

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035502.D
 Acq On : 09 Dec 2024 12:16
 Operator : RC/JU
 Sample : P5142-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

Quant Time: Dec 09 13:27:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							12/11/2024
1) 1,4-Dichlorobenzene-d4	7.300	152	2170	0.400	ng	0.00	Supervised By :mohammad Ahmed
7) Naphthalene-d8	10.041	136	5734	0.400	ng	-0.01	
13) Acenaphthene-d10	13.956	164	4922	0.400	ng	-0.01	
19) Phenanthrene-d10	16.723	188	11976	0.400	ng	#-0.01	
29) Chrysene-d12	20.964	240	11160	0.400	ng	# 0.00	
35) Perylene-d12	23.055	264	10129	0.400	ng	-0.01	12/11/2024
System Monitoring Compounds							
4) 2-Fluorophenol	4.960	112	704	0.130	ng	0.00	
5) Phenol-d6	6.506	99	579	0.089	ng	0.00	
8) Nitrobenzene-d5	8.429	82	1666m	0.476	ng	-0.01	
11) 2-Methylnaphthalene-d10	11.641	152	3824	0.426	ng	-0.02	
14) 2,4,6-Tribromophenol	15.464	330	1258	0.360	ng	-0.01	
15) 2-Fluorobiphenyl	12.564	172	6512	0.350	ng	-0.01	
27) Fluoranthene-d10	18.775	212	15399	0.454	ng	0.00	
31) Terphenyl-d14	19.402	244	12062	0.548	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	410	0.198	ng	#	22
9) Naphthalene	10.094	128	520	0.034	ng	#	64
24) Pentachlorophenol	16.375	266	356	0.099	ng	#	88
25) Phenanthrene	16.760	178	776	0.024	ng	#	66
28) Fluoranthene	18.808	202	1072	0.024	ng	#	89
30) Pyrene	19.175	202	1041	0.025	ng	#	94
32) Benzo(a)anthracene	20.946	228	1331	0.034	ng	#	59
33) Chrysene	21.000	228	1514	0.038	ng	#	66
34) Bis(2-ethylhexyl)phtha...	20.929	149	6307	0.409	ng	#	68
36) Indeno(1,2,3-cd)pyrene	25.090	276	1211	0.031	ng	#	98
37) Benzo(b)fluoranthene	22.444	252	1616	0.044	ng	#	16
38) Benzo(k)fluoranthene	22.485	252	1332	0.037	ng	#	4
39) Benzo(a)pyrene	22.965	252	825	0.027	ng	#	1
40) Dibenzo(a,h)anthracene	25.105	278	825	0.026	ng	#	12
41) Benzo(g,h,i)perylene	25.707	276	968	0.030	ng	#	56

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

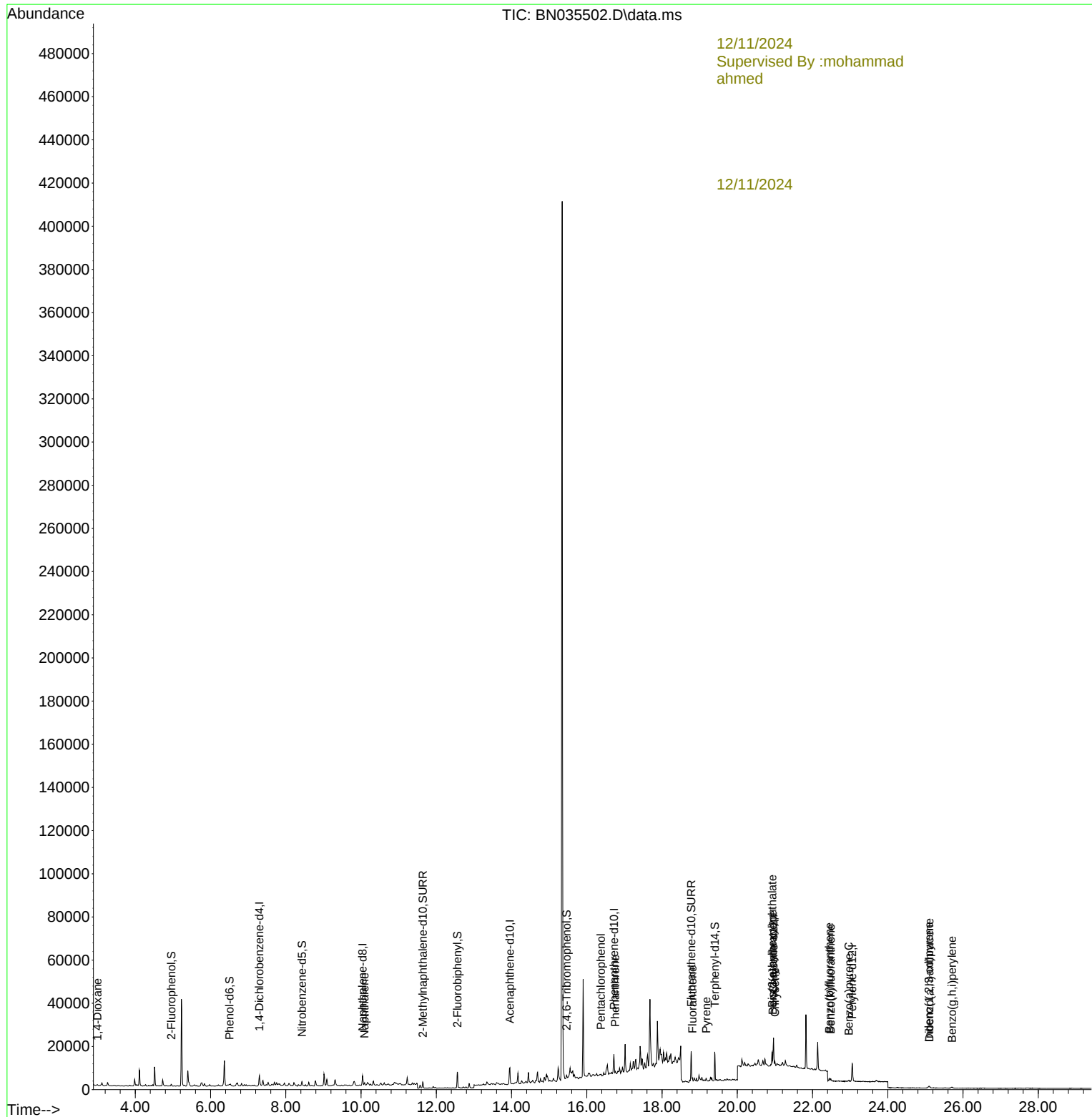
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035502.D
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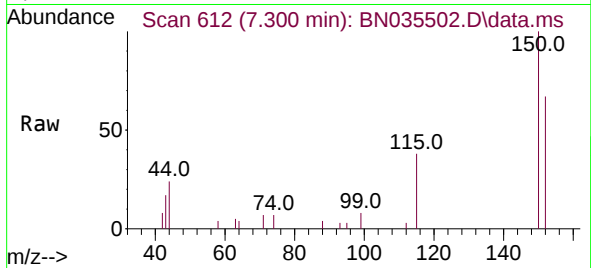
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Patel





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.300 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

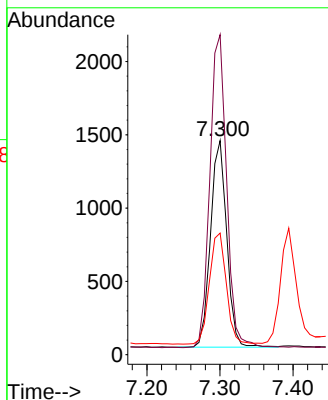
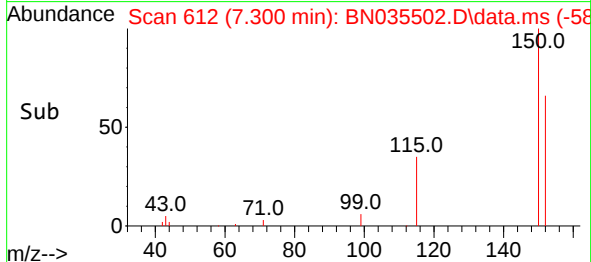
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:152 Resp: 2170
Ion Ratio Lower Upper
152 100
150 149.4 124.0 186.0
115 56.8 49.6 74.4

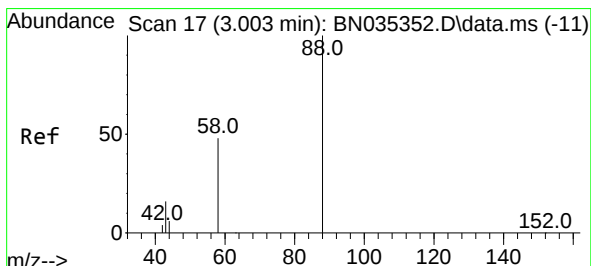
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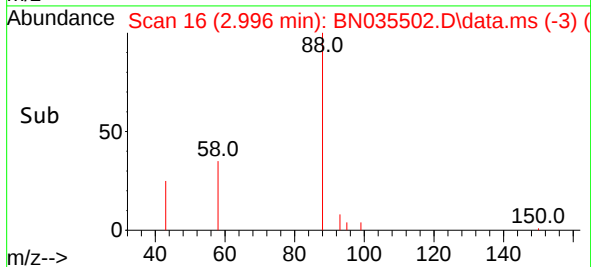
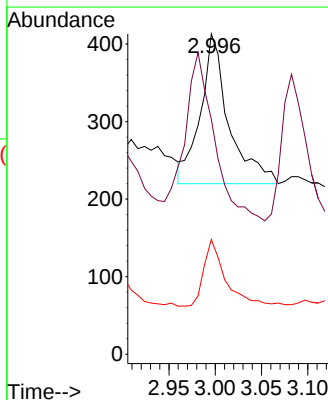
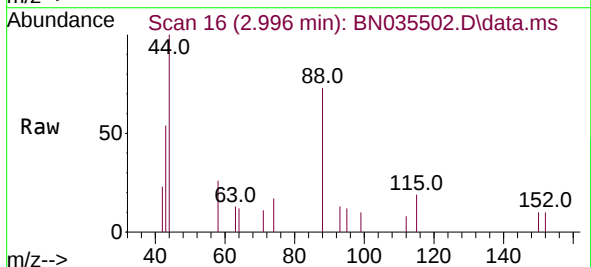
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ahmed

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#2
1,4-Dioxane
Concen: 0.198 ng
RT: 2.996 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

Tgt Ion: 88 Resp: 410
Ion Ratio Lower Upper
88 100
43 117.3 17.2 25.8#
58 34.1 44.5 66.7#





#4
2-Fluorophenol
Concen: 0.130 ng
RT: 4.960 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

Instrument :

BNA_N

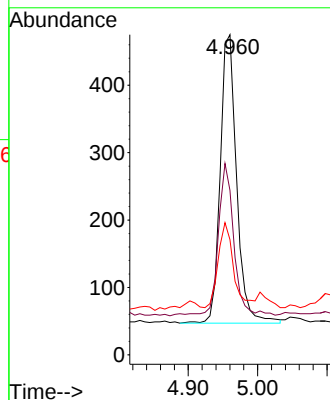
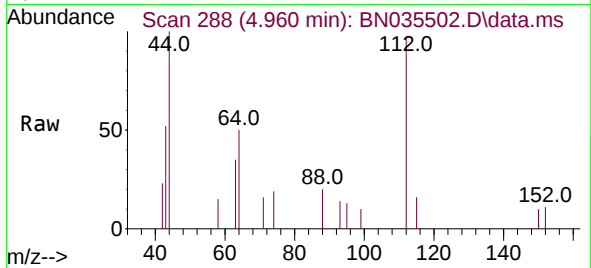
ClientSampleId :

TOWER-1

Tgt Ion:112 Resp: 704
Ion Ratio Lower Upper
112 100
64 50.4 39.8 59.8
63 28.1 21.0 31.6

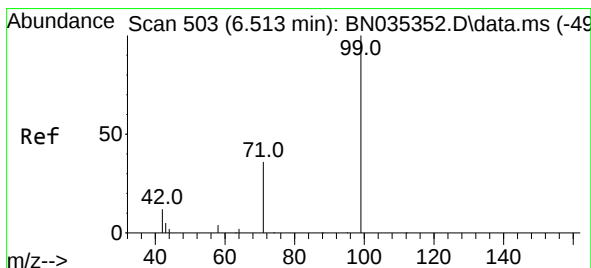
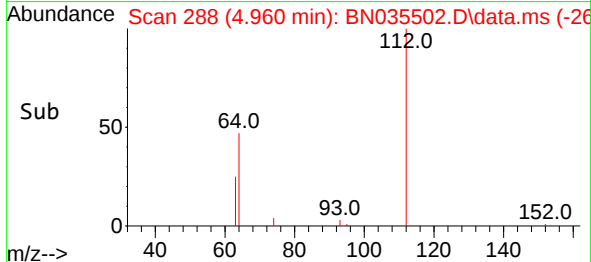
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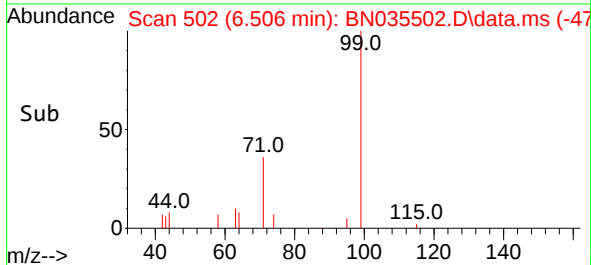
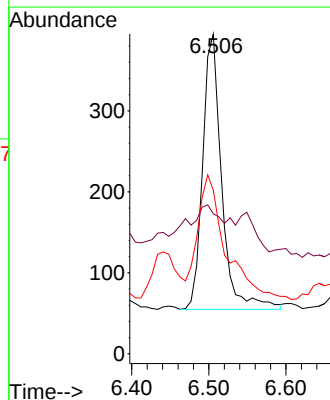
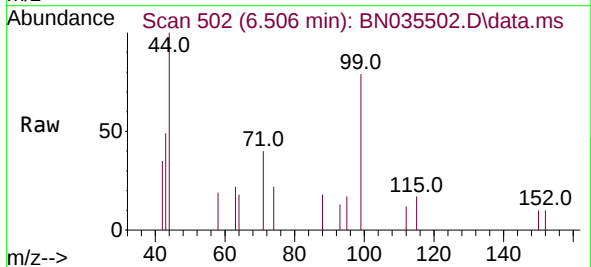
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ahmed

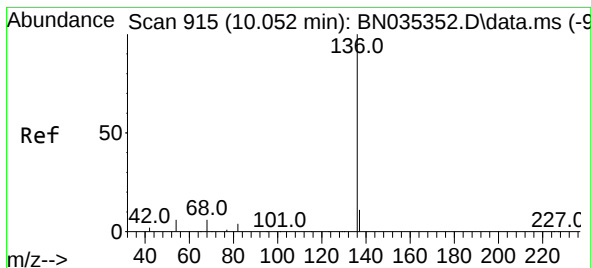
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#5
Phenol-d6
Concen: 0.089 ng
RT: 6.506 min Scan# 502
Delta R.T. -0.008 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

Tgt Ion: 99 Resp: 579
Ion Ratio Lower Upper
99 100
42 25.2 11.4 17.2#
71 67.4 29.3 43.9#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.041 min Scan# 915

Delta R.T. -0.011 min

Lab File: BN035502.D

Acq: 09 Dec 2024 12:16

Instrument :

BNA_N

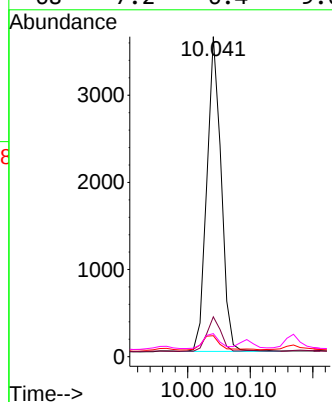
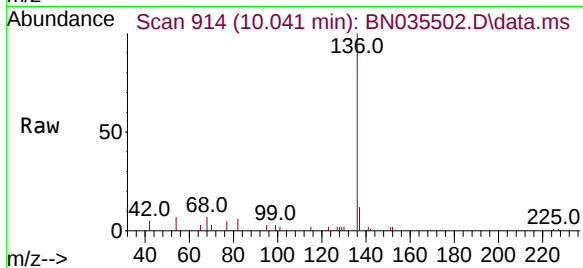
ClientSampleId :

TOWER-1

Tgt Ion:	136	Resp:	5734
Ion Ratio	Lower	Upper	
136	100		
137	12.5	10.2	15.2
54	6.5	6.1	9.1
68	7.2	6.4	9.6

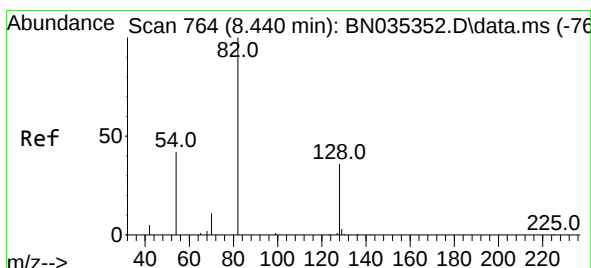
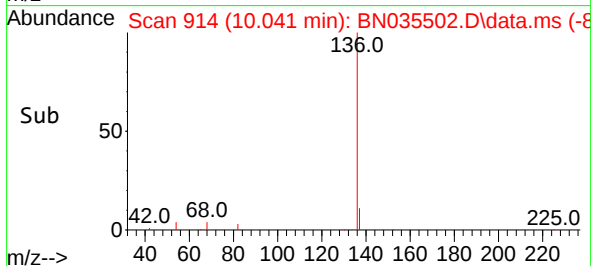
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#8

Nitrobenzene-d5

Concen: 0.476 ng m

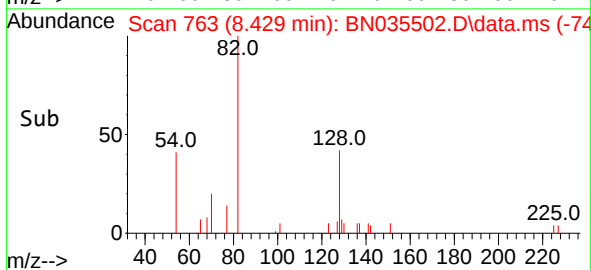
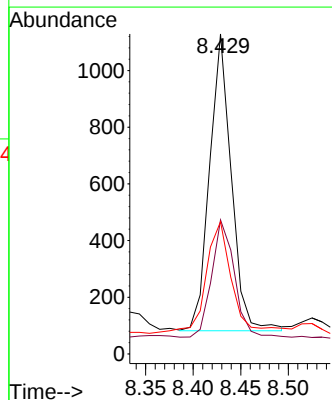
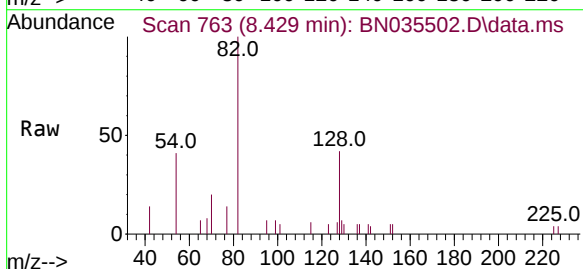
RT: 8.429 min Scan# 763

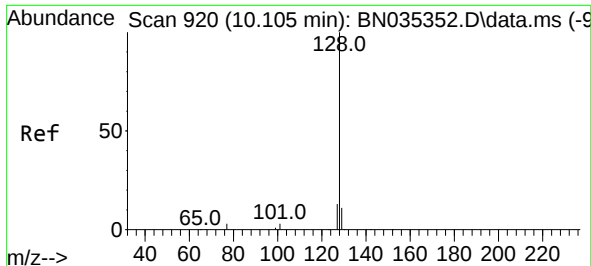
Delta R.T. -0.011 min

Lab File: BN035502.D

Acq: 09 Dec 2024 12:16

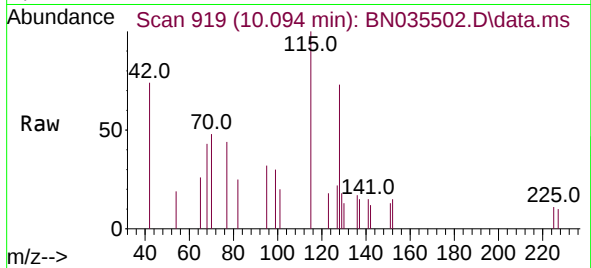
Tgt Ion:	82	Resp:	1666
Ion Ratio	Lower	Upper	
82	100		
128	41.9	33.4	50.0
54	41.4	36.7	55.1





#9
Naphthalene
Concen: 0.034 ng
RT: 10.094 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

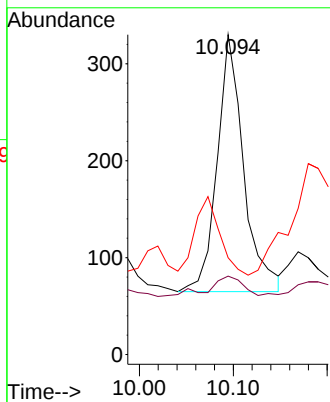
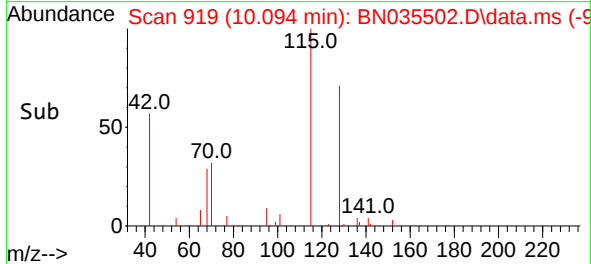
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:128 Resp: 520
Ion Ratio Lower Upper
128 100
129 24.5 9.8 14.6
127 30.3 11.4 17.2

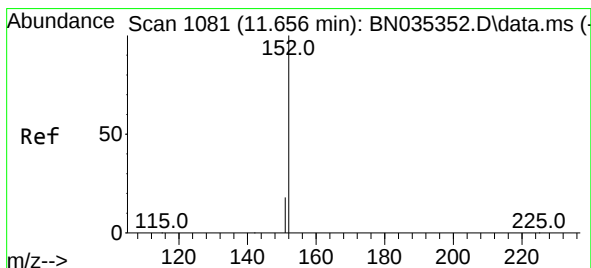
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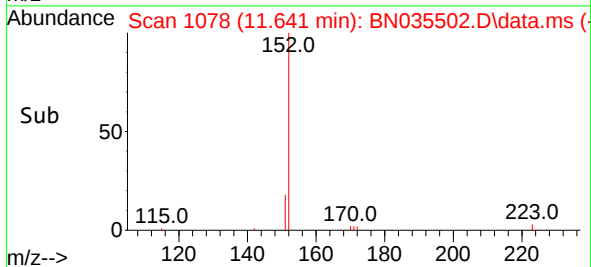
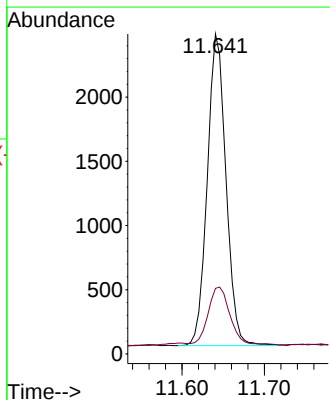
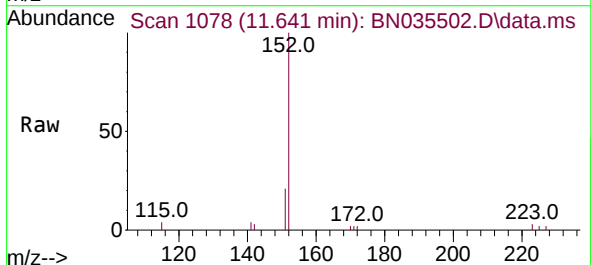
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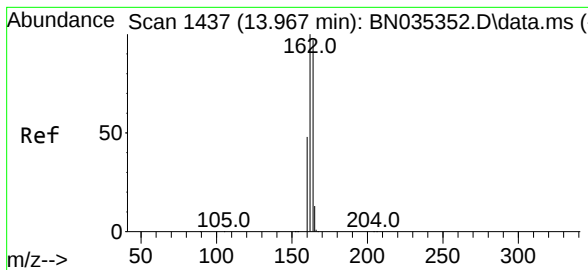
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#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 11.641 min Scan# 1078
Delta R.T. -0.015 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

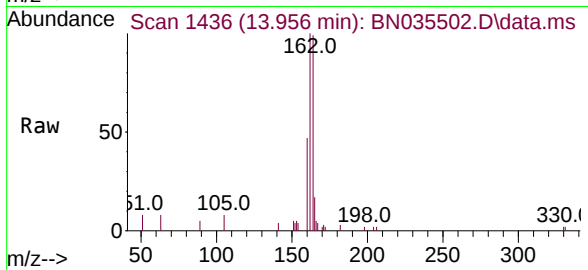
Tgt Ion:152 Resp: 3824
Ion Ratio Lower Upper
152 100
151 22.5 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.956 min Scan# 1437
Delta R.T. -0.011 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

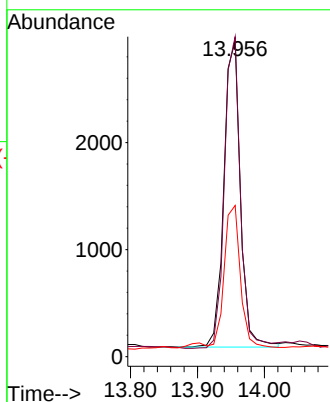
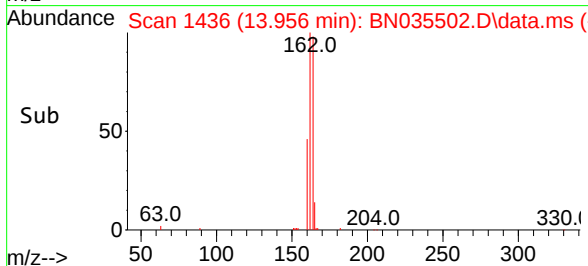
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:164 Resp: 492.0
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 47.9 40.1 60.1

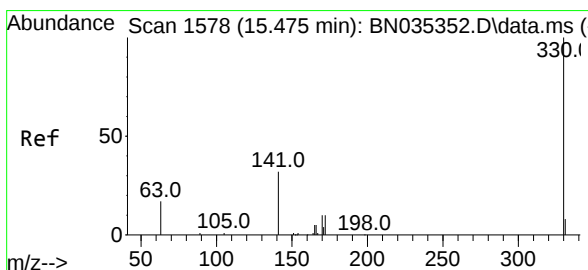
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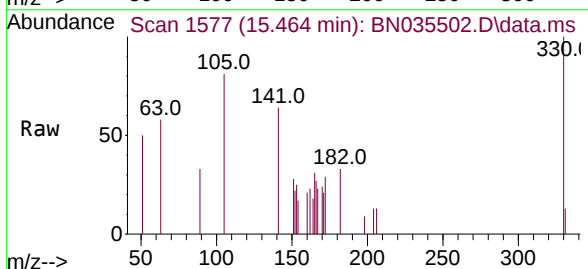


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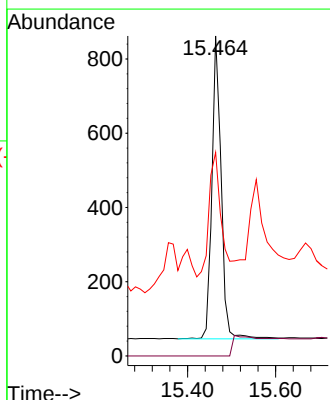
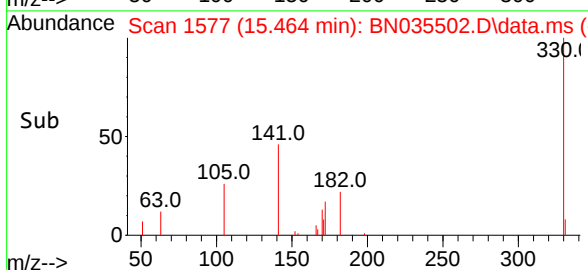
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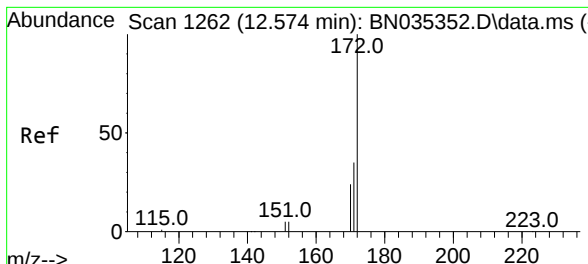


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.464 min Scan# 1577
Delta R.T. -0.011 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16



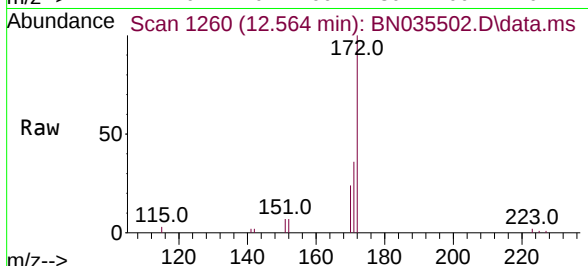
Tgt Ion:330 Resp: 1258
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 52.9 26.6 40.0#





#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.564 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

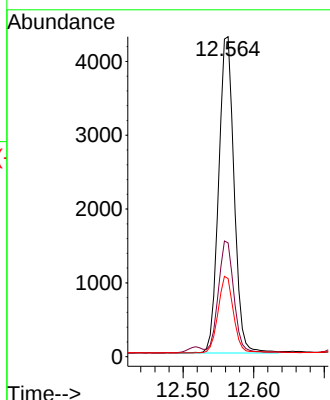
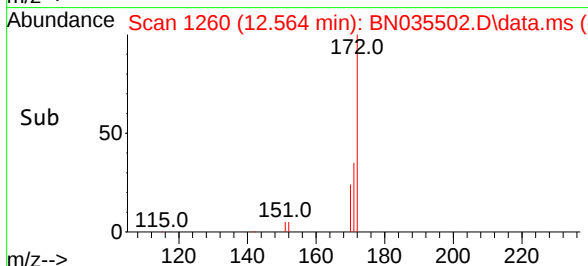
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:172 Resp: 651
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 24.4 19.8 29.8

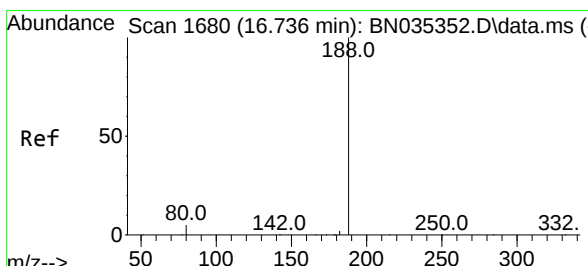
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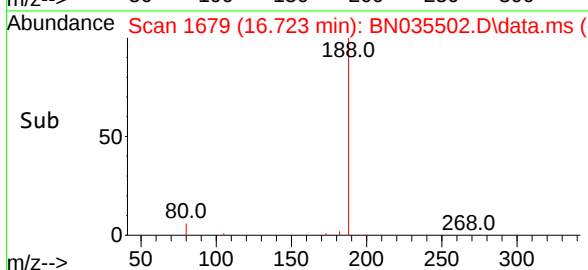
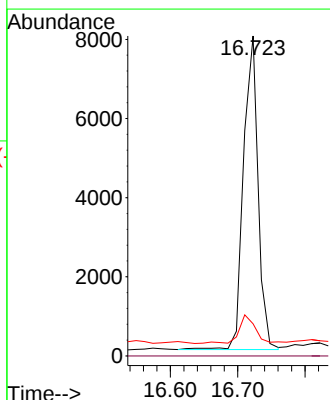
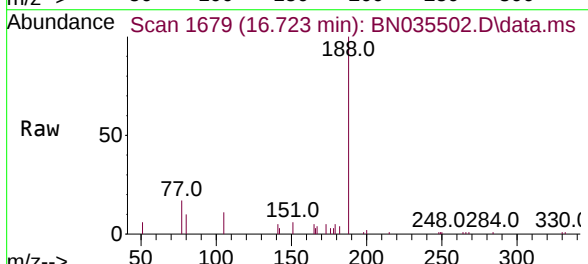
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ahmed

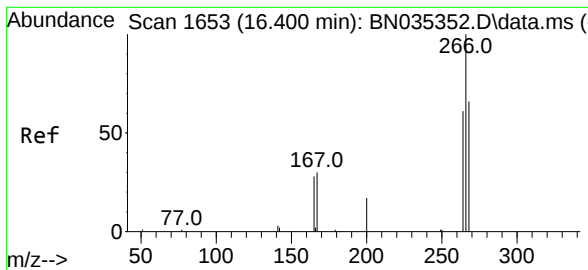
12/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1679
Delta R.T. -0.013 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

Tgt Ion:188 Resp: 11976
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 4.6 6.8#





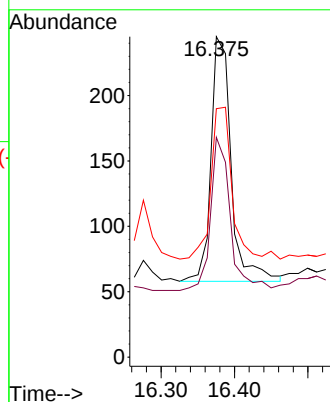
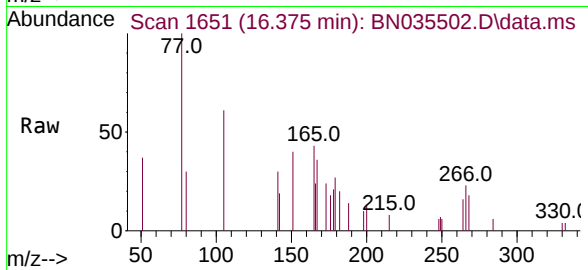
#24
Pentachlorophenol
Concen: 0.099 ng
RT: 16.375 min Scan# 1651
Delta R.T. -0.025 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

Instrument :
BNA_N
ClientSampleId :
TOWER-1

Tgt Ion:	266	Resp:	350
Ion Ratio	Lower	Upper	
266	100		
264	61.2	42.3	63.5
268	63.5	43.3	64.9

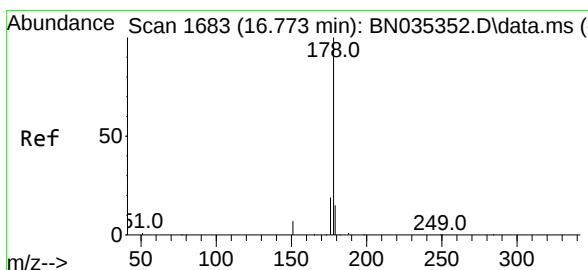
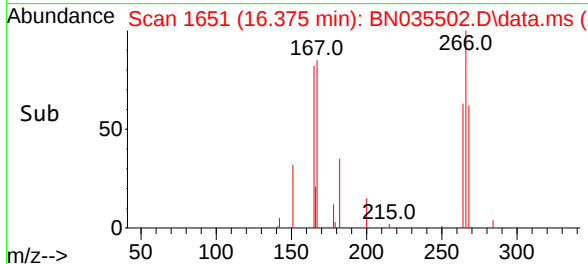
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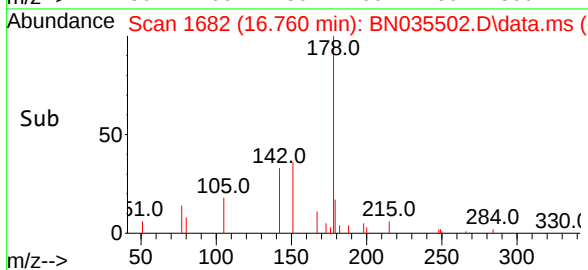
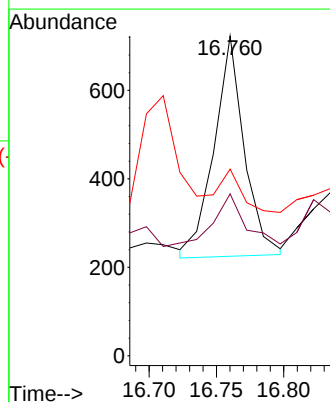
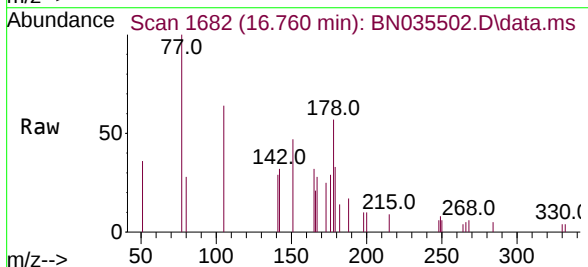
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Supervised By :mohammad
ahmed

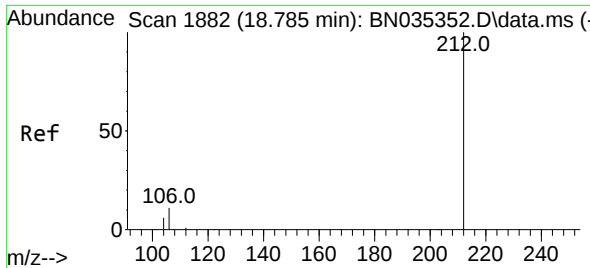
12/11/2024



#25
Phenanthrene
Concen: 0.024 ng
RT: 16.760 min Scan# 1682
Delta R.T. -0.013 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

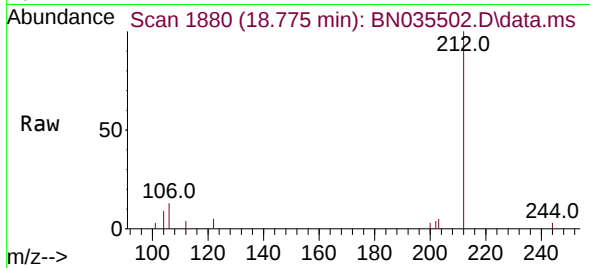
Tgt Ion:	178	Resp:	776
Ion Ratio	Lower	Upper	
178	100		
176	33.8	15.4	23.2#
179	0.0	12.3	18.5#





#27
Fluoranthene-d10
Concen: 0.454 ng
RT: 18.775 min Scan# 1882
Delta R.T. -0.010 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

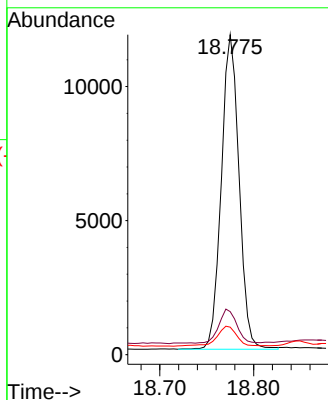
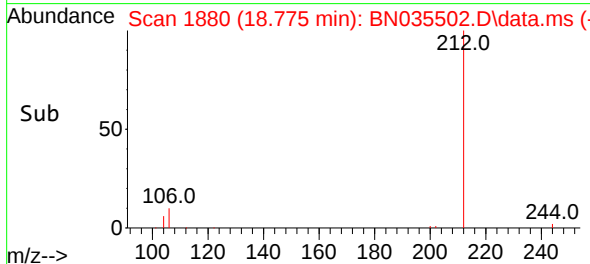
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:212 Resp: 1539
Ion Ratio Lower Upper
212 100
106 11.6 9.2 13.8
104 7.1 5.3 7.9

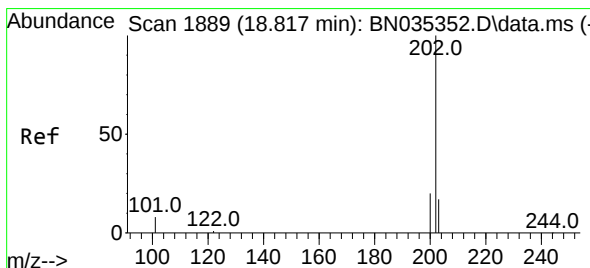
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Reviewed By :Yogesh
Patel



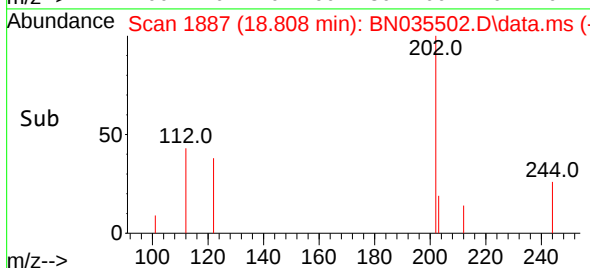
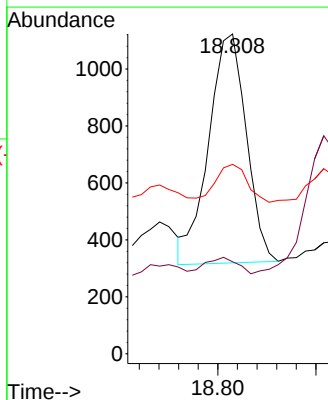
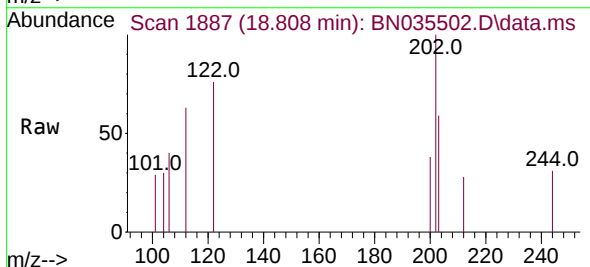
12/11/2024
Supervised By :mohammad
ahmed

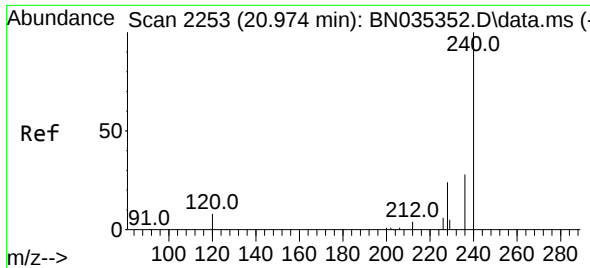
12/11/2024



#28
Fluoranthene
Concen: 0.024 ng
RT: 18.808 min Scan# 1887
Delta R.T. -0.010 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

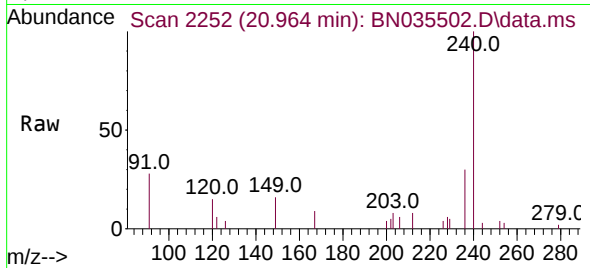
Tgt Ion:202 Resp: 1072
Ion Ratio Lower Upper
202 100
101 6.0 7.4 11.0#
203 12.1 13.7 20.5#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.964 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

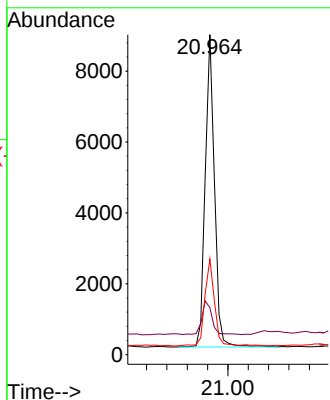
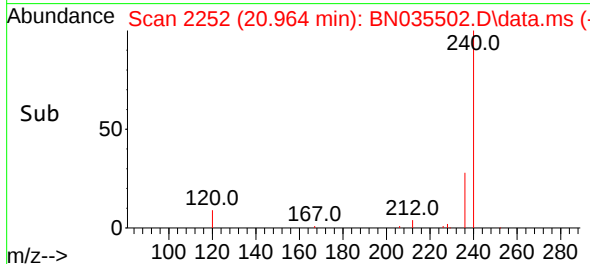
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:240 Resp: 11160
Ion Ratio Lower Upper
240 100
120 14.7 7.9 11.9
236 29.9 22.9 34.3

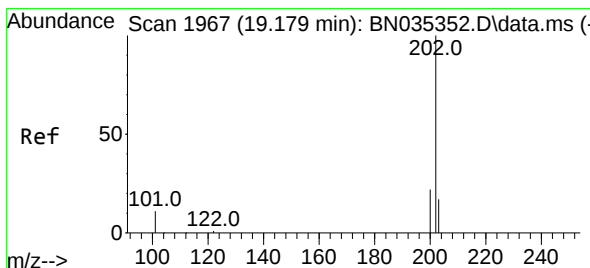
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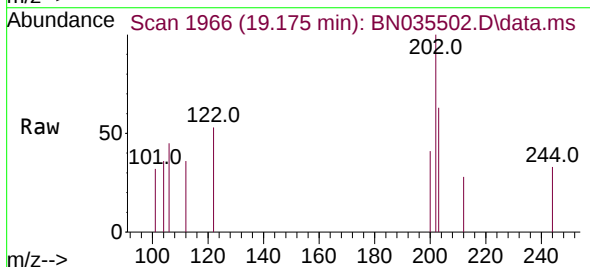


12/11/2024
Supervised By :mohammad
ahmed

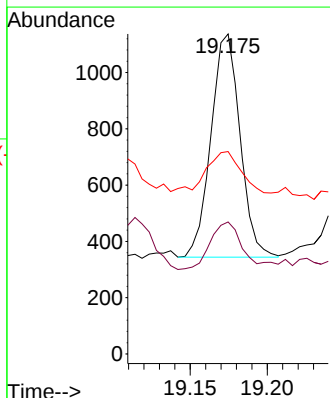
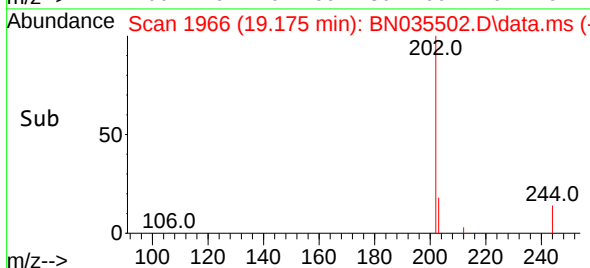
12/11/2024

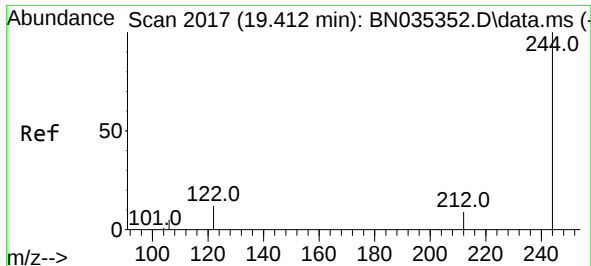


#30
Pyrene
Concen: 0.025 ng
RT: 19.175 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16



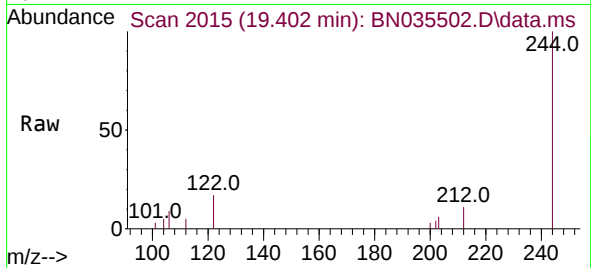
Tgt Ion:202 Resp: 1041
Ion Ratio Lower Upper
202 100
200 23.0 17.0 25.4
203 21.5 14.3 21.5





#31
Terphenyl-d14
Concen: 0.548 ng
RT: 19.402 min Scan# 2017
Delta R.T. -0.010 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

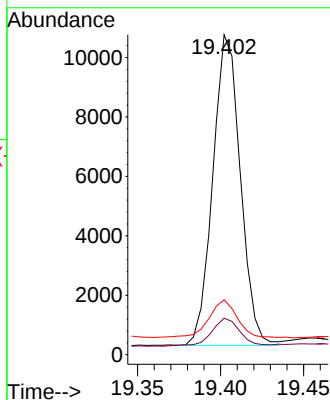
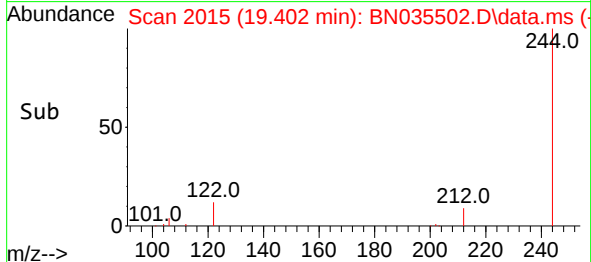
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:244 Resp: 12062
Ion Ratio Lower Upper
244 100
212 11.4 8.1 12.1
122 17.1 10.3 15.5

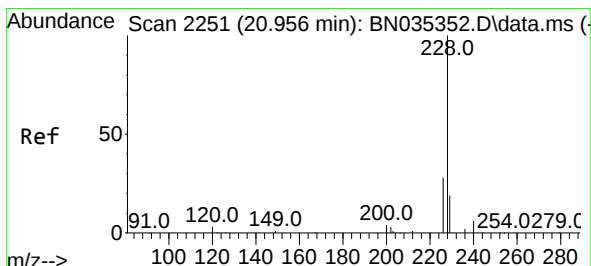
Manual Integrations
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Reviewed By :Yogesh
Patel



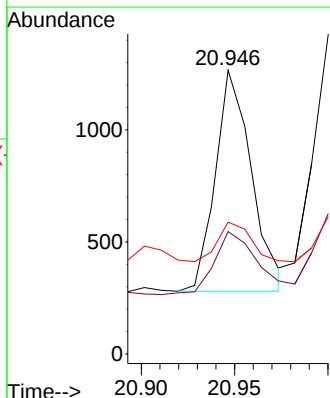
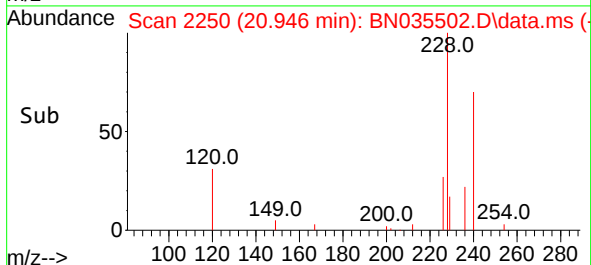
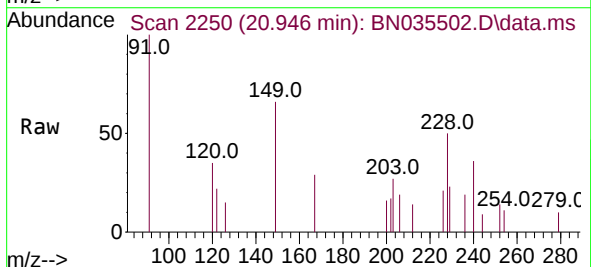
12/11/2024
Supervised By :mohammad
ahmed

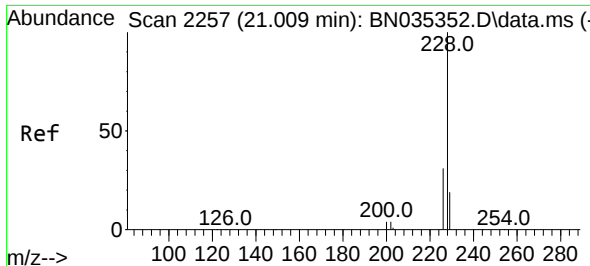
12/11/2024



#32
Benzo(a)anthracene
Concen: 0.034 ng
RT: 20.946 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

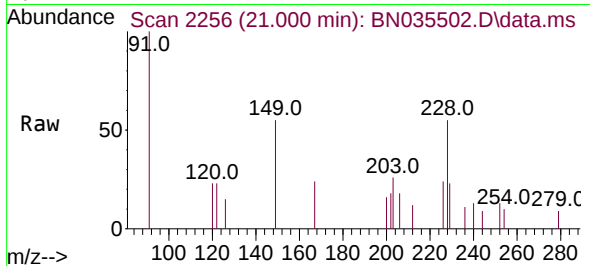
Tgt Ion:228 Resp: 1331
Ion Ratio Lower Upper
228 100
226 43.1 22.5 33.7#
229 46.4 15.8 23.8#





#33
Chrysene
Concen: 0.038 ng
RT: 21.000 min Scan# 2100
Delta R.T. -0.009 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

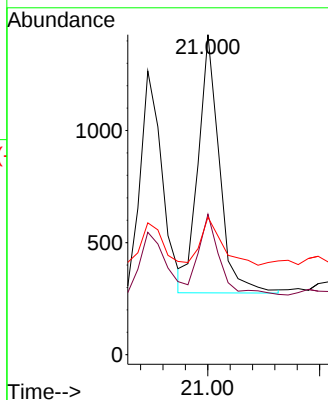
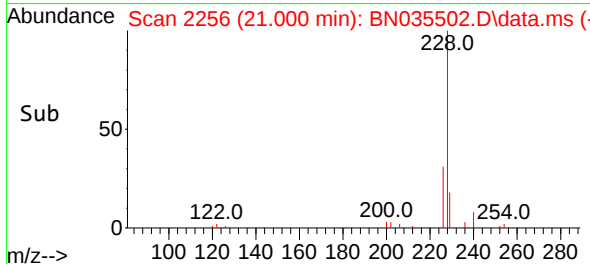
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:228 Resp: 1514
Ion Ratio Lower Upper
228 100
226 43.9 24.6 37.0
229 42.9 15.9 23.9

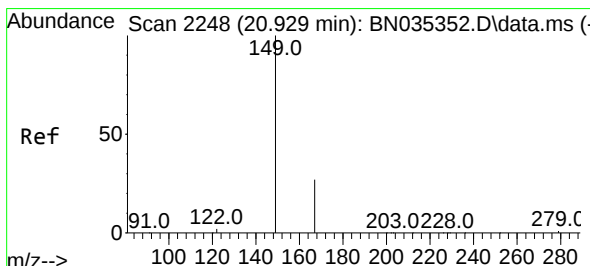
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Reviewed By :Yogesh
Patel



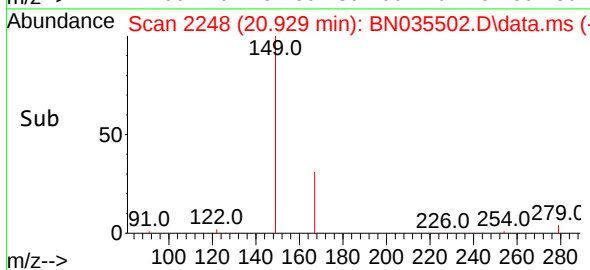
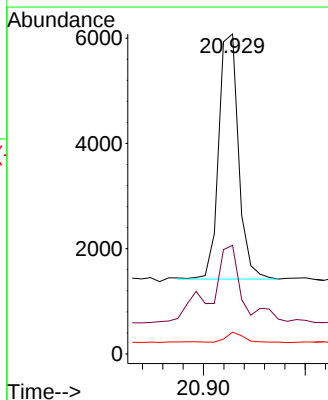
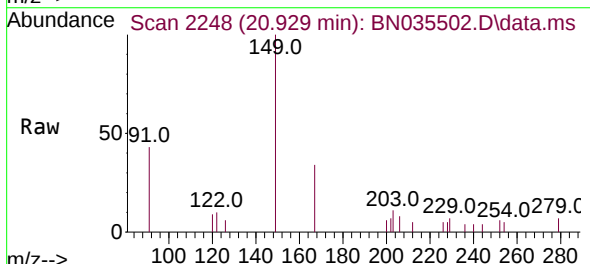
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Supervised By :mohammad
ahmed

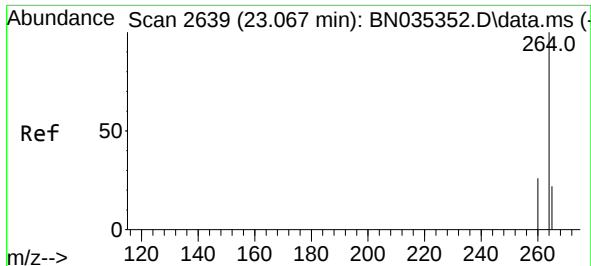
12/11/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.409 ng
RT: 20.929 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

Tgt Ion:149 Resp: 6307
Ion Ratio Lower Upper
149 100
167 46.6 22.2 33.4
279 4.0 2.7 4.1





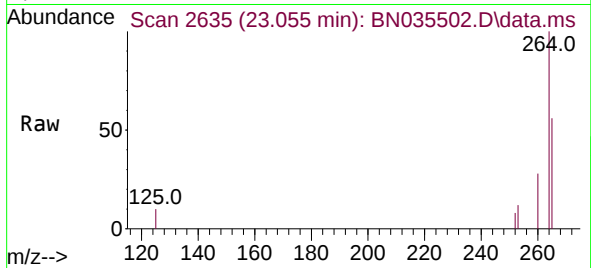
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.055 min Scan# 2635
Delta R.T. -0.012 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

Instrument :

BNA_N

ClientSampleId :

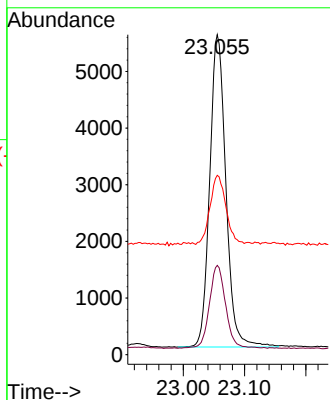
TOWER-1



Tgt Ion:264 Resp: 10129
Ion Ratio Lower Upper
264 100
260 27.9 21.4 32.2
265 56.0 40.2 60.4

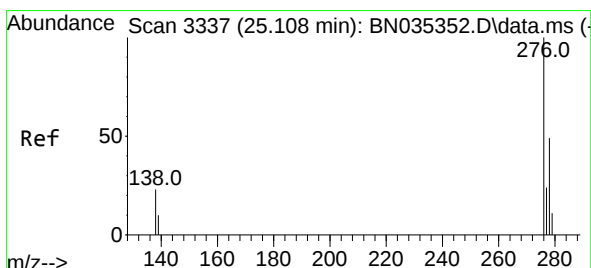
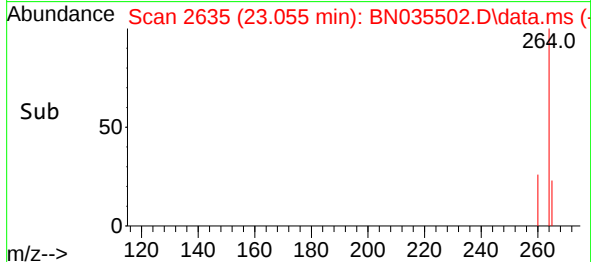
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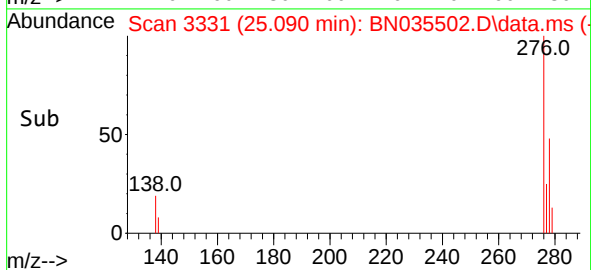
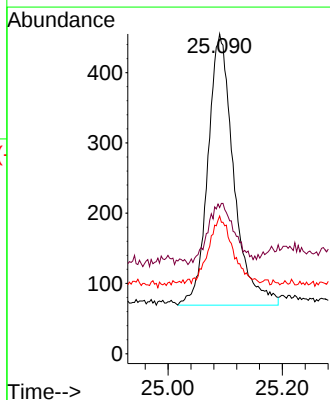
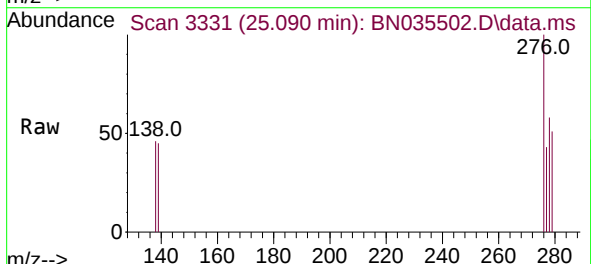
12/11/2024
Supervised By :mohammad
ahmed

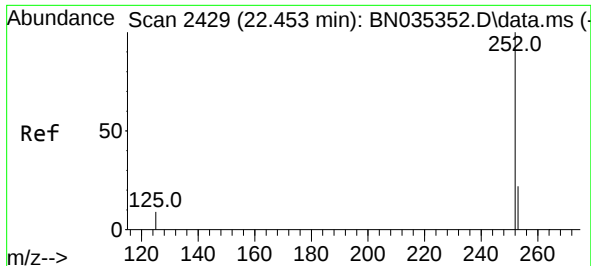
12/11/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng
RT: 25.090 min Scan# 3331
Delta R.T. -0.018 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

Tgt Ion:276 Resp: 1211
Ion Ratio Lower Upper
276 100
138 23.5 19.4 29.0
277 23.4 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.044 ng

RT: 22.444 min Scan# 2426

Delta R.T. -0.009 min

Lab File: BN035502.D

Acq: 09 Dec 2024 12:16

Instrument :

BNA_N

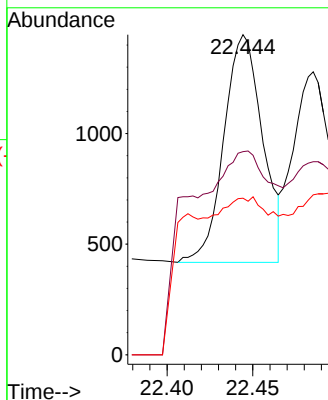
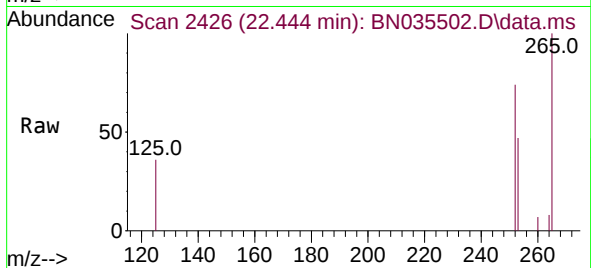
ClientSampleId :

TOWER-1

Tgt Ion:252 Resp: 1610
Ion Ratio Lower Upper
252 100
253 63.4 19.6 29.4#
125 48.9 9.6 14.4#

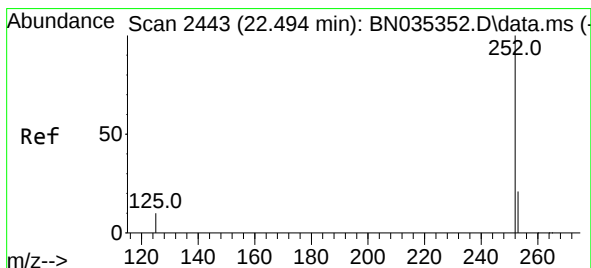
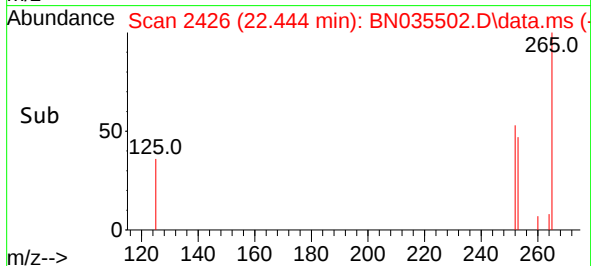
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Patel



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#38

Benzo(k)fluoranthene

Concen: 0.037 ng

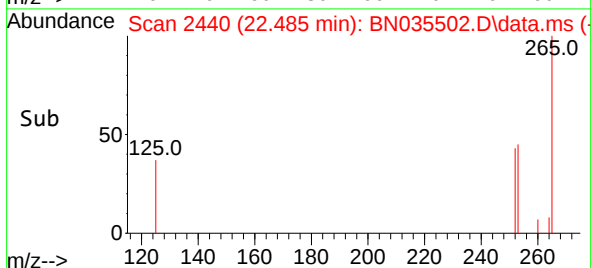
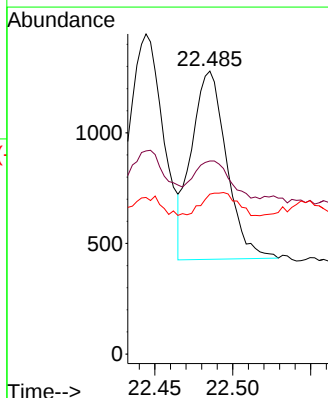
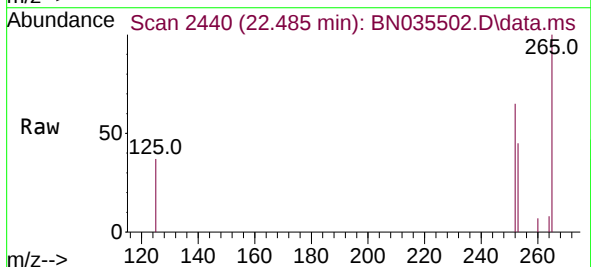
RT: 22.485 min Scan# 2440

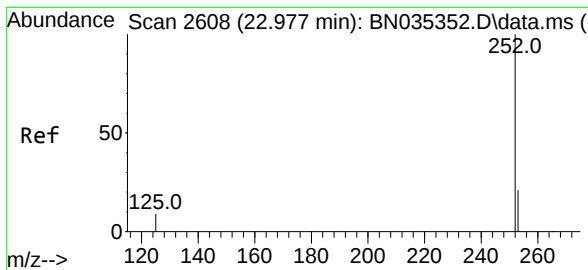
Delta R.T. -0.009 min

Lab File: BN035502.D

Acq: 09 Dec 2024 12:16

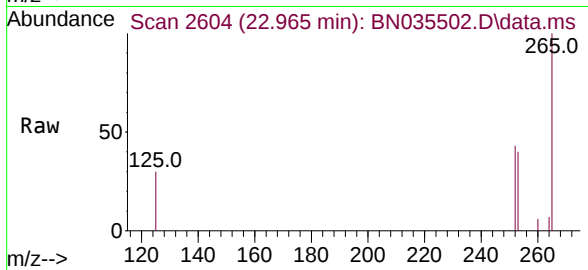
Tgt Ion:252 Resp: 1332
Ion Ratio Lower Upper
252 100
253 68.3 19.5 29.3#
125 56.5 10.2 15.4#





#39
Benzo(a)pyrene
Concen: 0.027 ng
RT: 22.965 min Scan# 2604
Delta R.T. -0.012 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

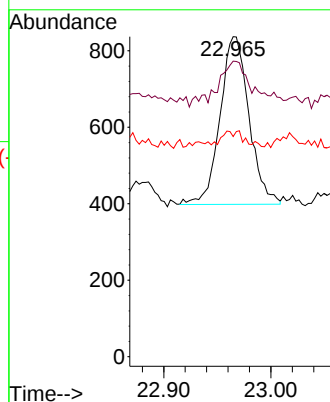
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:252 Resp: 825
Ion Ratio Lower Upper
252 100
253 92.4 20.2 30.4#
125 68.8 10.9 16.3#

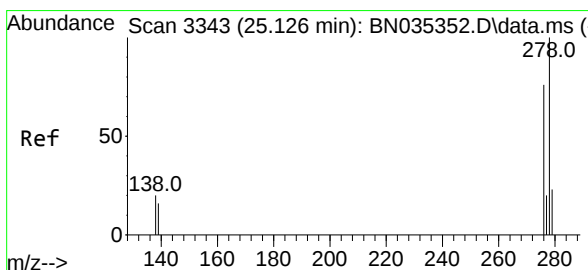
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Patel



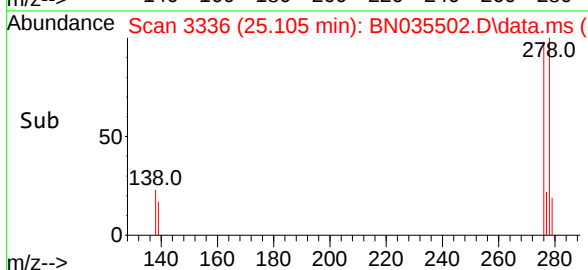
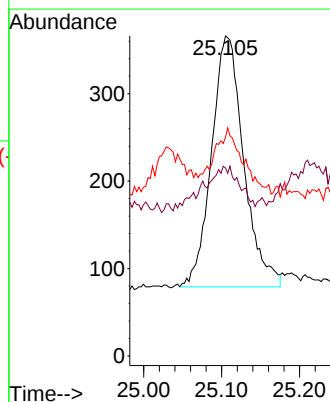
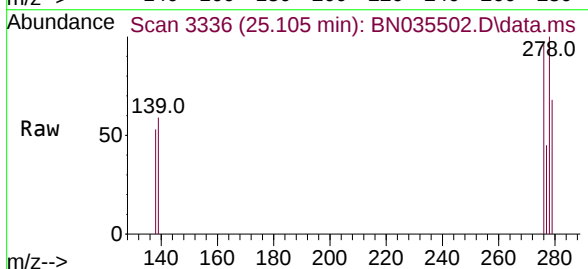
12/11/2024
Supervised By :mohammad
ahmed

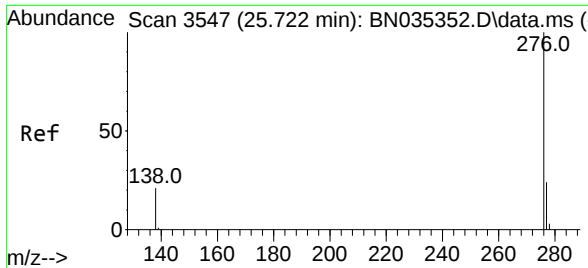
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#40
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 25.105 min Scan# 3336
Delta R.T. -0.021 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

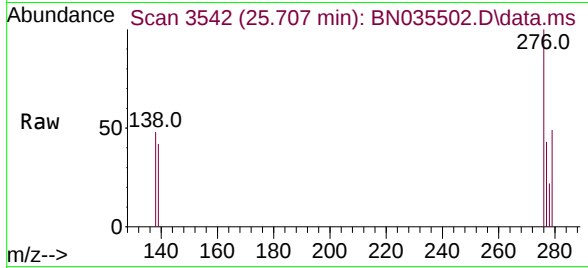
Tgt Ion:278 Resp: 825
Ion Ratio Lower Upper
278 100
139 58.7 14.2 21.4#
279 68.3 20.5 30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.030 ng
RT: 25.707 min Scan# 31
Delta R.T. -0.015 min
Lab File: BN035502.D
Acq: 09 Dec 2024 12:16

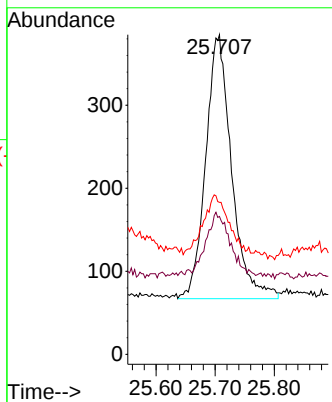
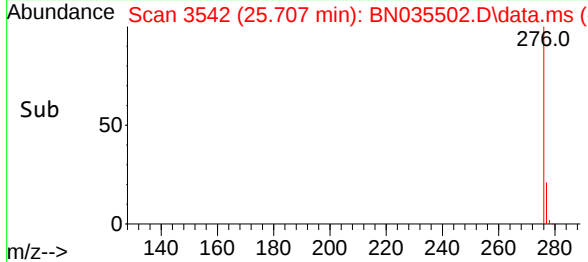
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:	276	Resp:	968
Ion	Ratio	Lower	Upper
276	100		
277	43.1	19.9	29.9
138	47.5	17.8	26.8

Manual Integrations
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ahmed

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