

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033536.D
 Acq On : 21 Aug 2024 10:40
 Operator : MA/JU
 Sample : P3643-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 921-J-SD-0.5-1-081524-FD

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 11:26:36 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	10059	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	26280	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	12154	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	23082	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	18303	0.400	ng	0.00
35) Perylene-d12	23.312	264	19480	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3534	0.111	ng	0.00
5) Phenol-d6	6.736	99	4345	0.114	ng	0.00
8) Nitrobenzene-d5	8.681	82	2817	0.129	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	4779	0.127	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	608	0.093	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	6714	0.135	ng	-0.01
27) Fluoranthene-d10	18.975	212	7165	0.129	ng	0.00
31) Terphenyl-d14	19.588	244	4838	0.116	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.357	128	3008	0.043	ng	# 94
12) 2-Methylnaphthalene	11.983	142	3665	0.082	ng	98
17) Acenaphthene	14.242	154	22503	0.600	ng	97
18) Fluorene	15.236	166	18443	0.390	ng	99
25) Phenanthrene	16.979	178	227824	3.548	ng	100
26) Anthracene	17.066	178	61292	1.079	ng	98
28) Fluoranthene	19.003	202	309822	4.366	ng	100
30) Pyrene	19.370	202	265374	3.249	ng	# 94
32) Benzo(a)anthracene	21.121	228	132575	2.003	ng	98
33) Chrysene	21.175	228	114926	1.747	ng	97
34) Bis(2-ethylhexyl)phtha...	21.086	149	4020m	0.096	ng	
36) Indeno(1,2,3-cd)pyrene	25.461	276	62387	0.771	ng	95
37) Benzo(b)fluoranthene	22.668	252	144262	1.983	ng	# 95
38) Benzo(k)fluoranthene	22.706	252	50447m	0.705	ng	
39) Benzo(a)pyrene	23.218	252	106031m	1.762	ng	
40) Dibenzo(a,h)anthracene	25.469	278	14829	0.229	ng	94
41) Benzo(g,h,i)perylene	26.115	276	62037	0.897	ng	100

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

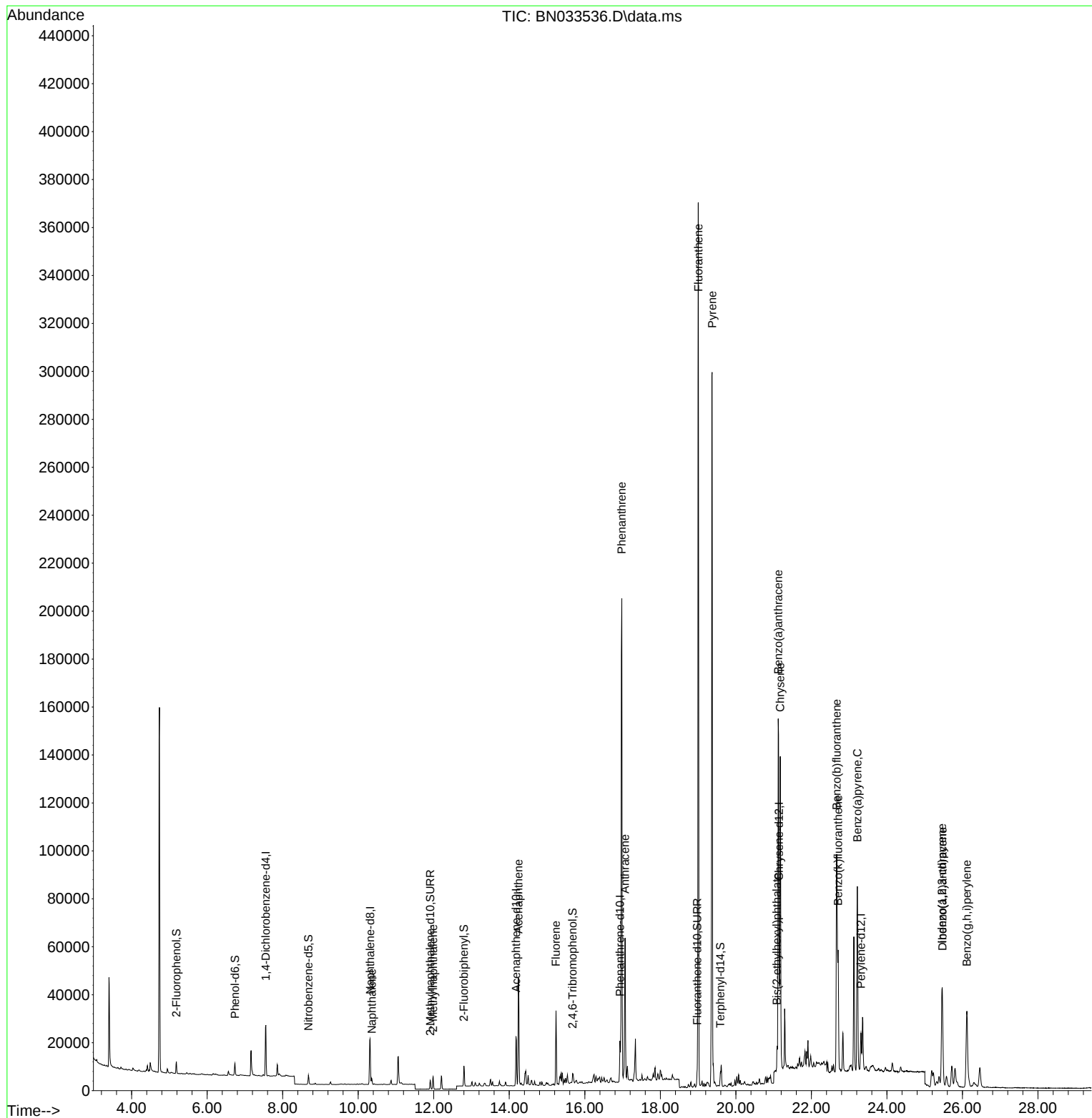
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
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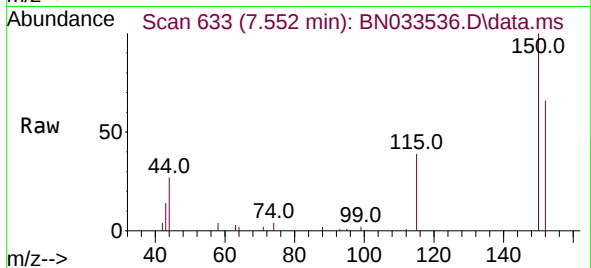
Quant Time: Aug 21 11:26:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

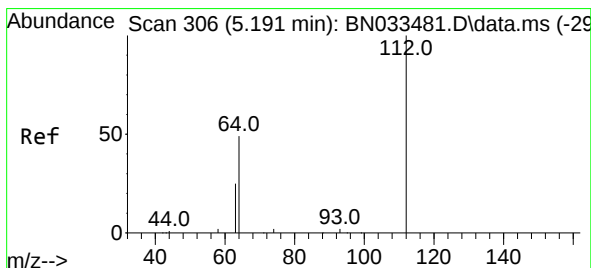
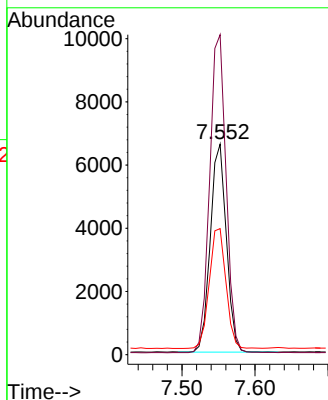
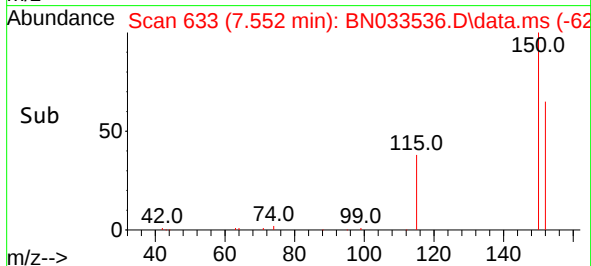
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



Tgt Ion:152 Resp: 1005
Ion Ratio Lower Upper
152 100
150 152.0 122.2 183.2
115 59.9 47.2 70.8

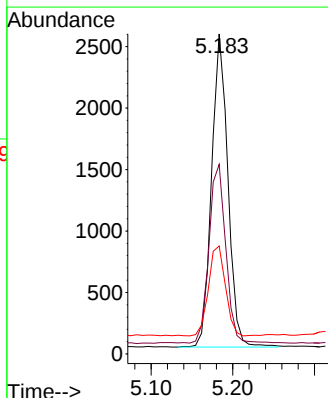
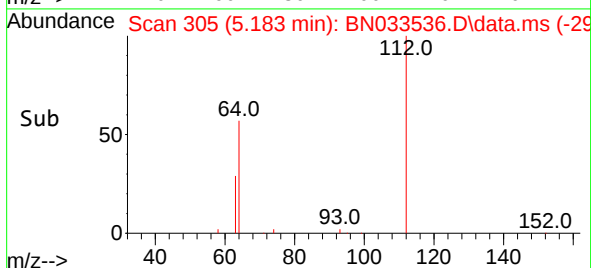
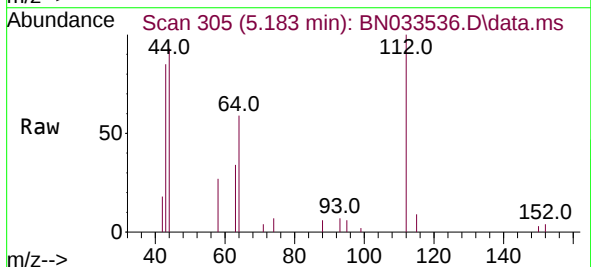
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Reviewed By :Yogesh Patel 08/22/2024
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#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

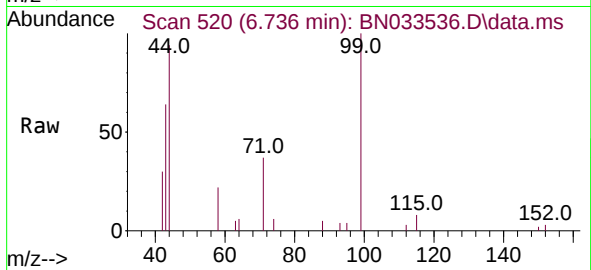
Tgt Ion:112 Resp: 3534
Ion Ratio Lower Upper
112 100
64 58.7 47.1 70.7
63 29.9 24.9 37.3





#5
Phenol-d6
Concen: 0.114 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

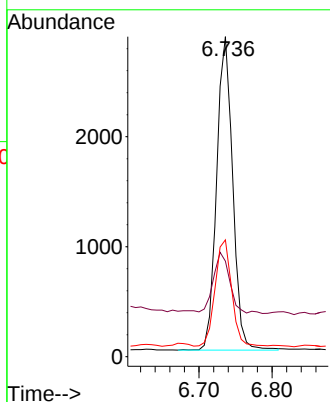
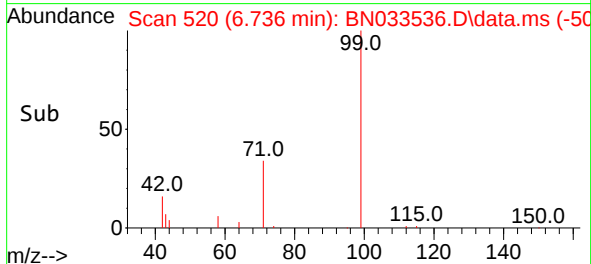
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



Tgt Ion: 99 Resp: 434
Ion Ratio Lower Upper
99 100
42 20.0 16.6 24.8
71 34.9 26.2 39.4

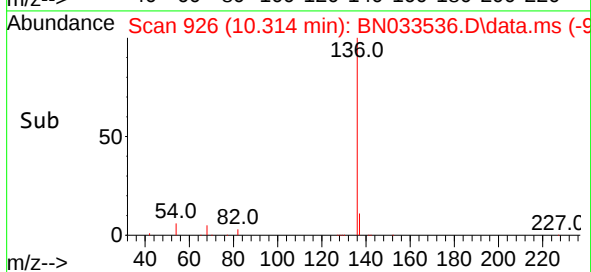
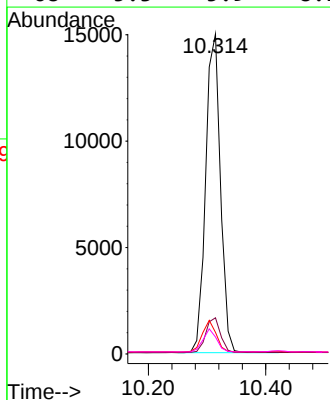
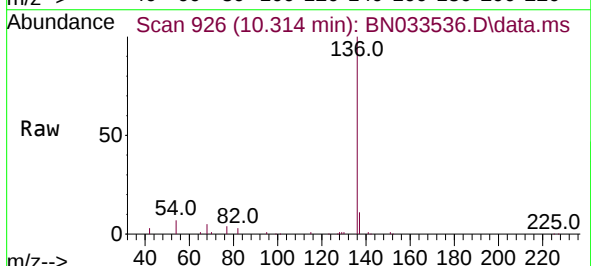
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. 0.000 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

Tgt Ion:136 Resp: 26280
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.8 8.3 12.5#
68 5.3 5.9 8.9#





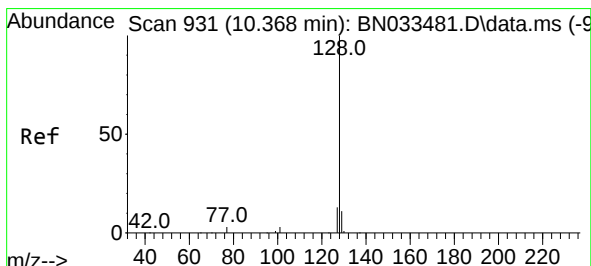
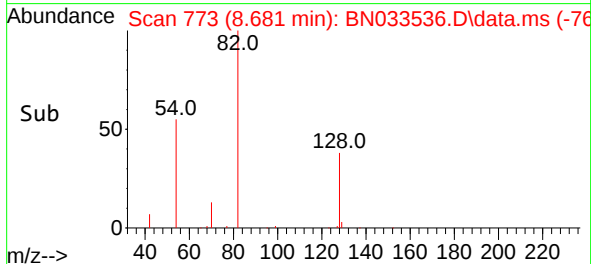
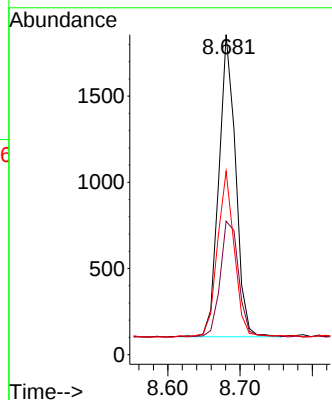
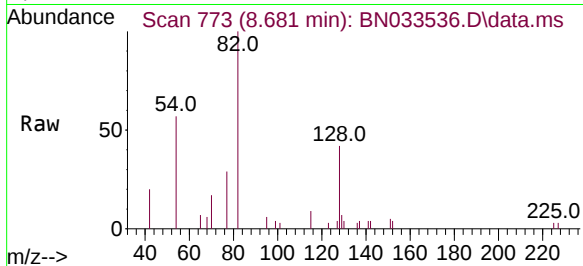
#8
Nitrobenzene-d5
Concen: 0.129 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD

Tgt Ion: 82 Resp: 281
Ion Ratio Lower Upper
82 100
128 41.7 36.0 54.0
54 57.4 42.0 63.0

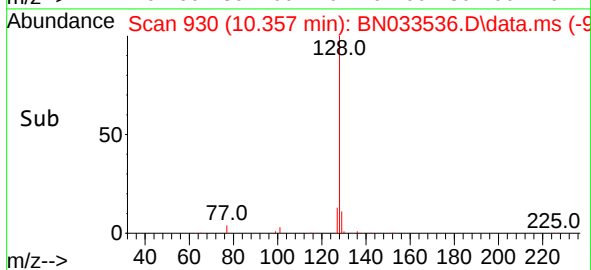
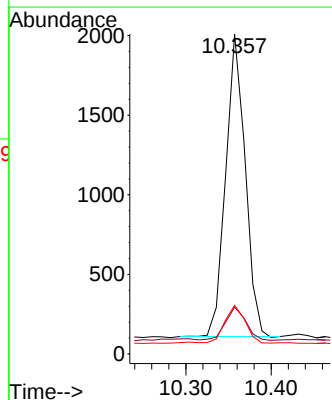
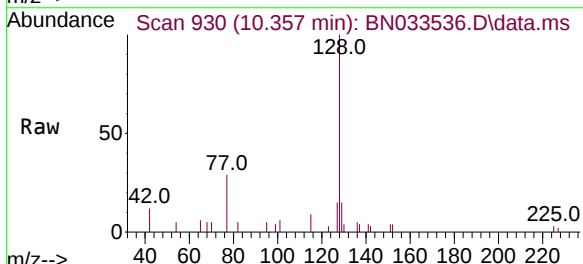
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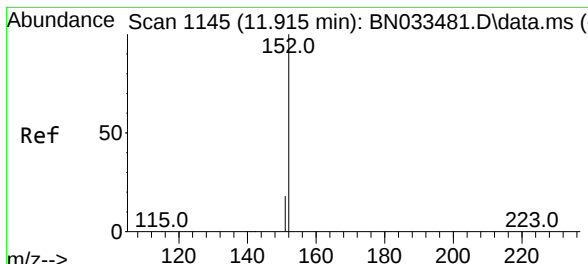
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#9
Naphthalene
Concen: 0.043 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.011 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

Tgt Ion:128 Resp: 3008
Ion Ratio Lower Upper
128 100
129 14.7 9.1 13.7#
127 15.2 10.7 16.1





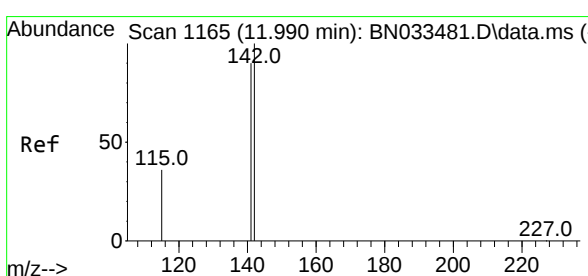
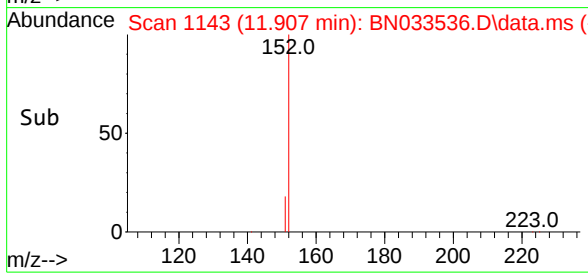
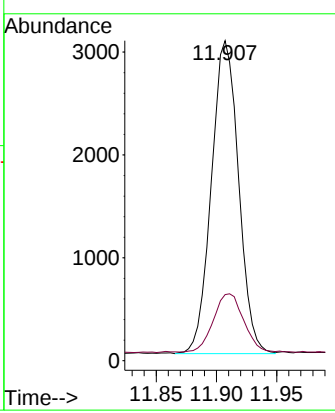
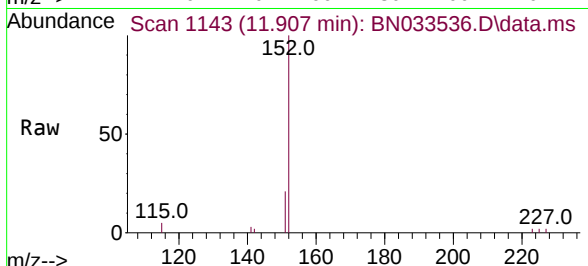
#11
 2-Methylnaphthalene-d10
 Concen: 0.127 ng
 RT: 11.907 min Scan# 1143
 Delta R.T. -0.008 min
 Lab File: BN033536.D
 Acq: 21 Aug 2024 10:40

Instrument : BNA_N
 ClientSampleId : 921-J-SD-0.5-1-081524-FD

Tgt Ion:152 Resp: 4779

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0

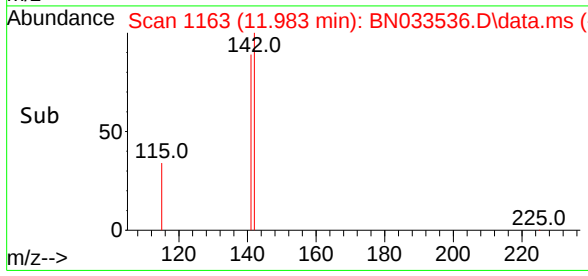
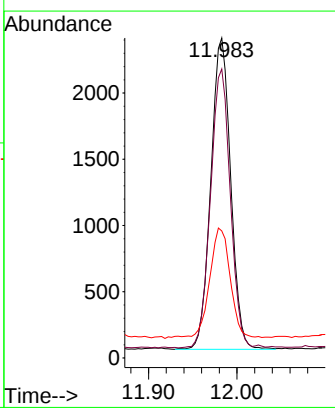
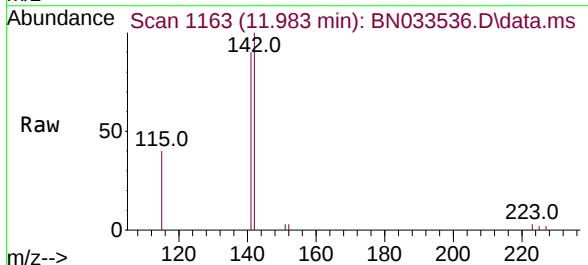
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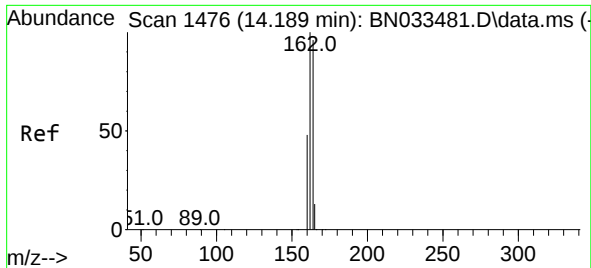


#12
 2-Methylnaphthalene
 Concen: 0.082 ng
 RT: 11.983 min Scan# 1163
 Delta R.T. -0.008 min
 Lab File: BN033536.D
 Acq: 21 Aug 2024 10:40

Tgt Ion:142 Resp: 3665

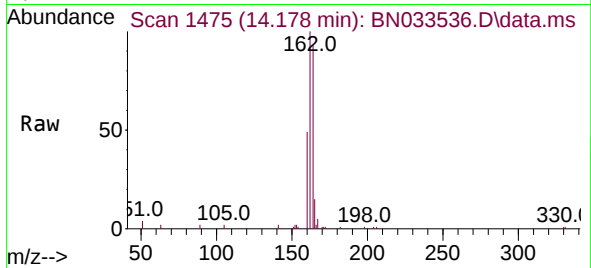
Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.7	107.5
115	39.7	29.4	44.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

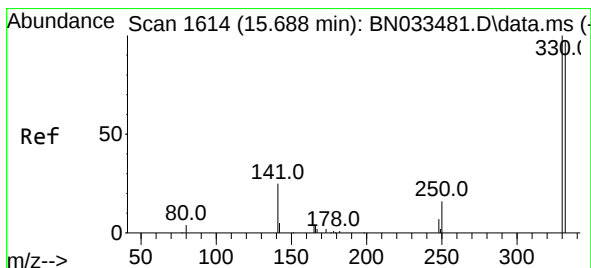
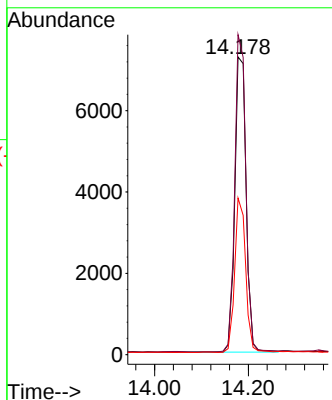
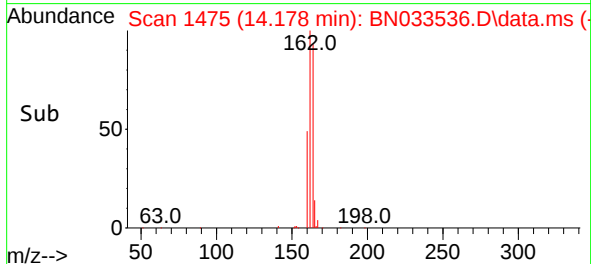
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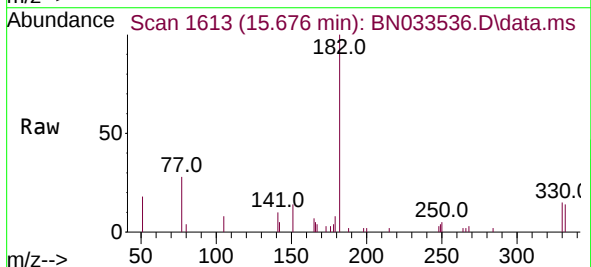
Tgt Ion:164 Resp: 12154
Ion Ratio Lower Upper
164 100
162 107.4 83.5 125.3
160 52.6 40.2 60.4

Manual Integrations
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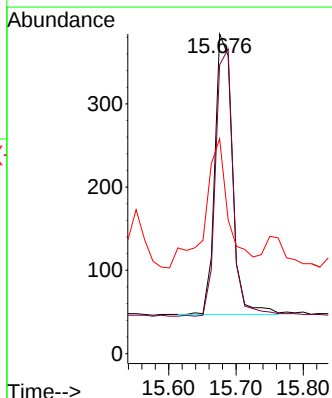
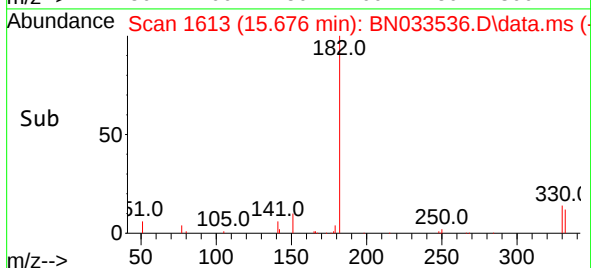
Reviewed By :Yogesh Patel 08/22/2024
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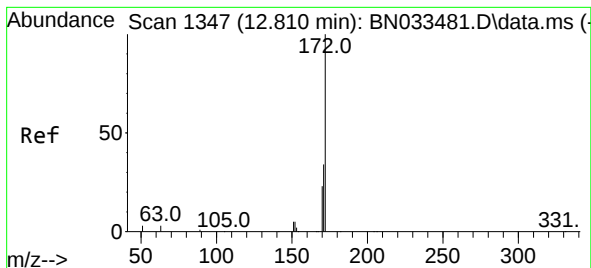


#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40



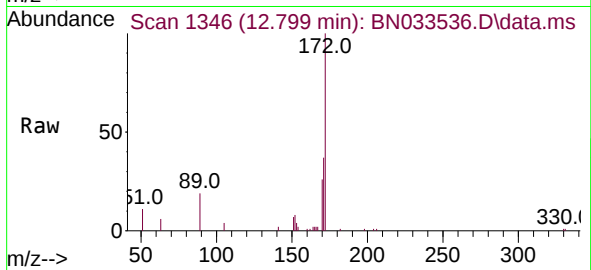
Tgt Ion:330 Resp: 608
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 61.3 33.9 50.9#





#15
2-Fluorobiphenyl
Concen: 0.135 ng
RT: 12.799 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

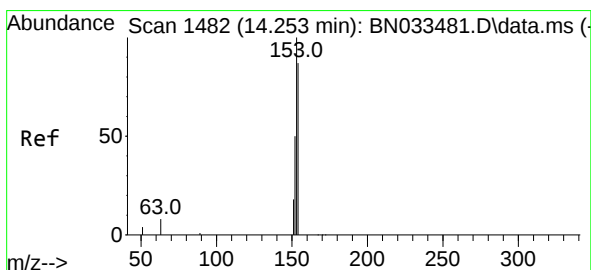
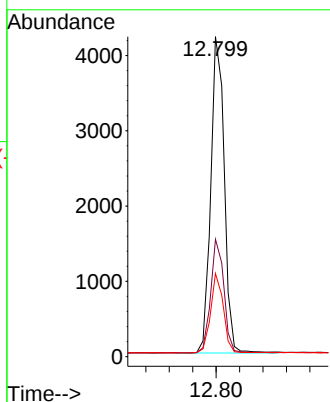
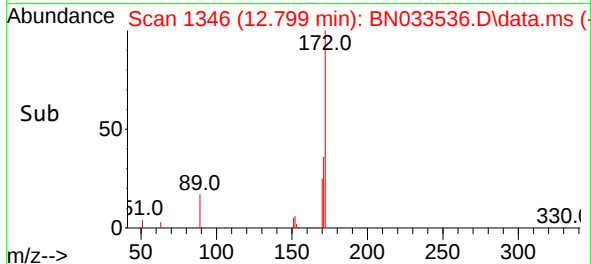
Instrument :
BNA_N
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921-J-SD-0.5-1-081524-FD



Tgt Ion:172 Resp: 6714
Ion Ratio Lower Upper
172 100
171 36.7 27.7 41.5
170 26.0 18.3 27.5

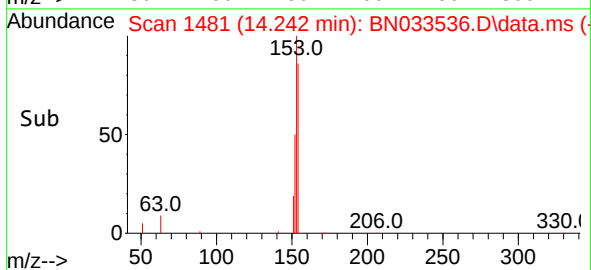
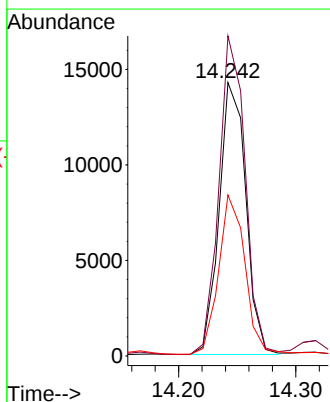
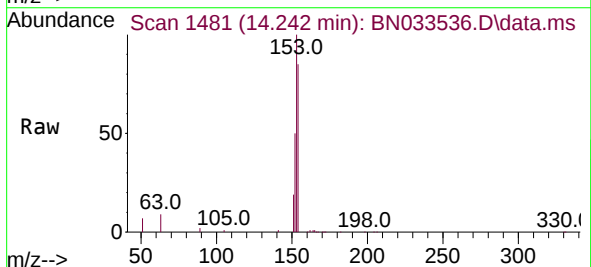
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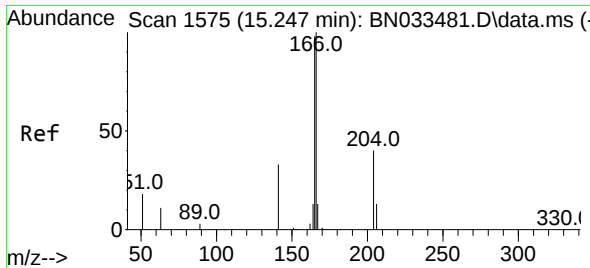
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#17
Acenaphthene
Concen: 0.600 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.011 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

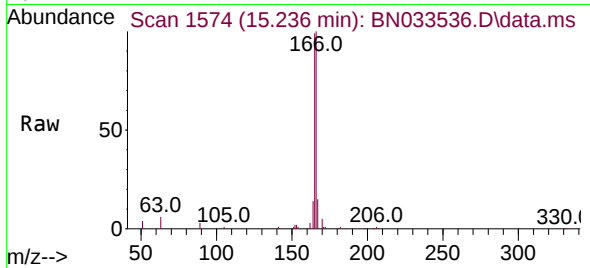
Tgt Ion:154 Resp: 22503
Ion Ratio Lower Upper
154 100
153 115.4 89.0 133.6
152 57.7 45.2 67.8





#18
Fluorene
Concen: 0.390 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

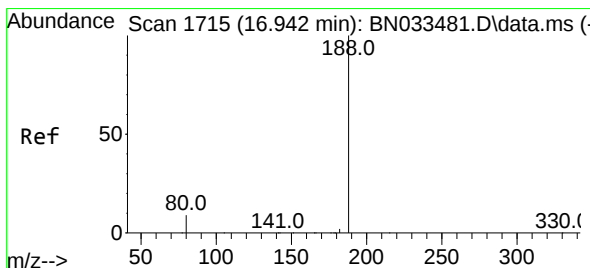
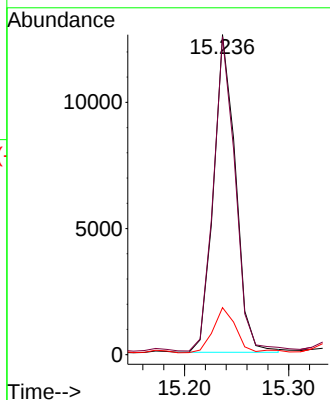
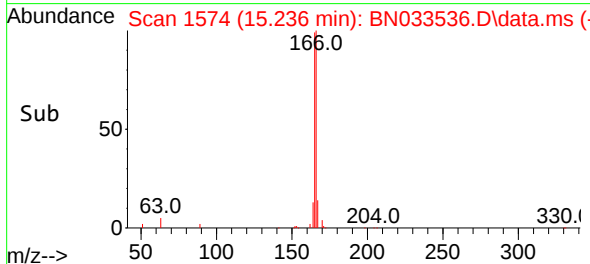
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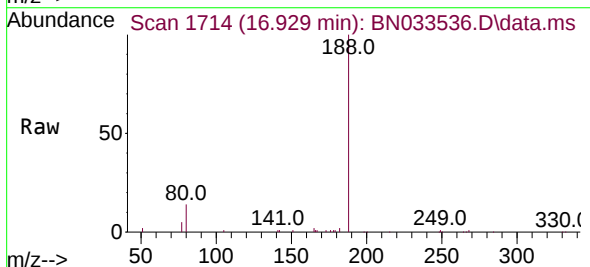
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Ion Ratio Lower Upper
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165 97.8 78.2 117.4
167 15.1 10.6 16.0

Manual Integrations
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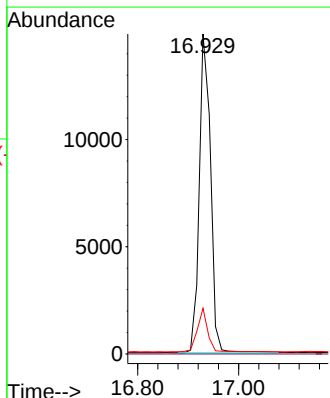
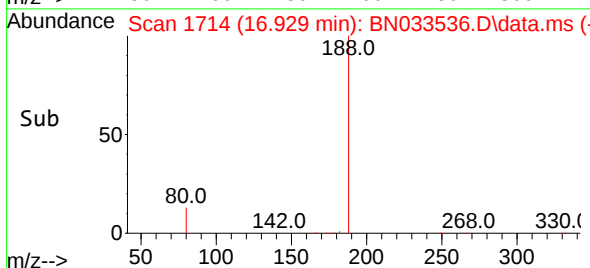
Reviewed By :Yogesh Patel 08/22/2024
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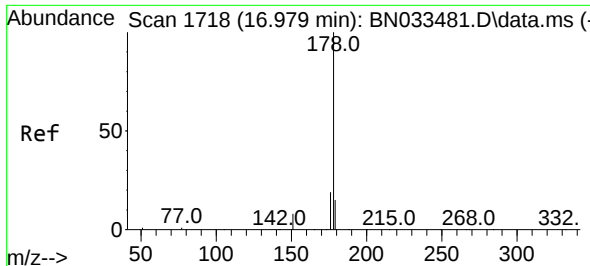


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40



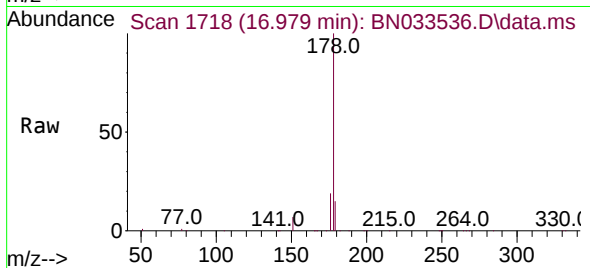
Tgt Ion:188 Resp: 23082
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.8 11.8





#25
Phenanthrene
Concen: 3.548 ng
RT: 16.979 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

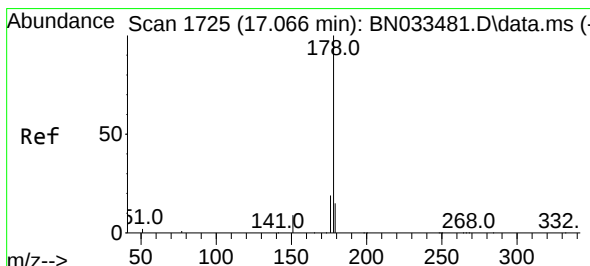
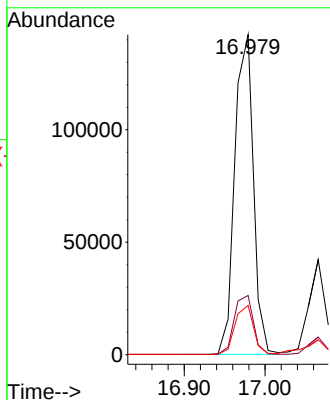
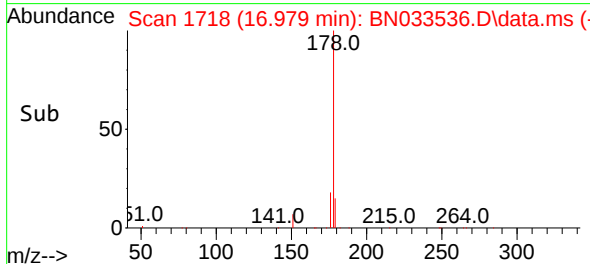
Instrument : BNA_N
ClientSampleId : 921-J-SD-0.5-1-081524-FD



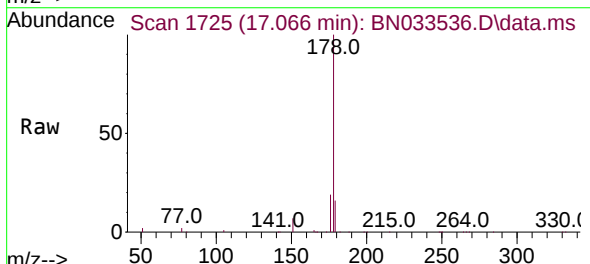
Tgt Ion:178 Resp: 227824
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 12.3 18.5

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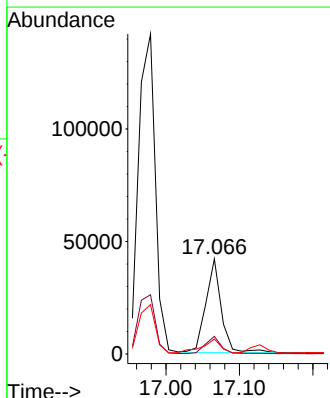
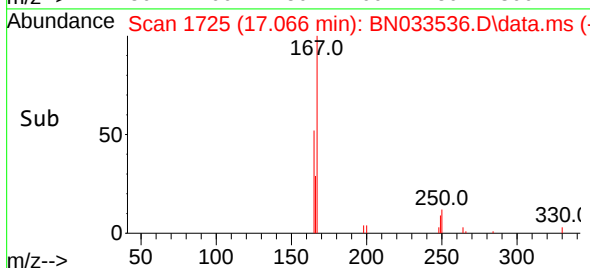
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

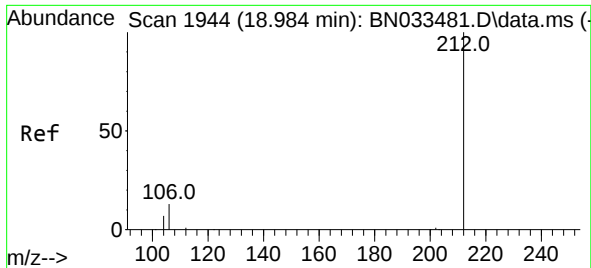


#26
Anthracene
Concen: 1.079 ng
RT: 17.066 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40



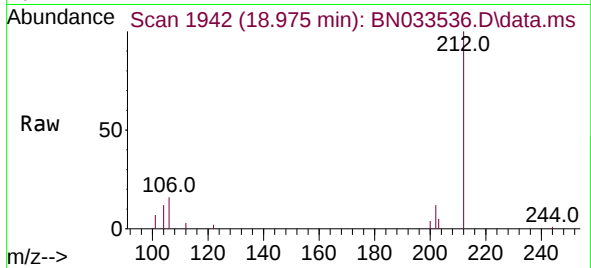
Tgt Ion:178 Resp: 61292
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 17.1 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.129 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

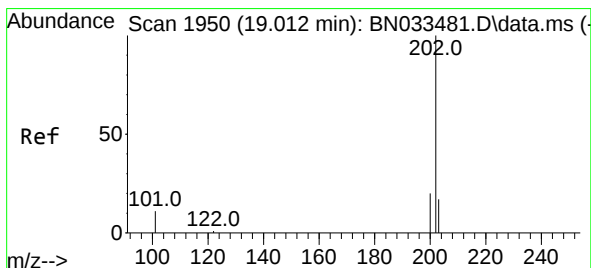
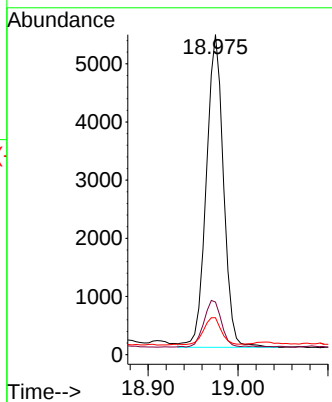
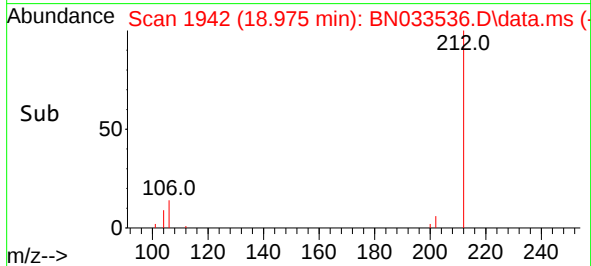
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



Tgt Ion:212 Resp: 716
Ion Ratio Lower Upper
212 100
106 15.1 12.3 18.5
104 9.2 7.0 10.4

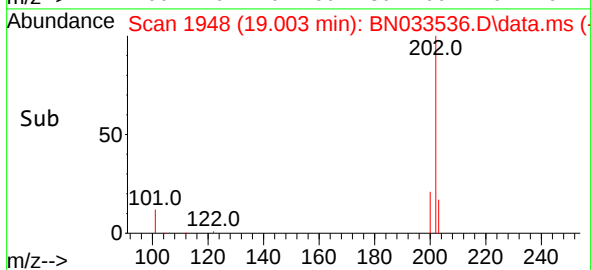
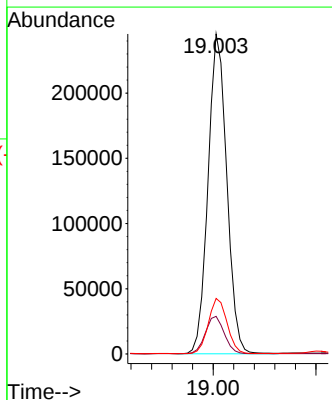
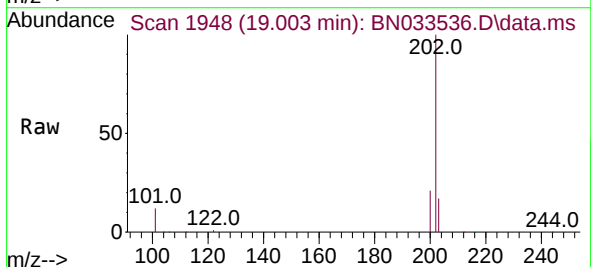
Manual Integrations
APPROVED

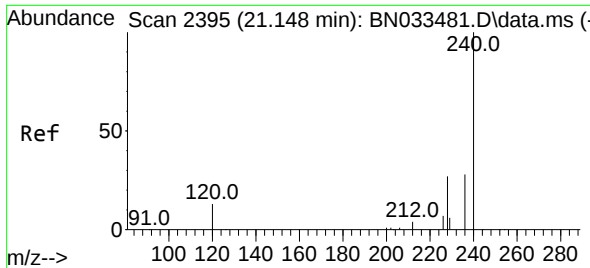
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#28
Fluoranthene
Concen: 4.366 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

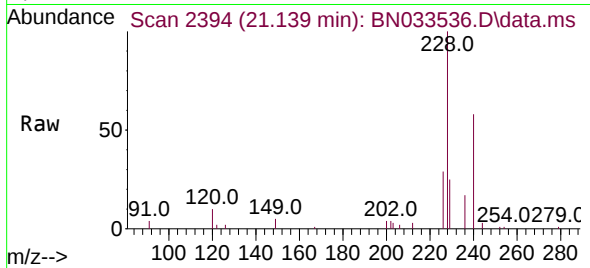
Tgt Ion:202 Resp: 309822
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
203 17.4 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

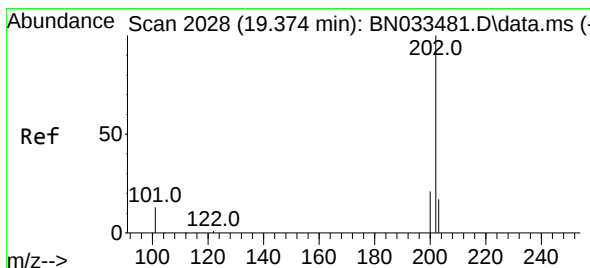
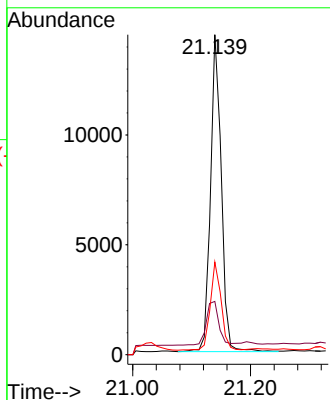
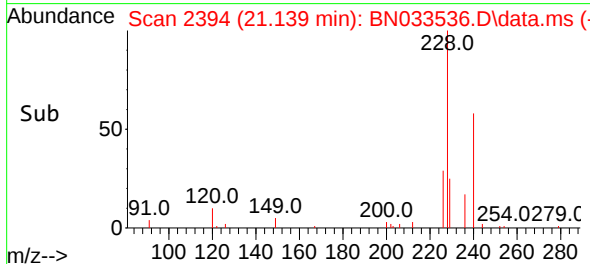
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



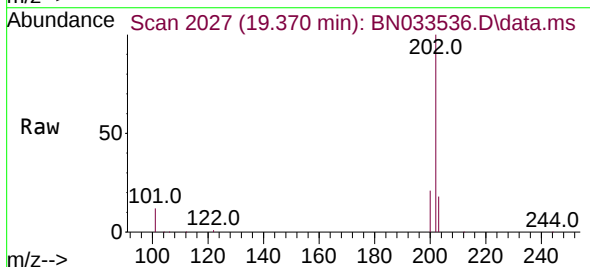
Tgt Ion:240 Resp: 1830
Ion Ratio Lower Upper
240 100
120 16.7 12.4 18.6
236 29.0 23.0 34.6

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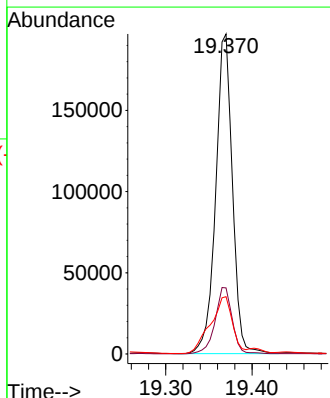
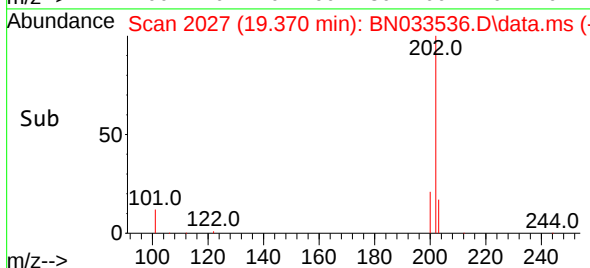
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

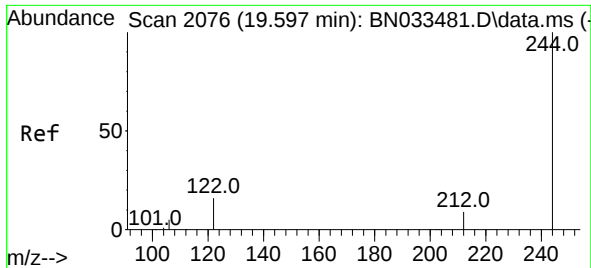


#30
Pyrene
Concen: 3.249 ng
RT: 19.370 min Scan# 2027
Delta R.T. -0.005 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40



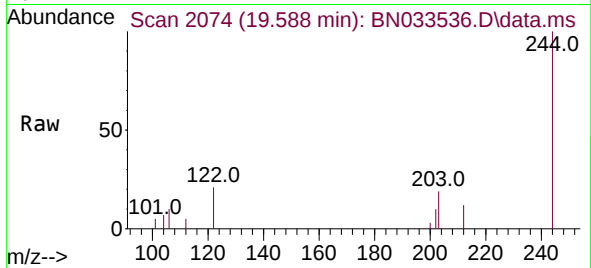
Tgt Ion:202 Resp: 265374
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 23.4 14.2 21.4#





#31
Terphenyl-d14
Concen: 0.116 ng
RT: 19.588 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

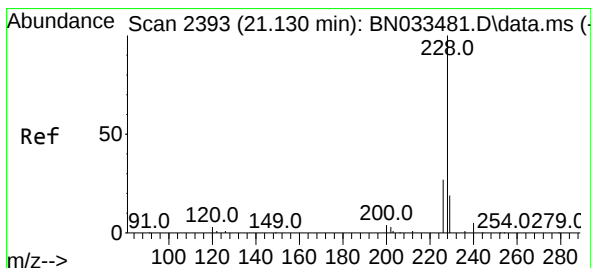
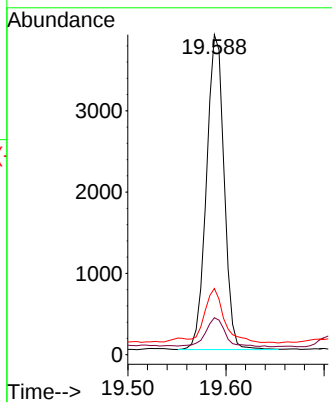
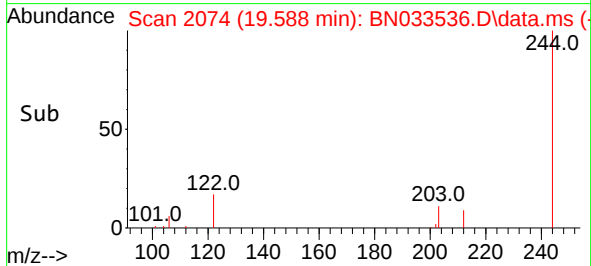
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



Tgt Ion:244 Resp: 4838
Ion Ratio Lower Upper
244 100
212 11.5 7.8 11.6
122 20.7 13.3 19.9

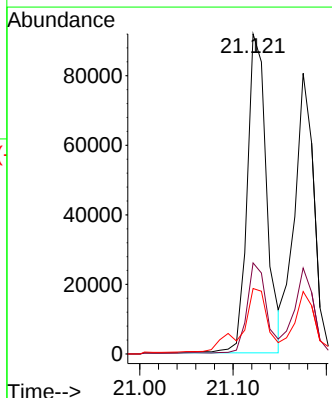
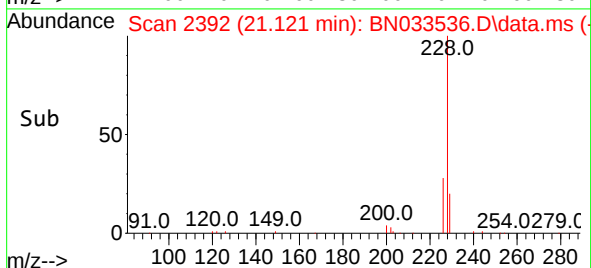
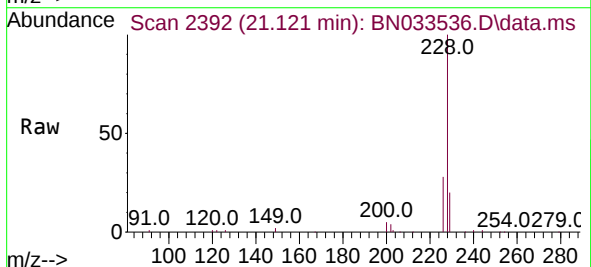
Manual Integrations
APPROVED

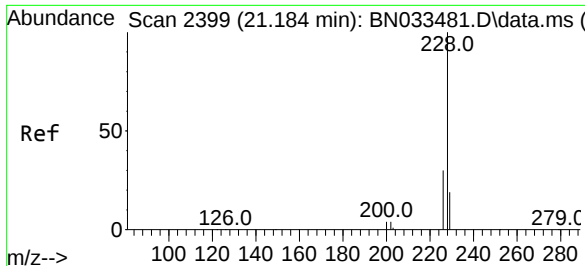
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#32
Benzo(a)anthracene
Concen: 2.003 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

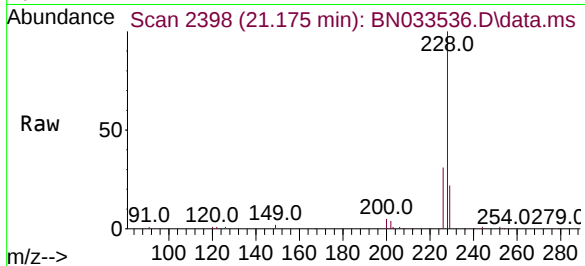
Tgt Ion:228 Resp: 132575
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.6
229 20.4 15.8 23.6





#33
Chrysene
Concen: 1.747 ng
RT: 21.175 min Scan# 2114
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

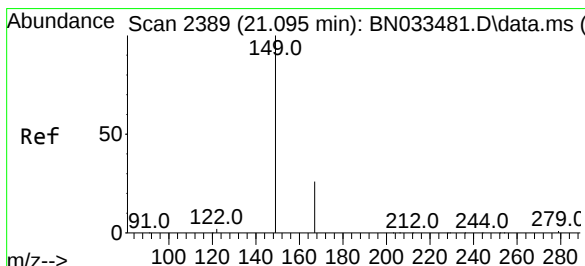
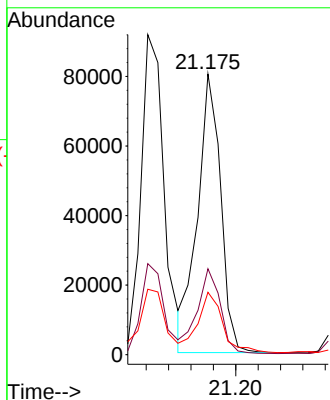
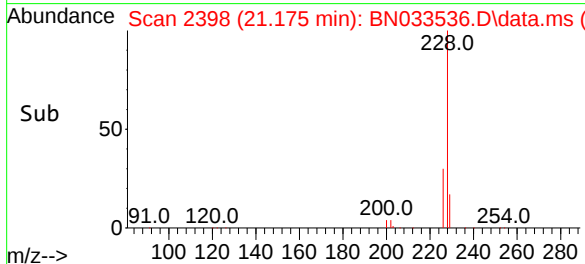
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



Tgt Ion:228 Resp: 114920
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 22.3 15.6 23.4

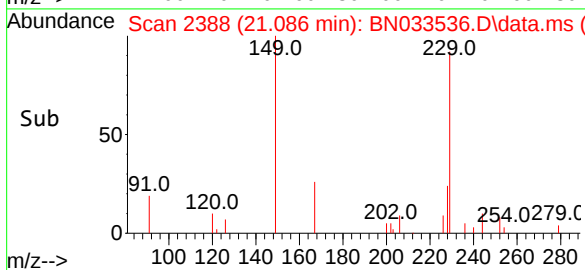
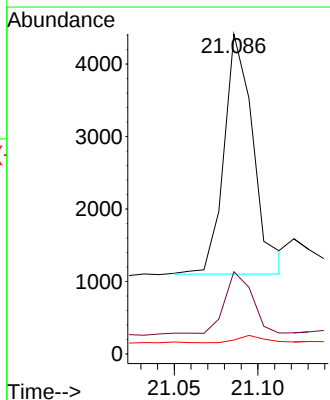
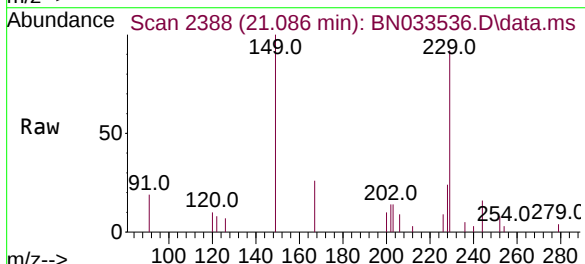
Manual Integrations
APPROVED

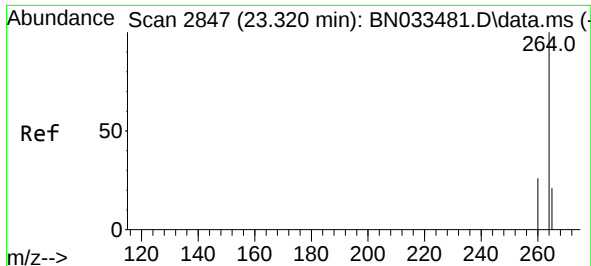
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng m
RT: 21.086 min Scan# 2388
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

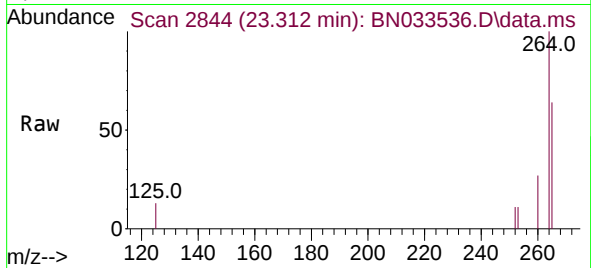
Tgt Ion:149 Resp: 4020
Ion Ratio Lower Upper
149 100
167 28.7 21.5 32.3
279 5.4 2.2 3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.312 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

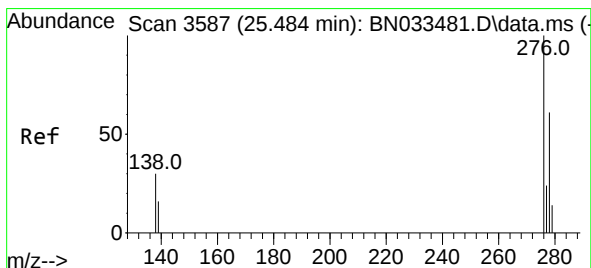
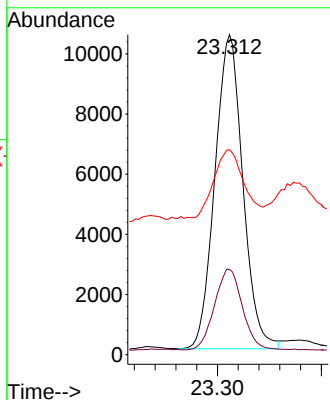
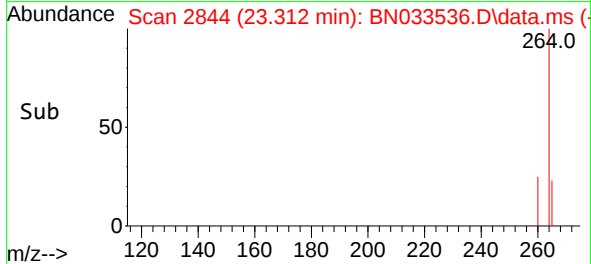
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



Tgt Ion:264 Resp: 19480
Ion Ratio Lower Upper
264 100
260 26.6 20.8 31.2
265 64.0 52.2 78.2

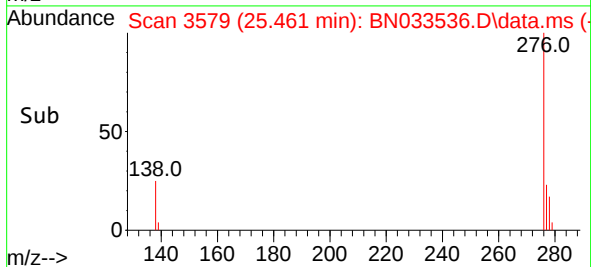
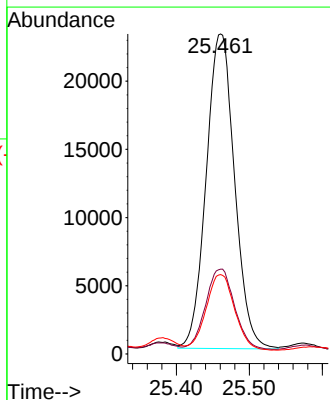
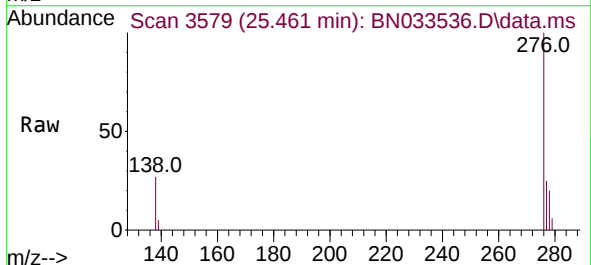
Manual Integrations
APPROVED

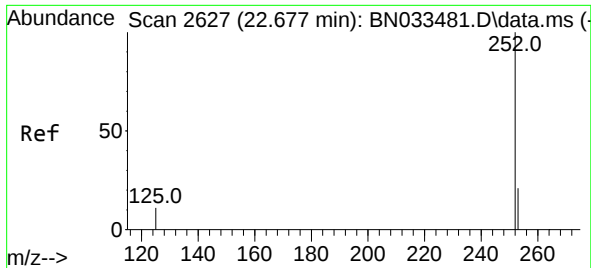
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.771 ng
RT: 25.461 min Scan# 3579
Delta R.T. -0.023 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

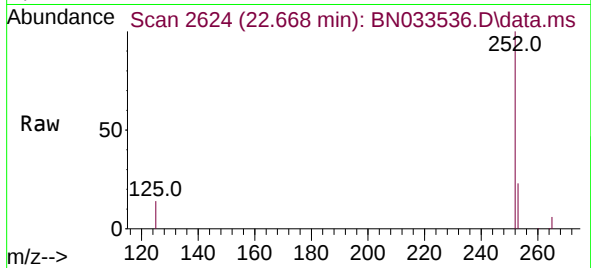
Tgt Ion:276 Resp: 62387
Ion Ratio Lower Upper
276 100
138 25.9 24.4 36.6
277 24.1 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 1.983 ng
RT: 22.668 min Scan# 2624
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

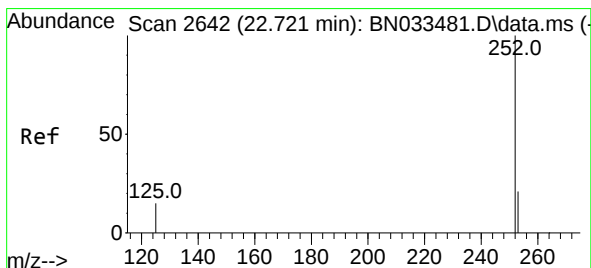
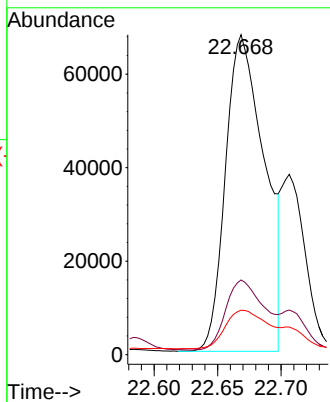
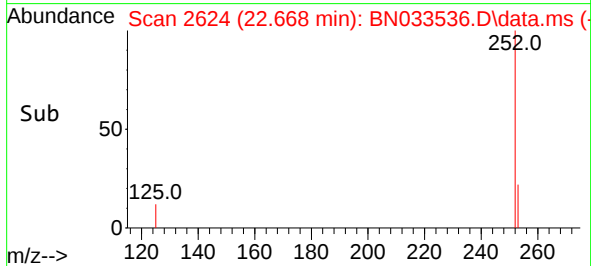
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



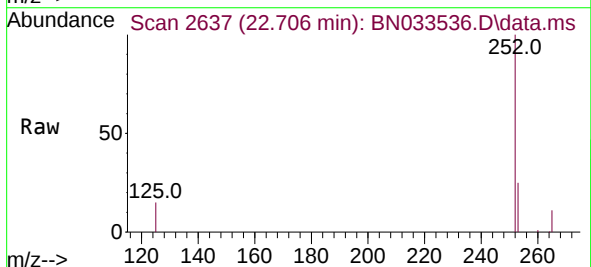
Tgt Ion:252 Resp: 14426
Ion Ratio Lower Upper
252 100
253 23.4 19.8 29.8
125 13.9 13.9 20.9

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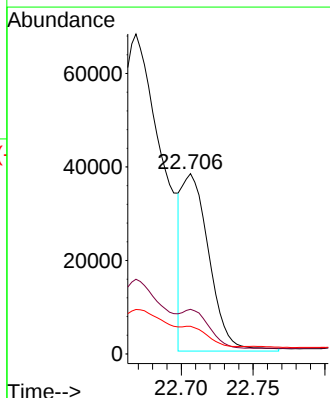
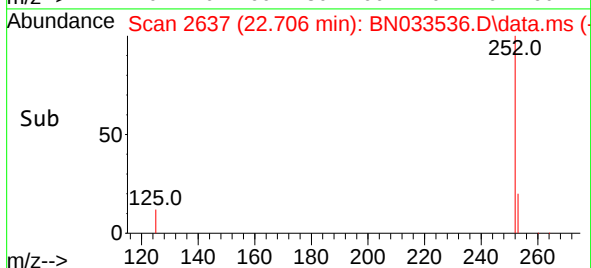
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

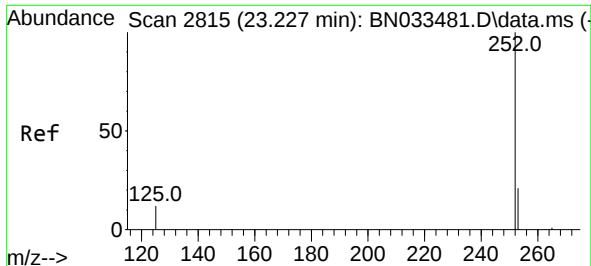


#38
Benzo(k)fluoranthene
Concen: 0.705 ng m
RT: 22.706 min Scan# 2637
Delta R.T. -0.015 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40



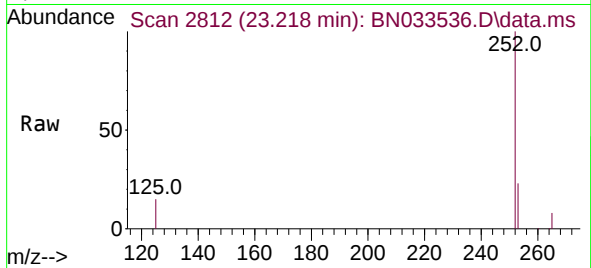
Tgt Ion:252 Resp: 50447
Ion Ratio Lower Upper
252 100
253 24.8 19.8 29.8
125 15.3 15.8 23.8





#39
Benzo(a)pyrene
Concen: 1.762 ng m
RT: 23.218 min Scan# 2812
Delta R.T. -0.009 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

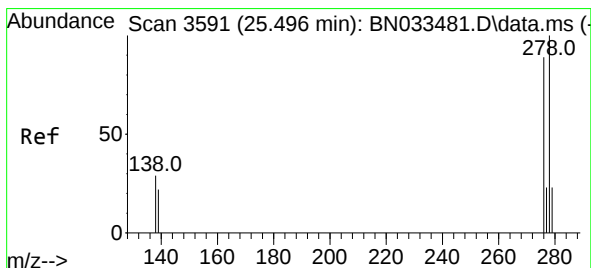
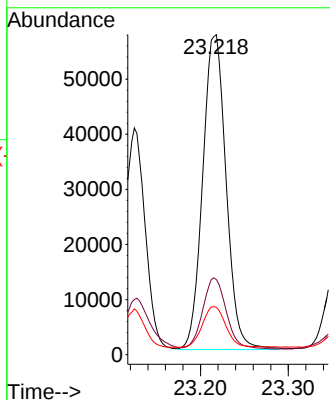
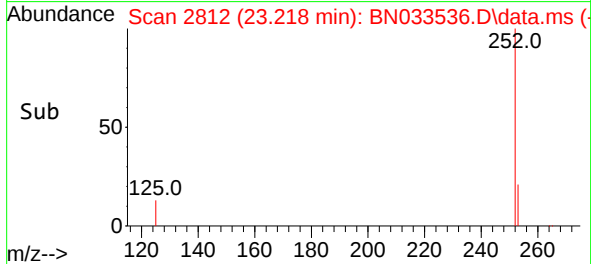
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



Tgt Ion:252 Resp: 10603
Ion Ratio Lower Upper
252 100
253 23.5 21.5 32.3
125 14.8 17.0 25.4

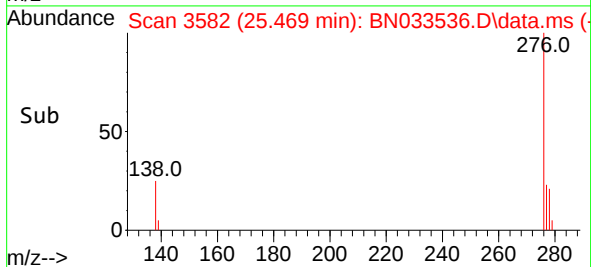
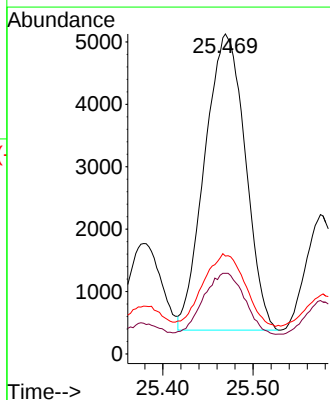
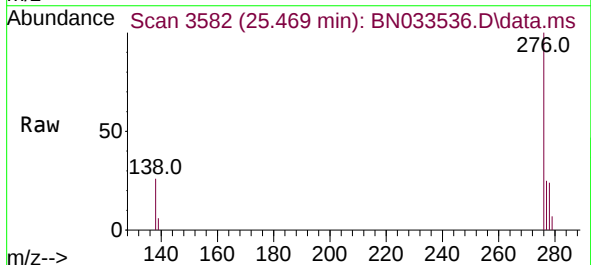
Manual Integrations
APPROVED

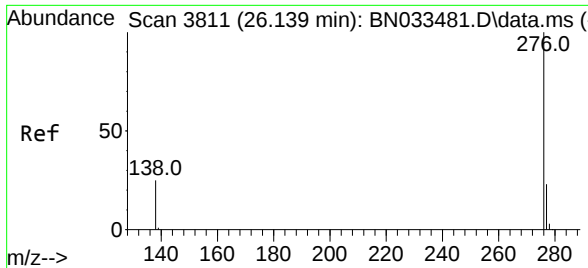
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.229 ng
RT: 25.469 min Scan# 3582
Delta R.T. -0.026 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

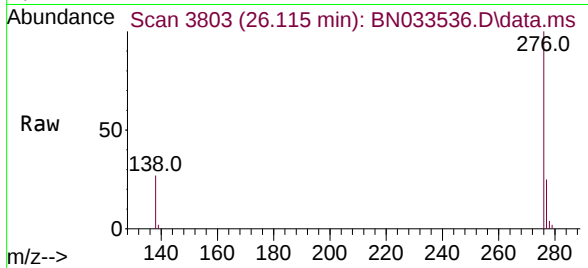
Tgt Ion:278 Resp: 14829
Ion Ratio Lower Upper
278 100
139 25.2 19.1 28.7
279 30.6 21.0 31.4





#41
Benzo(g,h,i)perylene
Concen: 0.897 ng
RT: 26.115 min Scan# 3811
Delta R.T. -0.023 min
Lab File: BN033536.D
Acq: 21 Aug 2024 10:40

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0.5-1-081524-FD



Tgt Ion:276 Resp: 6203
Ion Ratio Lower Upper
276 100
277 24.6 19.7 29.5
138 27.2 21.8 32.6

Manual Integrations
APPROVED

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

