

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033459.D
 Acq On : 17 Aug 2024 09:04
 Operator : MA/JU
 Sample : P3596-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 23:20:57 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	6784	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	18494	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	9146	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	18678	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	15921	0.400	ng	0.00
35) Perylene-d12	23.320	264	16794	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.190	112	2627	0.140	ng	0.00
5) Phenol-d6	6.743	99	1913	0.076	ng	0.00
8) Nitrobenzene-d5	8.691	82	4743	0.340	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	8119	0.285	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	1663	0.354	ng	-0.01
15) 2-Fluorobiphenyl	12.809	172	11890	0.317	ng	-0.01
27) Fluoranthene-d10	18.984	212	19825	0.397	ng	0.00
31) Terphenyl-d14	19.597	244	14605	0.486	ng	0.00
Target Compounds						Qvalue
18) Fluorene	15.247	166	1359m	0.035	ng	
25) Phenanthrene	16.979	178	2226	0.041	ng	99
28) Fluoranthene	19.012	202	3726	0.056	ng	97
30) Pyrene	19.379	202	2399	0.038	ng	# 95
33) Chrysene	21.184	228	1666	0.028	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.103	149	3257	0.120	ng	# 97
37) Benzo(b)fluoranthene	22.677	252	1635	0.026	ng	# 1

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

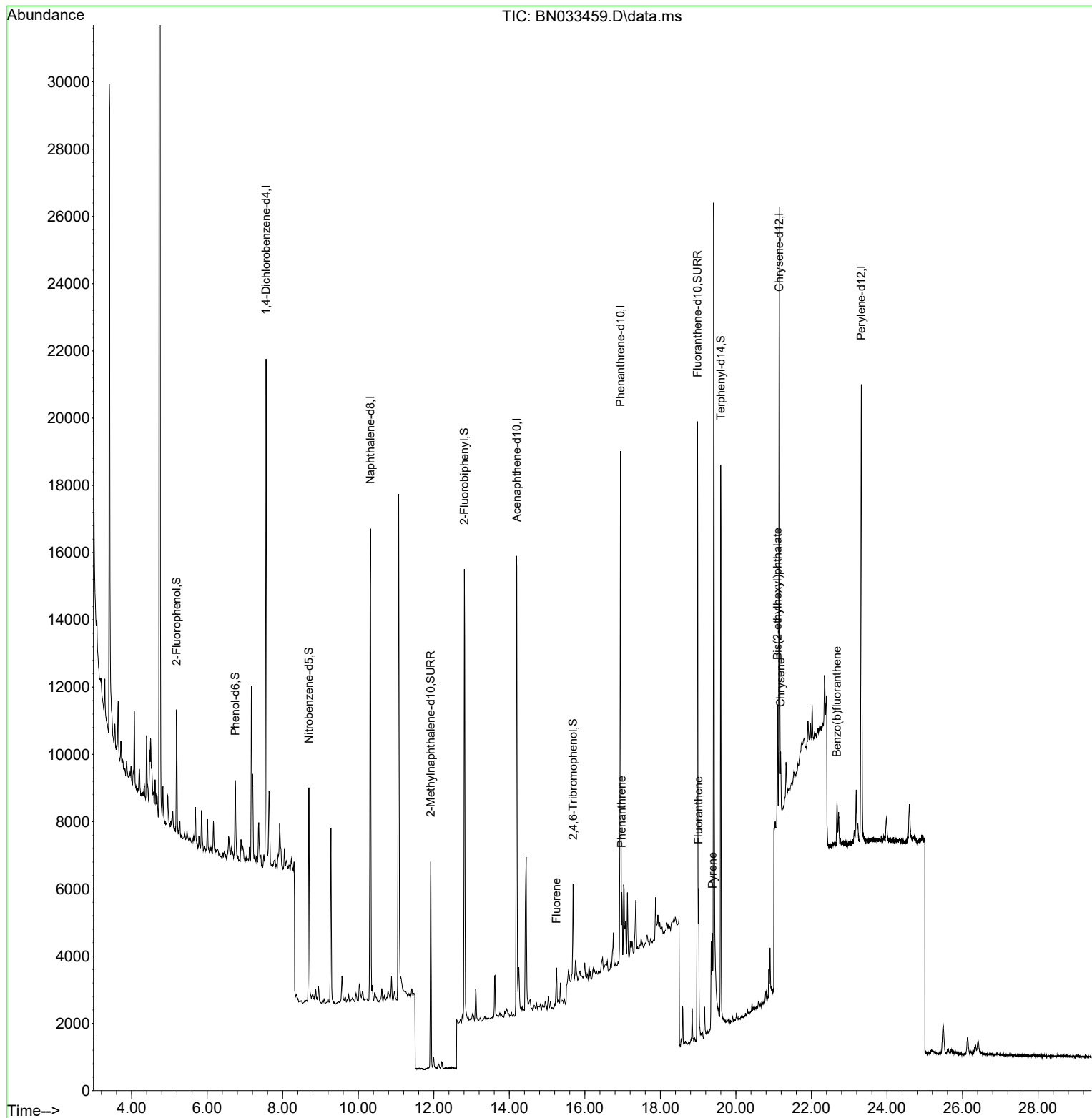
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033459.D
Acq On : 17 Aug 2024 09:04
Operator : MA/JU
Sample : P3596-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

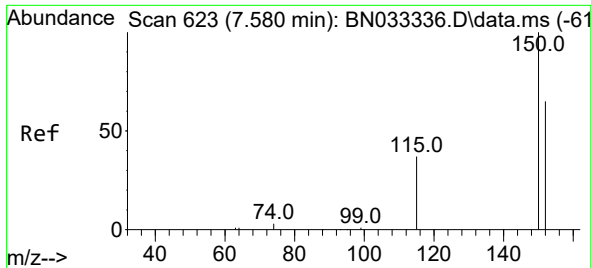
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD

Quant Time: Aug 17 23:20:57 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

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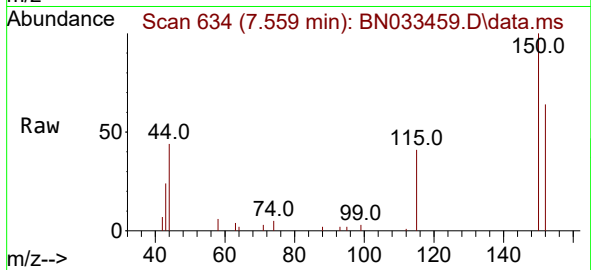
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

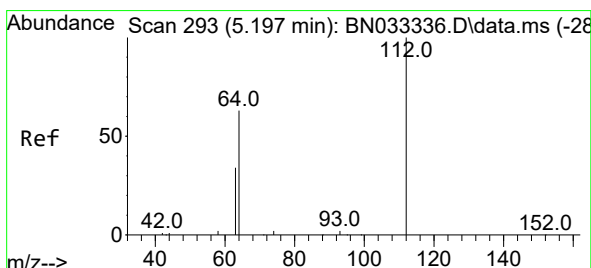
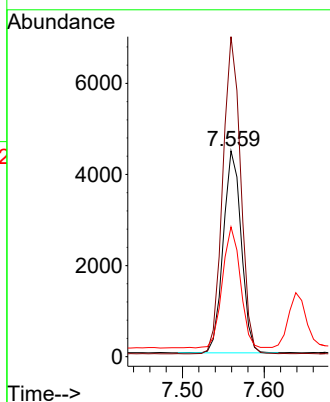
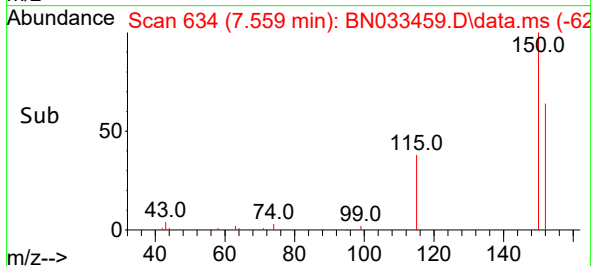
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD



Tgt Ion:152 Resp: 6784
Ion Ratio Lower Upper
152 100
150 155.5 122.3 183.5
115 63.1 48.8 73.2

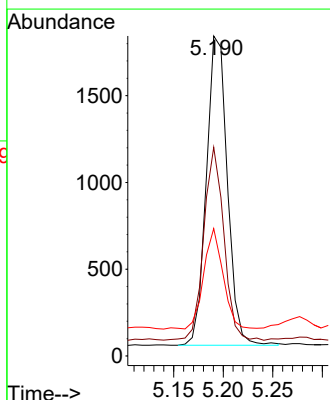
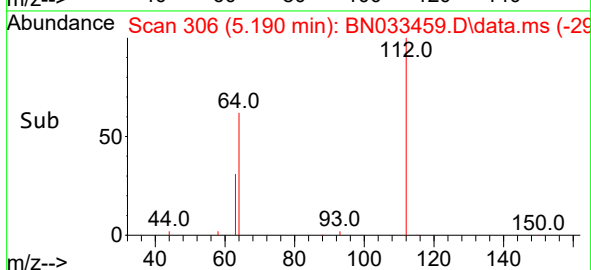
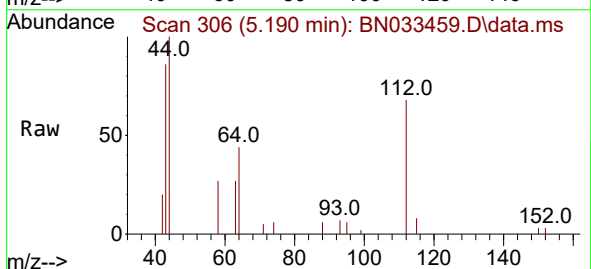
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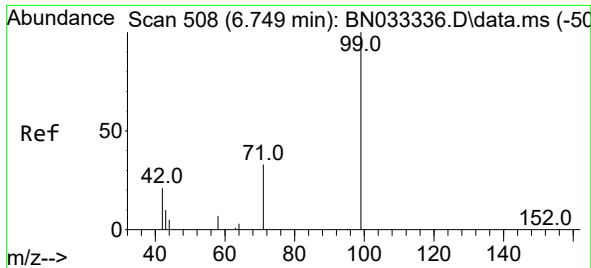
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.190 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

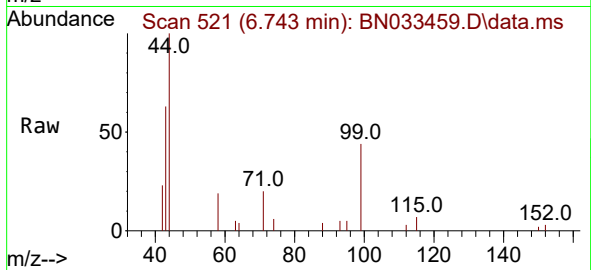
Tgt Ion:112 Resp: 2627
Ion Ratio Lower Upper
112 100
64 59.4 48.1 72.1
63 30.2 25.4 38.2





#5
Phenol-d6
Concen: 0.076 ng
RT: 6.743 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

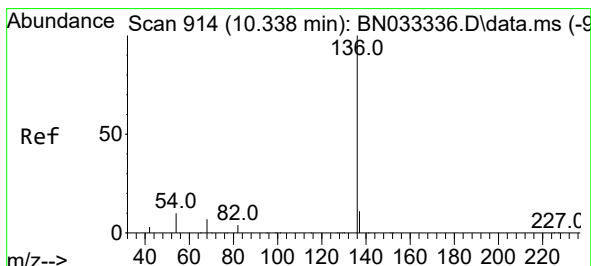
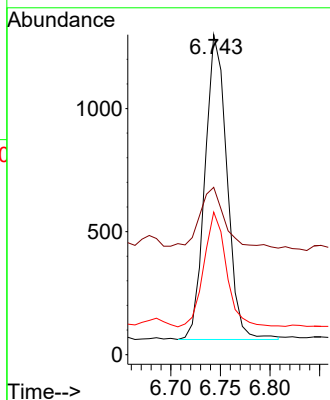
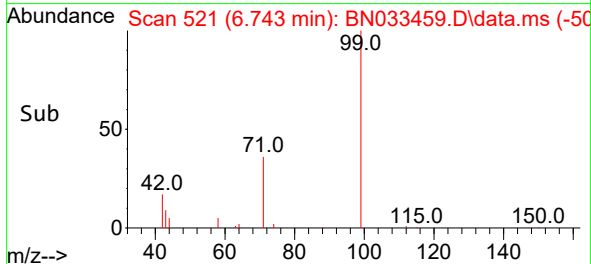
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD



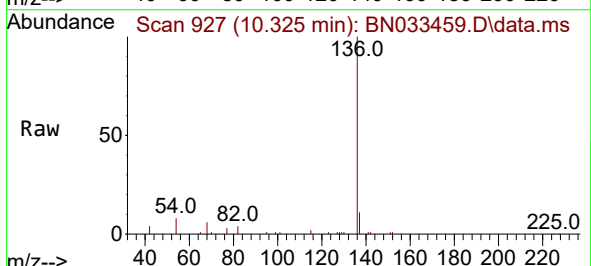
Tgt Ion: 99 Resp: 191
Ion Ratio Lower Upper
99 100
42 22.6 18.5 27.7
71 38.5 26.2 39.2

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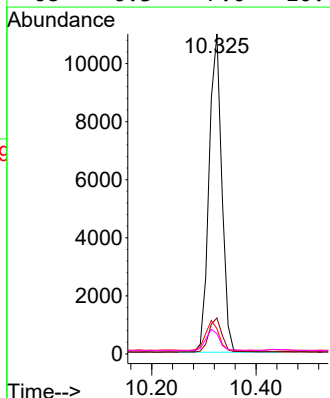
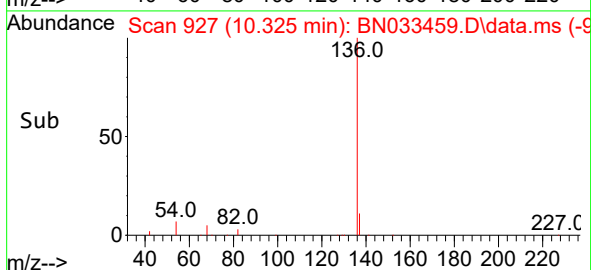
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Supervised By :mohammad ahmed 08/21/2024

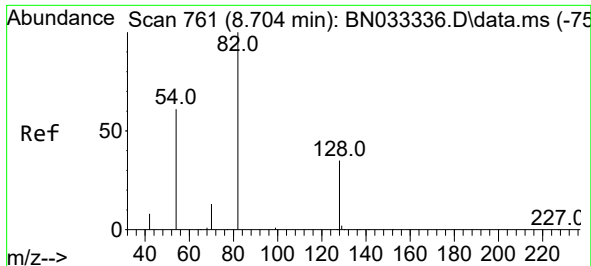


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04



Tgt Ion:136 Resp: 18494
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.9 9.4 14.0#
68 6.3 7.0 10.4#





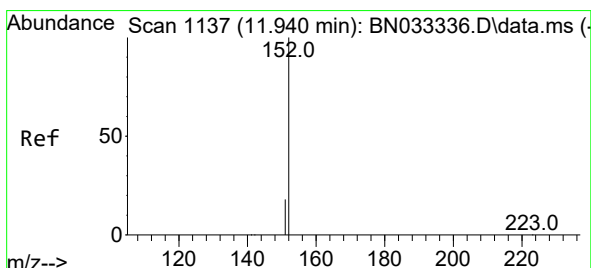
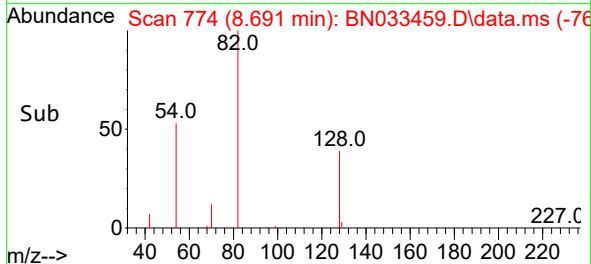
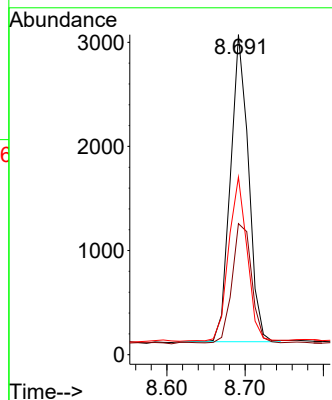
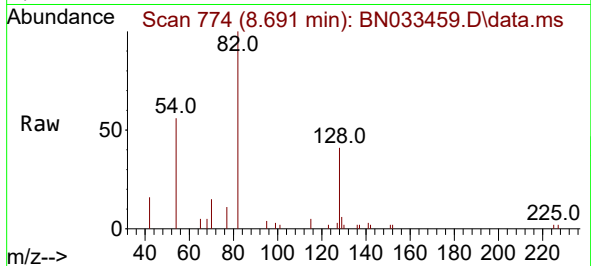
#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.691 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

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

Tgt Ion: 82 Resp: 474
Ion Ratio Lower Upper
82 100
128 41.0 29.0 43.4
54 55.5 50.2 75.4

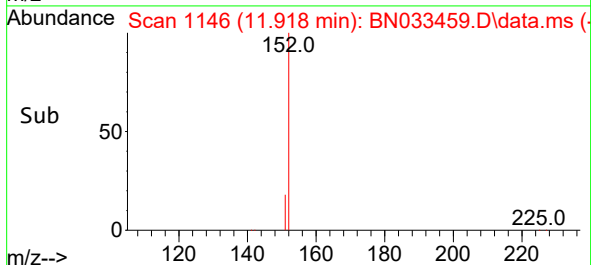
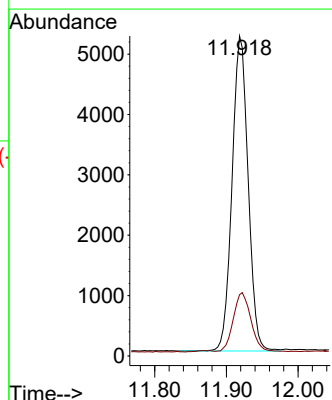
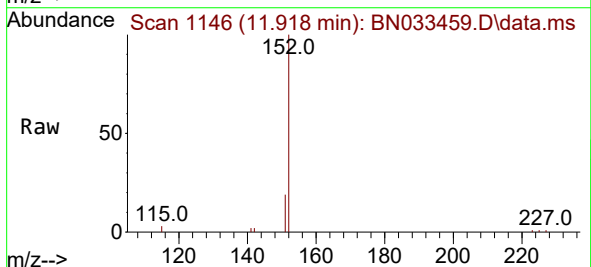
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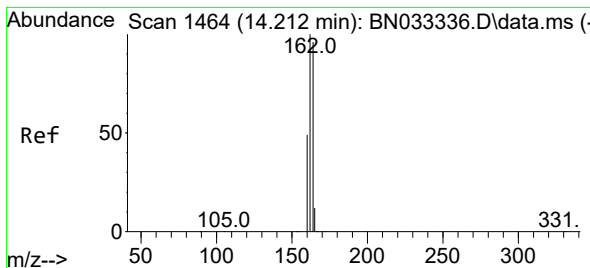
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 11.918 min Scan# 1146
Delta R.T. -0.011 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

Tgt Ion:152 Resp: 8119
Ion Ratio Lower Upper
152 100
151 20.5 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: BN033459.D

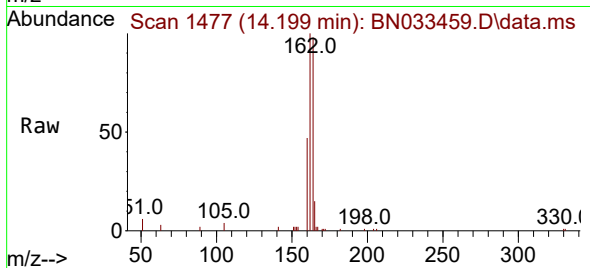
Acq: 17 Aug 2024 09:04

Instrument :

BNA_N

ClientSampleId :

918-J-WS-081324-FD



Tgt Ion:164 Resp: 9140

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

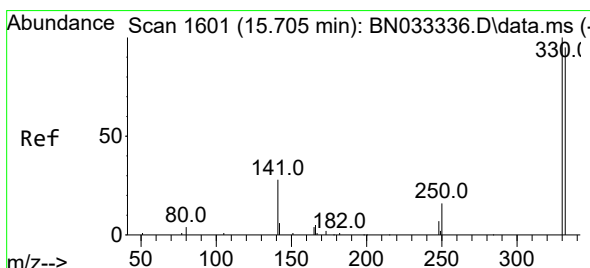
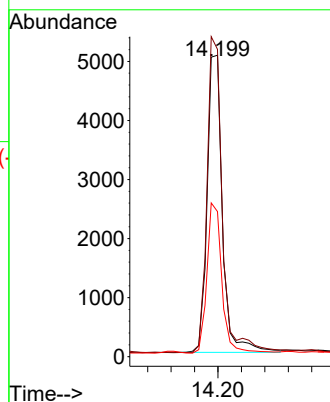
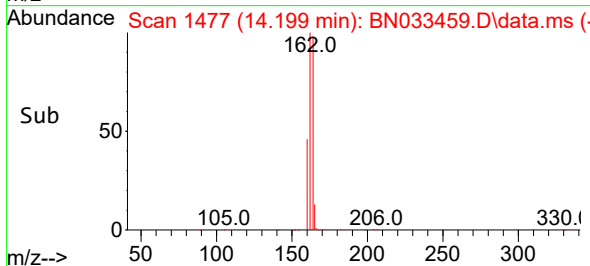
160 48.1 41.1 61.7

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2024



#14

2,4,6-Tribromophenol

Concen: 0.354 ng

RT: 15.688 min Scan# 1614

Delta R.T. -0.013 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

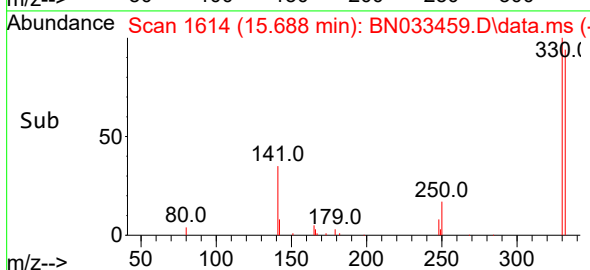
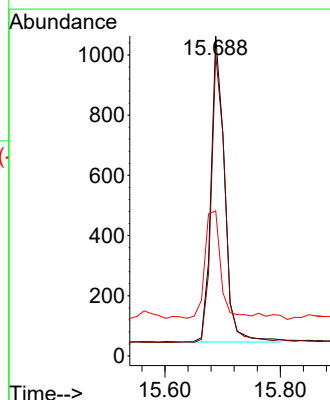
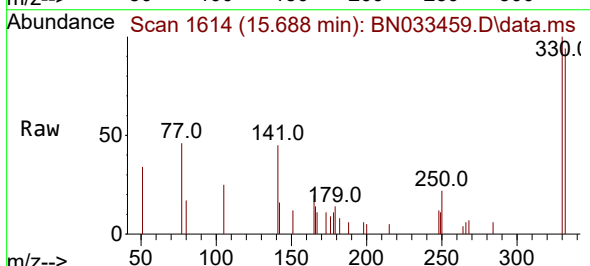
Tgt Ion:330 Resp: 1663

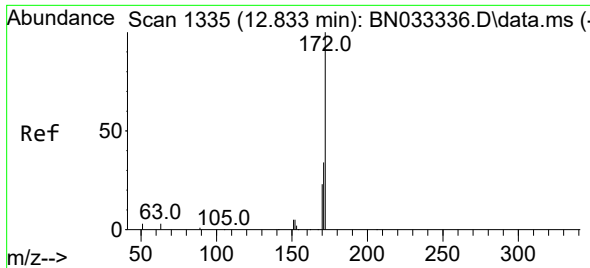
Ion Ratio Lower Upper

330 100

332 94.1 77.1 115.7

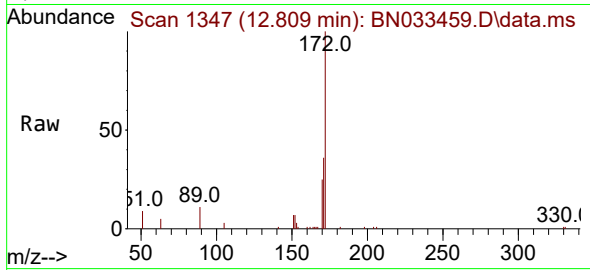
141 40.6 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.809 min Scan# 11890
Delta R.T. -0.011 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

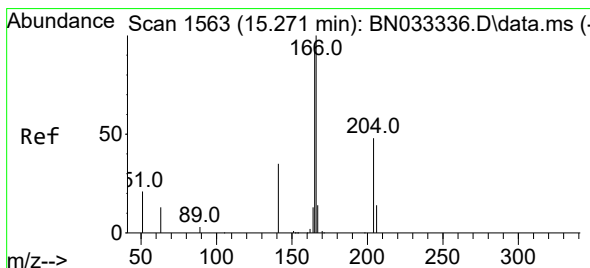
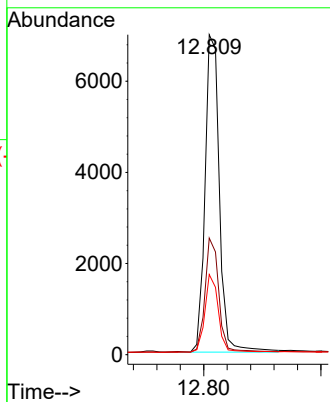
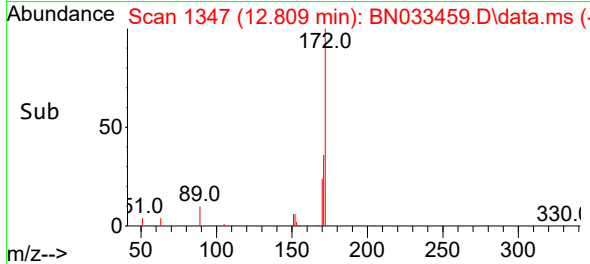
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD



Tgt Ion:172 Resp: 11890
Ion Ratio Lower Upper
172 100
171 36.5 27.8 41.8
170 25.0 18.7 28.1

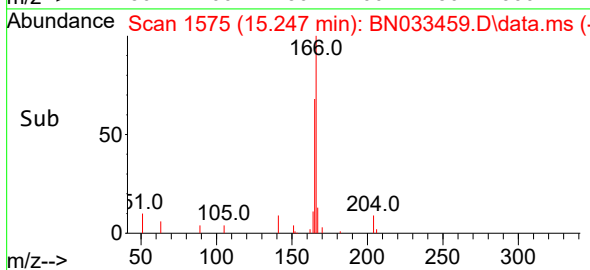
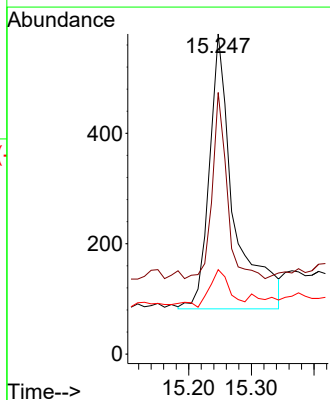
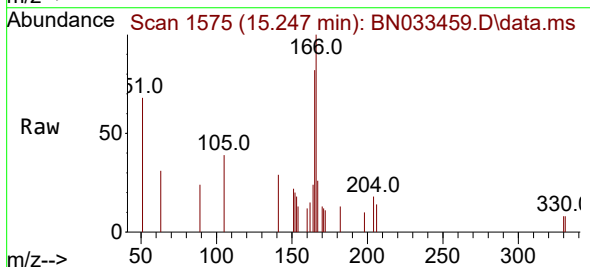
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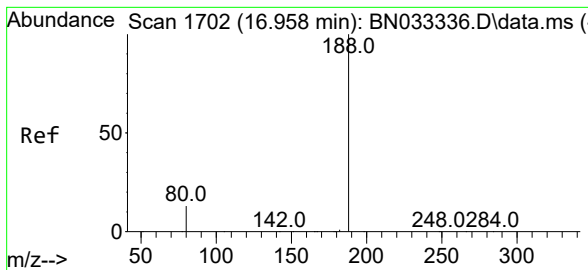
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Fluorene
Concen: 0.035 ng m
RT: 15.247 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

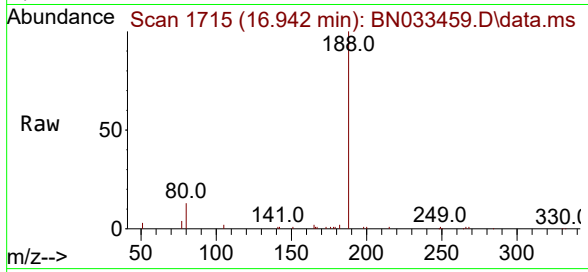
Tgt Ion:166 Resp: 1359
Ion Ratio Lower Upper
166 100
165 40.0 78.0 117.0#
167 10.9 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.013 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

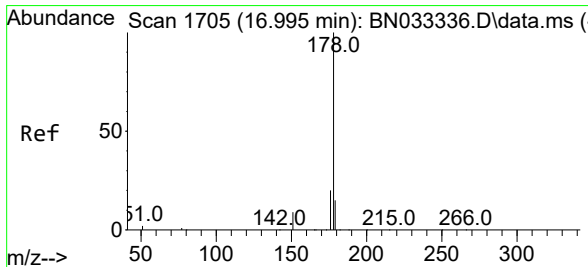
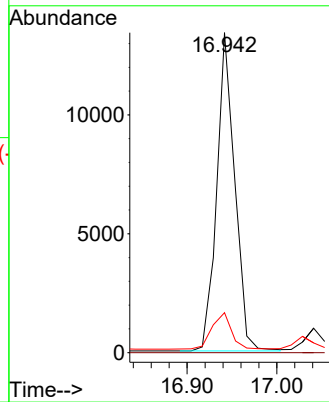
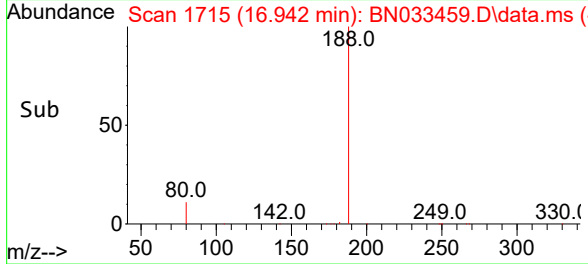
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD



Tgt Ion:188 Resp: 18678
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 10.7 16.1

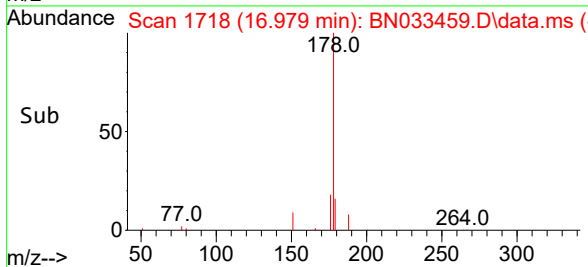
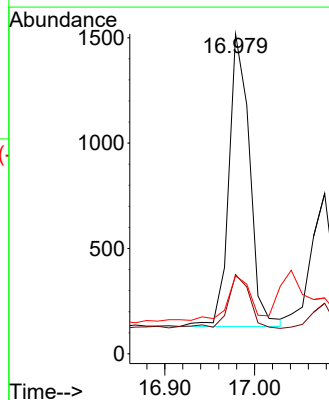
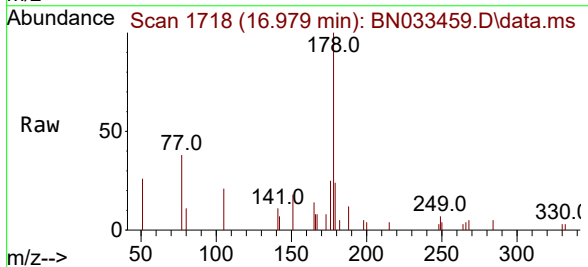
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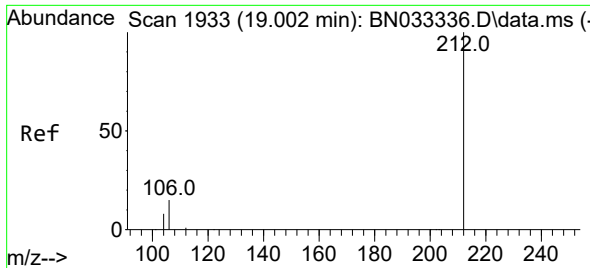
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#25
Phenanthrene
Concen: 0.041 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.013 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

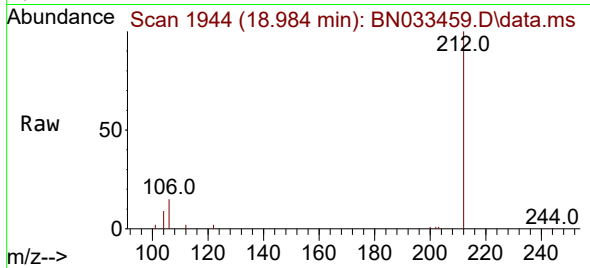
Tgt Ion:178 Resp: 2226
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.9 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

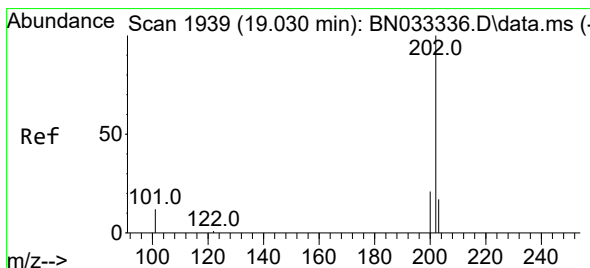
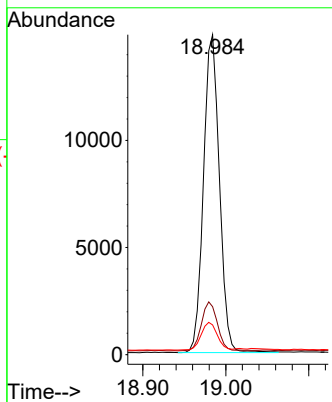
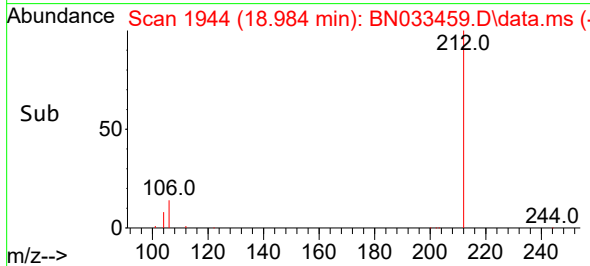
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD



Tgt Ion:212 Resp: 1982
Ion Ratio Lower Upper
212 100
106 15.6 12.8 19.2
104 8.7 7.1 10.7

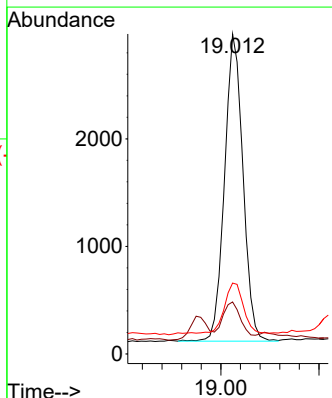
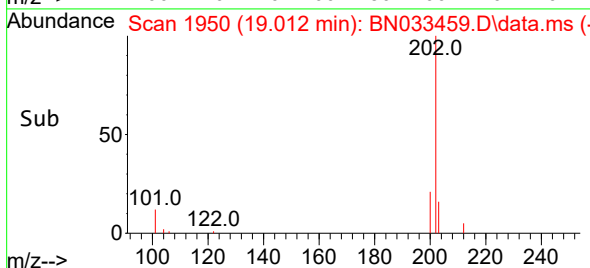
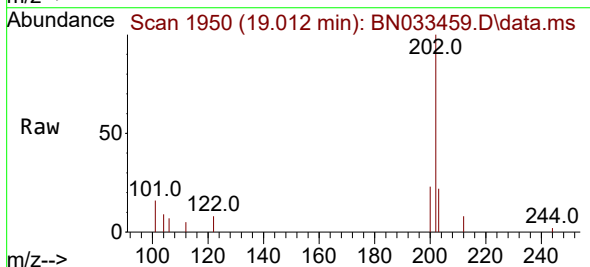
Manual Integrations
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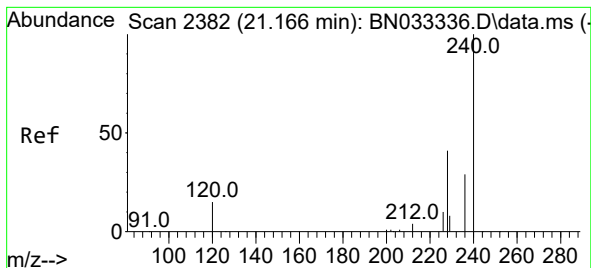
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#28
Fluoranthene
Concen: 0.056 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

Tgt Ion:202 Resp: 3726
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.6
203 18.9 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: BN033459.D

Acq: 17 Aug 2024 09:04

Instrument :

BNA_N

ClientSampleId :

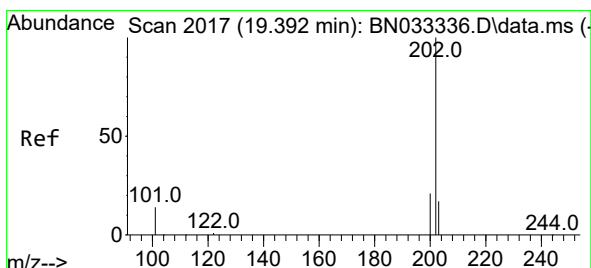
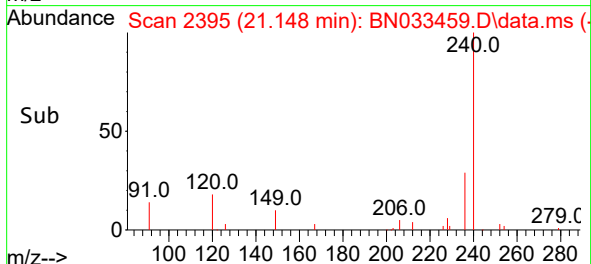
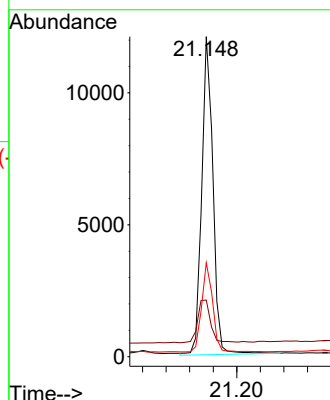
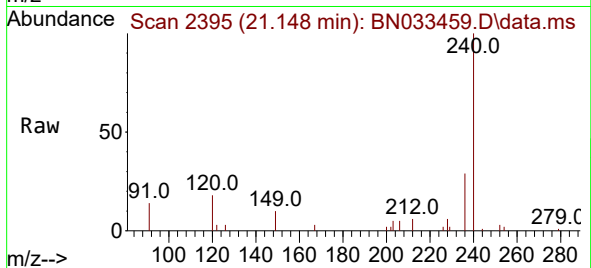
918-J-WS-081324-FD

Tgt Ion:240	Resp:	1592
Ion Ratio	Lower	Upper
240	100	
120	17.7	13.0 19.6
236	29.4	23.2 34.8

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



#30

Pyrene

Concen: 0.038 ng

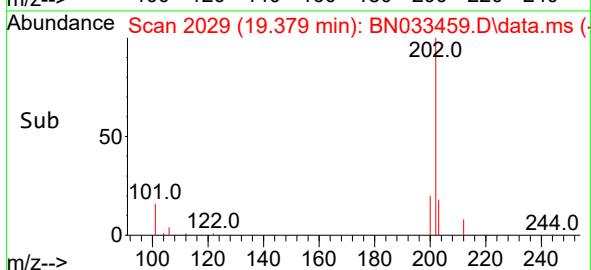
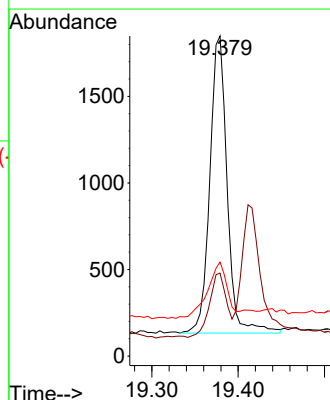
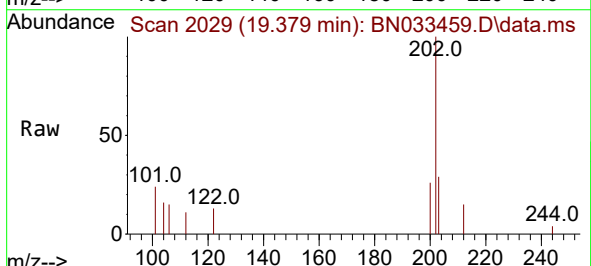
RT: 19.379 min Scan# 2029

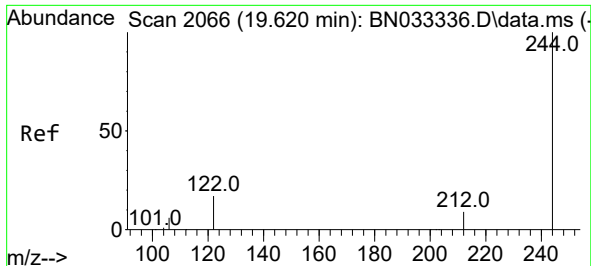
Delta R.T. -0.005 min

Lab File: BN033459.D

Acq: 17 Aug 2024 09:04

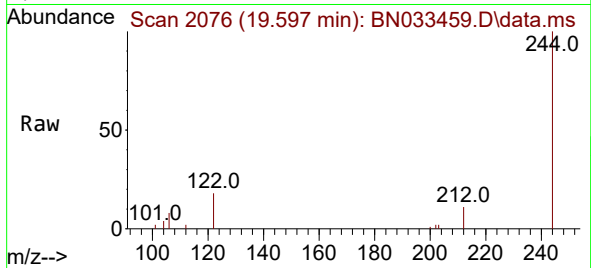
Tgt Ion:202	Resp:	2399
Ion Ratio	Lower	Upper
202	100	
200	21.5	16.7 25.1
203	21.8	14.2 21.4





#31
Terphenyl-d14
Concen: 0.486 ng
RT: 19.597 min Scan# 2066
Delta R.T. -0.009 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

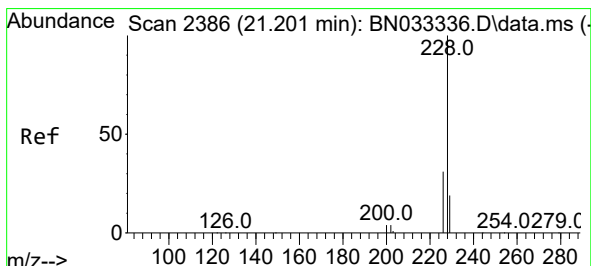
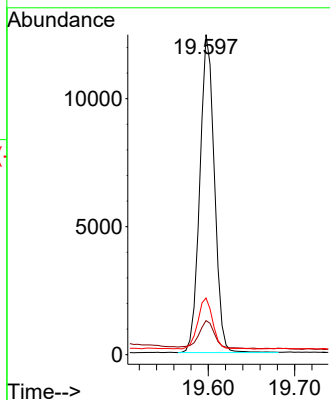
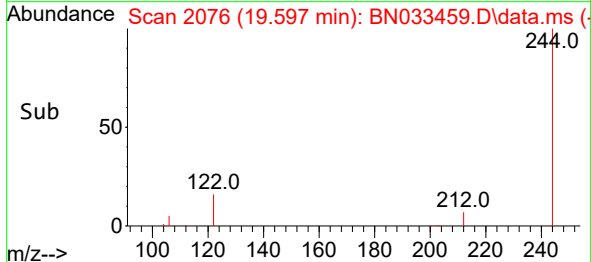
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD



Tgt Ion:244 Resp: 1460
Ion Ratio Lower Upper
244 100
212 10.7 7.7 11.5
122 17.7 14.0 21.0

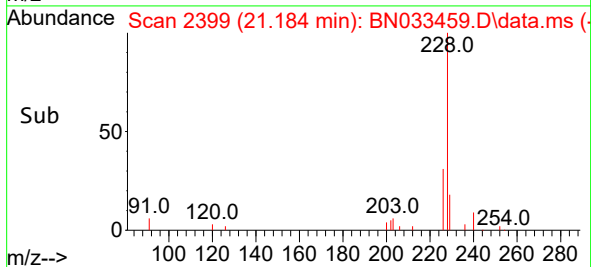
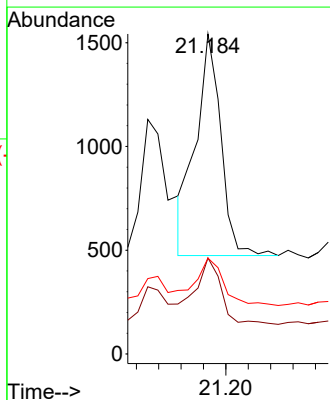
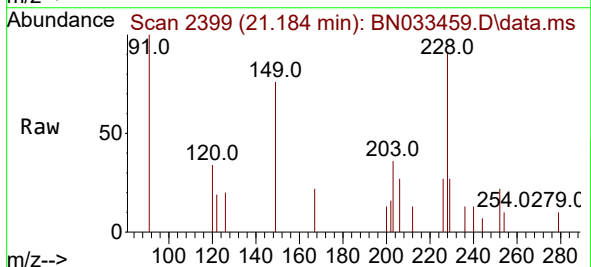
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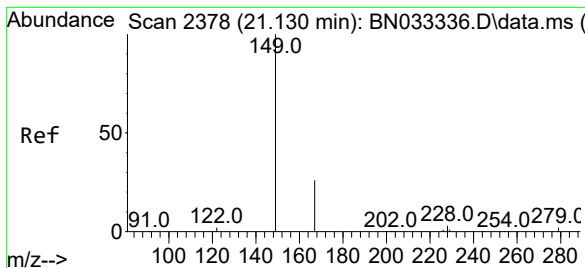
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#33
Chrysene
Concen: 0.028 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.009 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

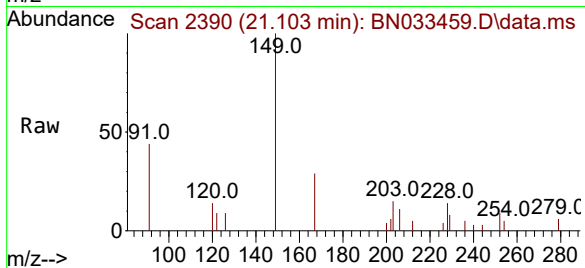
Tgt Ion:228 Resp: 1666
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 30.0 15.4 23.2#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 21.103 min Scan# 21103
Delta R.T. -0.009 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

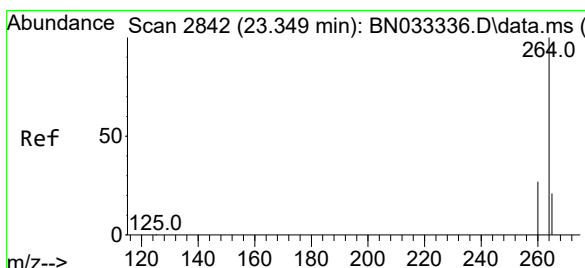
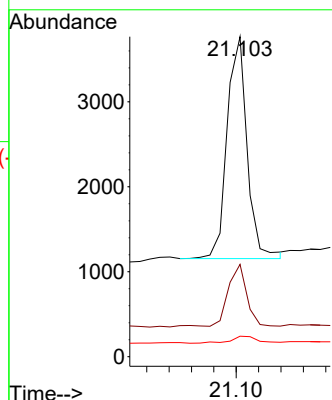
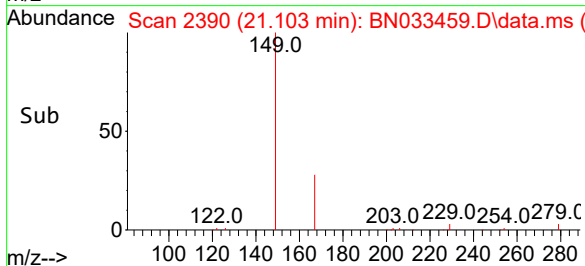
Instrument :
BNA_N
ClientSampleId :
918-J-WS-081324-FD



Tgt Ion:149 Resp: 325
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.3 2.2 3.4

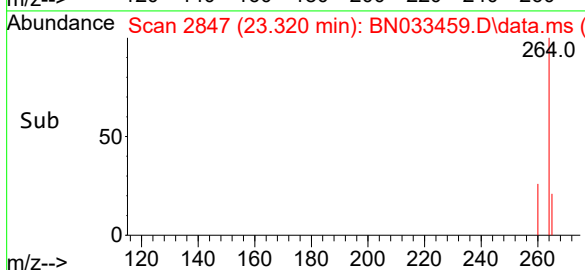
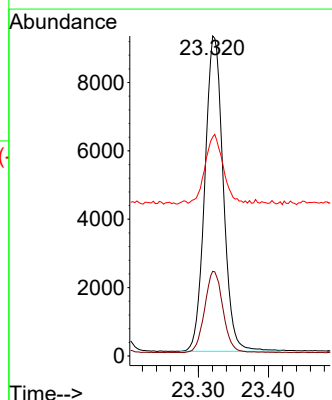
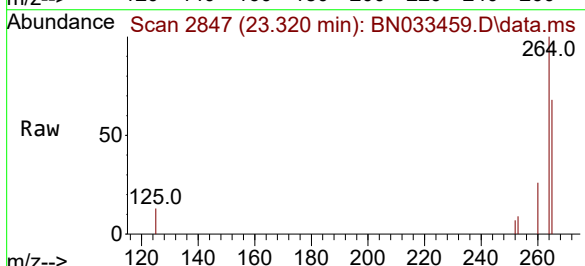
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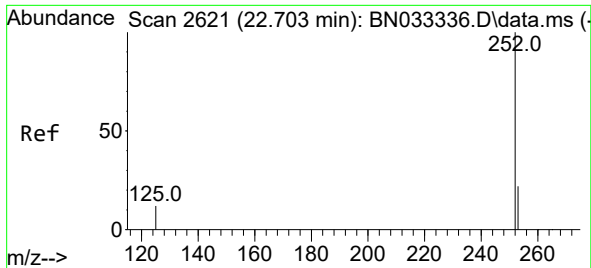
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.320 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

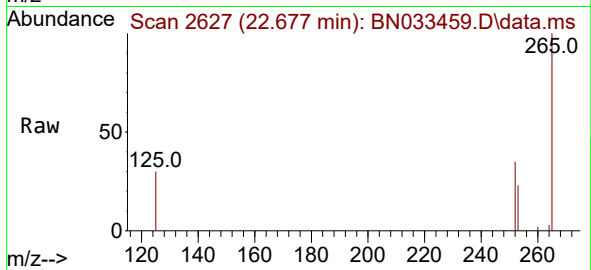
Tgt Ion:264 Resp: 16794
Ion Ratio Lower Upper
264 100
260 26.4 21.6 32.4
265 68.4 29.3 43.9





#37
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 22.677 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN033459.D
Acq: 17 Aug 2024 09:04

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



Tgt Ion:252 Resp: 163
Ion Ratio Lower Upper
252 100
253 65.7 18.2 27.2
125 86.1 11.3 16.9

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

