262	0.135	ng	# 96
32) Benzo(a)anthracene	21.286	228	8862	0.081	ng	95
33) Chrysene	21.340	228	10408m	0.089	ng	
34) Bis(2-ethylhexyl)phtha...	21.241	149	3707	0.080	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.838	276	5127	0.050	ng	98
37) Benzo(b)fluoranthene	22.879	252	12535	0.113	ng	# 83
38) Benzo(k)fluoranthene	22.920	252	5443m	0.049	ng	
39) Benzo(a)pyrene	23.458	252	7131	0.083	ng	# 79
41) Benzo(g,h,i)perylene	26.534	276	5522	0.061	ng	# 89

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

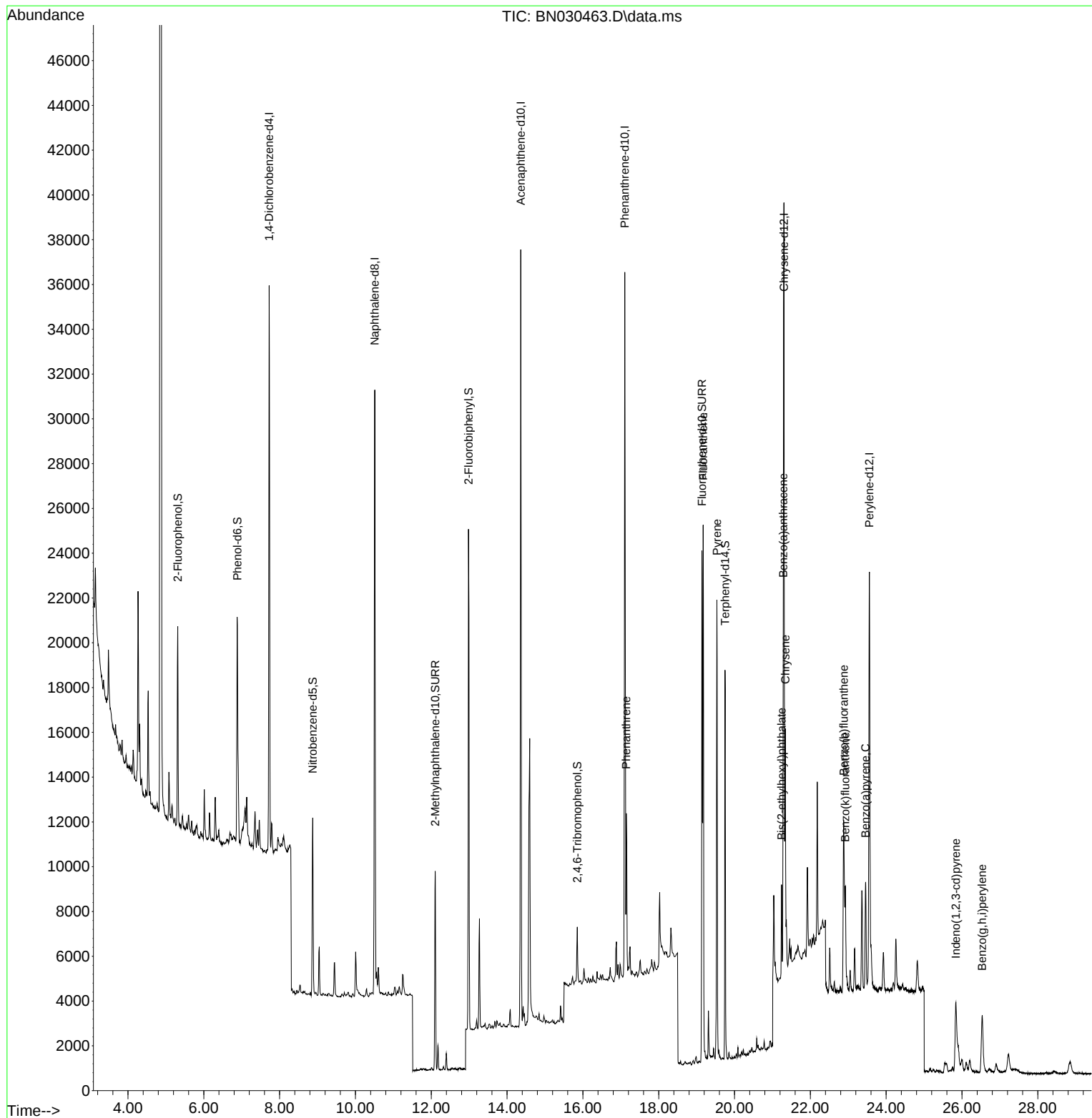
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030463.D
Acq On : 22 Mar 2024 01:41
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Misc :
ALS Vial : 16 Sample Multiplier: 1

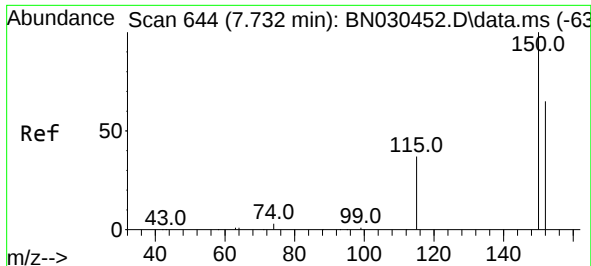
Instrument :
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Quant Time: Mar 22 02:18:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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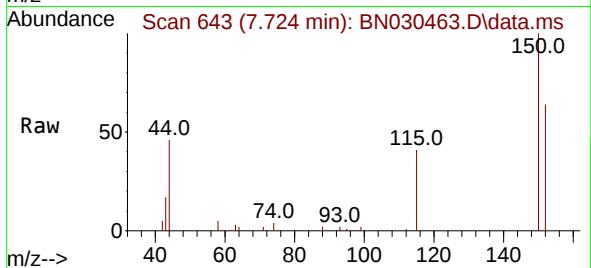
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 644
Delta R.T. -0.008 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

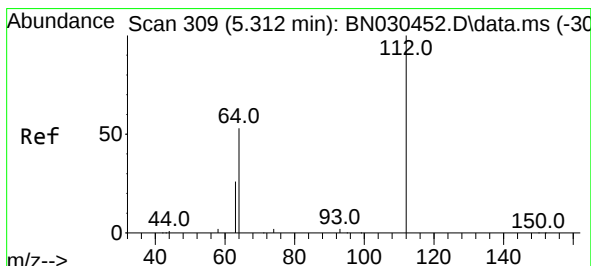
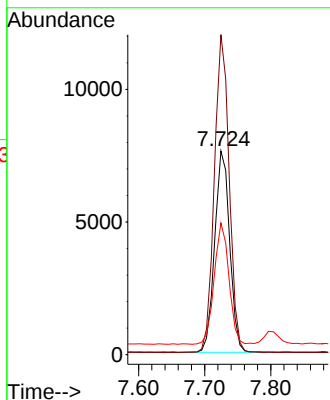
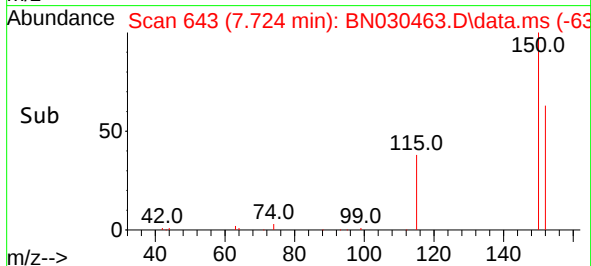
Instrument :
BNA_N
ClientSampleId :
COMP-2



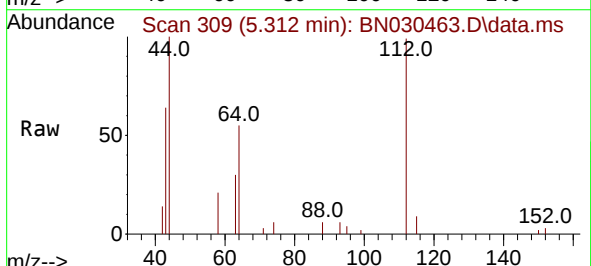
Tgt Ion:152 Resp: 11960
Ion Ratio Lower Upper
152 100
150 157.1 122.2 183.4
115 64.6 48.2 72.4

Manual Integrations
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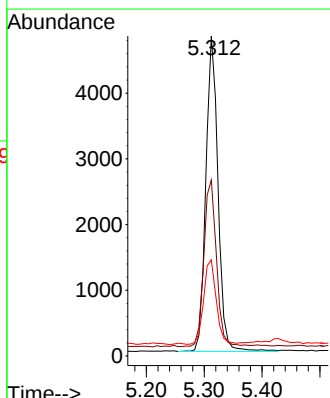
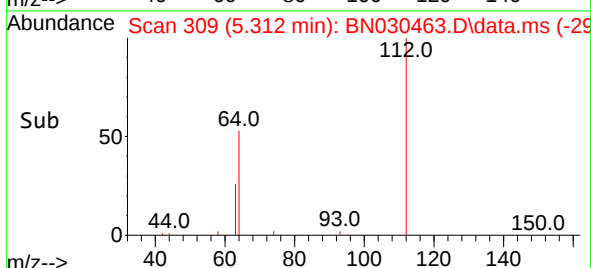
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

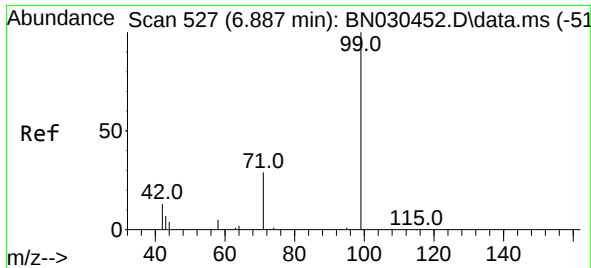


#4
2-Fluorophenol
Concen: 0.238 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41



Tgt Ion:112 Resp: 7023
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 27.6 23.0 34.4





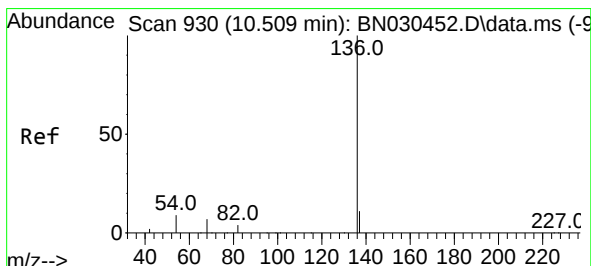
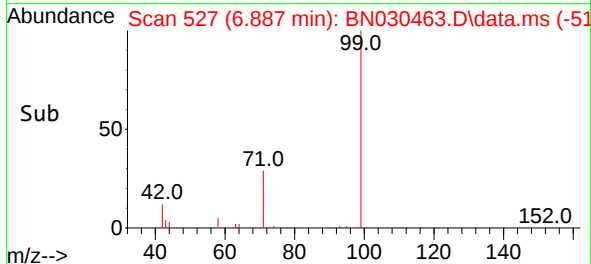
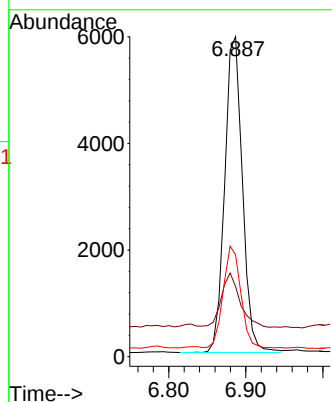
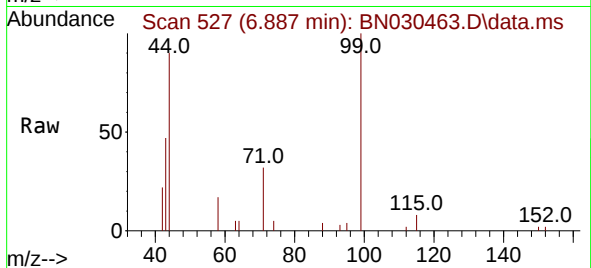
#5
Phenol-d6
Concen: 0.245 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Instrument :
BNA_N
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 948
Ion Ratio Lower Upper
99 100
42 19.0 13.9 20.9
71 32.1 25.4 38.0

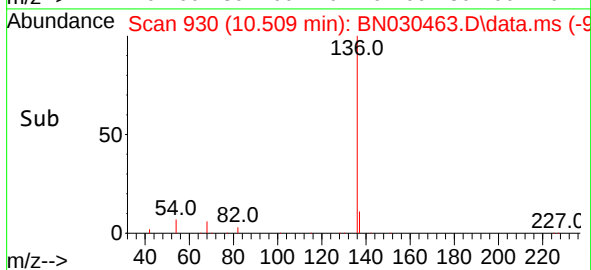
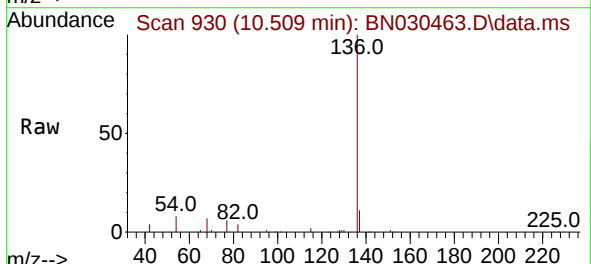
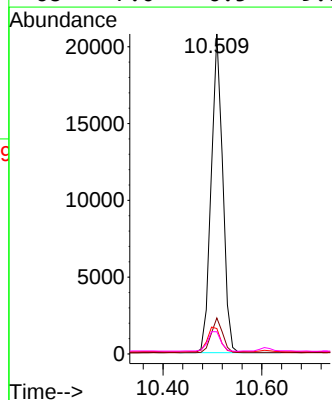
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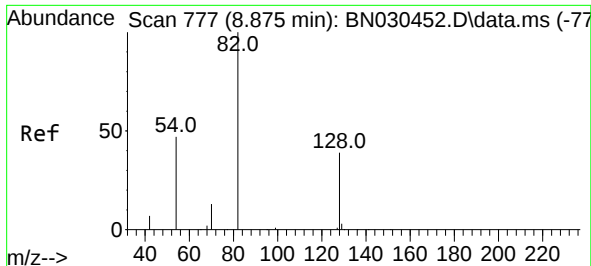
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

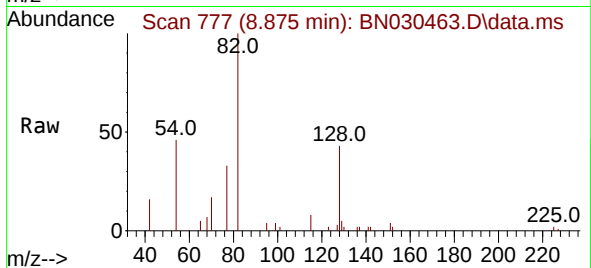
Tgt Ion:136 Resp: 33539
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 7.4 11.0
68 7.0 6.5 9.7





#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

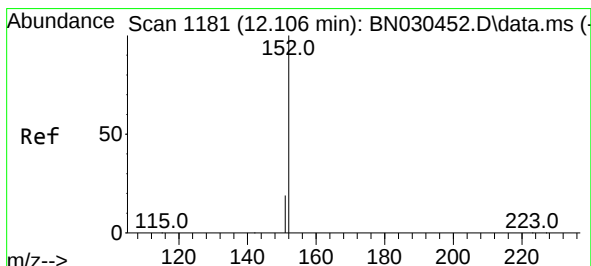
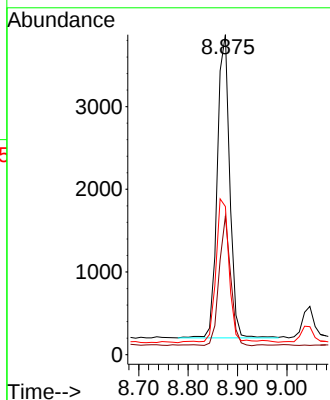
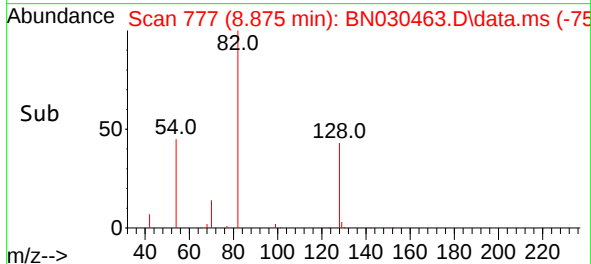
Instrument :
BNA_N
ClientSampleId :
COMP-2



Tgt Ion: 82 Resp: 641
Ion Ratio Lower Upper
82 100
128 43.3 31.8 47.8
54 46.3 38.8 58.2

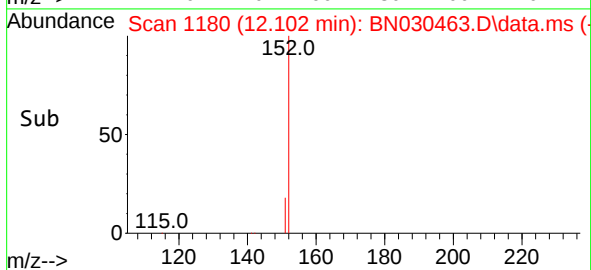
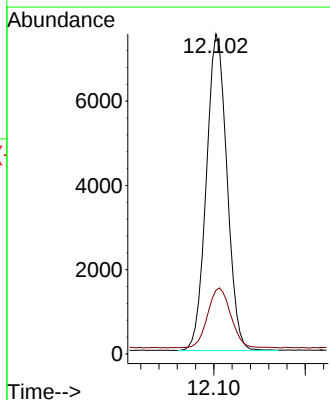
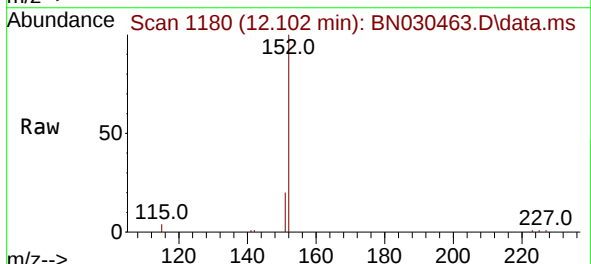
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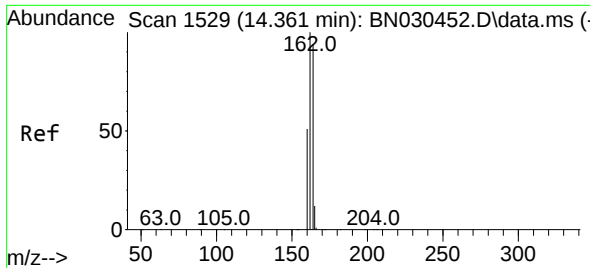
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.241 ng
RT: 12.102 min Scan# 1180
Delta R.T. -0.004 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

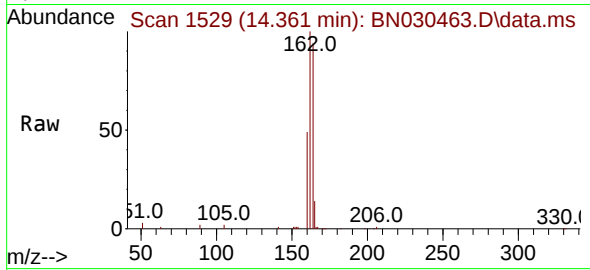
Tgt Ion:152 Resp: 11781
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.361 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

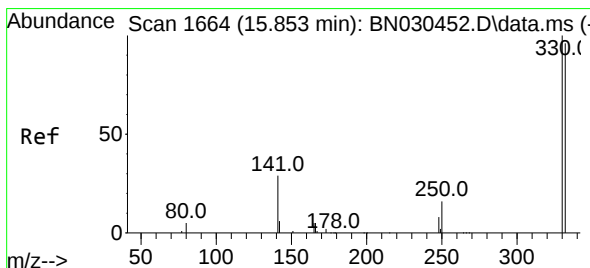
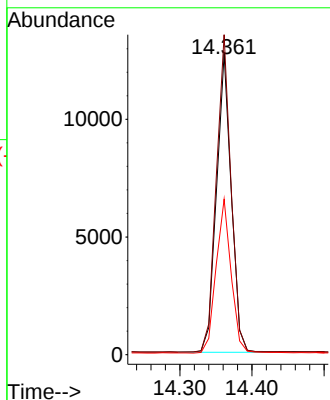
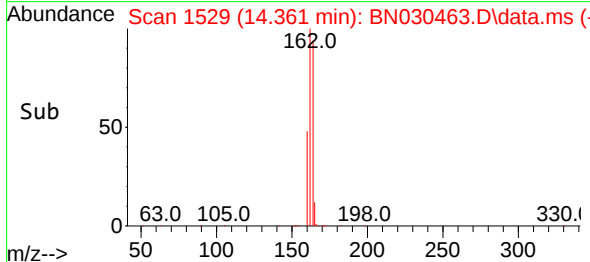
Instrument :
BNA_N
ClientSampleId :
COMP-2



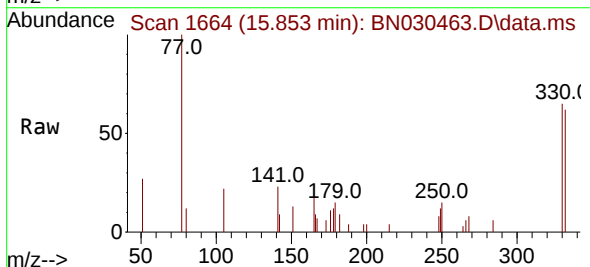
Tgt Ion:164 Resp: 17990
Ion Ratio Lower Upper
164 100
162 106.3 85.4 128.2
160 51.7 43.4 65.2

Manual Integrations
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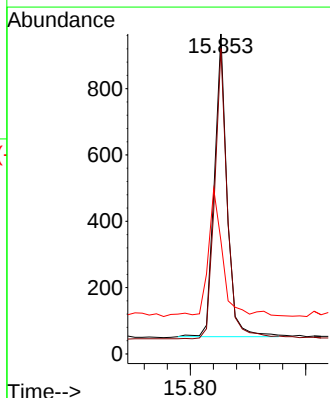
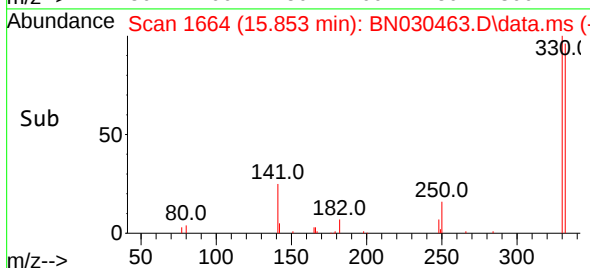
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

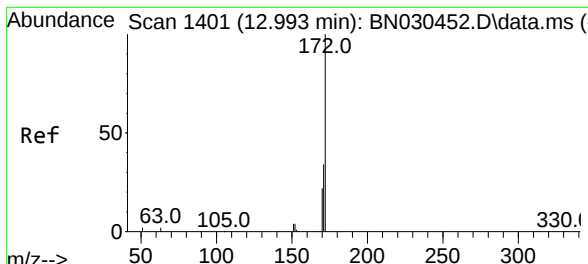


#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 15.853 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41



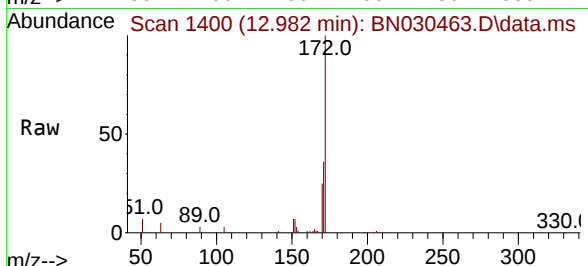
Tgt Ion:330 Resp: 1386
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 45.8 36.2 54.4





#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.982 min Scan# 1400
Delta R.T. -0.011 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

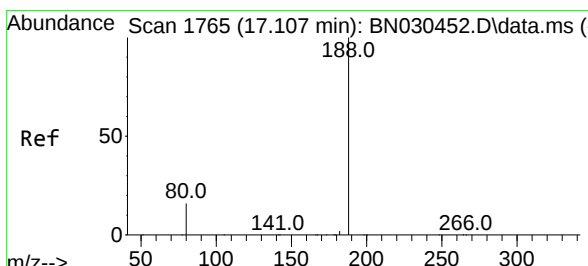
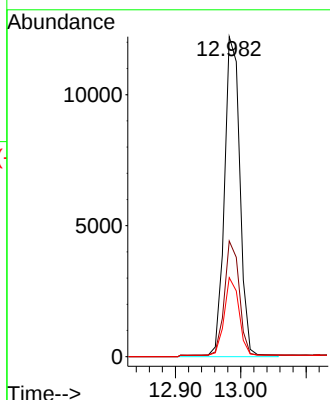
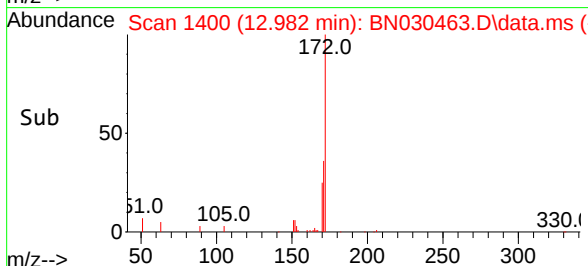
Instrument :
BNA_N
ClientSampleId :
COMP-2



Tgt Ion:172 Resp: 1934
Ion Ratio Lower Upper
172 100
171 36.1 27.4 41.2
170 24.7 18.1 27.1

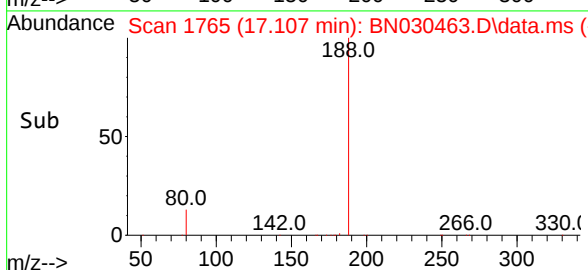
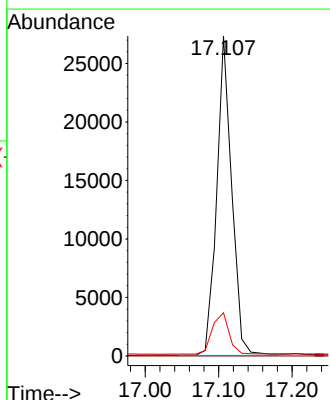
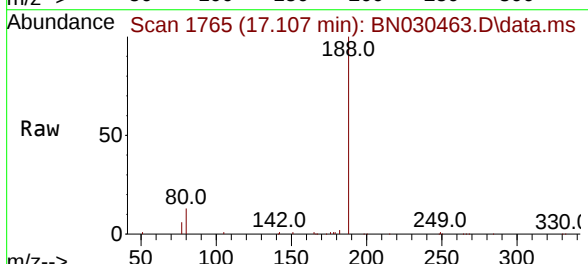
Manual Integrations
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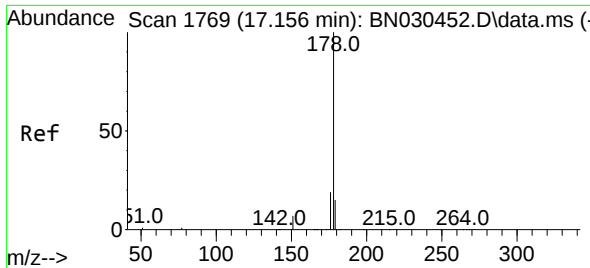
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.107 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

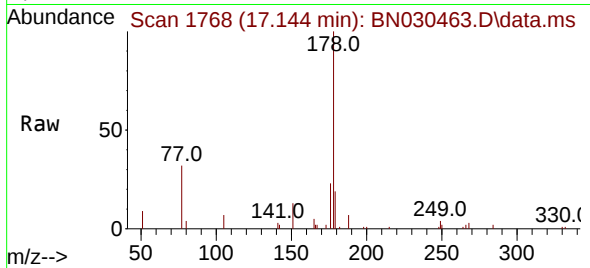
Tgt Ion:188 Resp: 38687
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 13.6 20.4#





#25
Phenanthrene
Concen: 0.064 ng
RT: 17.144 min Scan# 1768
Delta R.T. -0.012 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

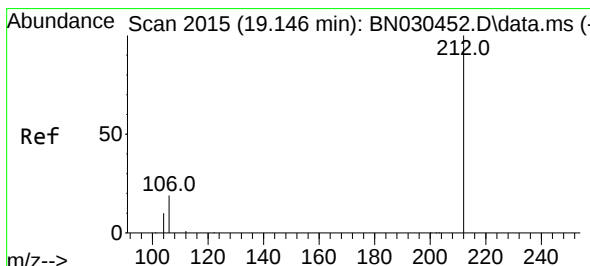
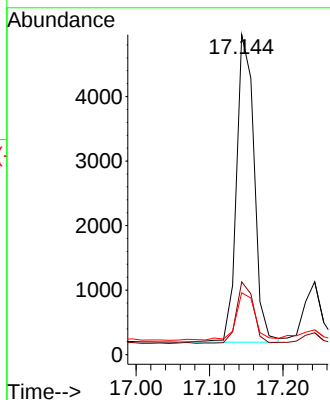
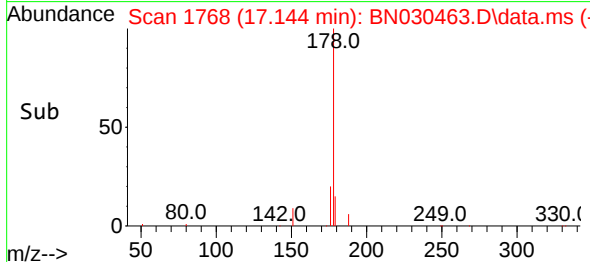
Instrument :
BNA_N
ClientSampleId :
COMP-2



Tgt Ion:178 Resp: 7910
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 17.1 12.3 18.5

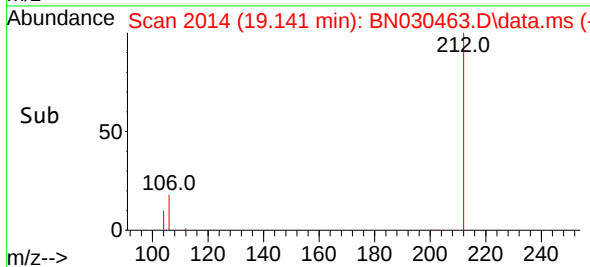
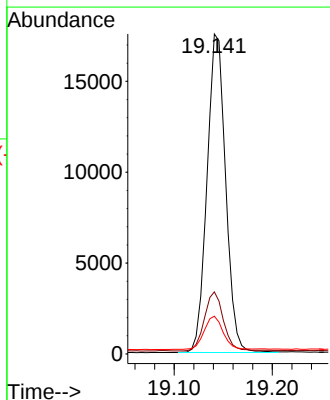
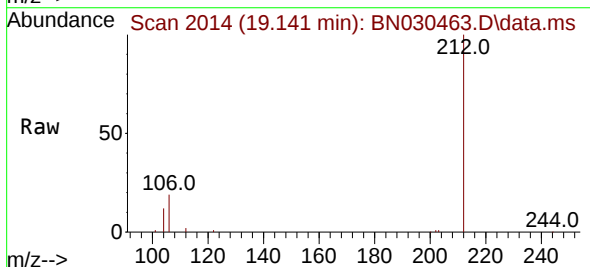
Manual Integrations
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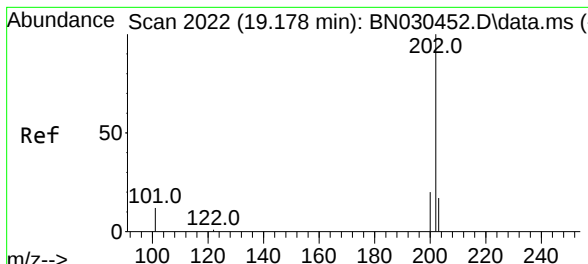
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#27
Fluoranthene-d10
Concen: 0.240 ng
RT: 19.141 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Tgt Ion:212 Resp: 23187
Ion Ratio Lower Upper
212 100
106 19.0 14.7 22.1
104 10.6 8.3 12.5



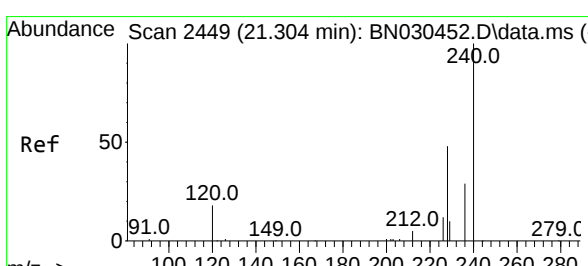
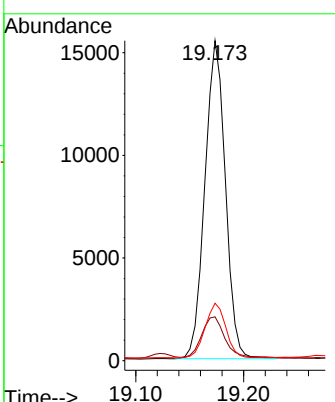
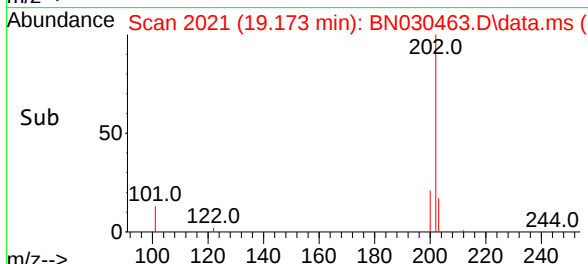
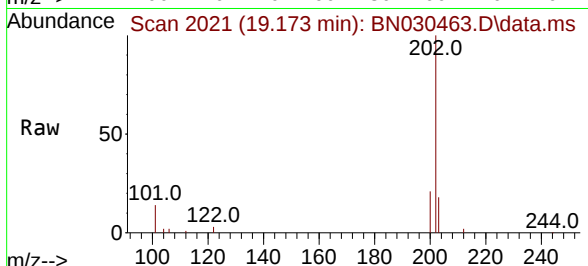


#28
 Fluoranthene
 Concen: 0.146 ng
 RT: 19.173 min Scan# 2021
 Delta R.T. -0.005 min
 Lab File: BN030463.D
 Acq: 22 Mar 2024 01:41

Instrument : BNA_N
 ClientSampleId :
 COMP-2

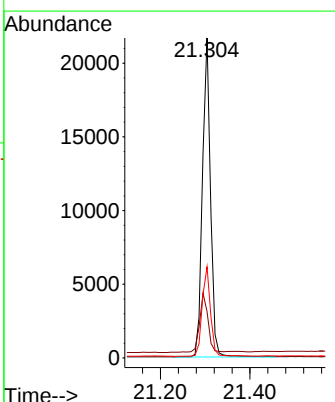
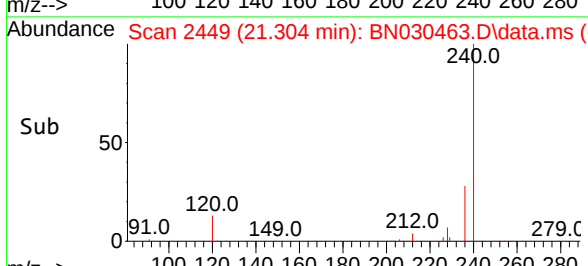
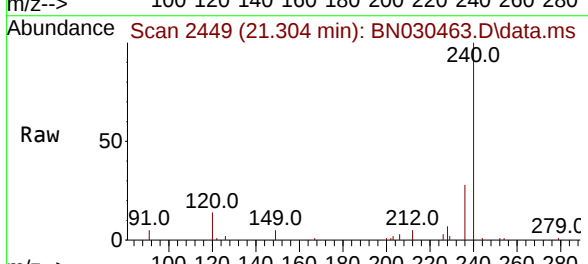
Tgt Ion:	202	Resp:	2045
Ion Ratio	Lower	Upper	
202	100		
101	14.9	10.7	16.1
203	17.2	13.6	20.4

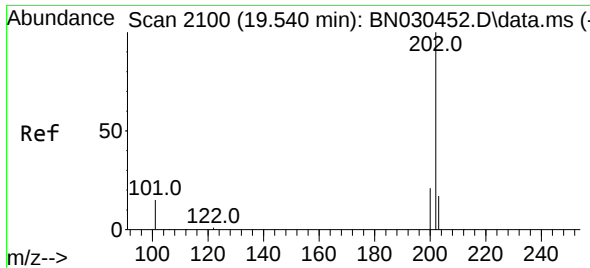
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.304 min Scan# 2449
 Delta R.T. 0.000 min
 Lab File: BN030463.D
 Acq: 22 Mar 2024 01:41

Tgt Ion:	240	Resp:	27086
Ion Ratio	Lower	Upper	
240	100		
120	14.5	15.9	23.9
236	28.5	23.8	35.6





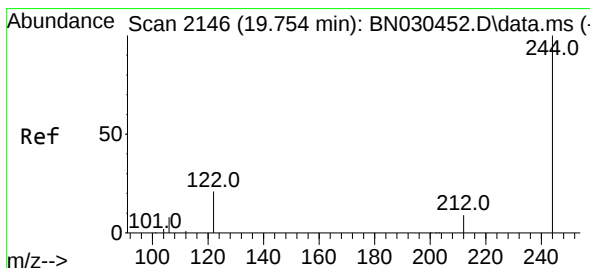
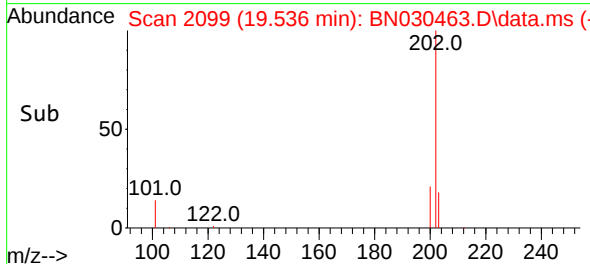
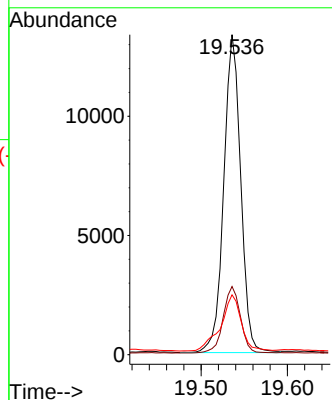
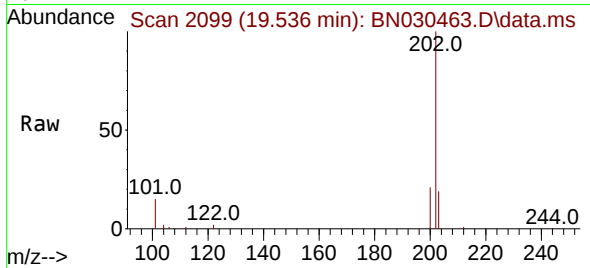
#30
Pyrene
Concen: 0.135 ng
RT: 19.536 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Instrument :
BNA_N
ClientSampleId :
COMP-2

Tgt Ion:202 Resp: 1826
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 21.3 14.1 21.1

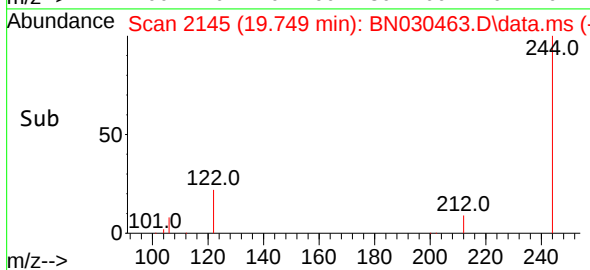
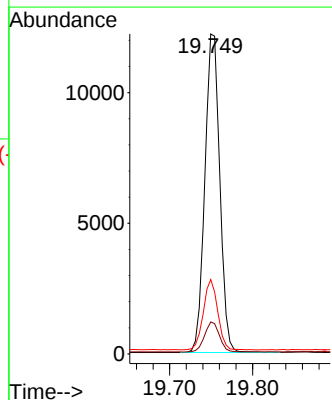
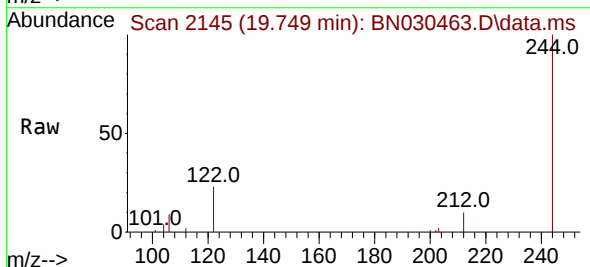
Manual Integrations
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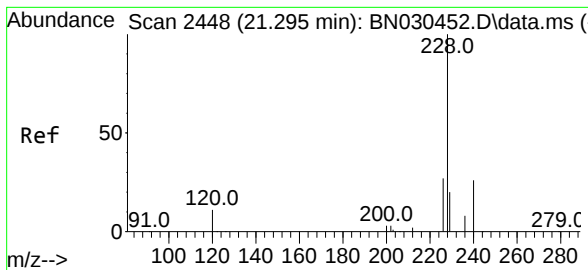
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#31
Terphenyl-d14
Concen: 0.252 ng
RT: 19.749 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

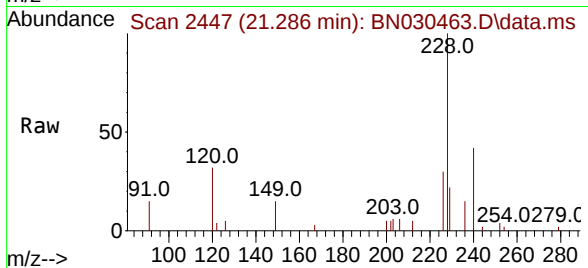
Tgt Ion:244 Resp: 15284
Ion Ratio Lower Upper
244 100
212 10.0 7.8 11.6
122 23.2 17.1 25.7





#32
Benzo(a)anthracene
Concen: 0.081 ng
RT: 21.286 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

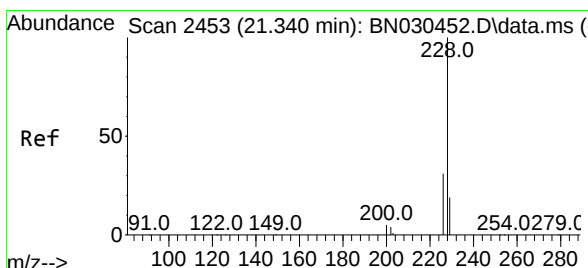
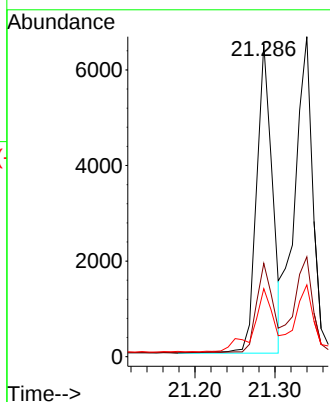
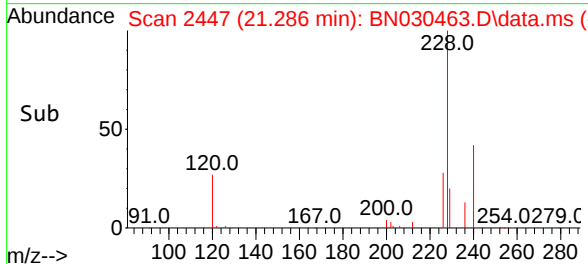
Instrument :
BNA_N
ClientSampleId :
COMP-2



Tgt Ion:228 Resp: 886
Ion Ratio Lower Upper
228 100
226 29.8 21.5 32.3
229 21.7 15.8 23.6

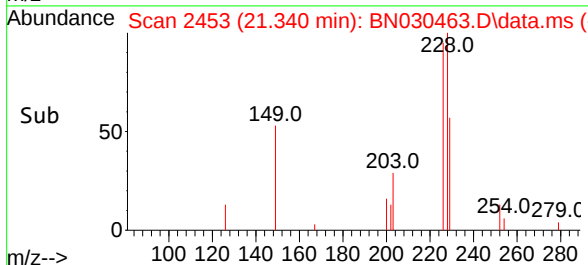
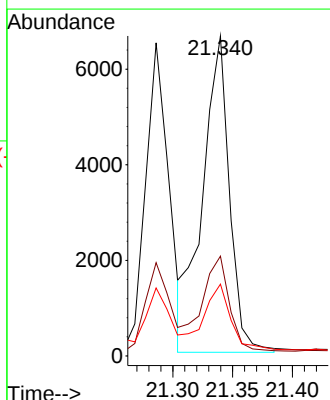
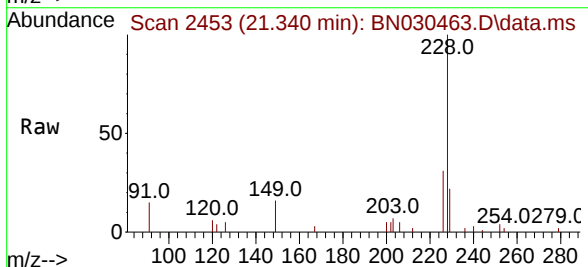
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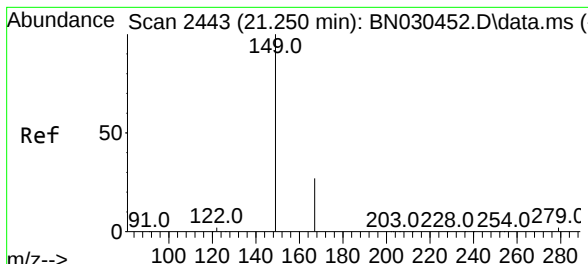
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#33
Chrysene
Concen: 0.089 ng m
RT: 21.340 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Tgt Ion:228 Resp: 10408
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 22.5 15.2 22.8





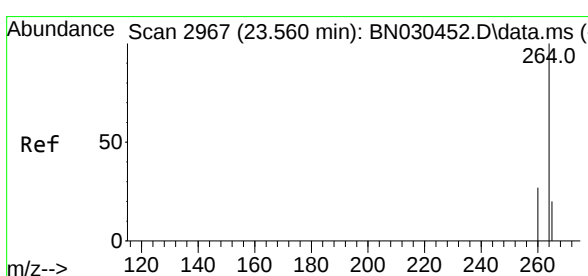
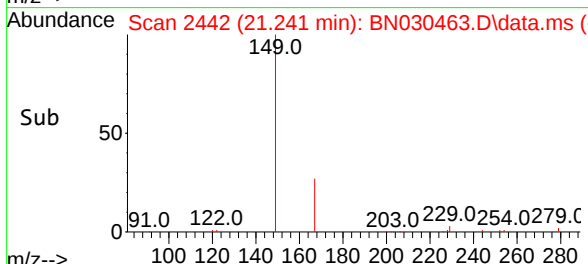
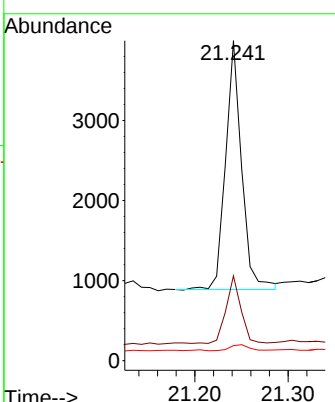
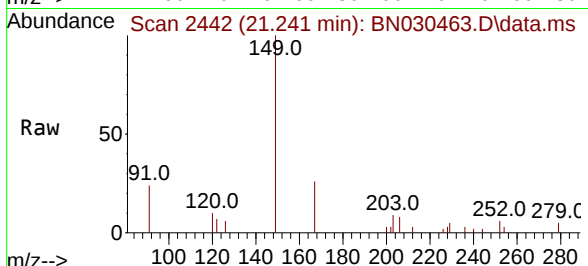
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.241 min Scan# 2442
 Delta R.T. -0.009 min
 Lab File: BN030463.D
 Acq: 22 Mar 2024 01:41

Instrument : BNA_N
 ClientSampleId :
 COMP-2

Tgt Ion:149 Resp: 370

Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.2	31.8
279	2.9	1.8	2.8

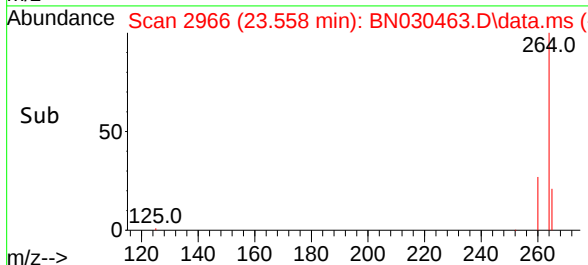
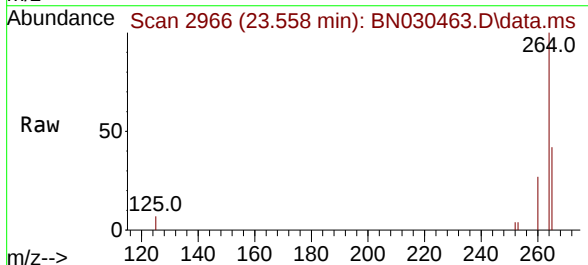
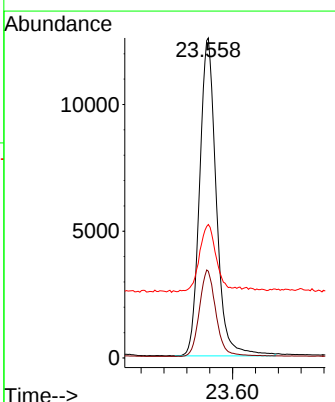
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 Supervised By :mohammad ahmed 03/26/2024

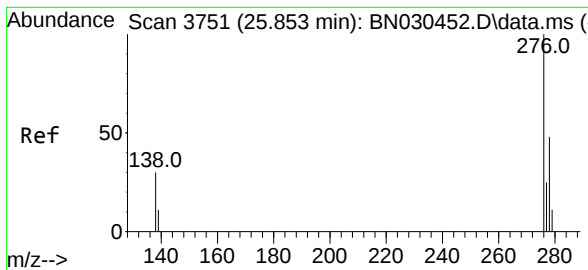


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.558 min Scan# 2966
 Delta R.T. -0.003 min
 Lab File: BN030463.D
 Acq: 22 Mar 2024 01:41

Tgt Ion:264 Resp: 25386

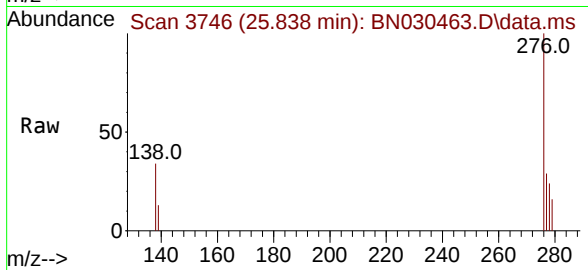
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.9	32.9
265	41.7	32.6	48.8





#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.050 ng
 RT: 25.838 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BN030463.D
 Acq: 22 Mar 2024 01:41

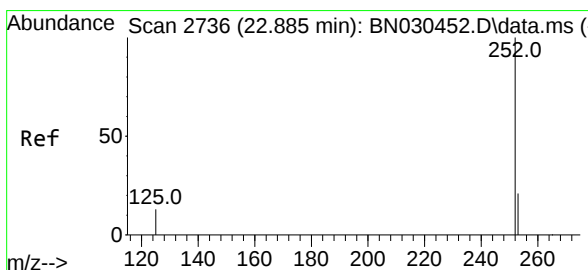
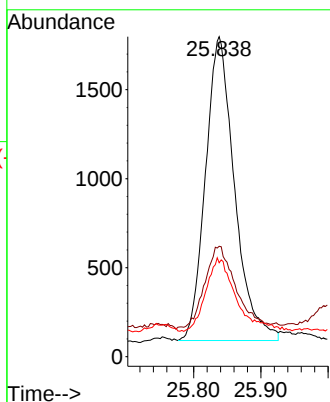
Instrument :
 BNA_N
 ClientSampleId :
 COMP-2



Tgt Ion: 276 Resp: 512
 Ion Ratio Lower Upper
 276 100
 138 29.6 24.8 37.2
 277 25.0 19.1 28.7

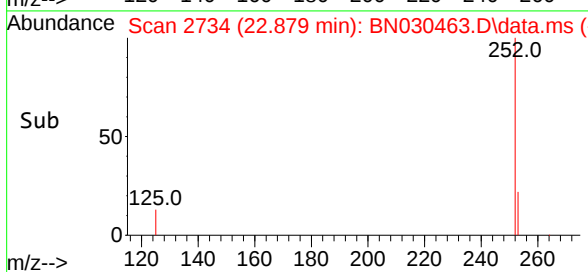
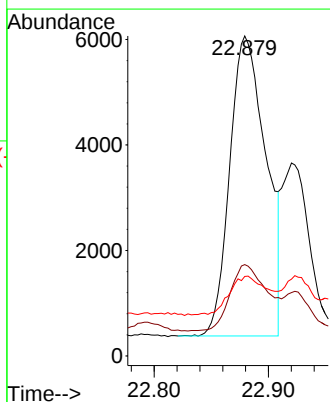
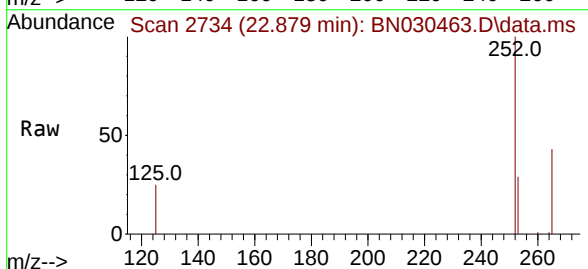
Manual Integrations
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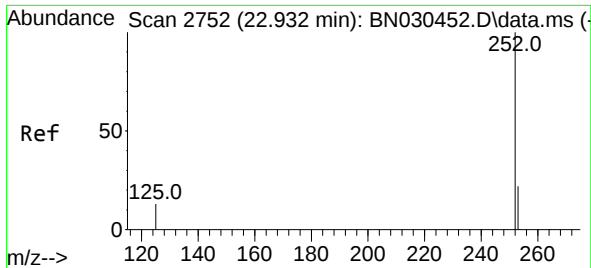
Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024



#37
 Benzo(b)fluoranthene
 Concen: 0.113 ng
 RT: 22.879 min Scan# 2734
 Delta R.T. -0.006 min
 Lab File: BN030463.D
 Acq: 22 Mar 2024 01:41

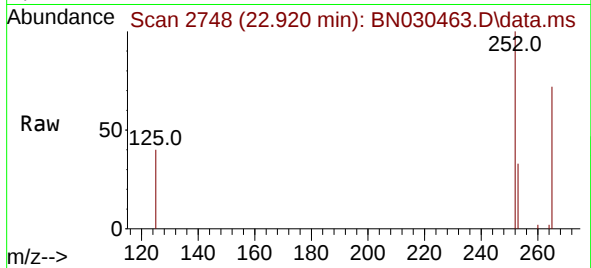
Tgt Ion: 252 Resp: 12535
 Ion Ratio Lower Upper
 252 100
 253 28.6 18.2 27.2#
 125 24.8 12.0 18.0#





#38
Benzo(k)fluoranthene
Concen: 0.049 ng m
RT: 22.920 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

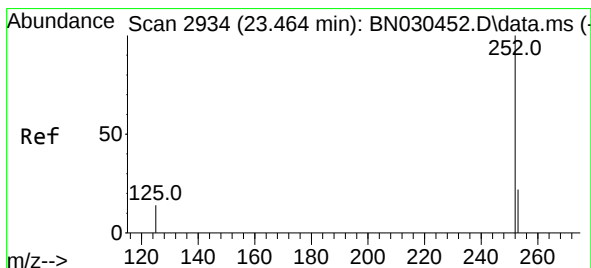
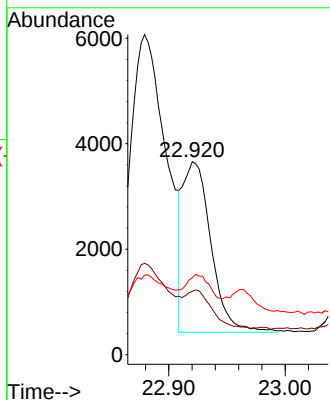
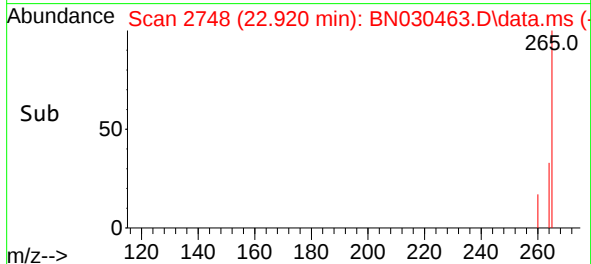
Instrument :
BNA_N
ClientSampleId :
COMP-2



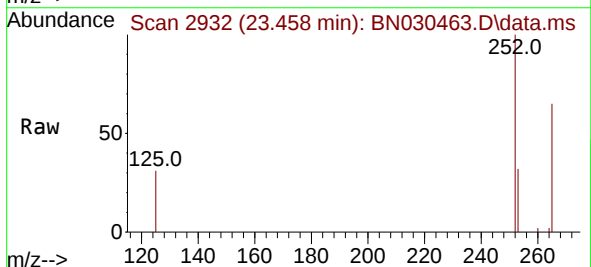
Tgt Ion:252 Resp: 544
Ion Ratio Lower Upper
252 100
253 32.8 18.7 28.1
125 39.8 12.6 19.0

Manual Integrations
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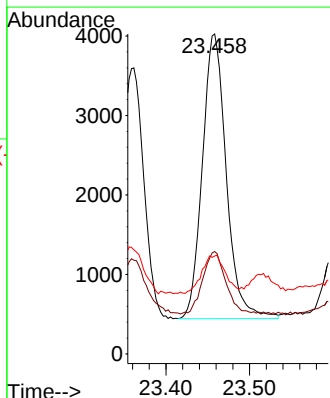
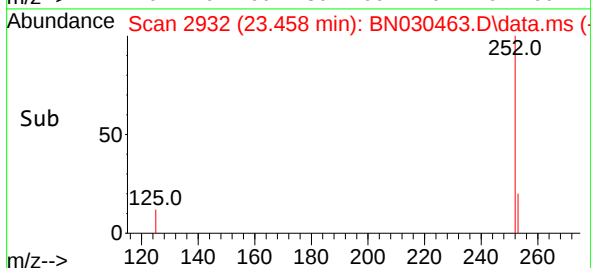
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

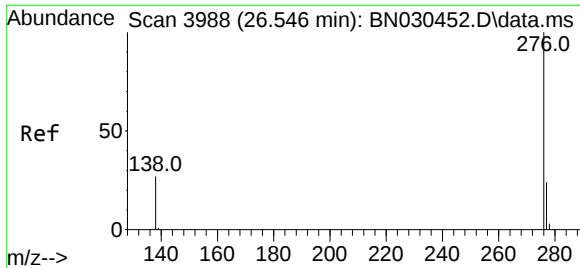


#39
Benzo(a)pyrene
Concen: 0.083 ng
RT: 23.458 min Scan# 2932
Delta R.T. -0.006 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41



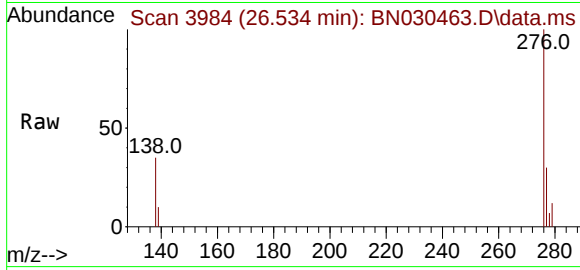
Tgt Ion:252 Resp: 7131
Ion Ratio Lower Upper
252 100
253 32.0 19.4 29.0#
125 30.6 14.6 22.0#





#41
Benzo(g,h,i)perylene
Concen: 0.061 ng
RT: 26.534 min Scan# 3984
Delta R.T. -0.012 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Instrument :
BNA_N
ClientSampleId :
COMP-2



Tgt Ion:276 Resp: 552
Ion Ratio Lower Upper
276 100
277 29.9 20.0 30.0
138 34.8 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

