

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033458.D
 Acq On : 17 Aug 2024 08:27
 Operator : MA/JU
 Sample : P3596-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 918-J-WS-081324

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 17 23:20:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	7353	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	20095	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	10132	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	21230	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	18526	0.400	ng	0.00
35) Perylene-d12	23.323	264	19543	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2781	0.137	ng	0.00
5) Phenol-d6	6.743	99	1984	0.072	ng	0.00
8) Nitrobenzene-d5	8.691	82	5465	0.361	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	9105	0.294	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	1898	0.365	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	14558	0.351	ng	-0.01
27) Fluoranthene-d10	18.984	212	22664	0.399	ng	0.00
31) Terphenyl-d14	19.597	244	16877	0.482	ng	0.00
Target Compounds						
18) Fluorene	15.247	166	4595m	0.107	ng	Qvalue
24) Pentachlorophenol	16.594	266	222	0.039	ng	93
25) Phenanthrene	16.979	178	3065	0.050	ng	99
26) Anthracene	17.078	178	1616	0.030	ng	# 81
28) Fluoranthene	19.012	202	5707	0.076	ng	99
30) Pyrene	19.379	202	3893	0.053	ng	# 94
32) Benzo(a)anthracene	21.139	228	1866	0.027	ng	# 83
33) Chrysene	21.184	228	2774	0.040	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.104	149	4003	0.127	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.478	276	1904	0.024	ng	99
37) Benzo(b)fluoranthene	22.677	252	2998	0.041	ng	# 18
38) Benzo(k)fluoranthene	22.721	252	1763	0.023	ng	# 1
39) Benzo(a)pyrene	23.227	252	1318	0.021	ng	# 1
41) Benzo(g,h,i)perylene	26.139	276	1763	0.025	ng	# 55

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

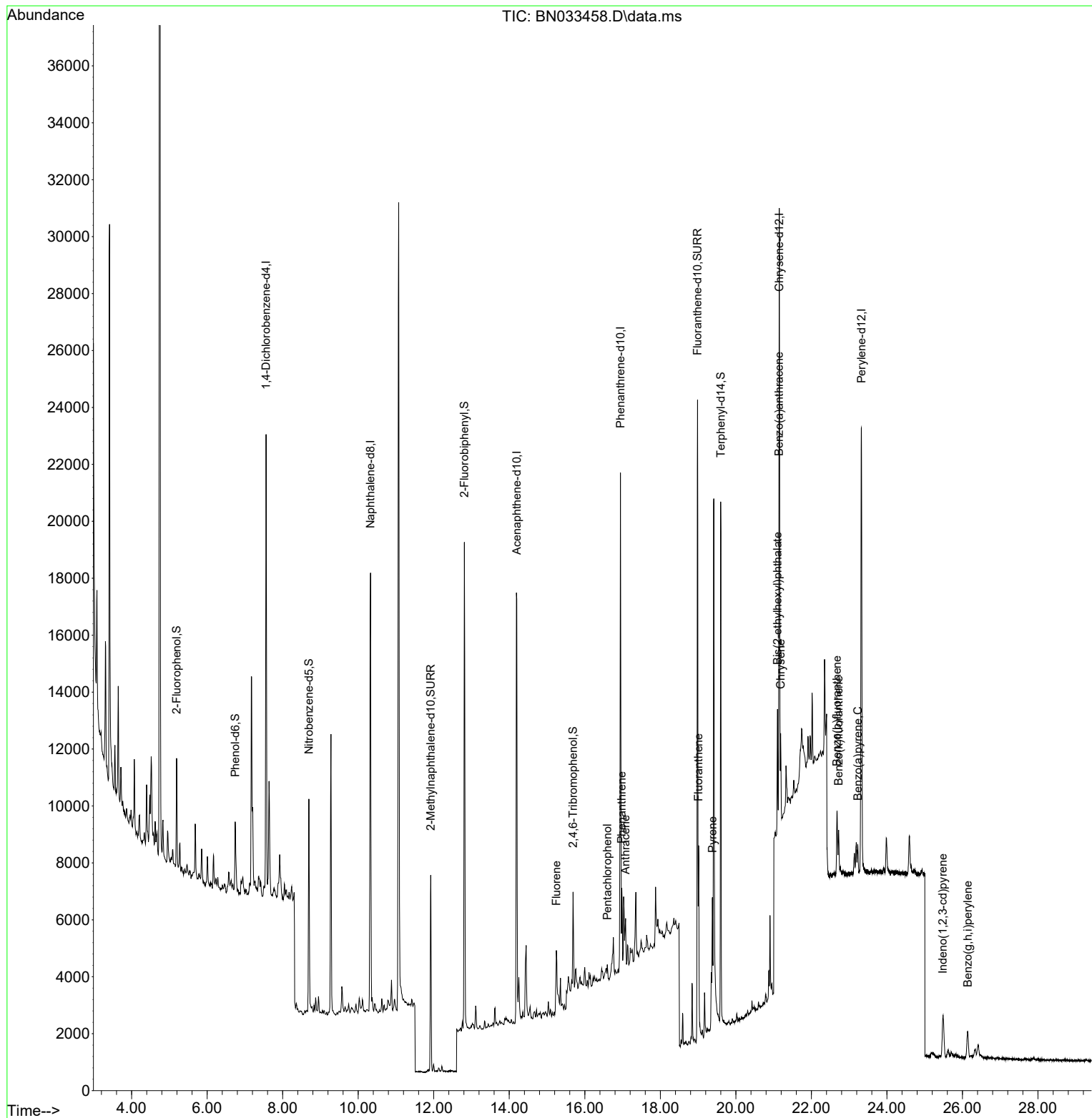
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033458.D
Acq On : 17 Aug 2024 08:27
Operator : MA/JU
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ALS Vial : 32 Sample Multiplier: 1

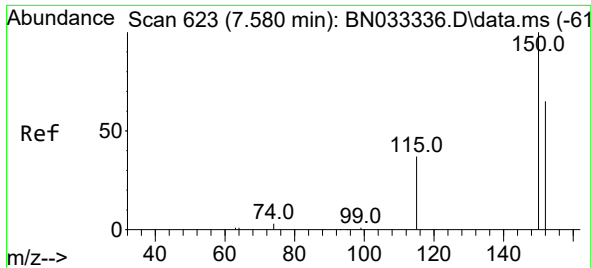
Instrument :
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918-J-WS-081324

Quant Time: Aug 17 23:20:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

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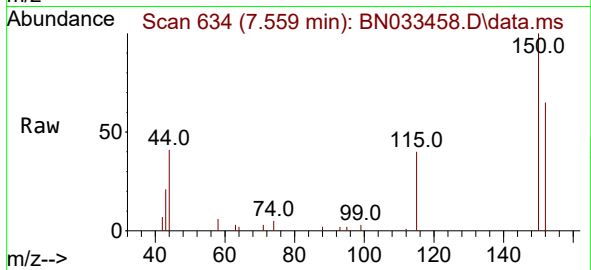
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

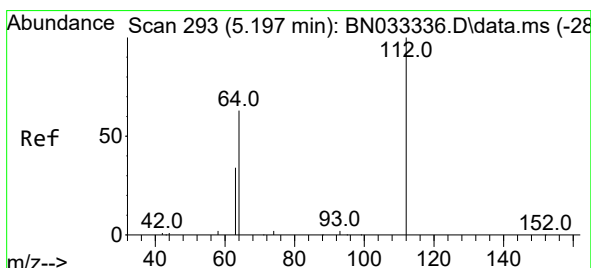
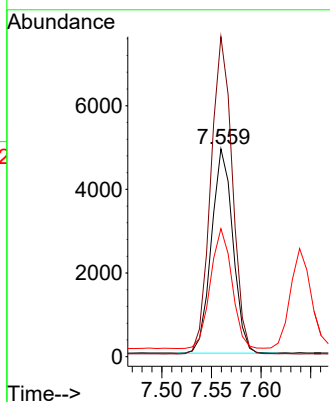
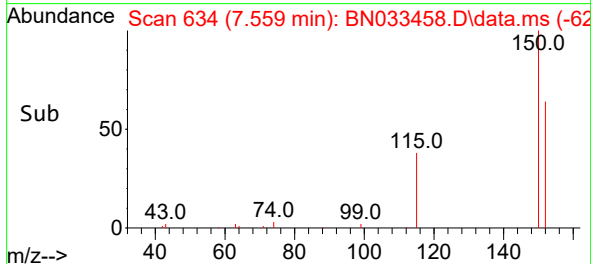
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324



Tgt Ion:152 Resp: 735
Ion Ratio Lower Upper
152 100
150 154.0 122.3 183.5
115 61.6 48.8 73.2

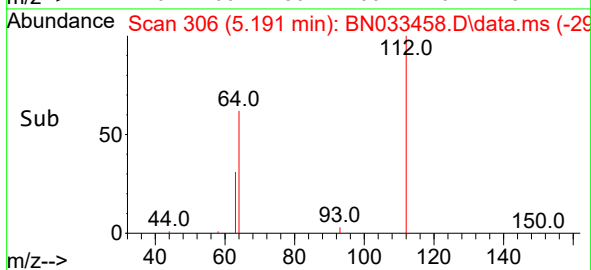
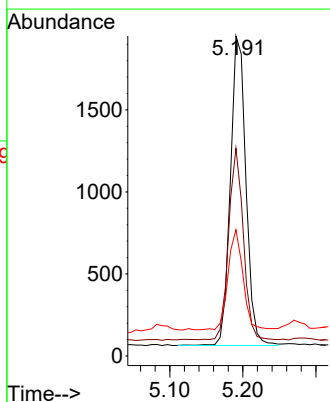
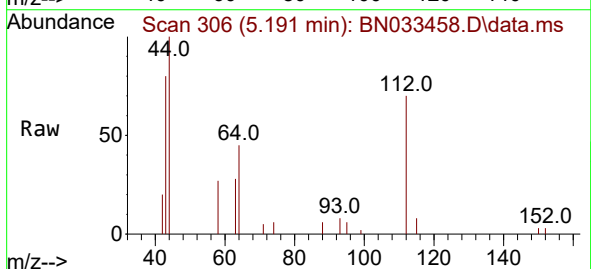
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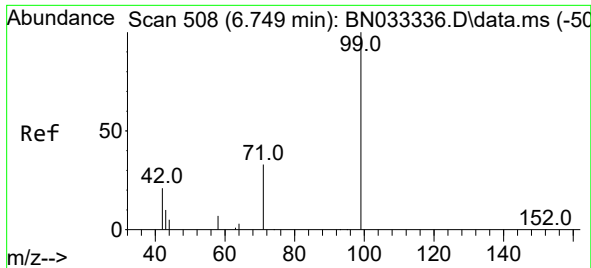
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.191 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

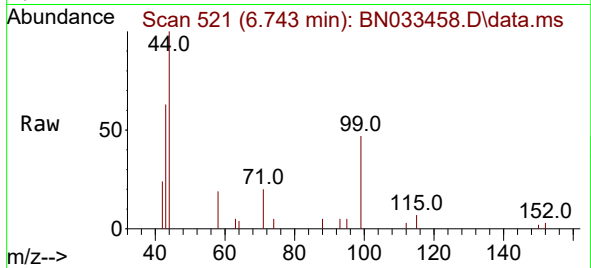
Tgt Ion:112 Resp: 2781
Ion Ratio Lower Upper
112 100
64 58.3 48.1 72.1
63 30.7 25.4 38.2





#5
Phenol-d6
Concen: 0.072 ng
RT: 6.743 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

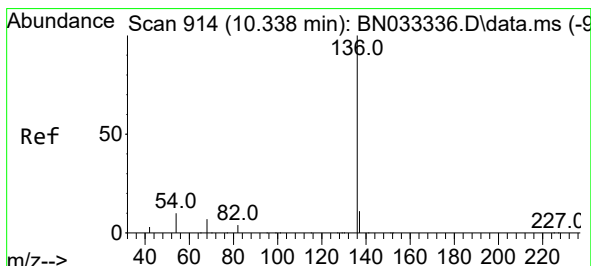
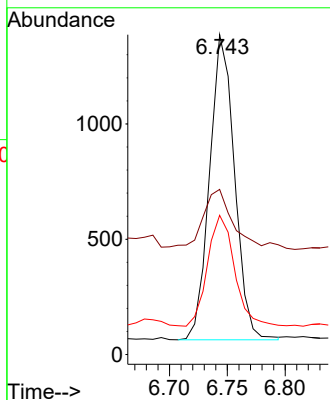
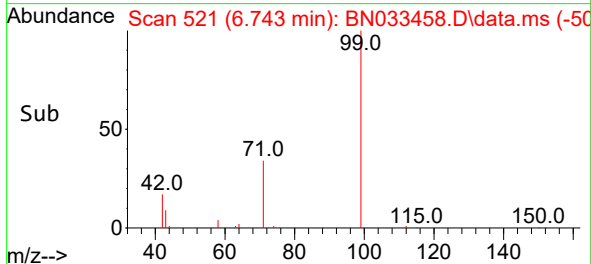
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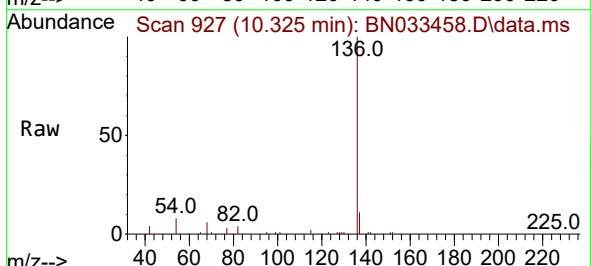
Tgt Ion: 99 Resp: 1984
Ion Ratio Lower Upper
99 100
42 24.4 18.5 27.7
71 39.3 26.2 39.2

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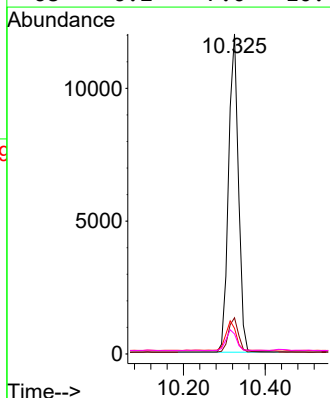
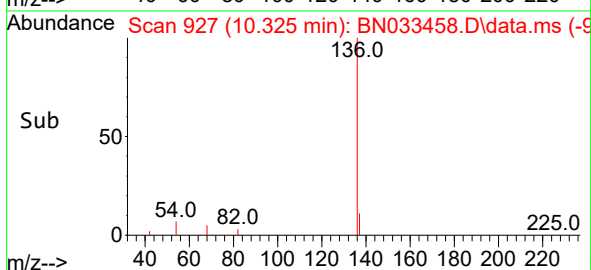
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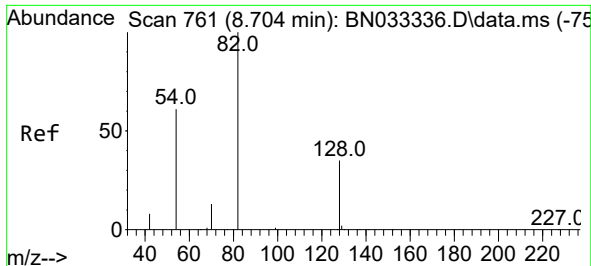


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27



Tgt Ion:136 Resp: 20095
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.0 9.4 14.0#
68 6.2 7.0 10.4#





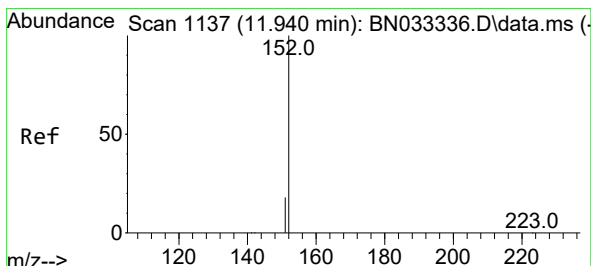
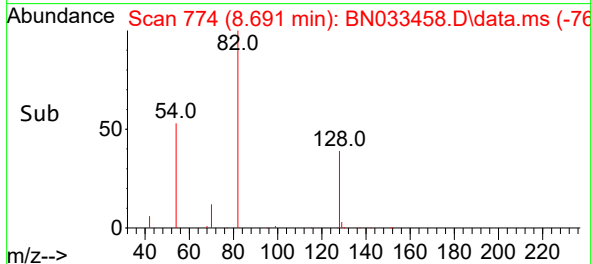
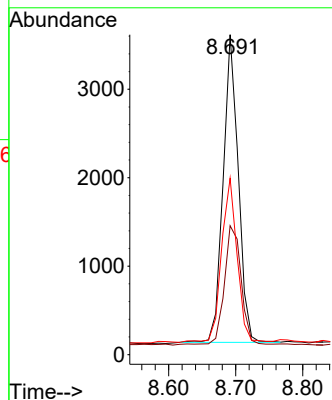
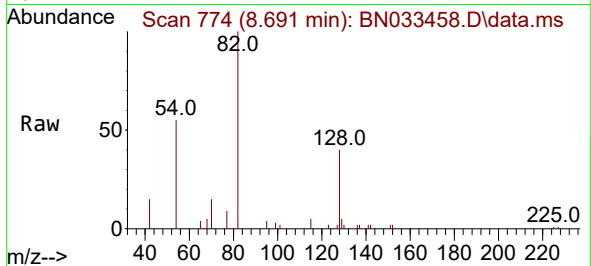
#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.691 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324

Tgt Ion: 82 Resp: 546
Ion Ratio Lower Upper
82 100
128 40.3 29.0 43.4
54 55.1 50.2 75.4

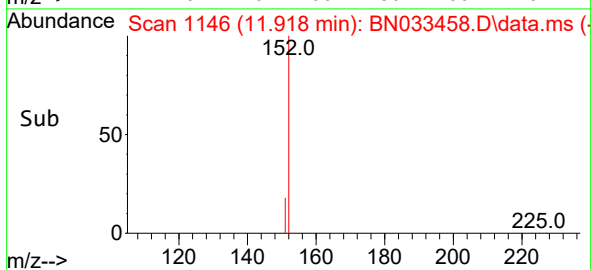
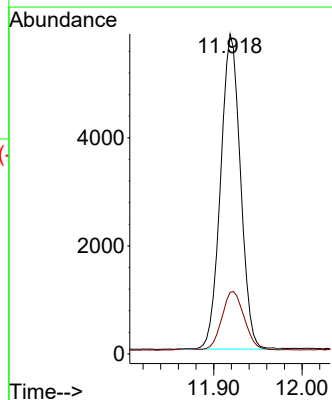
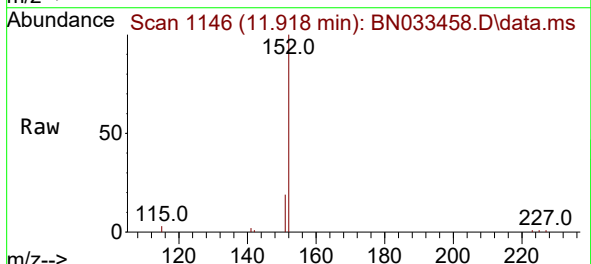
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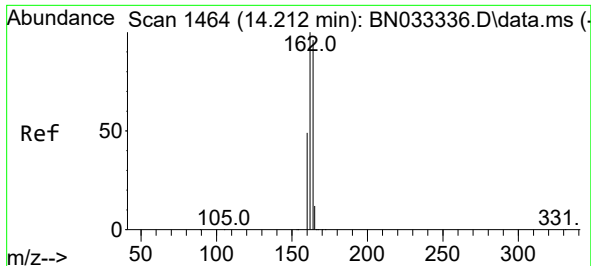
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 11.918 min Scan# 1146
Delta R.T. -0.011 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

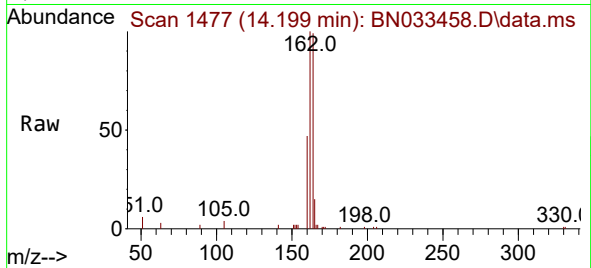
Tgt Ion:152 Resp: 9105
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

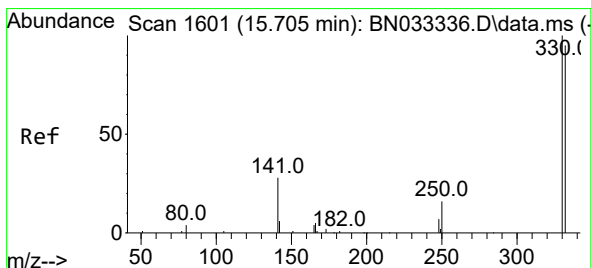
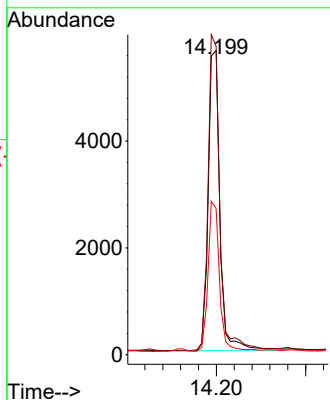
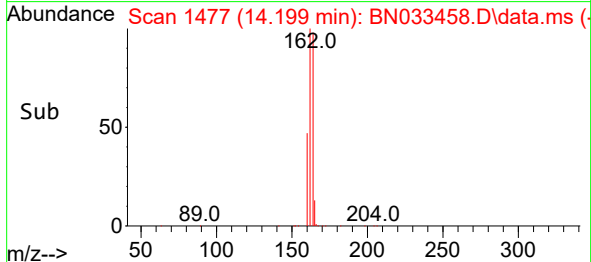
Instrument :
BNA_N
ClientSampleId :
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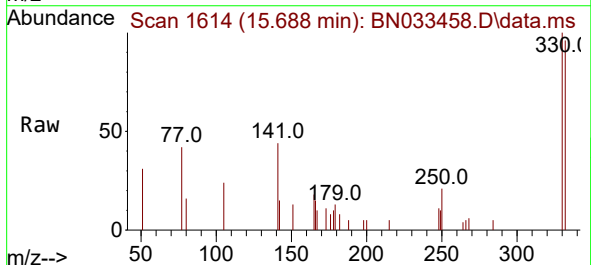
Tgt Ion:164 Resp: 1013
Ion Ratio Lower Upper
164 100
162 101.4 83.1 124.7
160 48.1 41.1 61.7

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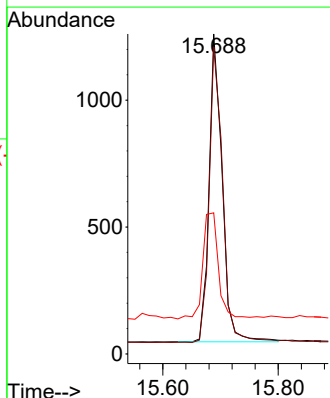
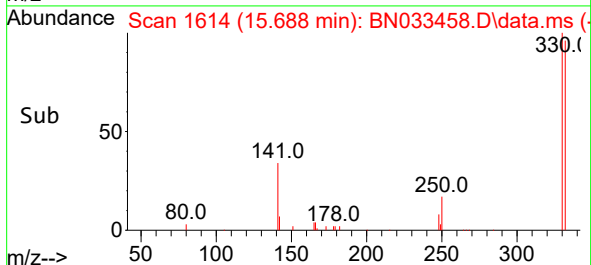
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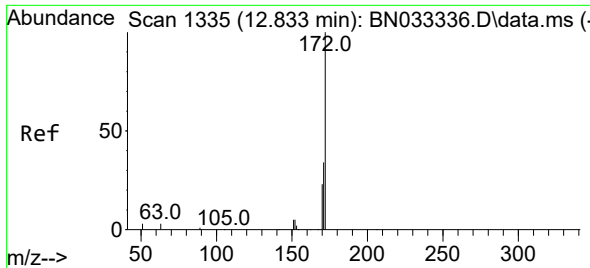


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27



Tgt Ion:330 Resp: 1898
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 41.3 33.4 50.0





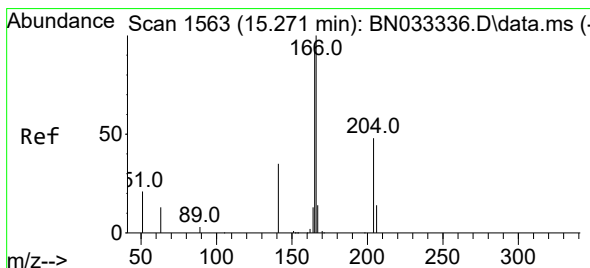
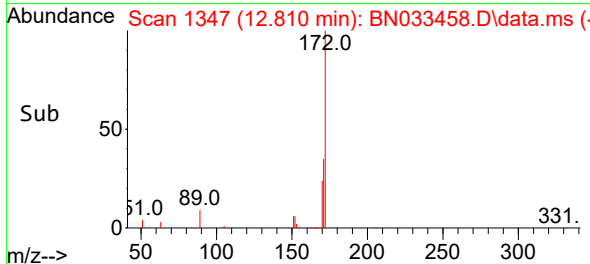
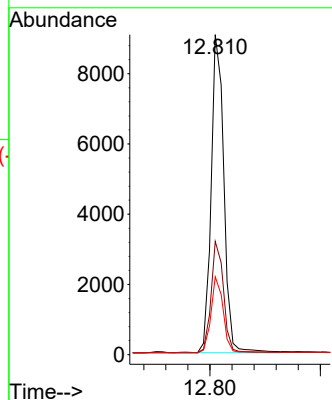
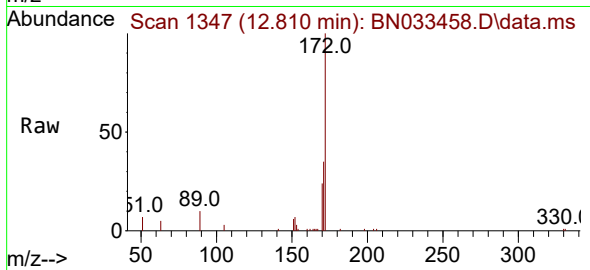
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.810 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324

Tgt Ion:172 Resp: 14558
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 24.3 18.7 28.1

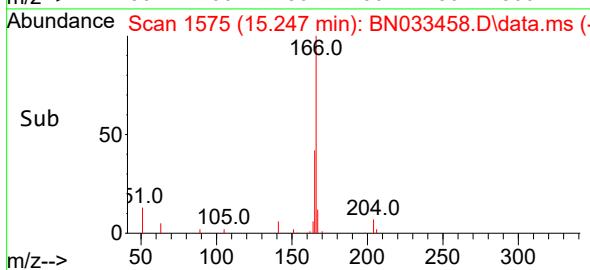
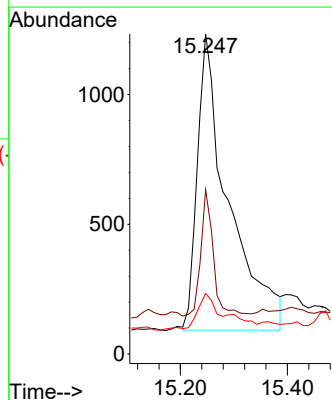
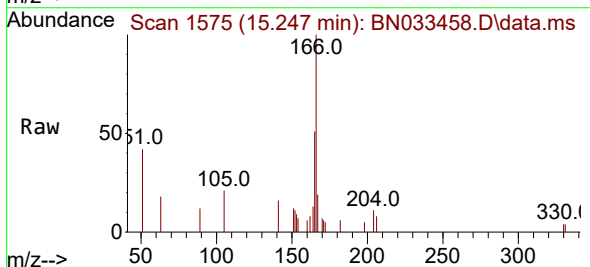
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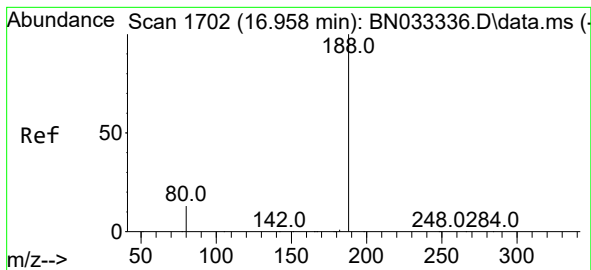
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Fluorene
Concen: 0.107 ng m
RT: 15.247 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

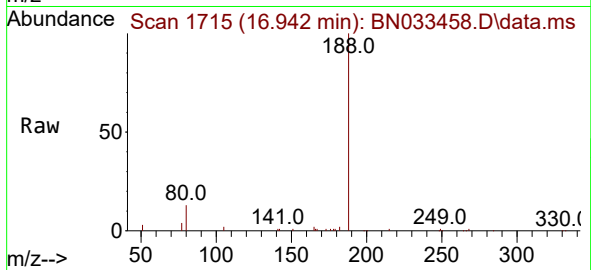
Tgt Ion:166 Resp: 4595
Ion Ratio Lower Upper
166 100
165 17.0 78.0 117.0#
167 8.4 10.7 16.1#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

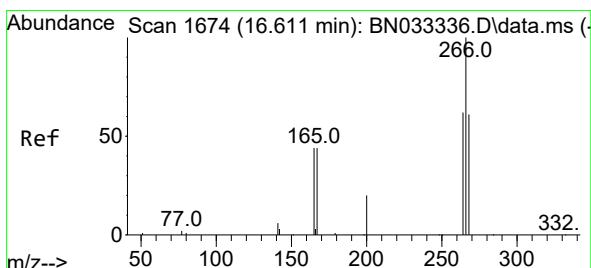
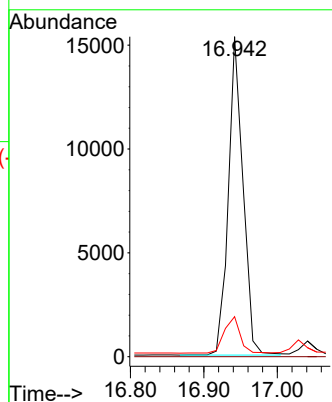
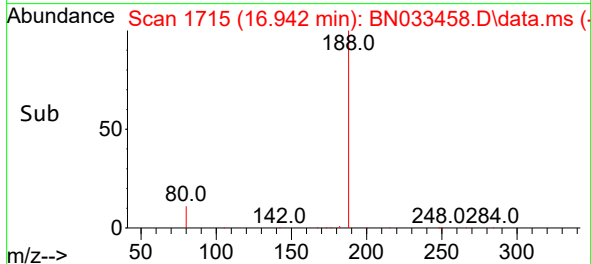
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Tgt Ion:188 Resp: 21230
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 12.5 10.7 16.1

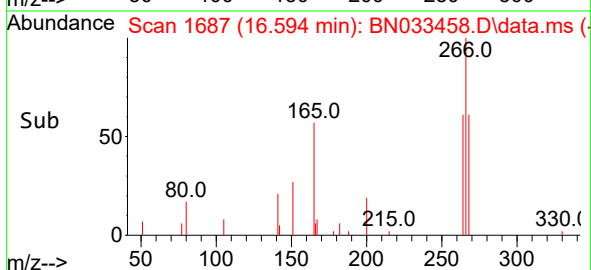
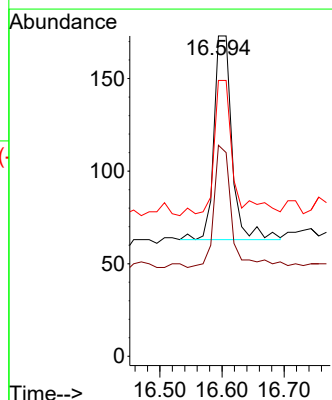
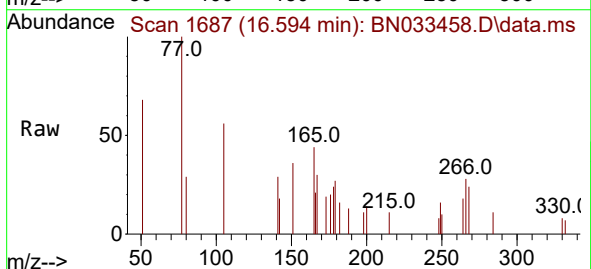
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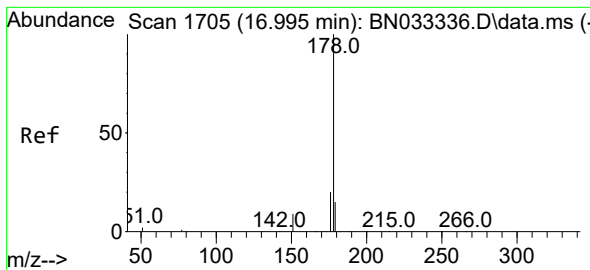
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#24
Pentachlorophenol
Concen: 0.039 ng
RT: 16.594 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

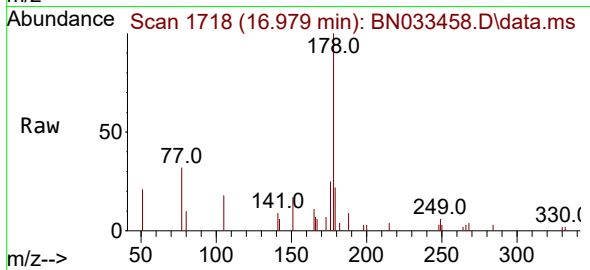
Tgt Ion:266 Resp: 222
Ion Ratio Lower Upper
266 100
264 58.1 49.2 73.8
268 71.6 51.2 76.8





#25
Phenanthrene
Concen: 0.050 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

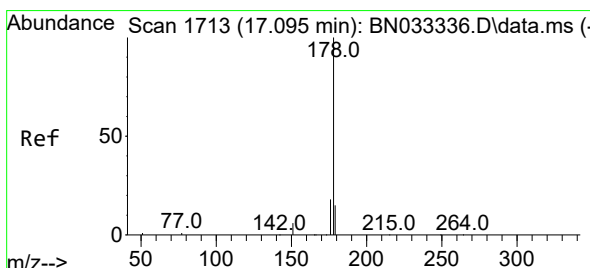
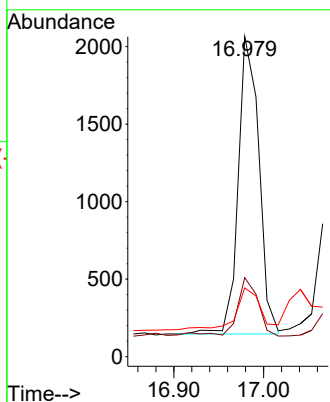
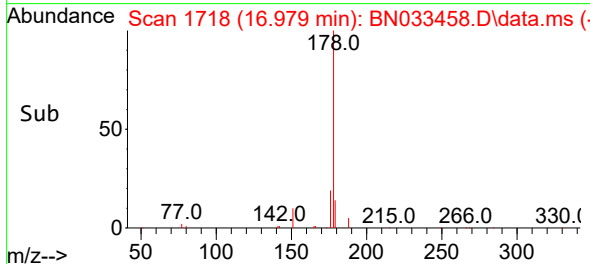
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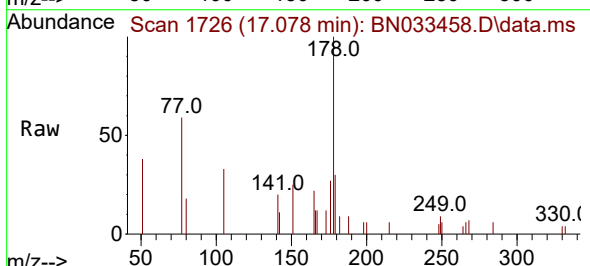
Tgt Ion:178 Resp: 306
Ion Ratio Lower Upper
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176 19.2 15.4 23.0
179 16.3 12.2 18.2

Manual Integrations
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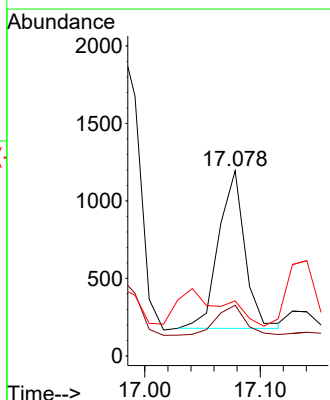
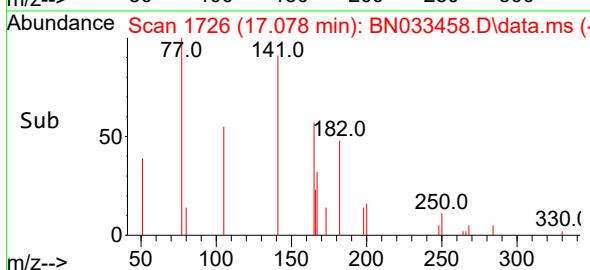
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

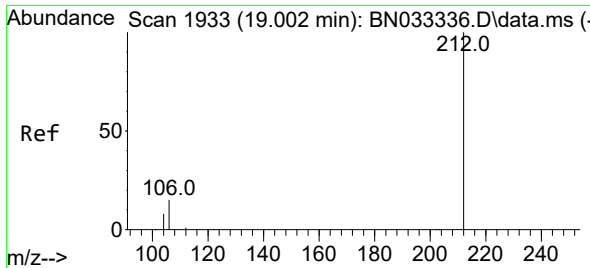


#26
Anthracene
Concen: 0.030 ng
RT: 17.078 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27



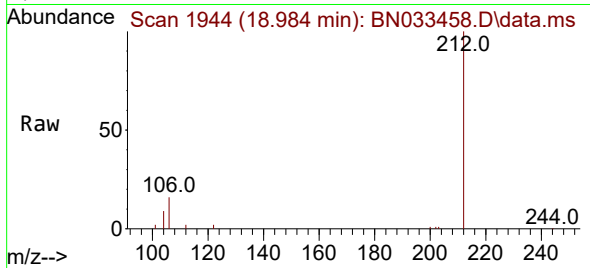
Tgt Ion:178 Resp: 1616
Ion Ratio Lower Upper
178 100
176 20.7 14.7 22.1
179 0.0 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

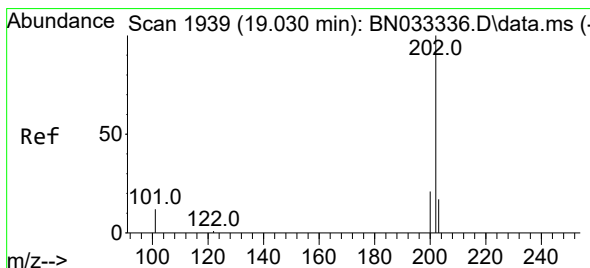
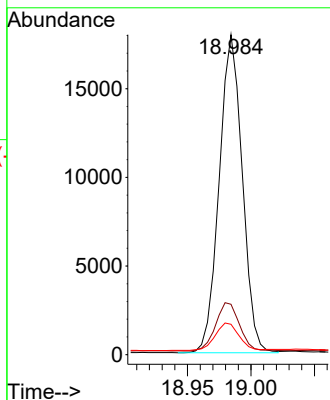
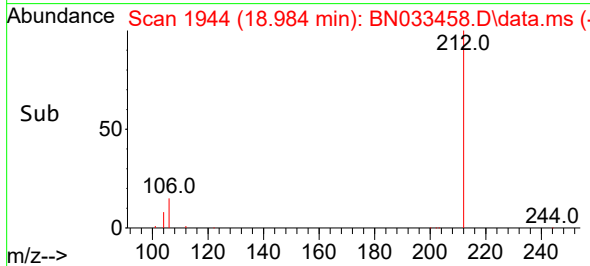
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324



Tgt Ion:212 Resp: 22664
Ion Ratio Lower Upper
212 100
106 15.7 12.8 19.2
104 9.1 7.1 10.7

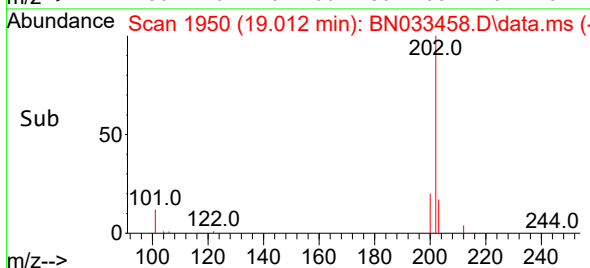
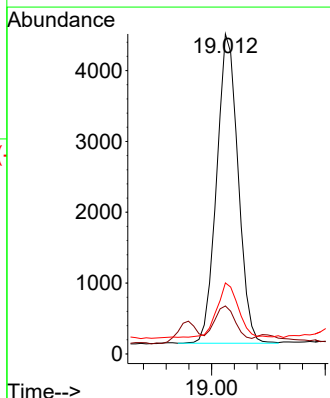
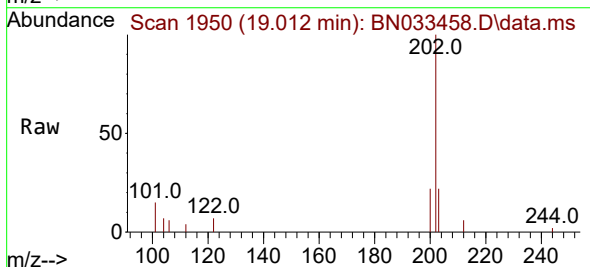
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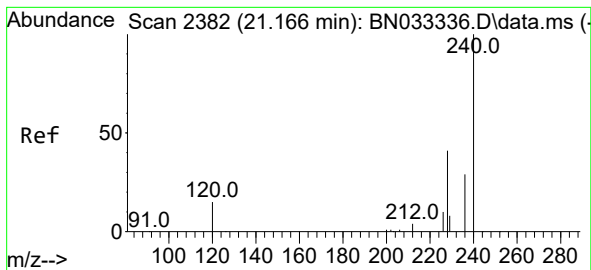
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#28
Fluoranthene
Concen: 0.076 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:202 Resp: 5707
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
203 17.5 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

Instrument :

BNA_N

ClientSampleId :

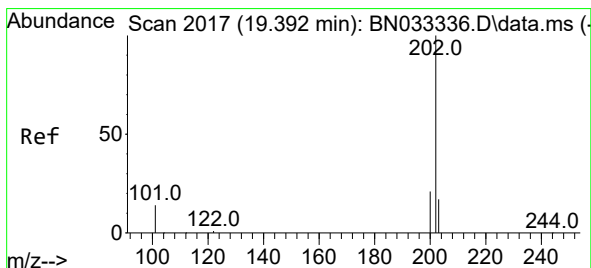
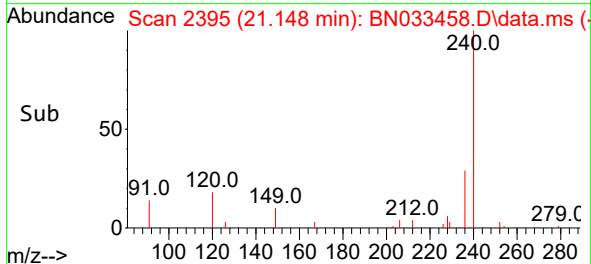
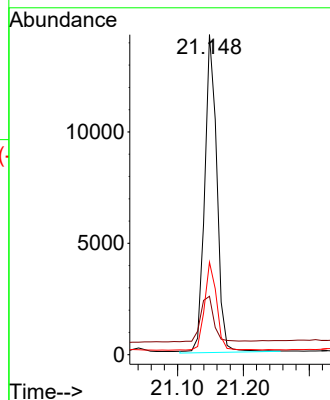
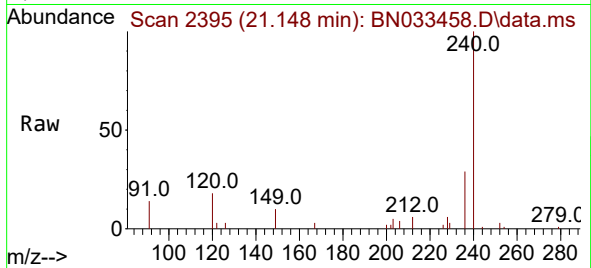
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Tgt Ion:240	Resp:	18520
Ion Ratio	Lower	Upper
240	100	
120	18.2	13.0 19.6
236	28.9	23.2 34.8

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#30

Pyrene

Concen: 0.053 ng

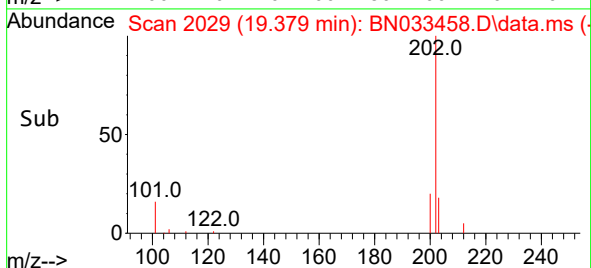
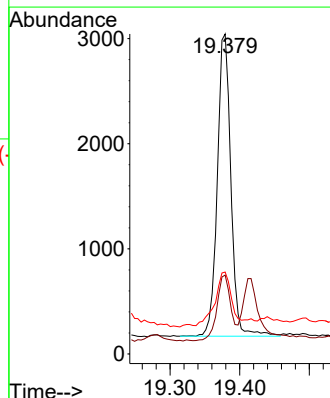
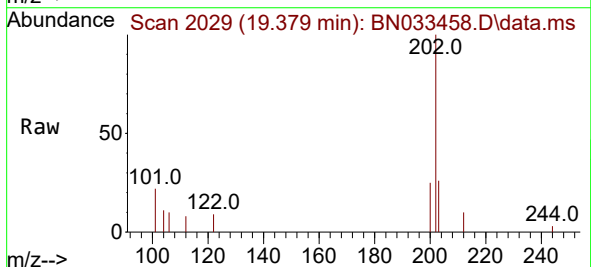
RT: 19.379 min Scan# 2029

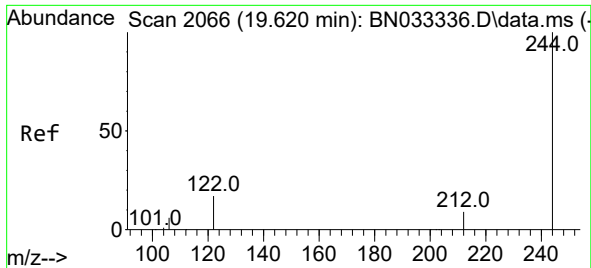
Delta R.T. -0.005 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

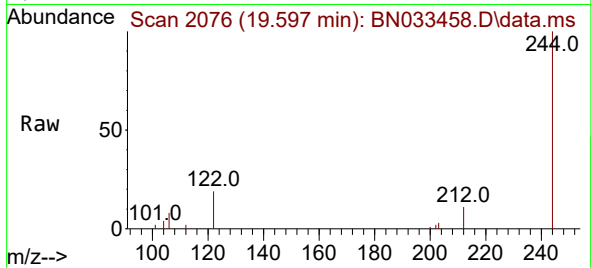
Tgt Ion:202	Resp:	3893
Ion Ratio	Lower	Upper
202	100	
200	22.7	16.7 25.1
203	21.6	14.2 21.4#





#31
Terphenyl-d14
Concen: 0.482 ng
RT: 19.597 min Scan# 2066
Delta R.T. -0.009 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

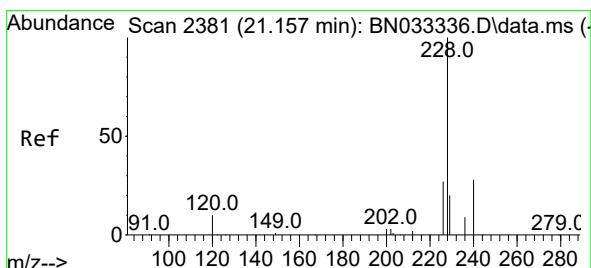
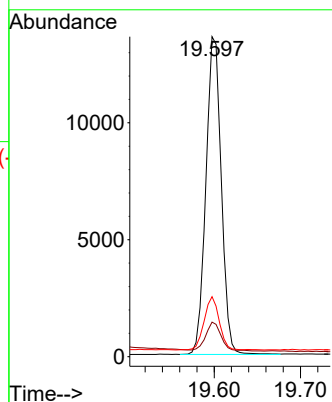
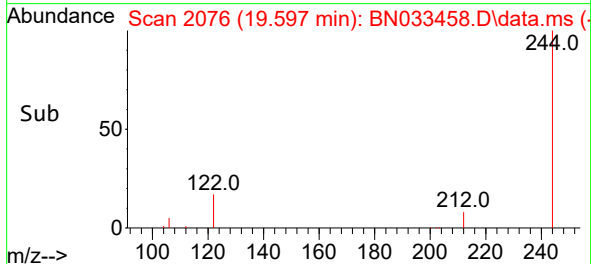
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324



Tgt Ion:244 Resp: 1687
Ion Ratio Lower Upper
244 100
212 10.8 7.7 11.5
122 18.7 14.0 21.0

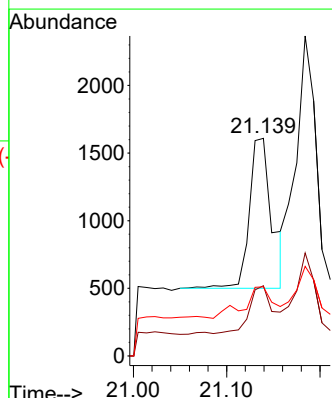
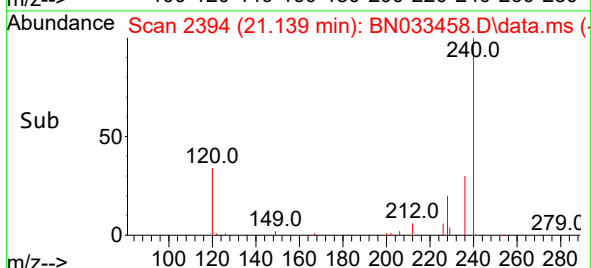
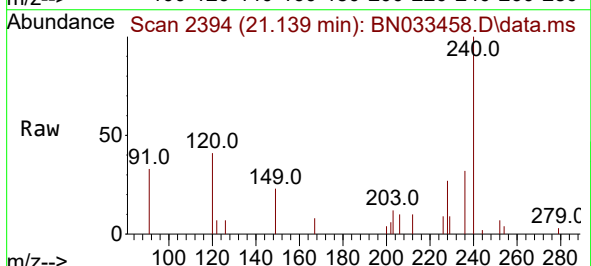
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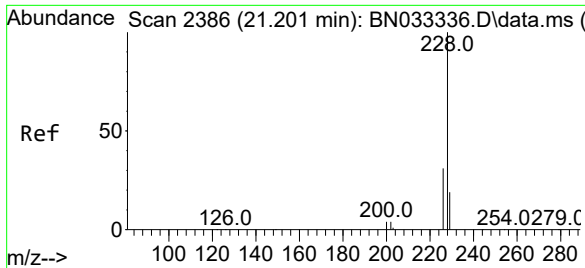
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#32
Benzo(a)anthracene
Concen: 0.027 ng
RT: 21.139 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

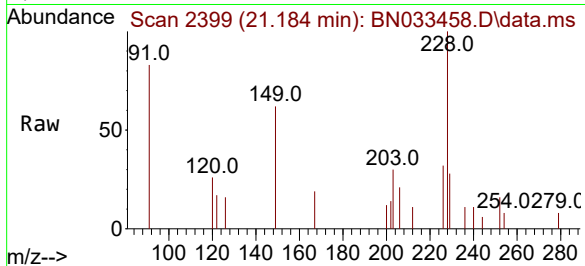
Tgt Ion:228 Resp: 1866
Ion Ratio Lower Upper
228 100
226 32.3 21.6 32.4
229 31.8 15.9 23.9#





#33
Chrysene
Concen: 0.040 ng
RT: 21.184 min Scan# 21184
Delta R.T. -0.009 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

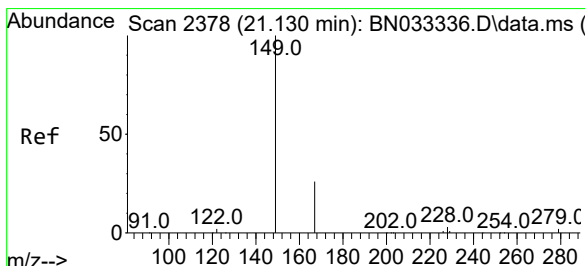
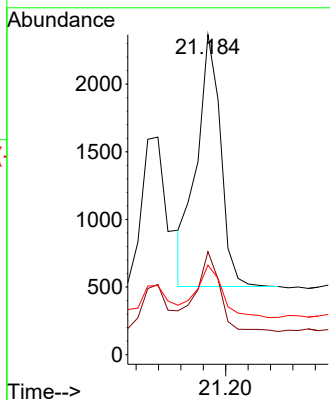
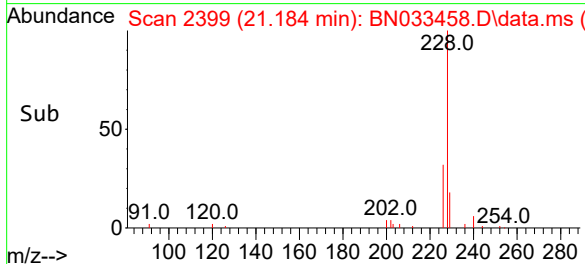
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324



Tgt Ion:228 Resp: 2774
Ion Ratio Lower Upper
228 100
226 32.2 24.7 37.1
229 28.0 15.4 23.2

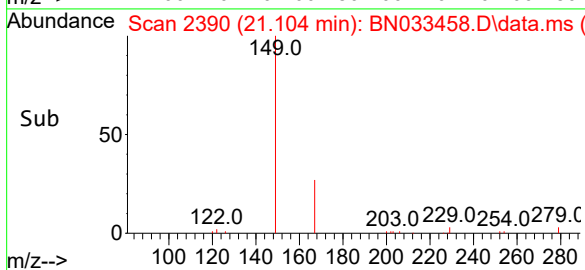
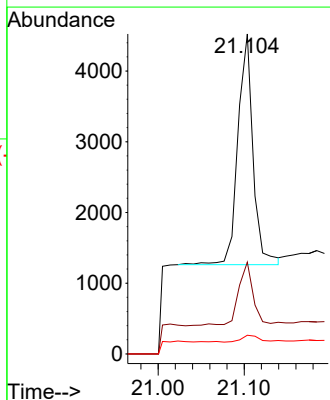
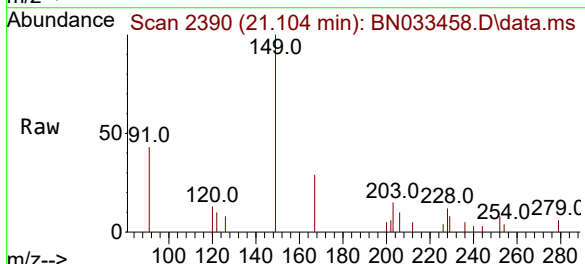
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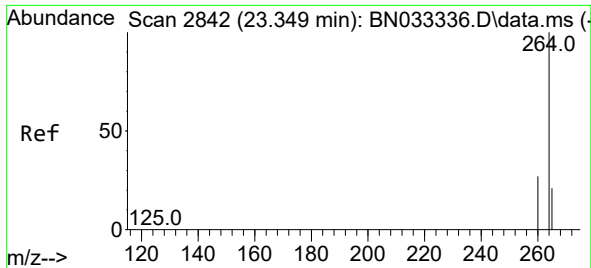
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.127 ng
RT: 21.104 min Scan# 2390
Delta R.T. -0.009 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:149 Resp: 4003
Ion Ratio Lower Upper
149 100
167 28.3 20.9 31.3
279 3.8 2.2 3.4





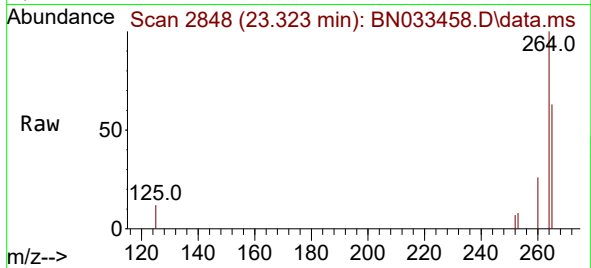
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.323 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324

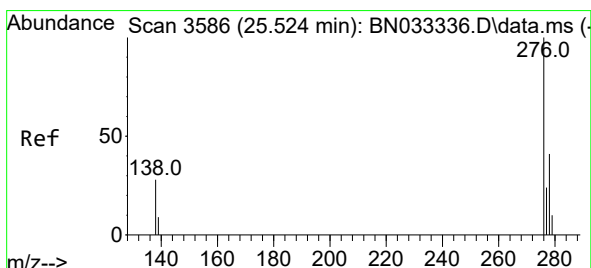
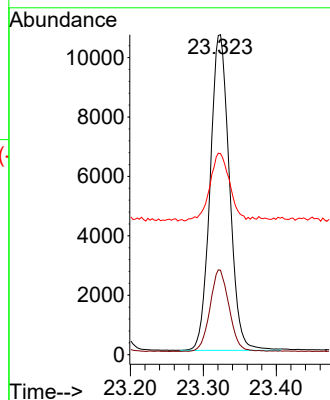
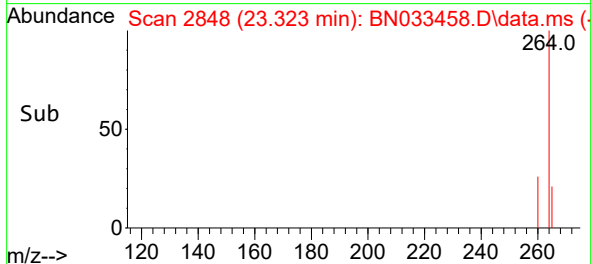


Tgt Ion:264 Resp: 1954
Ion Ratio Lower Upper
264 100
260 26.4 21.6 32.4
265 62.8 29.3 43.9

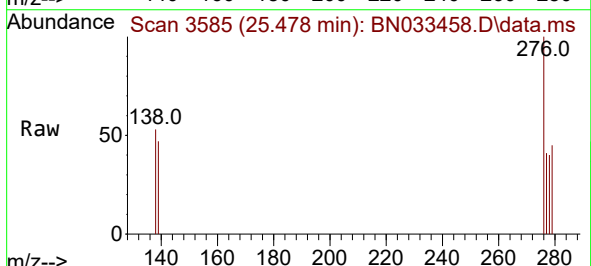
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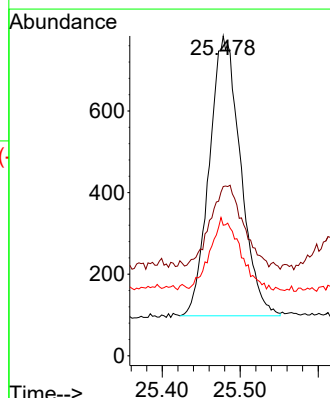
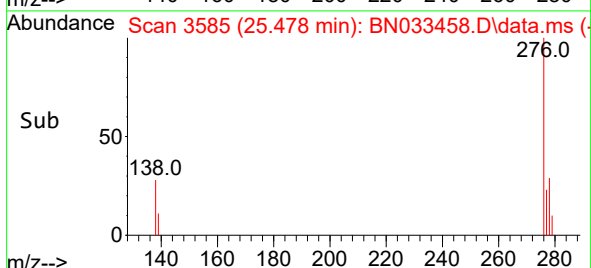
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

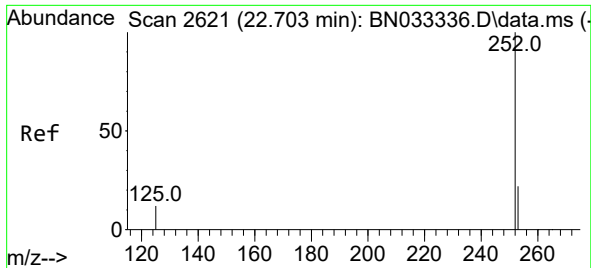


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 25.478 min Scan# 3585
Delta R.T. -0.020 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27



Tgt Ion:276 Resp: 1904
Ion Ratio Lower Upper
276 100
138 30.5 24.9 37.3
277 25.0 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.041 ng

RT: 22.677 min Scan# 20

Delta R.T. -0.009 min

Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

Instrument :

BN033458.D

ClientSampleId :

918-J-WS-081324

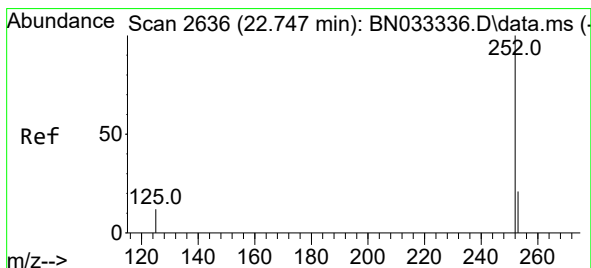
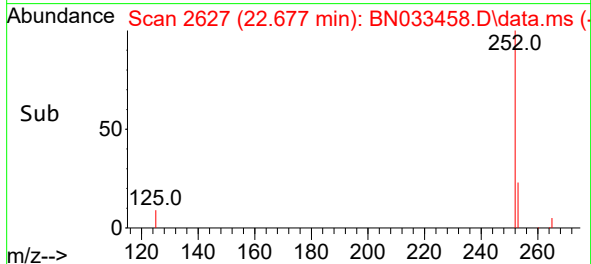
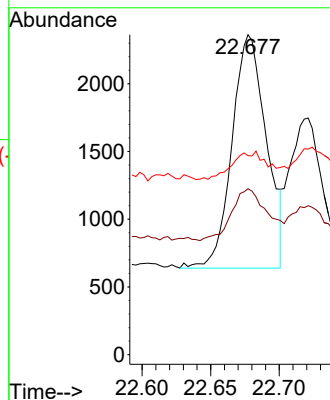
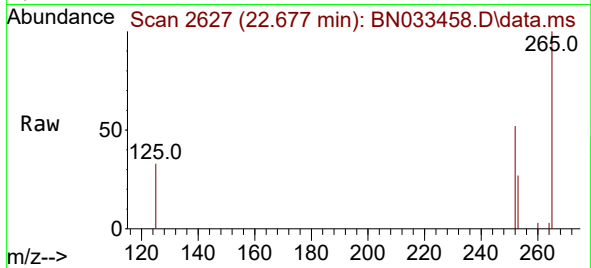
Tgt Ion:252 Resp: 2998

Ion	Ratio	Lower	Upper
252	100		
253	51.9	18.2	27.2
125	62.2	11.3	16.9

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Supervised By :mohammad ahmed 08/21/2024



#38

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 22.721 min Scan# 2642

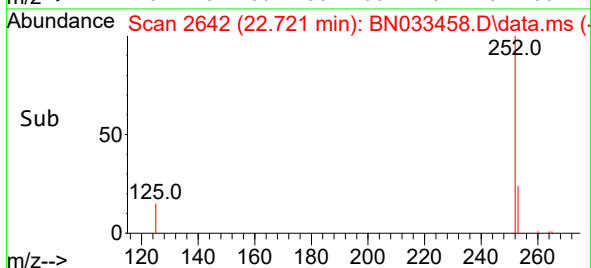
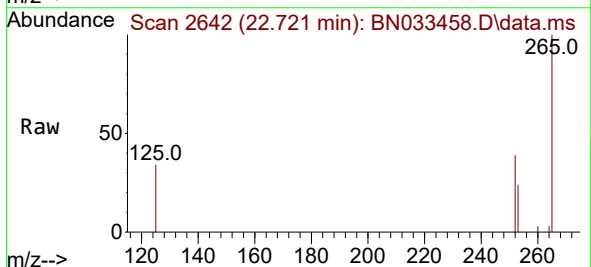
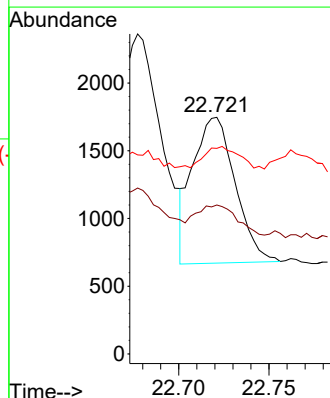
Delta R.T. -0.009 min

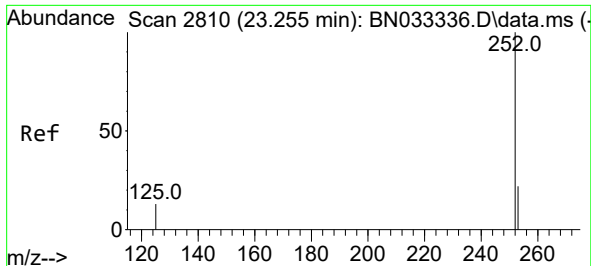
Lab File: BN033458.D

Acq: 17 Aug 2024 08:27

Tgt Ion:252 Resp: 1763

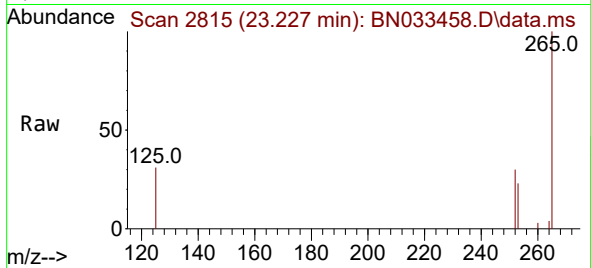
Ion	Ratio	Lower	Upper
252	100		
253	63.0	17.9	26.9
125	86.8	11.3	16.9





#39
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.227 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

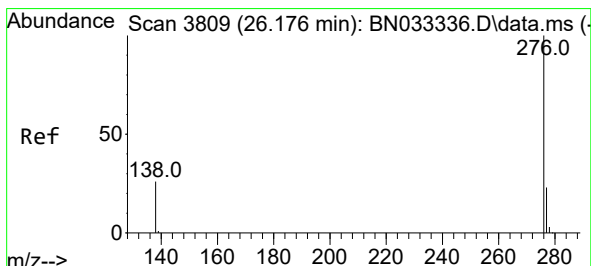
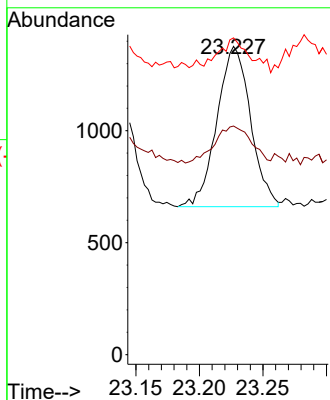
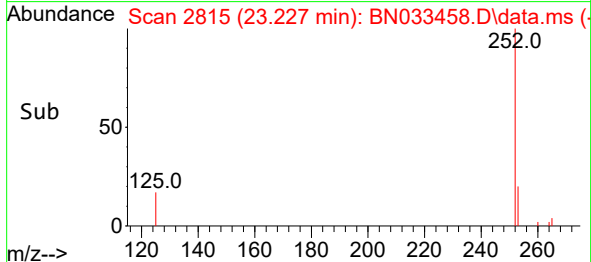
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324



Tgt Ion:252 Resp: 1318
Ion Ratio Lower Upper
252 100
253 74.1 18.6 28.0#
125 102.8 12.6 19.0#

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Supervised By :mohammad ahmed 08/21/2024



#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 26.139 min Scan# 3811
Delta R.T. -0.012 min
Lab File: BN033458.D
Acq: 17 Aug 2024 08:27

Tgt Ion:276 Resp: 1763
Ion Ratio Lower Upper
276 100
277 42.5 19.4 29.2#
138 53.8 21.6 32.4#

