

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033613.D
 Acq On : 24 Aug 2024 05:57
 Operator : MA/JU
 Sample : P3671-07DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-905-KJ-SO-0-0.5-081924-FDDL

Quant Time: Aug 24 06:23:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/26/2024
 Supervised By :mohammad ahmed 08/29/2024

Supervised By :mohammad
 ahmed
 08/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	9368	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	22518	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	10375	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	19734	0.400	ng	0.00
29) Chrysene-d12	21.130	240	16882	0.400	ng	0.00
35) Perylene-d12	23.297	264	18150	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	621	0.021	ng	0.00
5) Phenol-d6	6.736	99	676	0.019	ng	0.00
8) Nitrobenzene-d5	8.670	82	461	0.025	ng	-0.01
11) 2-Methylnaphthalene-d10	11.900	152	518	0.016	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	110	0.020	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	654	0.015	ng	0.00
27) Fluoranthene-d10	18.970	212	588	0.012	ng	0.00
31) Terphenyl-d14	19.583	244	431	0.011	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.242	154	1716	0.054	ng	97
18) Fluorene	15.236	166	1952	0.048	ng	99
25) Phenanthrene	16.967	178	46598	0.849	ng	100
26) Anthracene	17.053	178	12522	0.258	ng	97
28) Fluoranthene	18.998	202	161055	2.655	ng	99
30) Pyrene	19.360	202	140751	1.868	ng	# 94
32) Benzo(a)anthracene	21.121	228	106829	1.750	ng	99
33) Chrysene	21.166	228	91115	1.502	ng	97
34) Bis(2-ethylhexyl)phtha...	21.077	149	1317m	0.034	ng	
36) Indeno(1,2,3-cd)pyrene	25.443	276	48539	0.644	ng	# 94
37) Benzo(b)fluoranthene	22.657	252	125342	1.849	ng	# 96
38) Benzo(k)fluoranthene	22.695	252	41286m	0.619	ng	
39) Benzo(a)pyrene	23.203	252	85496m	1.524	ng	
40) Dibenzo(a,h)anthracene	25.452	278	12902	0.214	ng	# 90
41) Benzo(g,h,i)perylene	26.098	276	43198	0.670	ng	99

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

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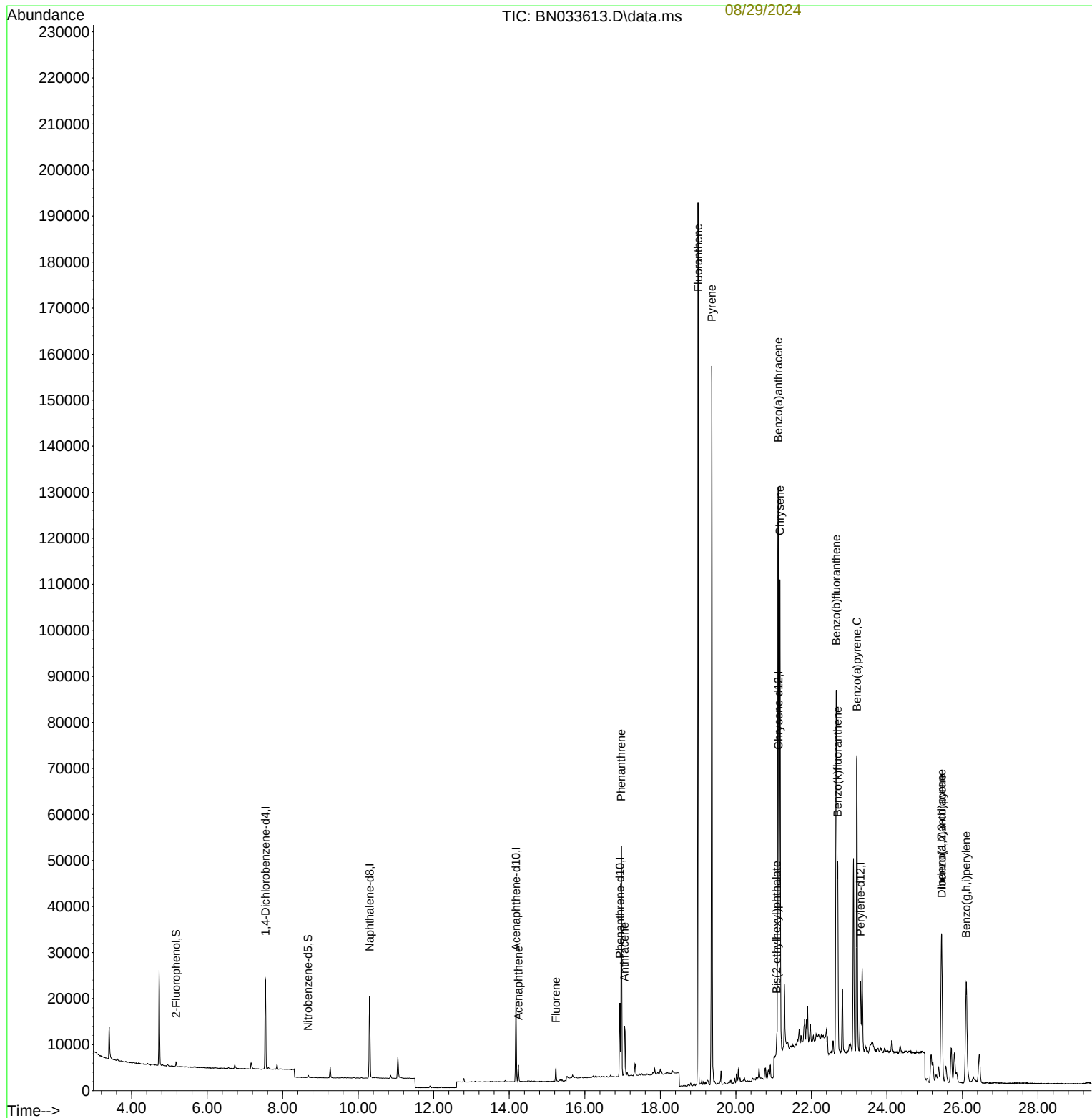
Instrument :
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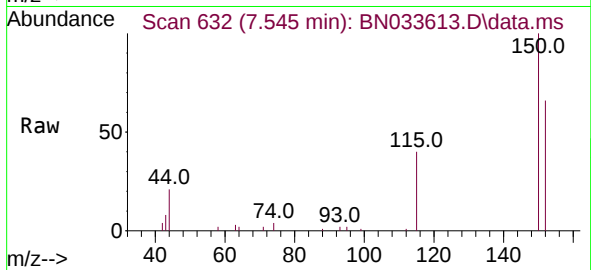
Supervised By :mohammad
ahmed
08/29/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FDDL

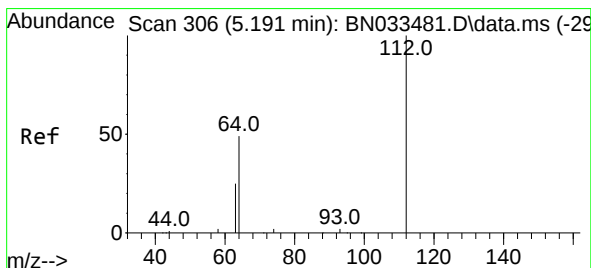
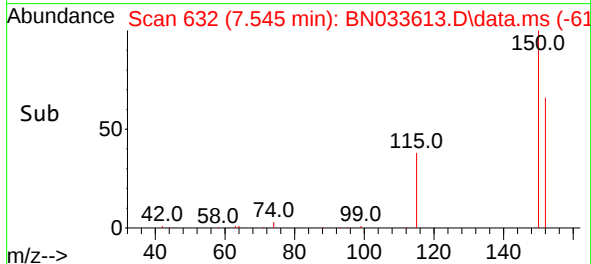
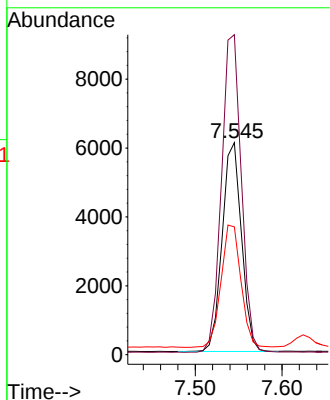


Tgt Ion:152 Resp: 936
Ion Ratio Lower Upper
152 100
150 150.9 122.2 183.2
115 60.3 47.2 70.8

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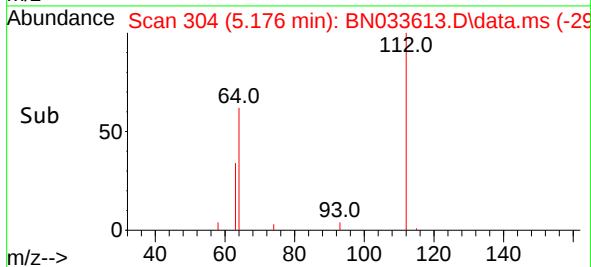
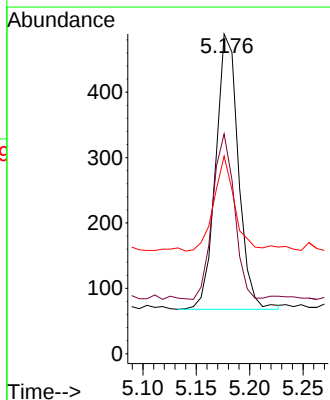
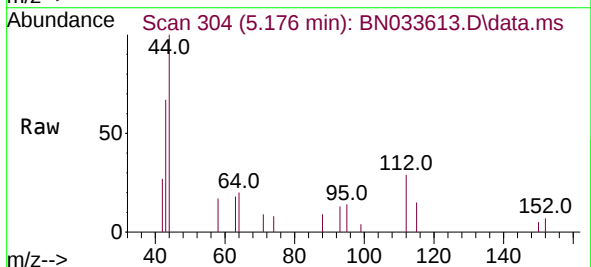
Reviewed By :Jagrut Upadhyay 08/26/2024
Supervised By :mohammad ahmed 08/29/2024

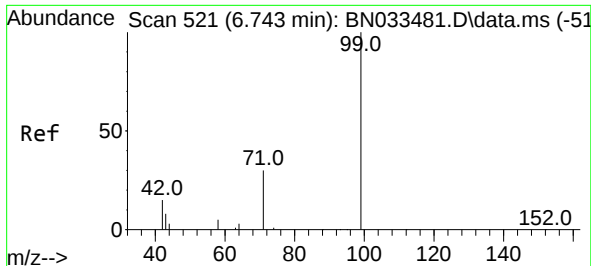
Supervised By :mohammad
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08/29/2024



#4
2-Fluorophenol
Concen: 0.021 ng
RT: 5.176 min Scan# 304
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

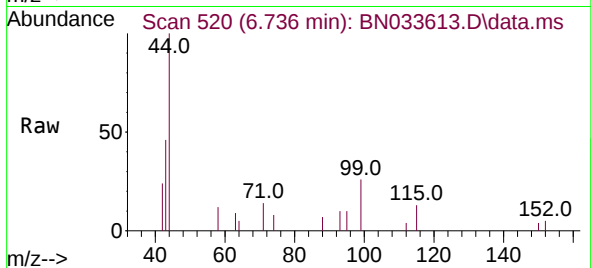
Tgt Ion:112 Resp: 621
Ion Ratio Lower Upper
112 100
64 57.0 47.1 70.7
63 31.2 24.9 37.3





#5
Phenol-d6
Concen: 0.019 ng
RT: 6.736 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FDDL

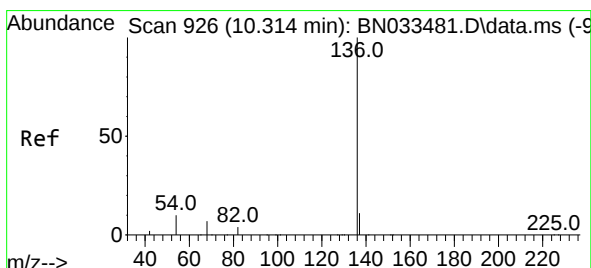
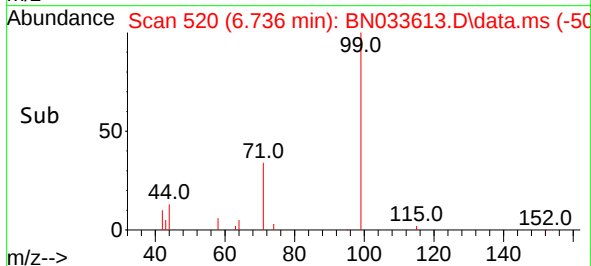
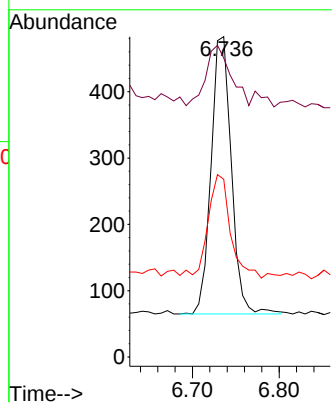


Tgt Ion: 99 Resp: 670
Ion Ratio Lower Upper
99 100
42 26.3 16.6 24.8
71 41.6 26.2 39.4

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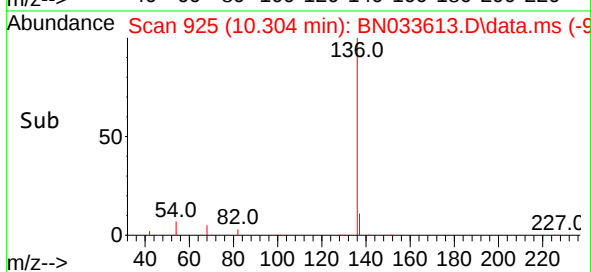
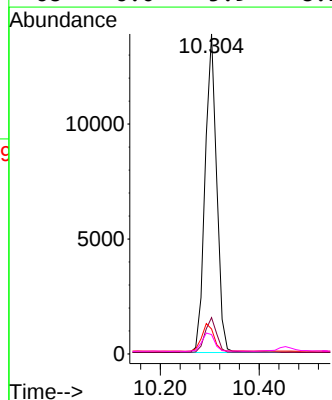
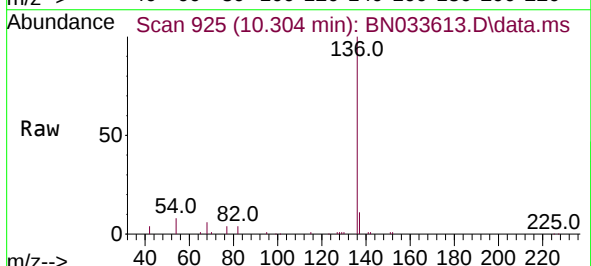
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ahmed
08/29/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

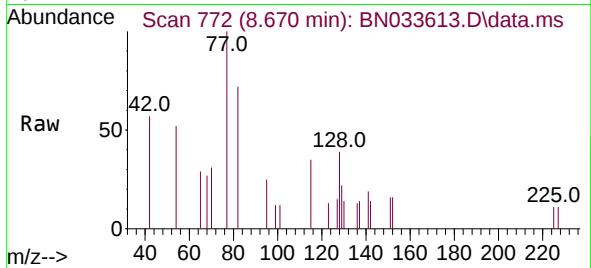
Tgt Ion:136 Resp: 22518
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.8 8.3 12.5
68 6.0 5.9 8.9





#8
Nitrobenzene-d5
Concen: 0.025 ng
RT: 8.670 min Scan# 711
Delta R.T. -0.011 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FDDL

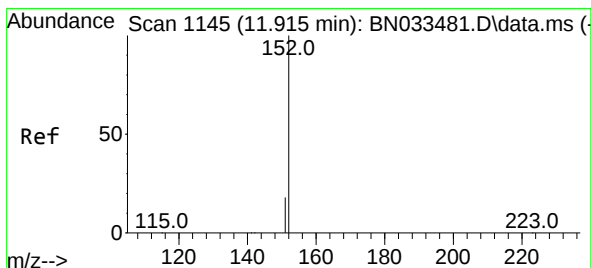
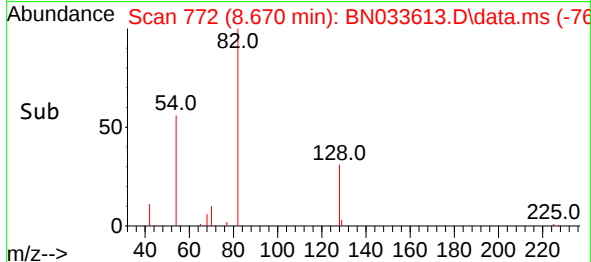
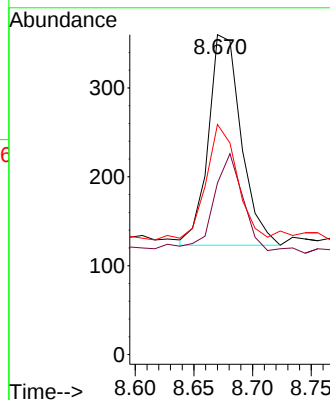


Tgt Ion: 82 Resp: 463
Ion Ratio Lower Upper
82 100
128 53.6 36.0 54.0
54 71.9 42.0 63.0

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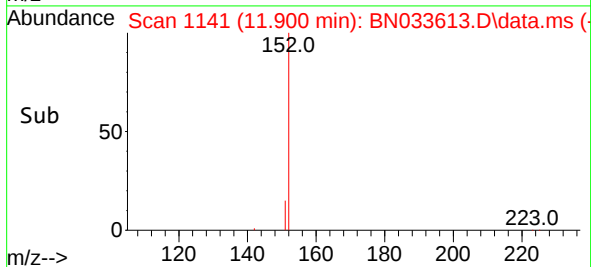
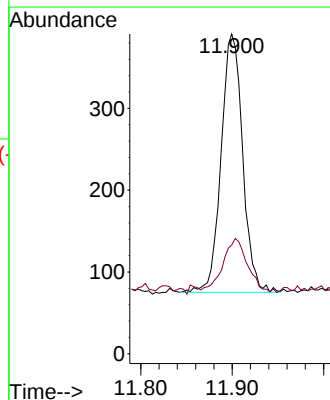
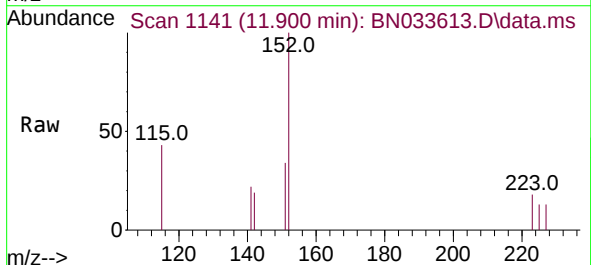
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Supervised By :mohammad ahmed 08/29/2024

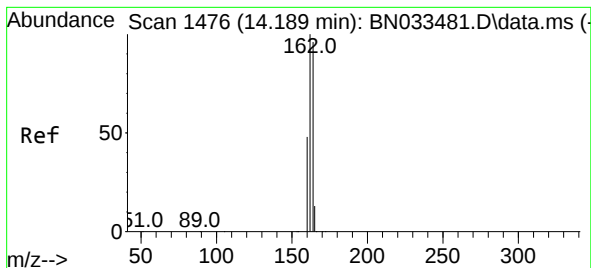
Supervised By :mohammad
ahmed
08/29/2024



#11
2-Methylnaphthalene-d10
Concen: 0.016 ng
RT: 11.900 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion:152 Resp: 518
Ion Ratio Lower Upper
152 100
151 23.9 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.178 min Scan# 1475

Delta R.T. -0.000 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

Instrument :

BNA_N

ClientSampleId :

S-905-KJ-SO-0-0.5-081924-FDDL

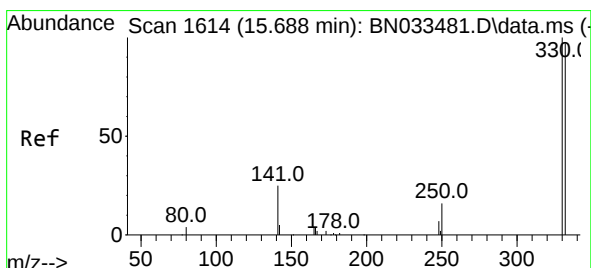
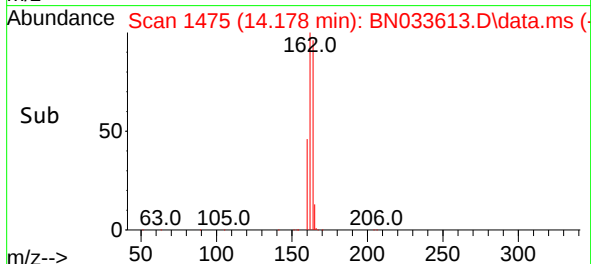
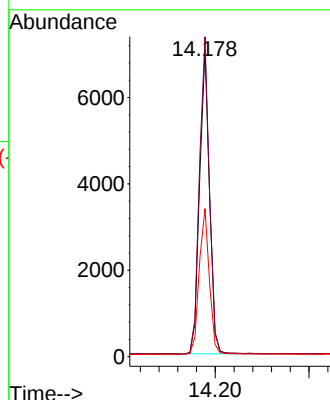
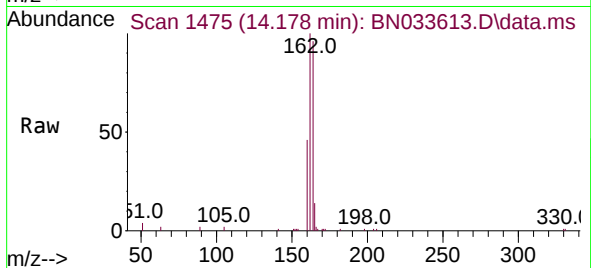
Tgt Ion:	164	Resp:	1037
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.5	125.3
160	48.2	40.2	60.4

Manual Integrations

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08/29/2024



#14

2,4,6-Tribromophenol

Concen: 0.020 ng

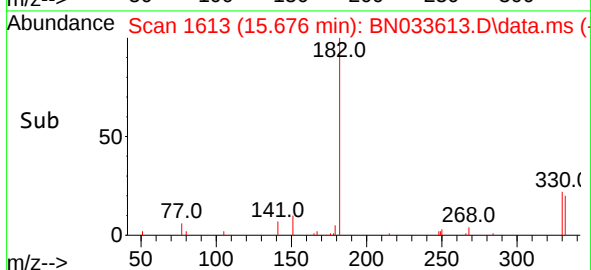
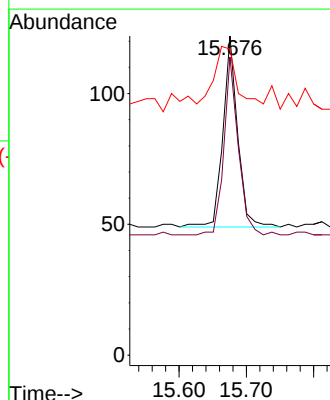
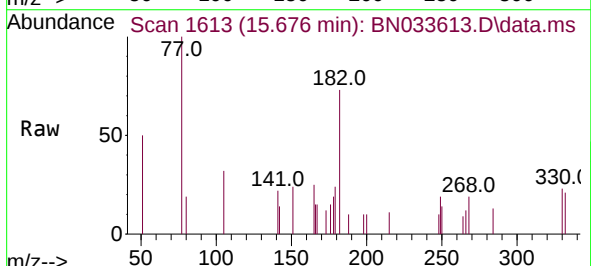
RT: 15.676 min Scan# 1613

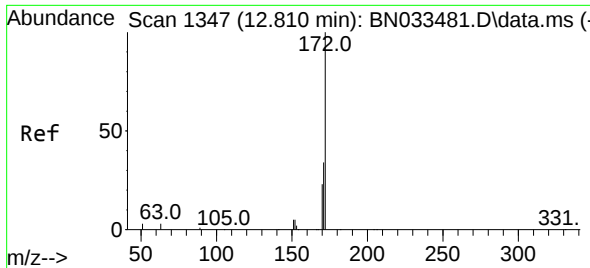
Delta R.T. -0.000 min

Lab File: BN033613.D

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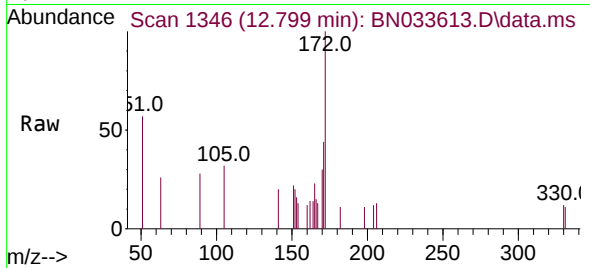
Tgt Ion:	330	Resp:	110
Ion Ratio	Lower	Upper	
330	100		
332	90.9	77.5	116.3
141	48.2	33.9	50.9





#15
2-Fluorobiphenyl
Concen: 0.015 ng
RT: 12.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FDDL

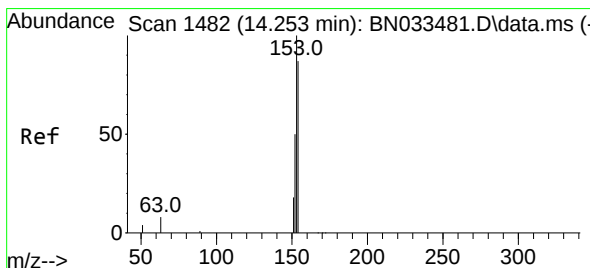
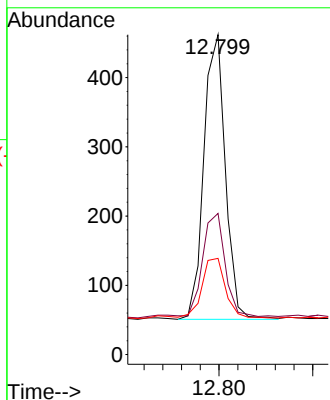
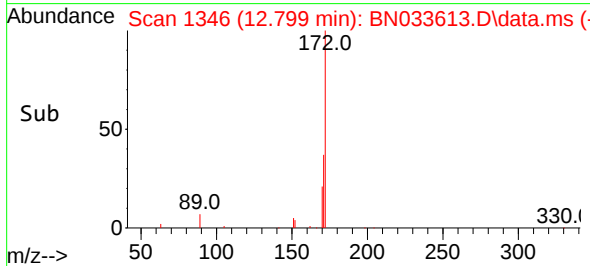


Tgt Ion:172 Resp: 654
Ion Ratio Lower Upper
172 100
171 44.2 27.7 41.5
170 30.1 18.3 27.5

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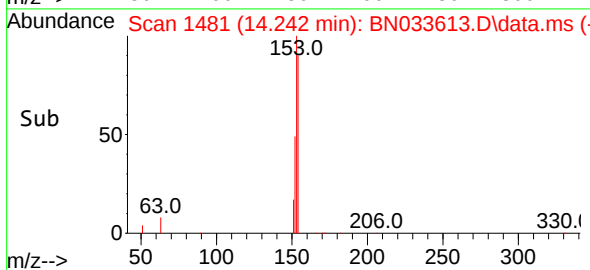
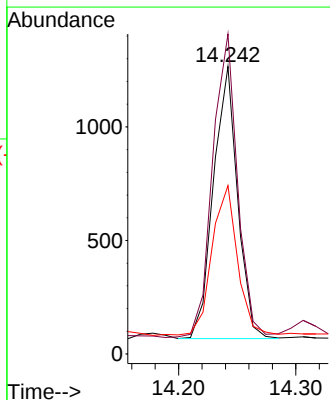
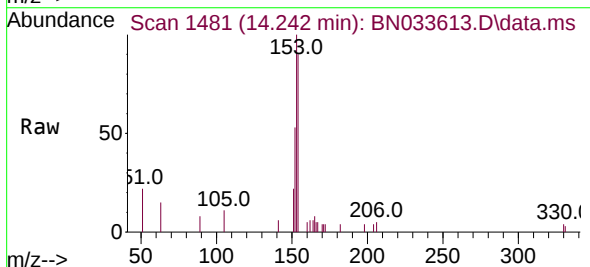
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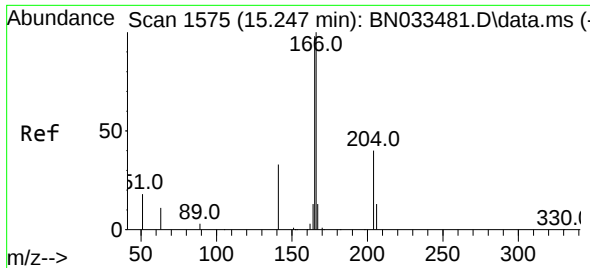
Supervised By :mohammad
ahmed
08/29/2024



#17
Acenaphthene
Concen: 0.054 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

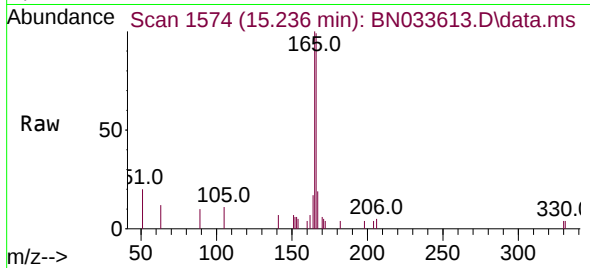
Tgt Ion:154 Resp: 1716
Ion Ratio Lower Upper
154 100
153 114.5 89.0 133.6
152 58.3 45.2 67.8





#18
Fluorene
Concen: 0.048 ng
RT: 15.236 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

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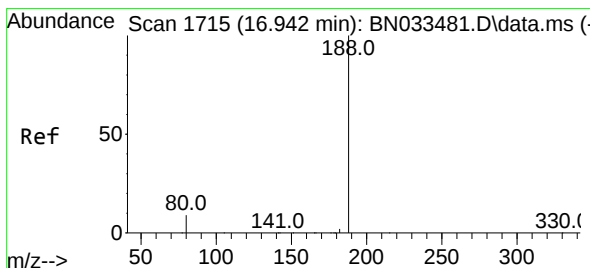
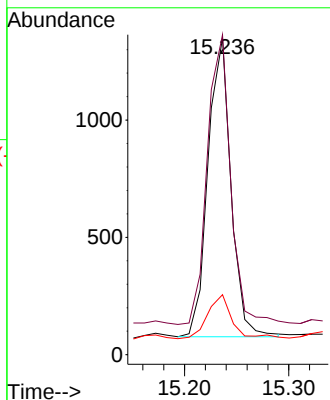
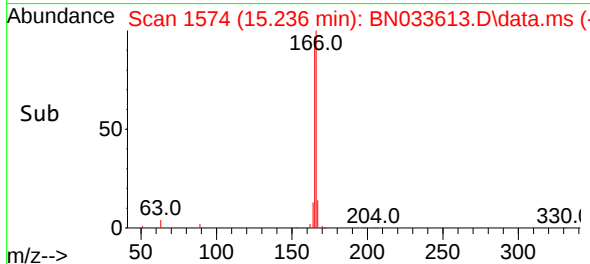


Tgt Ion:166 Resp: 1952
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.4
167 15.7 10.6 16.0

Manual Integrations
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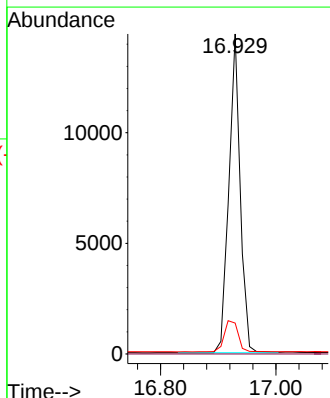
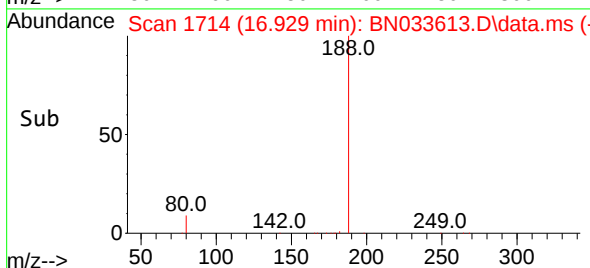
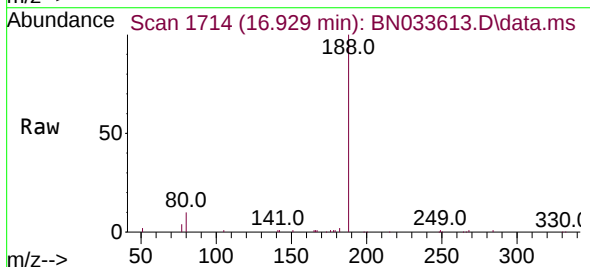
Reviewed By :Jagrut Upadhyay 08/26/2024
Supervised By :mohammad ahmed 08/29/2024

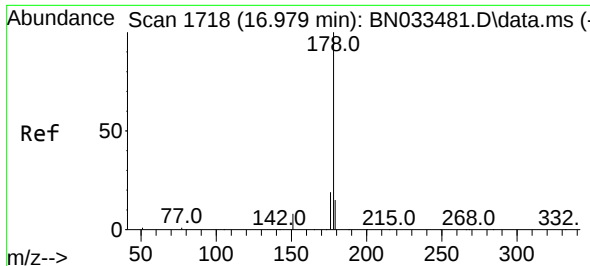
Supervised By :mohammad
ahmed
08/29/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

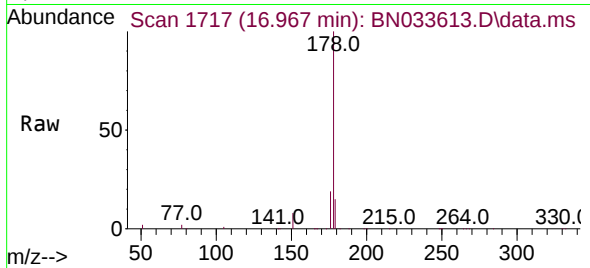
Tgt Ion:188 Resp: 19734
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.8 11.8





#25
Phenanthrene
Concen: 0.849 ng
RT: 16.967 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
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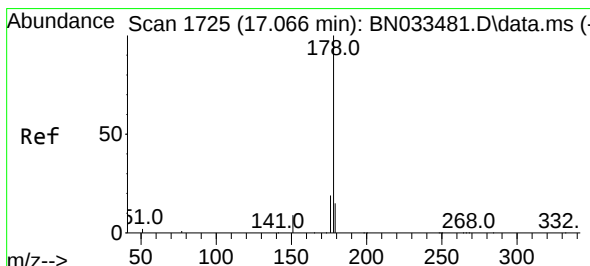
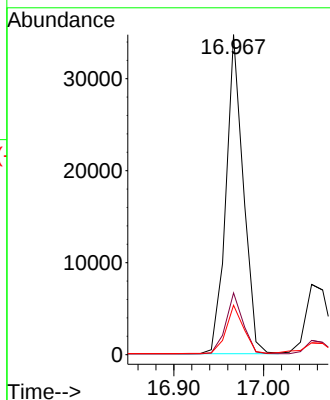
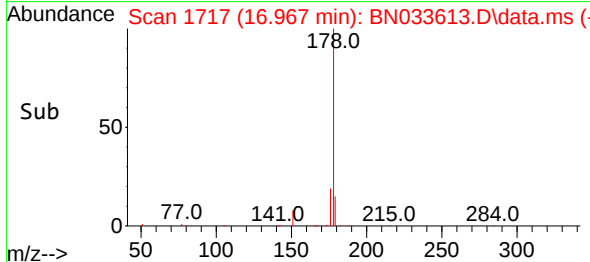


Tgt Ion:178 Resp: 46598
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 12.3 18.5

Manual Integrations
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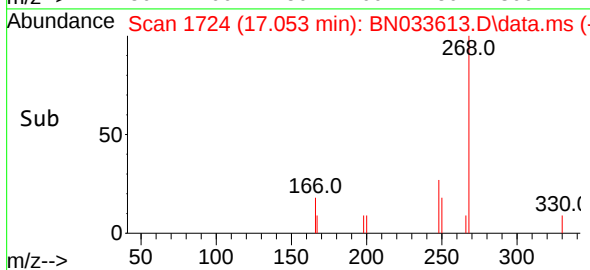
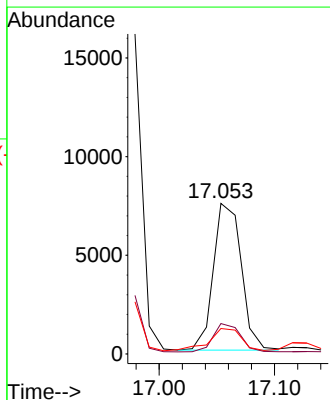
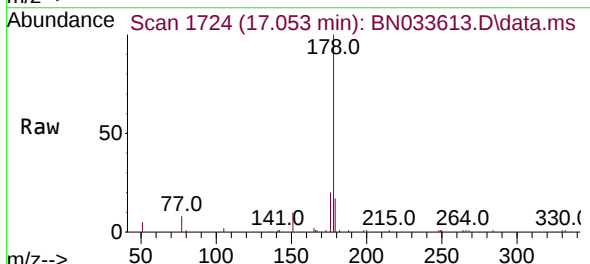
Reviewed By :Jagrut Upadhyay 08/26/2024
Supervised By :mohammad ahmed 08/29/2024

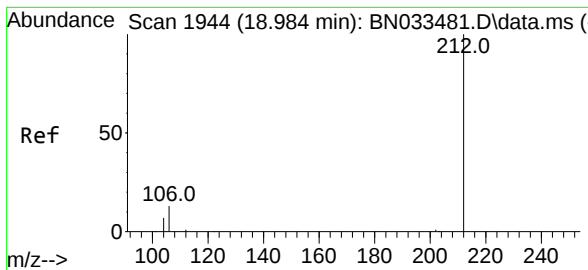
Supervised By :mohammad
ahmed
08/29/2024



#26
Anthracene
Concen: 0.258 ng
RT: 17.053 min Scan# 1724
Delta R.T. -0.012 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

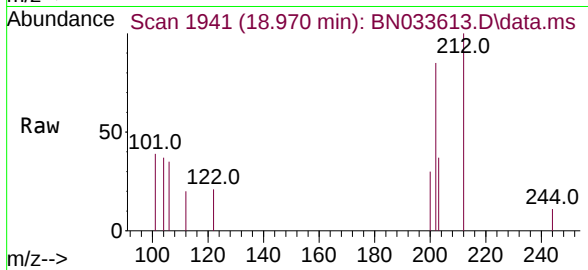
Tgt Ion:178 Resp: 12522
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 17.6 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.012 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FDDL

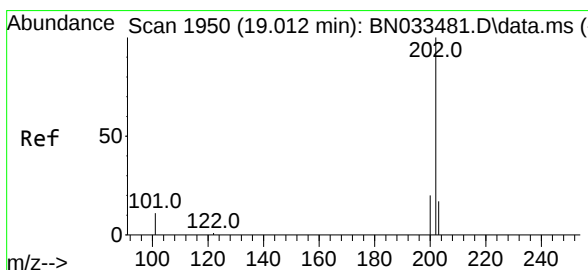
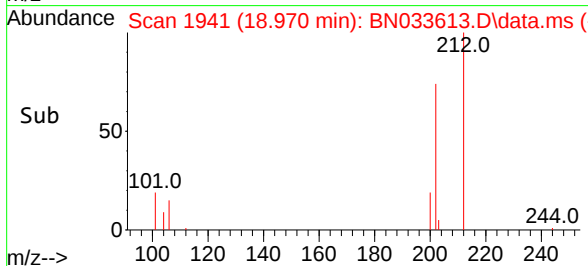
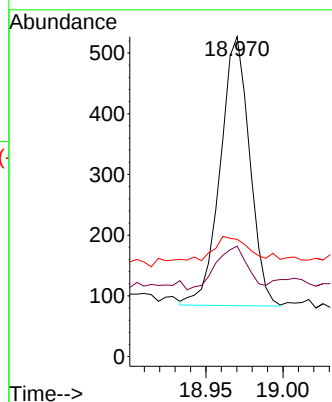


Tgt Ion:212 Resp: 588
Ion Ratio Lower Upper
212 100
106 17.3 12.3 18.5
104 10.0 7.0 10.4

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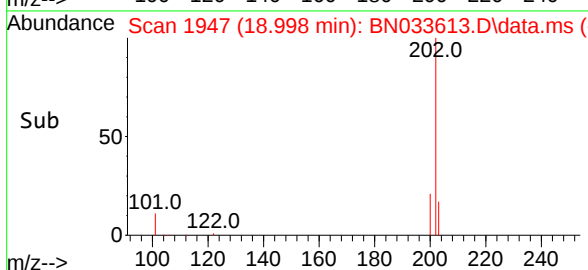
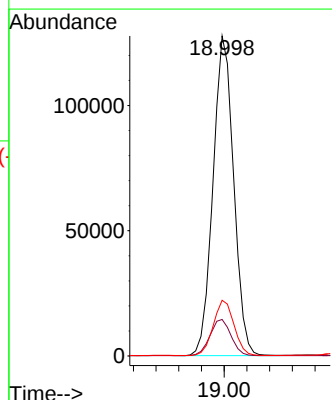
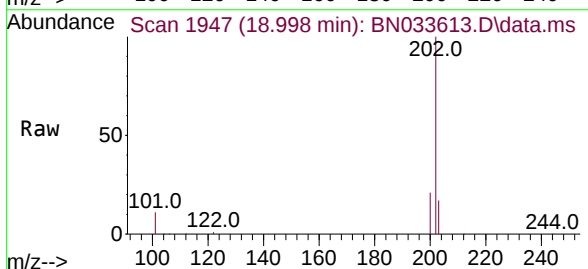
Reviewed By :Jagrut Upadhyay 08/26/2024
Supervised By :mohammad ahmed 08/29/2024

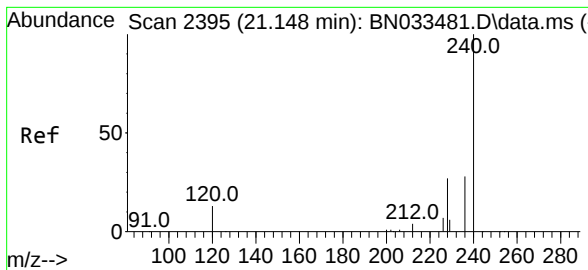
Supervised By :mohammad
ahmed
08/29/2024



#28
Fluoranthene
Concen: 2.655 ng
RT: 18.998 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

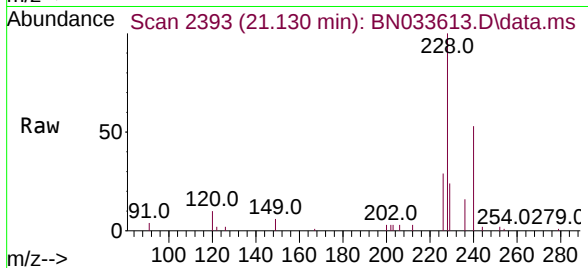
Tgt Ion:202 Resp: 161055
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
203 17.3 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.130 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FDDL

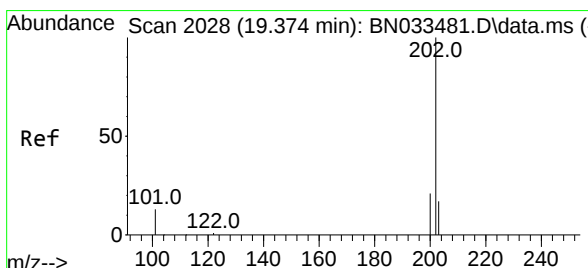
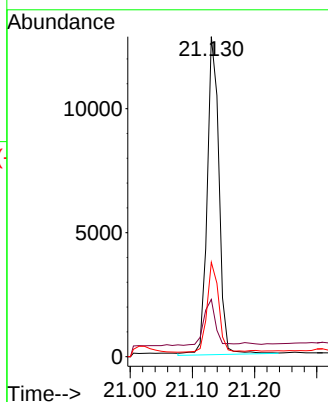
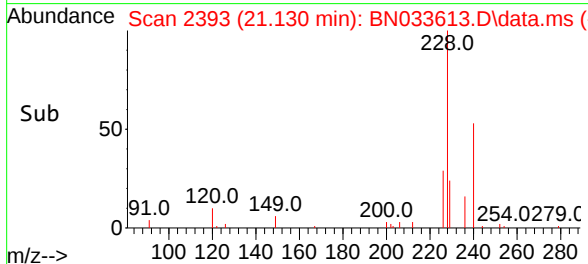


Tgt Ion:240 Resp: 1688
Ion Ratio Lower Upper
240 100
120 17.9 12.4 18.6
236 29.5 23.0 34.6

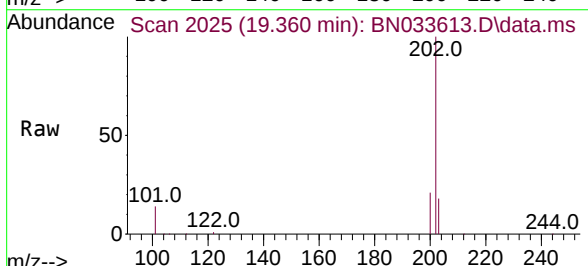
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Supervised By :mohammad ahmed 08/29/2024

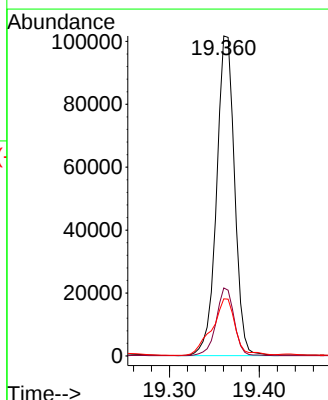
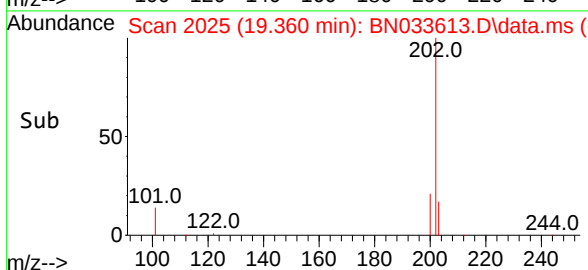
Supervised By :mohammad
ahmed
08/29/2024

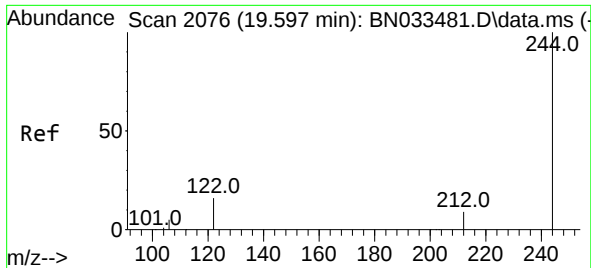


#30
Pyrene
Concen: 1.868 ng
RT: 19.360 min Scan# 2025
Delta R.T. -0.005 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57



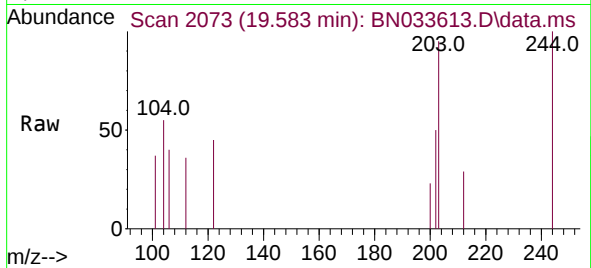
Tgt Ion:202 Resp: 140751
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 22.7 14.2 21.4





#31
Terphenyl-d14
Concen: 0.011 ng
RT: 19.583 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FDDL

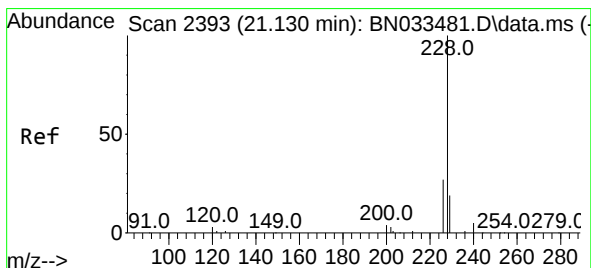
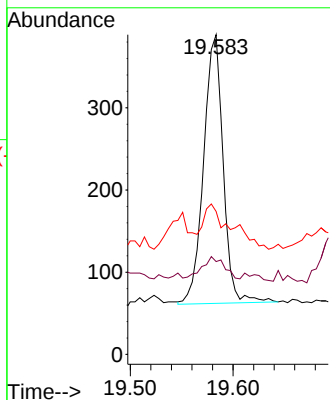


Tgt Ion:244 Resp: 43
Ion Ratio Lower Upper
244 100
212 29.0 7.8 11.6
122 44.7 13.3 19.9

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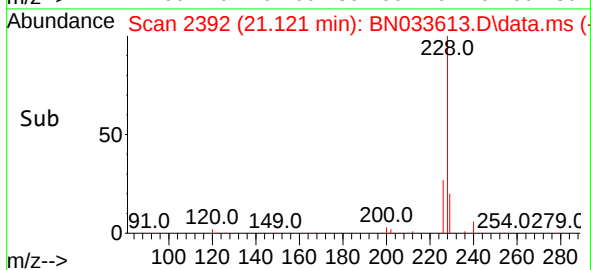
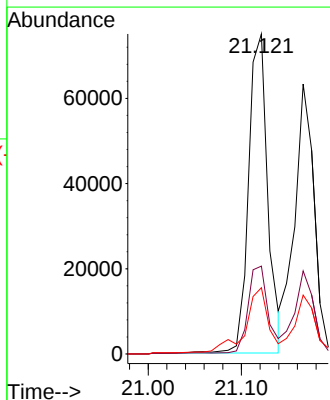
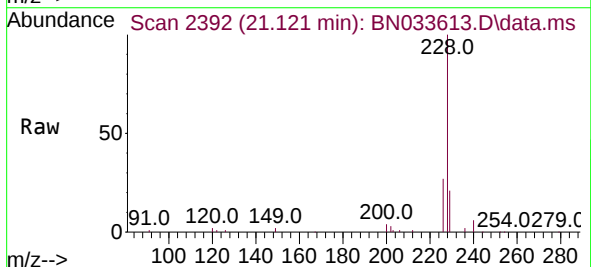
Reviewed By :Jagrut Upadhyay 08/26/2024
Supervised By :mohammad ahmed 08/29/2024

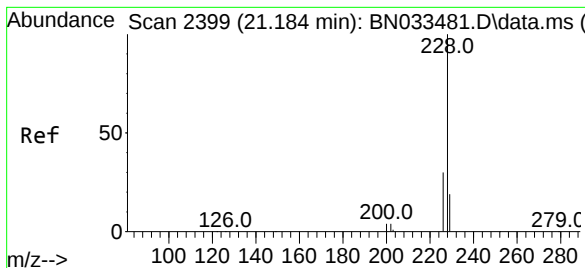
Supervised By :mohammad
ahmed
08/29/2024



#32
Benzo(a)anthracene
Concen: 1.750 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion:228 Resp: 106829
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.6
229 20.7 15.8 23.6





#33

Chrysene

Concen: 1.502 ng

RT: 21.166 min Scan# 2111

Delta R.T. -0.009 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

Instrument :

BNA_N

ClientSampleId :

S-905-KJ-SO-0-0.5-081924-FDDL

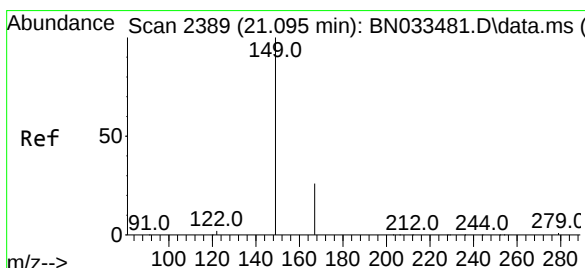
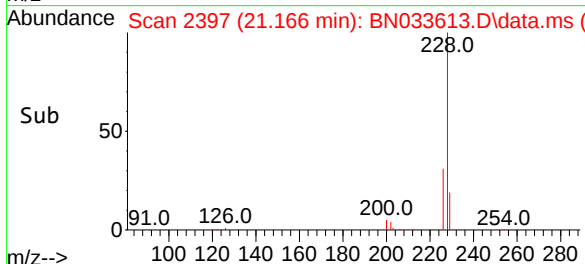
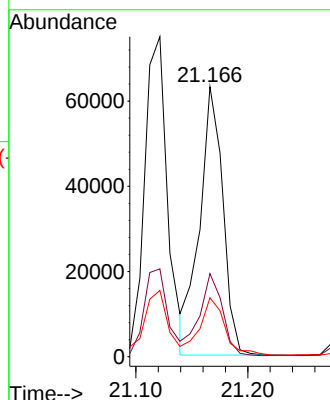
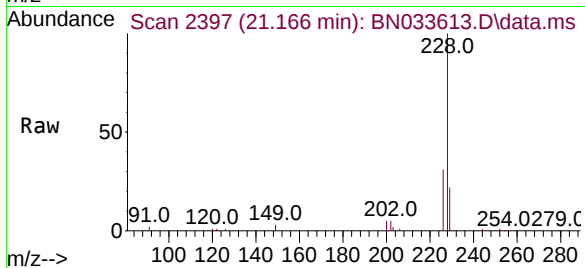
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.8
229	21.8	15.6	23.4

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Supervised By :mohammad
ahmed
08/29/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng m

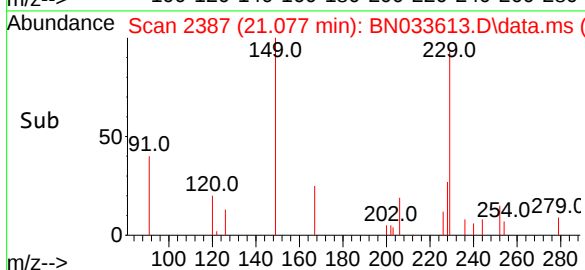
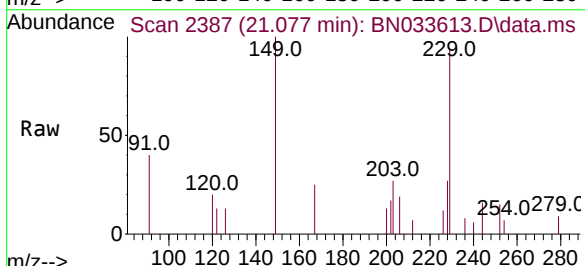
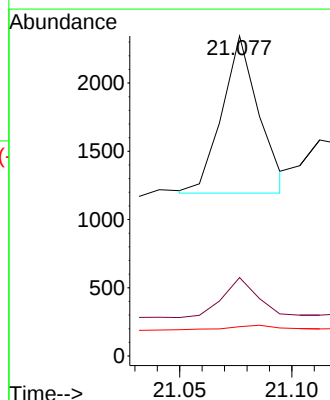
RT: 21.077 min Scan# 2387

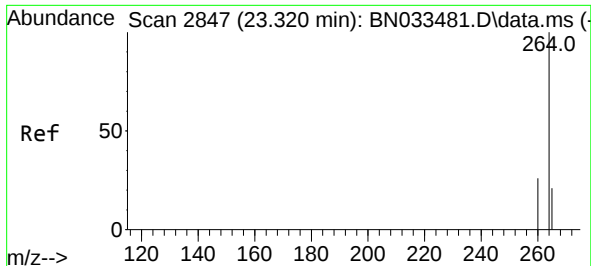
Delta R.T. -0.009 min

Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

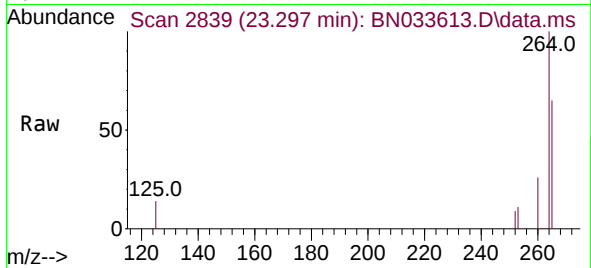
Tgt Ion	Ratio	Lower	Upper
149	100		
167	150.3	21.5	32.3#
279	97.4	2.2	3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.297 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FDDL

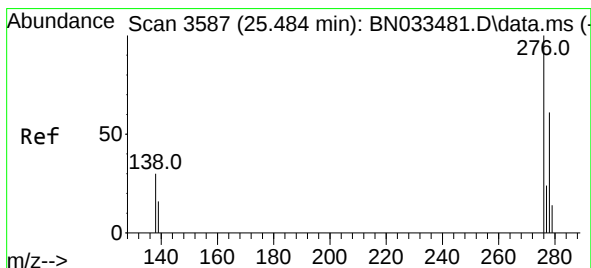
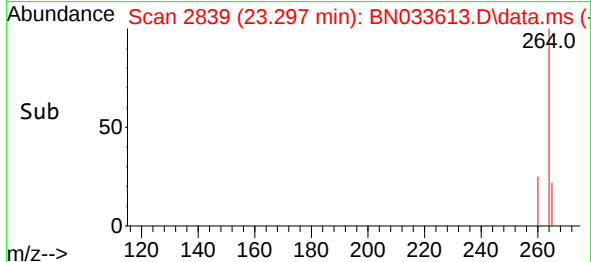
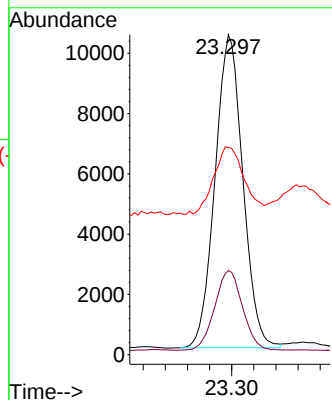


Tgt Ion:264 Resp: 18150
Ion Ratio Lower Upper
264 100
260 26.3 20.8 31.2
265 64.8 52.2 78.2

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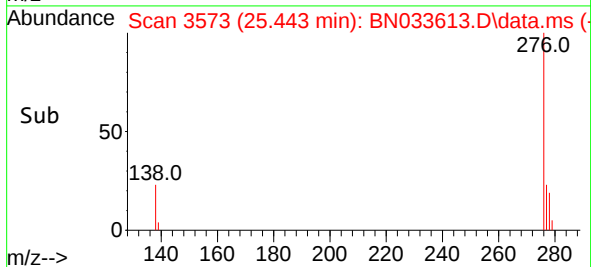
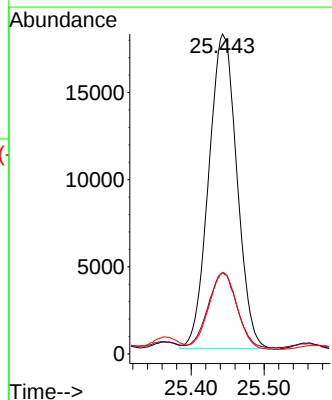
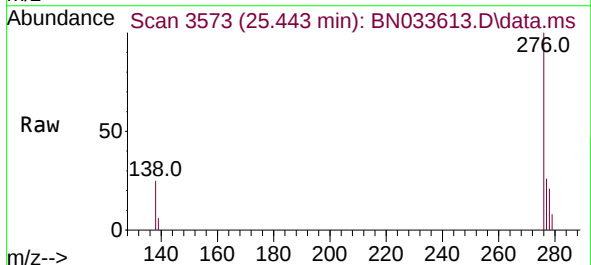
Reviewed By :Jagrut Upadhyay 08/26/2024
Supervised By :mohammad ahmed 08/29/2024

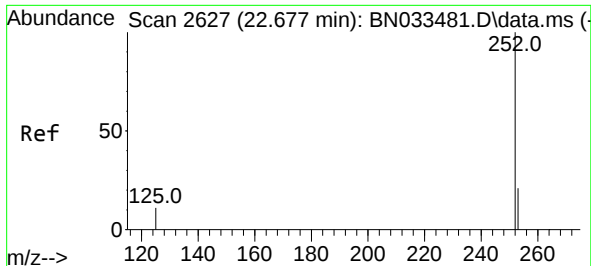
Supervised By :mohammad
ahmed
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#36
Indeno(1,2,3-cd)pyrene
Concen: 0.644 ng
RT: 25.443 min Scan# 3573
Delta R.T. -0.006 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Tgt Ion:276 Resp: 48539
Ion Ratio Lower Upper
276 100
138 24.4 24.4 36.6#
277 24.6 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 1.849 ng

RT: 22.657 min Scan# 2620

Delta R.T. -0.003 min

Lab File: BN033613.D

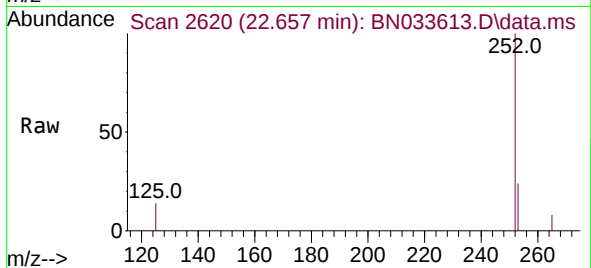
Acq: 24 Aug 2024 05:57

Instrument :

BNA_N

ClientSampleId :

S-905-KJ-SO-0-0.5-081924-FDDL



Tgt Ion:252 Resp: 12534

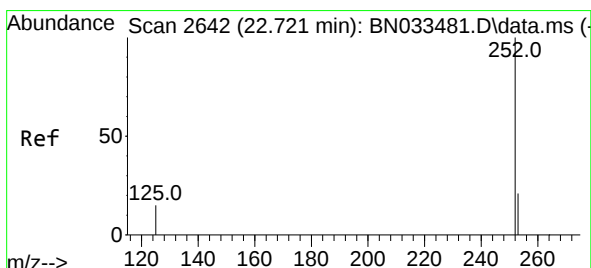
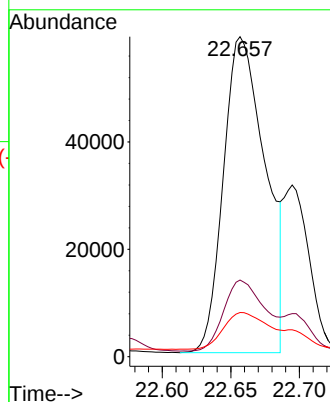
Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	13.8	13.9	20.9

Manual Integrations

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Supervised By :mohammad
ahmed
08/29/2024



#38

Benzo(k)fluoranthene

Concen: 0.619 ng m

RT: 22.695 min Scan# 2633

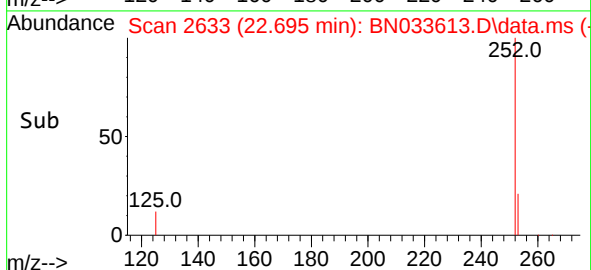
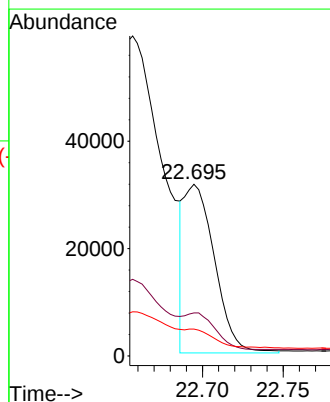
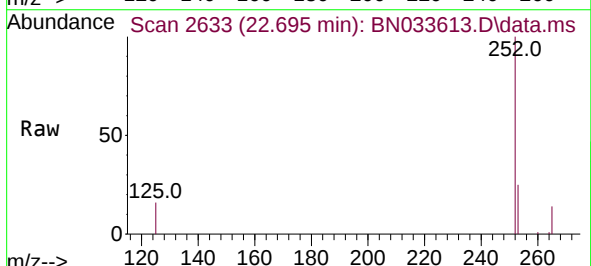
Delta R.T. -0.009 min

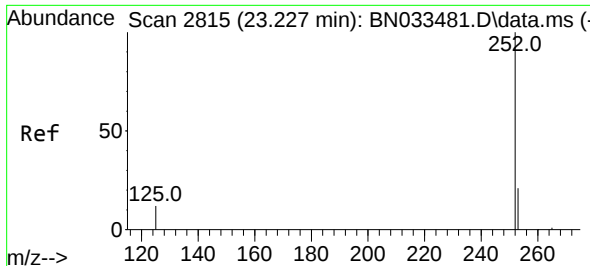
Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

Tgt Ion:252 Resp: 41286

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.8	29.8
125	15.6	15.8	23.8





#39

Benzo(a)pyrene

Concen: 1.524 ng m

RT: 23.203 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN033613.D

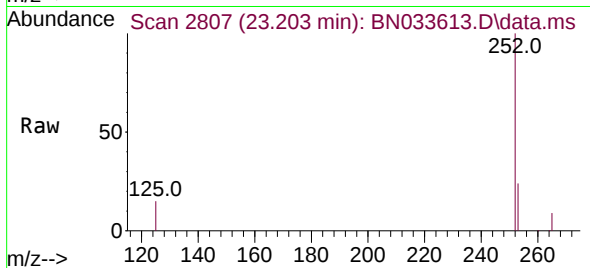
Acq: 24 Aug 2024 05:57

Instrument :

BNA_N

ClientSampleId :

S-905-KJ-SO-0-0.5-081924-FDDL



Tgt Ion:252 Resp: 85490

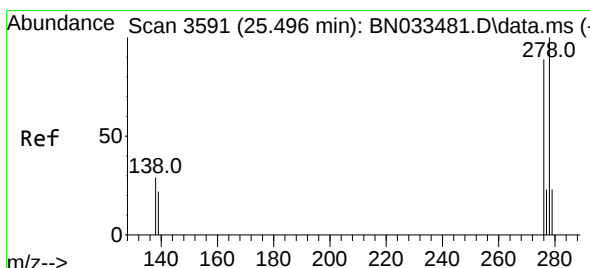
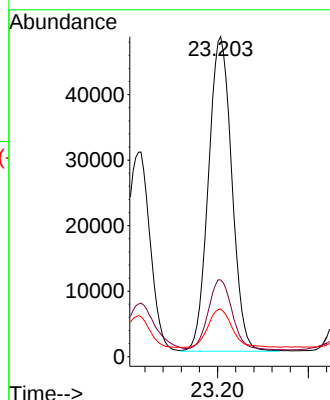
Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.5	32.3
125	14.9	17.0	25.4

Manual Integrations

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Supervised By :mohammad
ahmed
08/29/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.214 ng

RT: 25.452 min Scan# 3576

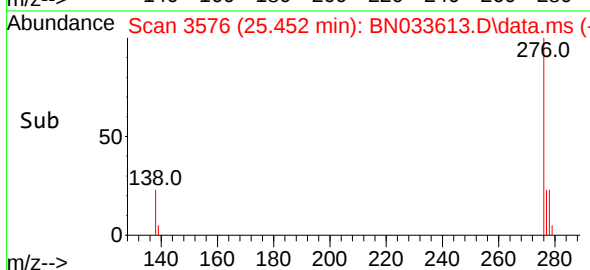
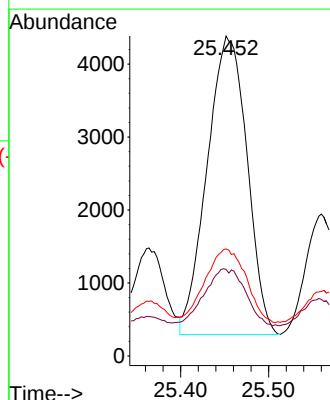
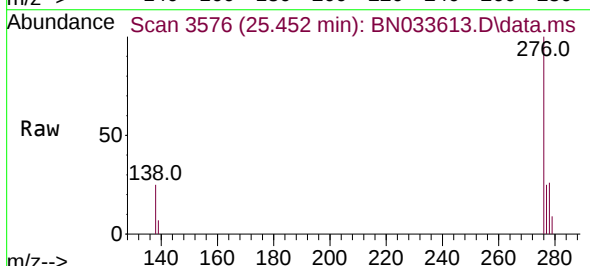
Delta R.T. -0.018 min

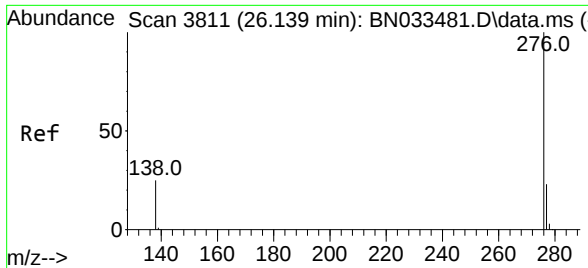
Lab File: BN033613.D

Acq: 24 Aug 2024 05:57

Tgt Ion:278 Resp: 12902

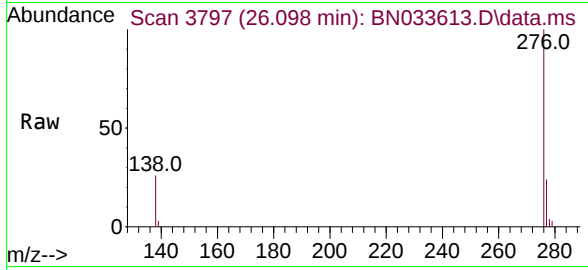
Ion	Ratio	Lower	Upper
278	100		
139	27.1	19.1	28.7
279	33.4	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.670 ng
RT: 26.098 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN033613.D
Acq: 24 Aug 2024 05:57

Instrument :
BNA_N
ClientSampleId :
S-905-KJ-SO-0-0.5-081924-FDDL



Tgt Ion:276 Resp: 43198
Ion Ratio Lower Upper
276 100
277 24.5 19.7 29.5
138 26.1 21.8 32.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/26/2024
Supervised By :mohammad ahmed 08/29/2024

Supervised By :mohammad
ahmed
08/29/2024

