

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034559.D
 Acq On : 11 Oct 2024 17:35
 Operator : RC/JU
 Sample : PB164072BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB164072BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 18:02:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	3683	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	10158	0.400	ng	-0.01
13) Acenaphthene-d10	14.015	164	5342	0.400	ng	0.00
19) Phenanthrene-d10	16.778	188	9370	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	4813	0.400	ng	0.00
35) Perylene-d12	23.111	264	6818	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	3259	0.312	ng	0.00
5) Phenol-d6	6.585	99	3188m	0.262	ng	0.01
8) Nitrobenzene-d5	8.514	82	2361	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	11.723	152	9069	0.605	ng	0.00
14) 2,4,6-Tribromophenol	15.537	330	636	0.263	ng	0.00
15) 2-Fluorobiphenyl	12.636	172	7531	0.347	ng	0.00
27) Fluoranthene-d10	18.827	212	8557	0.362	ng	0.00
31) Terphenyl-d14	19.450	244	5402	0.562	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	1693	0.368	ng	# 31
3) n-Nitrosodimethylamine	3.321	42	1886	0.360	ng	# 90
6) bis(2-Chloroethyl)ether	6.817	93	3284	0.305	ng	93
9) Naphthalene	10.169	128	10869	0.390	ng	99
10) Hexachlorobutadiene	10.458	225	2414	0.460	ng	# 98
12) 2-Methylnaphthalene	11.803	142	6679	0.368	ng	99
16) Acenaphthylene	13.737	152	8654	0.378	ng	99
17) Acenaphthene	14.079	154	6370	0.388	ng	98
18) Fluorene	15.084	166	7427	0.345	ng	100
20) 4,6-Dinitro-2-methylph...	16.294	198	56	0.170	ng	# 22
21) 4-Bromophenyl-phenylether	15.984	248	2000	0.380	ng	# 77
22) Hexachlorobenzene	16.083	284	3076	0.521	ng	# 91
23) Atrazine	16.282	200	1438	0.329	ng	# 91
24) Pentachlorophenol	16.455	266	1087	0.557	ng	98
25) Phenanthrene	16.828	178	10680	0.397	ng	100
26) Anthracene	16.915	178	8017	0.365	ng	99
28) Fluoranthene	18.855	202	11038	0.354	ng	98
30) Pyrene	19.222	202	11539	0.568	ng	100
32) Benzo(a)anthracene	21.006	228	2016m	0.132	ng	
33) Chrysene	21.042	228	10502m	0.578	ng	
36) Indeno(1,2,3-cd)pyrene	25.166	276	13842	0.474	ng	95
37) Benzo(b)fluoranthene	22.491	252	9711	0.364	ng	94
38) Benzo(k)fluoranthene	22.532	252	11670	0.416	ng	94
39) Benzo(a)pyrene	23.020	252	9816	0.451	ng	94
40) Dibenzo(a,h)anthracene	25.186	278	10471	0.461	ng	95
41) Benzo(g,h,i)perylene	25.786	276	12195	0.478	ng	96

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

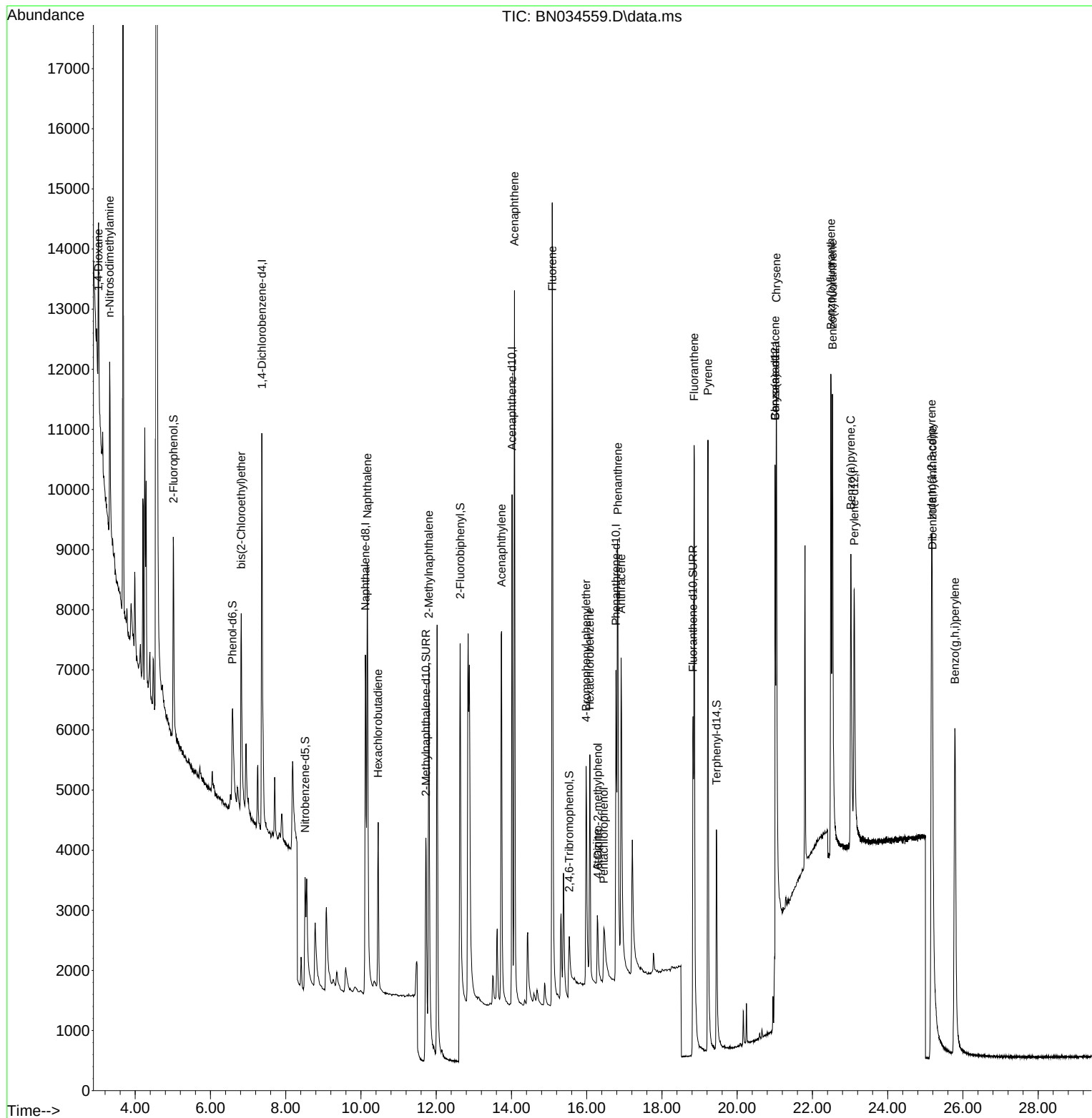
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Data File : BN034559.D
Acq On : 11 Oct 2024 17:35
Operator : RC/JU
Sample : PB164072BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

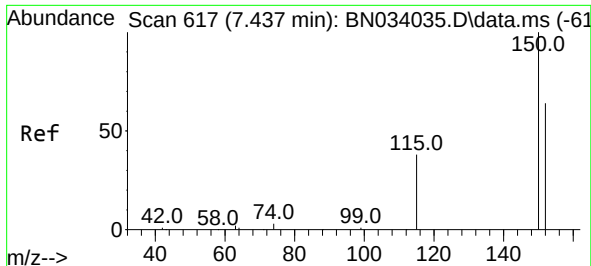
Instrument :
BNA_N
ClientSampleId :
PB164072BS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
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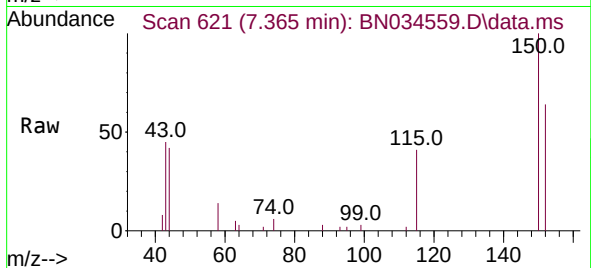
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.365 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN034559.D
 Acq: 11 Oct 2024 17:35

Instrument :

BNA_N

ClientSampleId :

PB164072BS

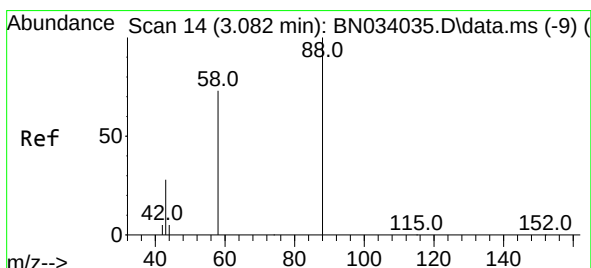
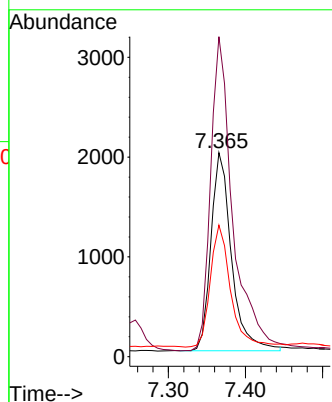


Tgt Ion:152 Resp: 368
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 187.0
 115 64.5 50.0 75.0

Manual Integrations

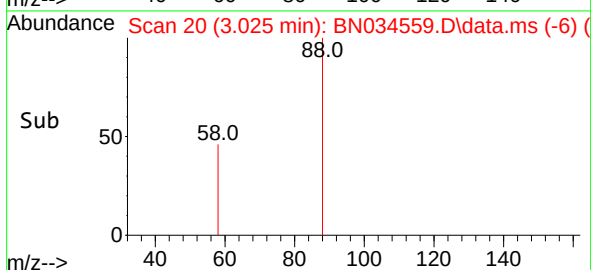
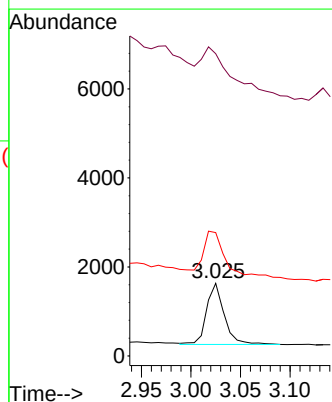
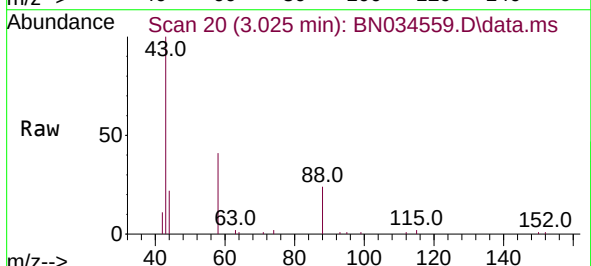
APPROVED

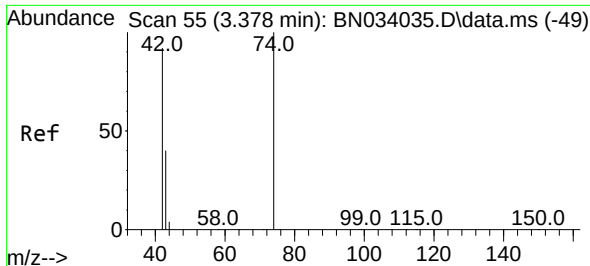
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024



#2
 1,4-Dioxane
 Concen: 0.368 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN034559.D
 Acq: 11 Oct 2024 17:35

Tgt Ion: 88 Resp: 1693
 Ion Ratio Lower Upper
 88 100
 43 132.6 25.8 38.8#
 58 91.2 58.8 88.2#





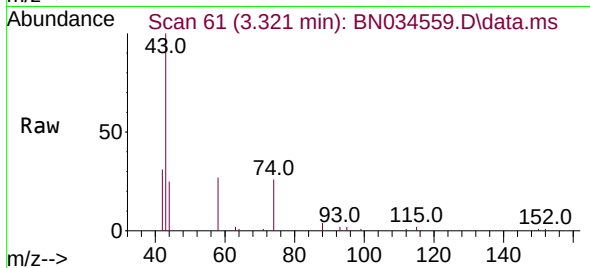
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.321 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Instrument :

BNA_N

ClientSampleId :

PB164072BS

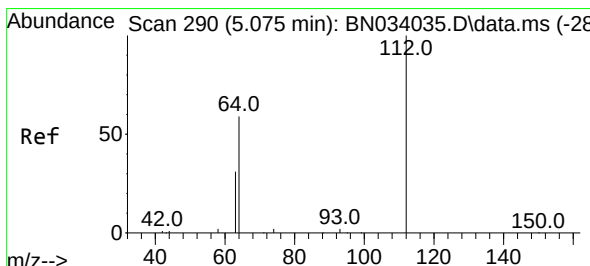
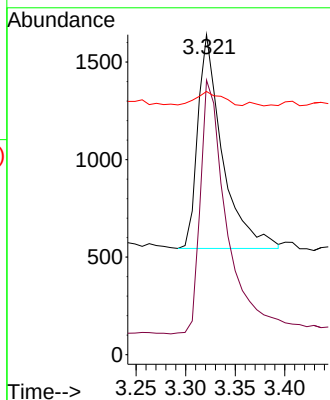
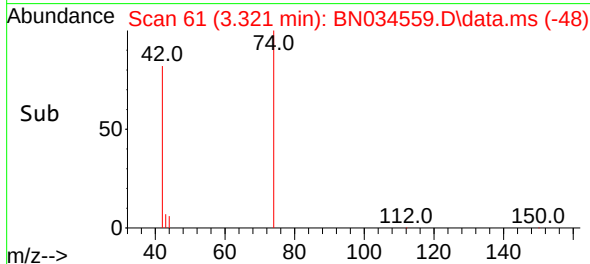


Tgt Ion: 42 Resp: 1880
Ion Ratio Lower Upper
42 100
74 127.4 94.6 142.0
44 6.7 12.4 18.6

Manual Integrations

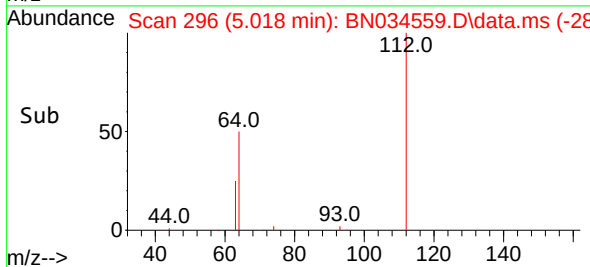
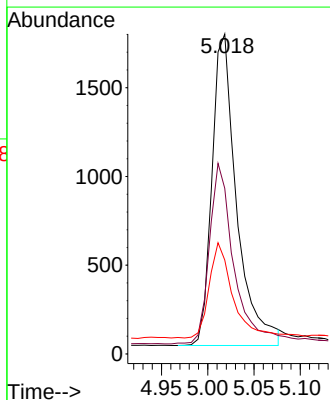
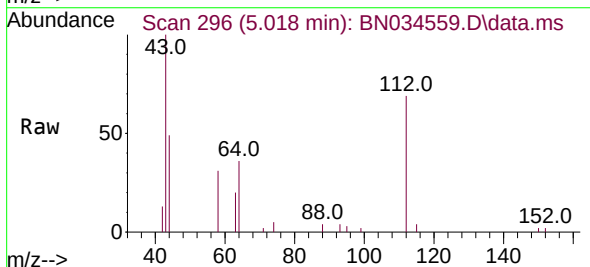
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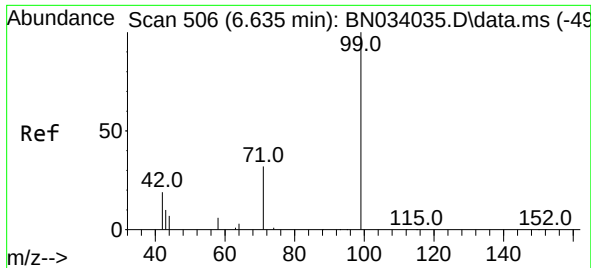
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.018 min Scan# 296
Delta R.T. 0.007 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

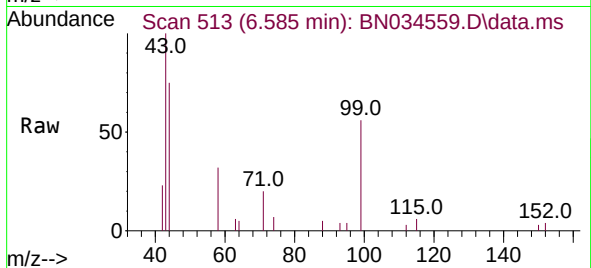
Tgt Ion:112 Resp: 3259
Ion Ratio Lower Upper
112 100
64 56.9 48.6 72.8
63 29.3 25.6 38.4





#5
Phenol-d6
Concen: 0.262 ng m
RT: 6.585 min Scan# 513
Delta R.T. 0.014 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

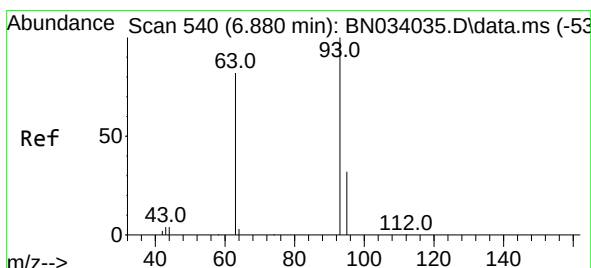
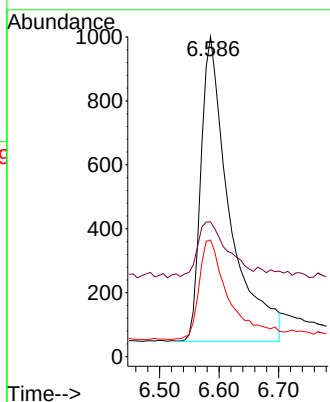
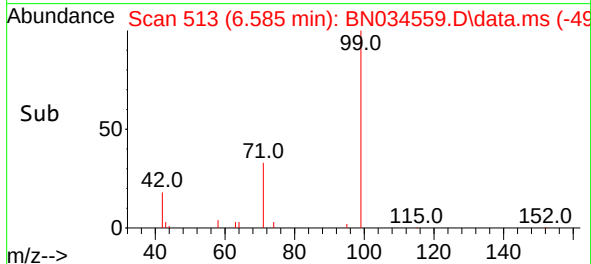
Instrument :
BNA_N
ClientSampleId :
PB164072BS



Tgt Ion: 99 Resp: 318
Ion Ratio Lower Upper
99 100
42 17.3 17.8 26.8
71 29.0 26.2 39.2

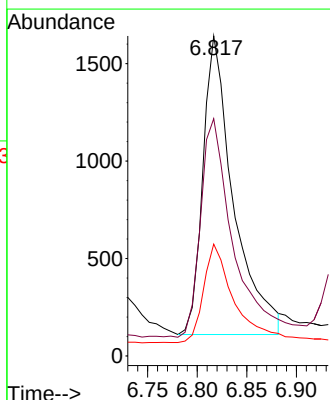
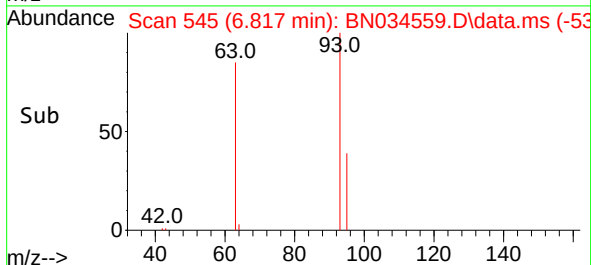
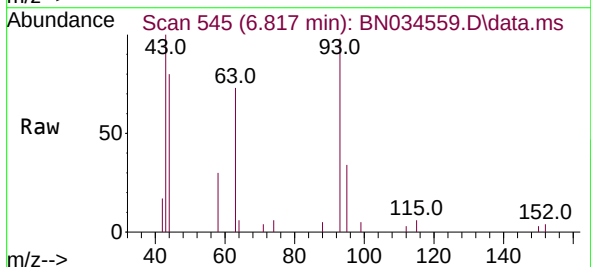
Manual Integrations
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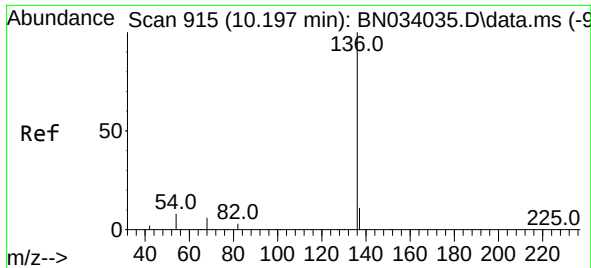
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.305 ng
RT: 6.817 min Scan# 545
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Tgt Ion: 93 Resp: 3284
Ion Ratio Lower Upper
93 100
63 76.2 67.3 100.9
95 32.7 26.8 40.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Instrument :

BNA_N

ClientSampleId :

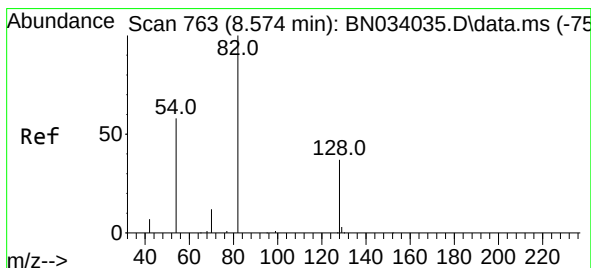
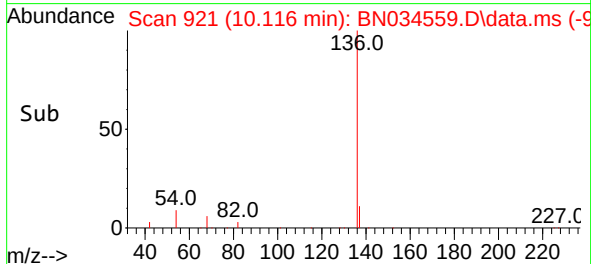
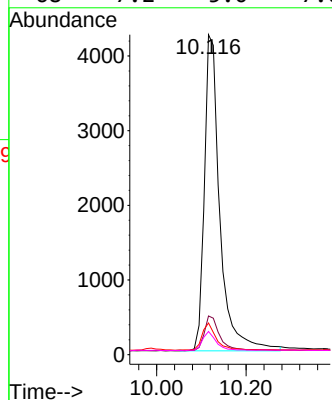
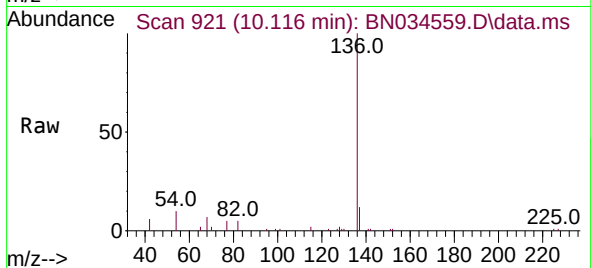
PB164072BS

Tgt Ion:136 Resp: 10158
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 9.9 6.8 10.2
68 7.2 5.0 7.6

Manual Integrations

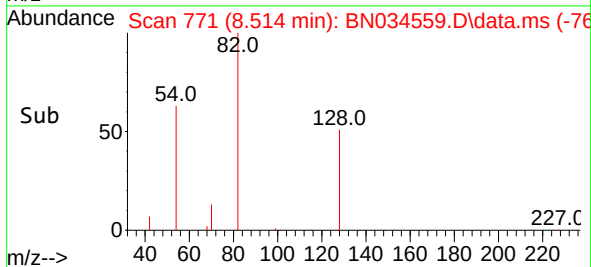
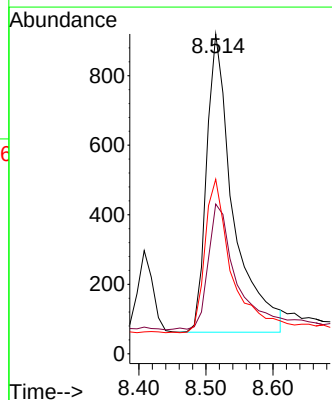
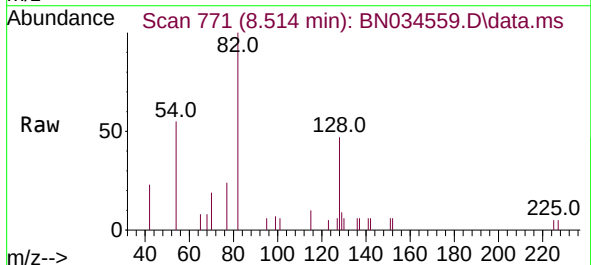
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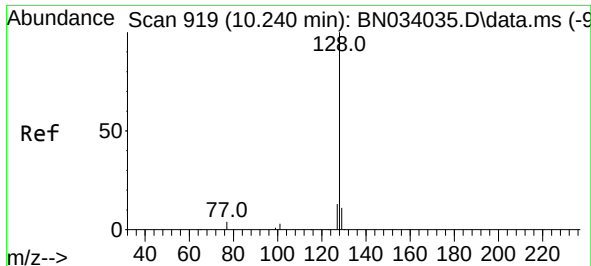
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.514 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Tgt Ion: 82 Resp: 2361
Ion Ratio Lower Upper
82 100
128 46.8 31.4 47.2
54 54.6 47.4 71.0





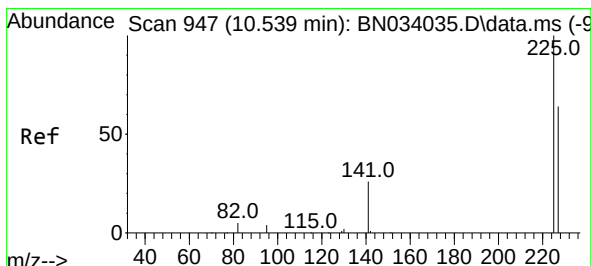
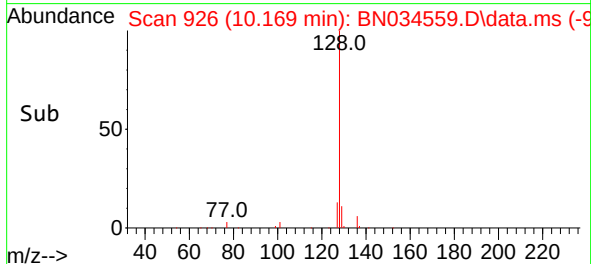
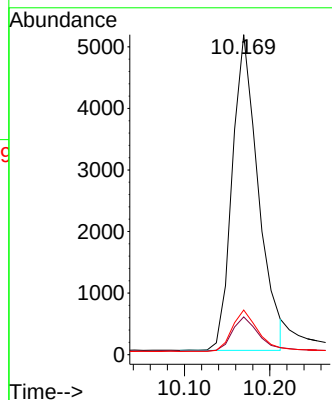
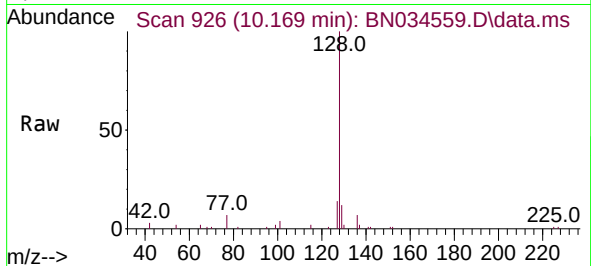
#9
Naphthalene
Concen: 0.390 ng
RT: 10.169 min Scan# 919
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Instrument :
BNA_N
ClientSampleId :
PB164072BS

Tgt Ion:128 Resp: 10869
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.0 10.7 16.1

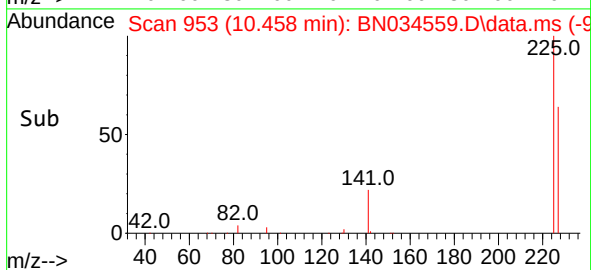
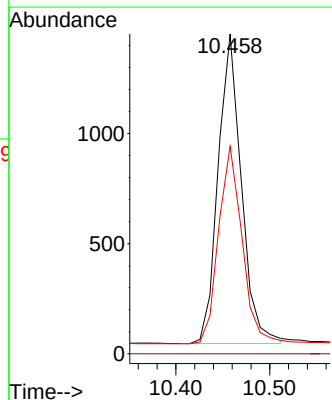
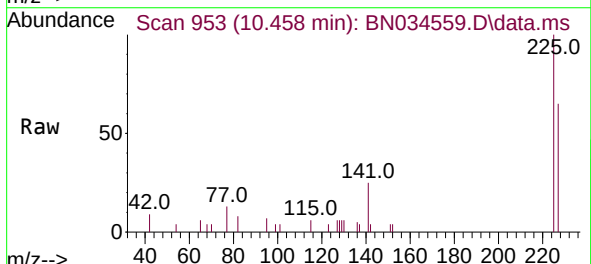
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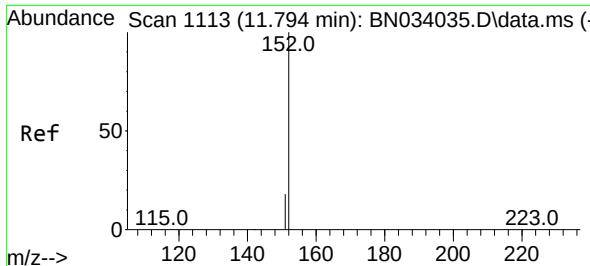
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#10
Hexachlorobutadiene
Concen: 0.460 ng
RT: 10.458 min Scan# 953
Delta R.T. -0.011 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

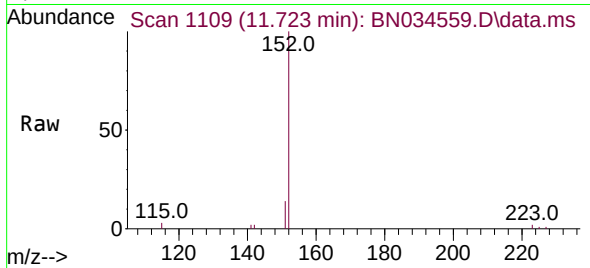
Tgt Ion:225 Resp: 2414
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.5 50.5 75.7





#11
2-Methylnaphthalene-d10
Concen: 0.605 ng
RT: 11.723 min Scan# 1109
Delta R.T. -0.004 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

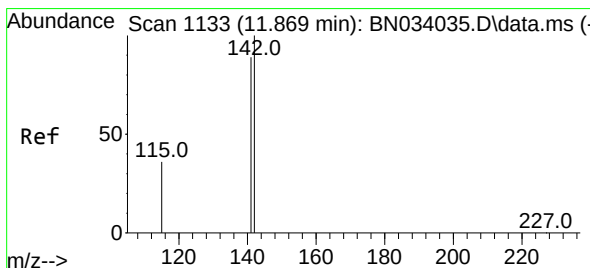
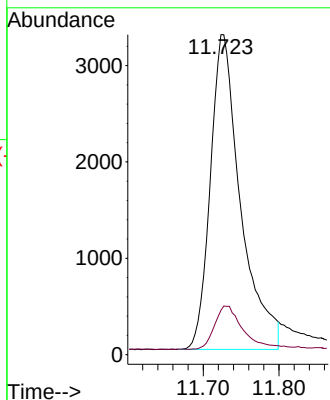
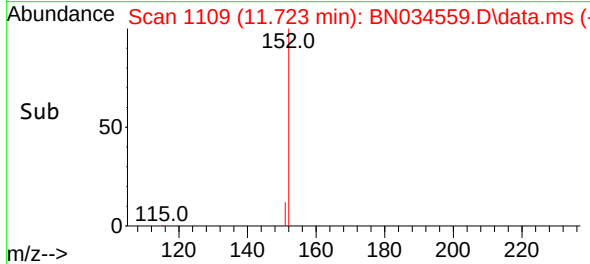
Instrument :
BNA_N
ClientSampleId :
PB164072BS



Tgt Ion:152 Resp: 9069
Ion Ratio Lower Upper
152 100
151 12.9 16.8 25.2

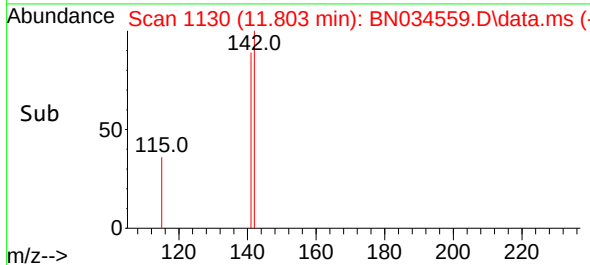
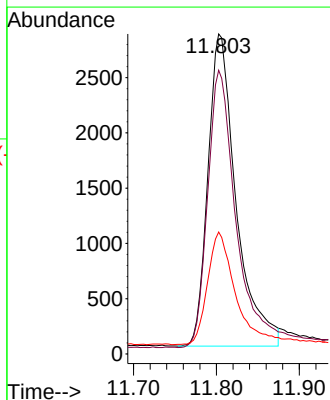
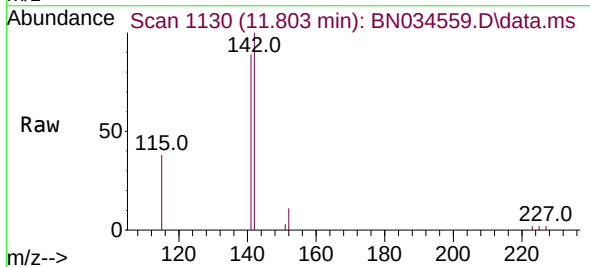
Manual Integrations
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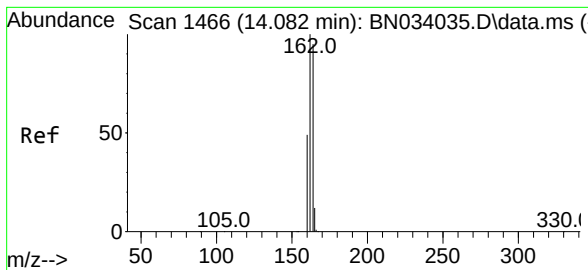
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 11.803 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

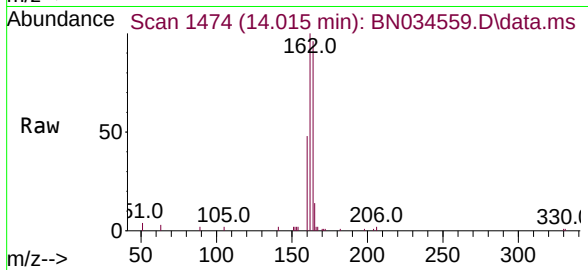
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Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4
115 38.1 30.0 45.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.015 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

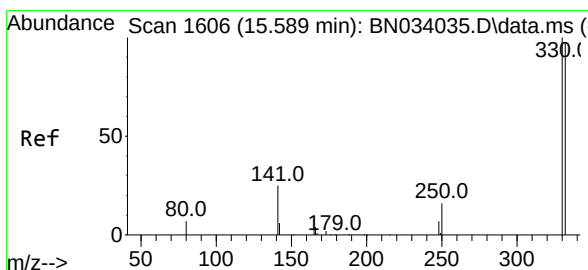
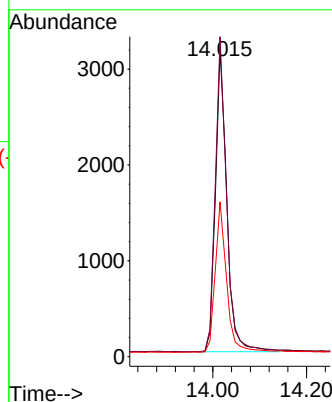
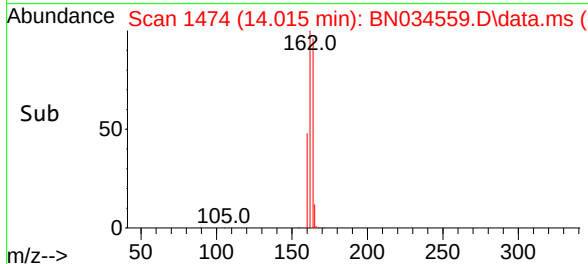
Instrument :
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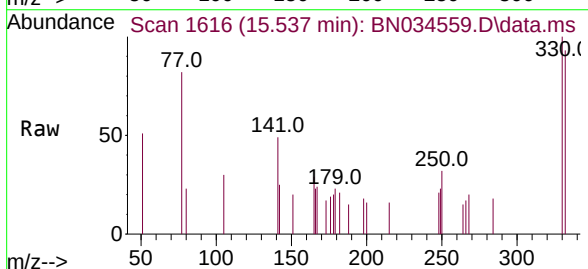
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Ion Ratio Lower Upper
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162 104.0 84.2 126.2
160 50.3 41.7 62.5

Manual Integrations
APPROVED

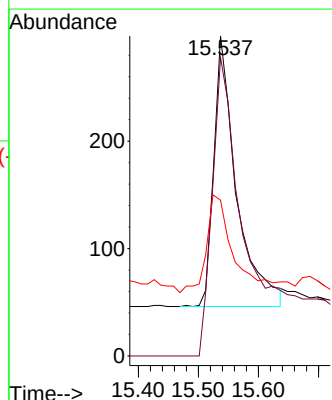
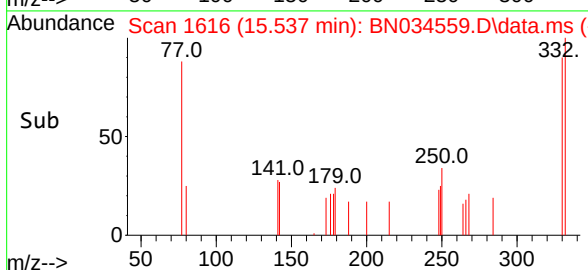
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

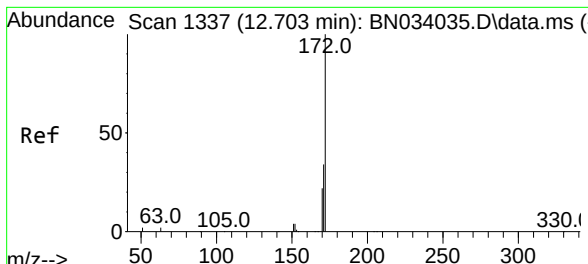


#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.537 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35



Tgt Ion:330 Resp: 636
Ion Ratio Lower Upper
330 100
332 155.0 77.4 116.0#
141 42.5 35.9 53.9





#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.636 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Instrument :

BNA_N

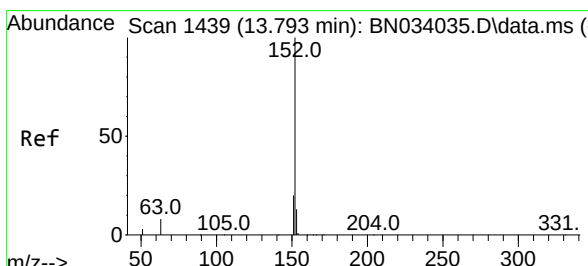
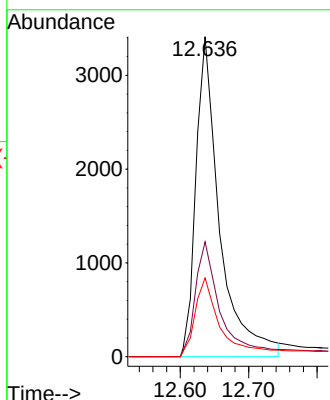
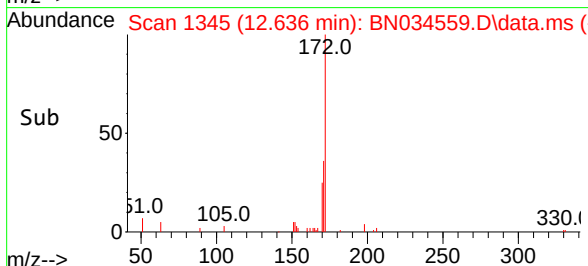
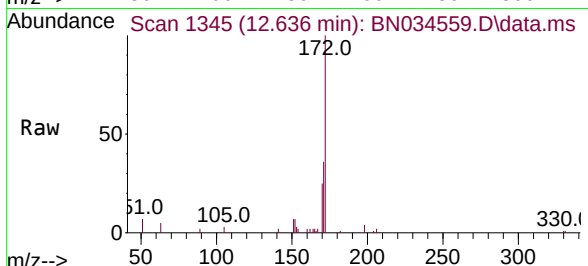
ClientSampleId :

PB164072BS

Tgt Ion:	172	Resp:	753
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.3	40.9
170	24.6	18.1	27.1

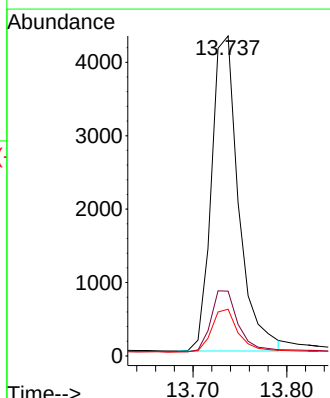
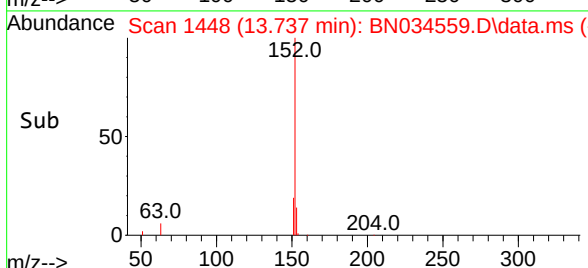
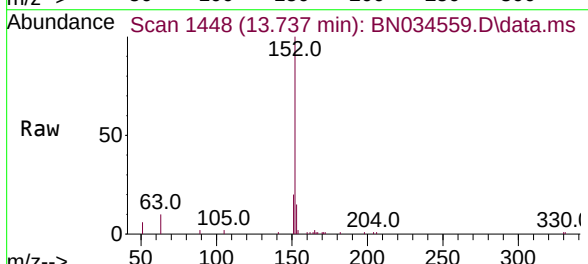
Manual Integrations
APPROVED

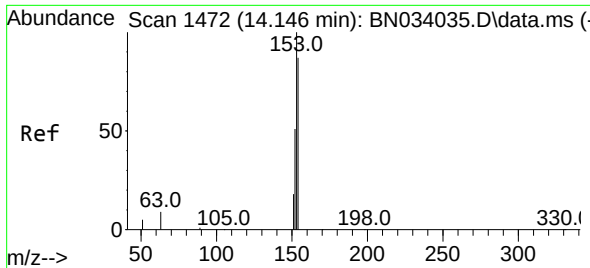
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.737 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

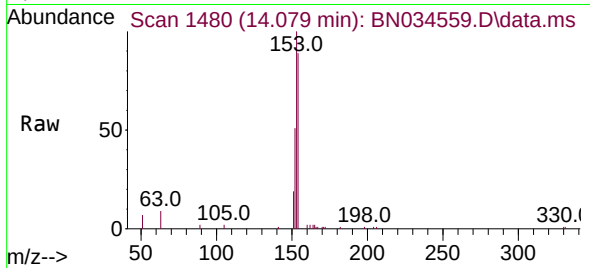
Tgt Ion:	152	Resp:	8654
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.6	23.4
153	13.6	10.3	15.5





#17
Acenaphthene
Concen: 0.388 ng
RT: 14.079 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

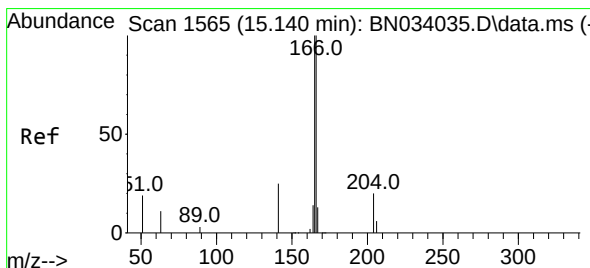
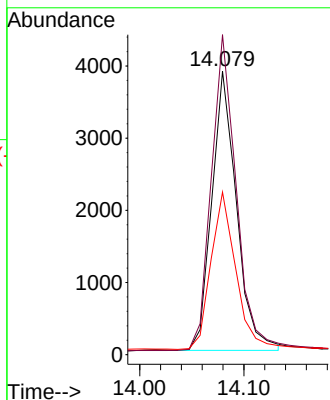
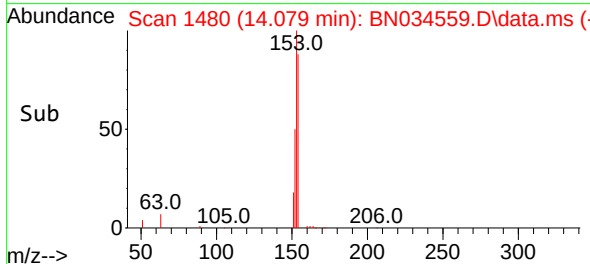
Instrument :
BNA_N
ClientSampleId :
PB164072BS



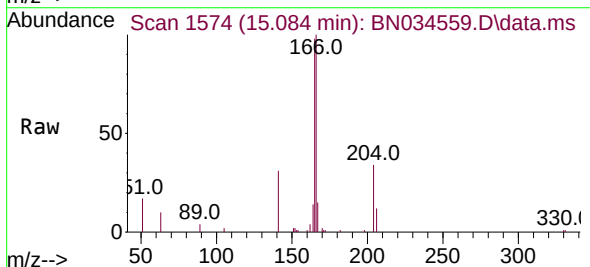
Tgt Ion:154 Resp: 6370
Ion Ratio Lower Upper
154 100
153 113.7 91.6 137.4
152 56.7 47.4 71.2

Manual Integrations
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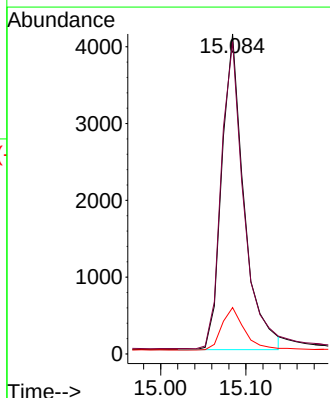
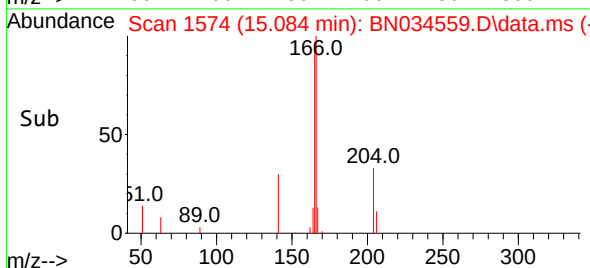
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

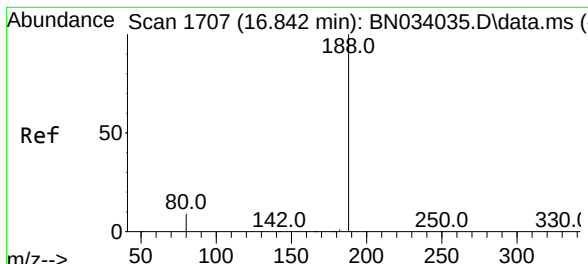


#18
Fluorene
Concen: 0.345 ng
RT: 15.084 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35



Tgt Ion:166 Resp: 7427
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.7 10.6 15.8





#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.778 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN034559.D
 Acq: 11 Oct 2024 17:35

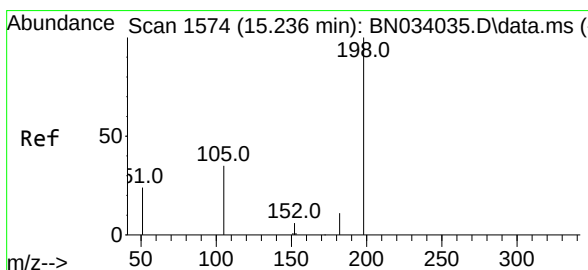
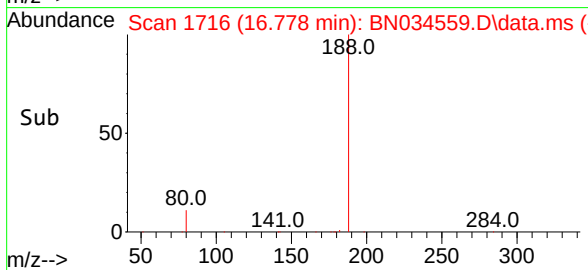
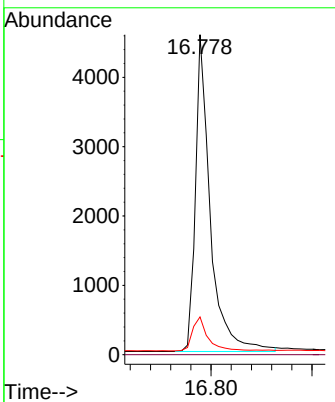
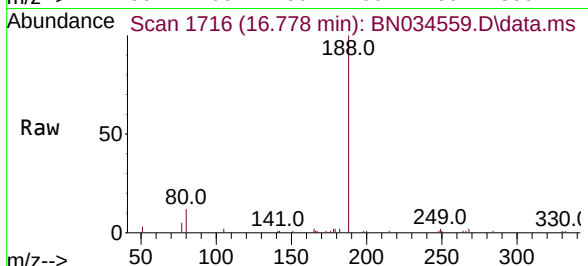
Instrument : BNA_N
 ClientSampleId : PB164072BS

Tgt Ion:188 Resp: 9370

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	7.4	11.0

Manual Integrations
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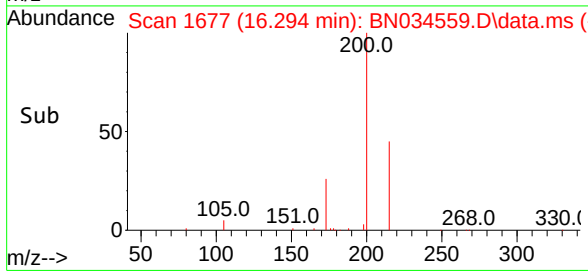
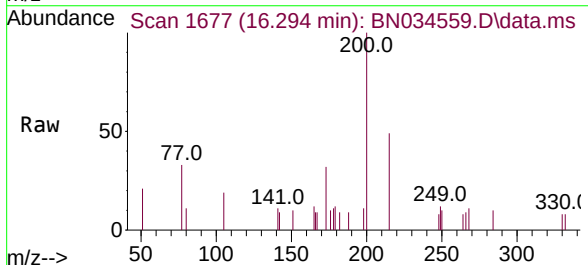
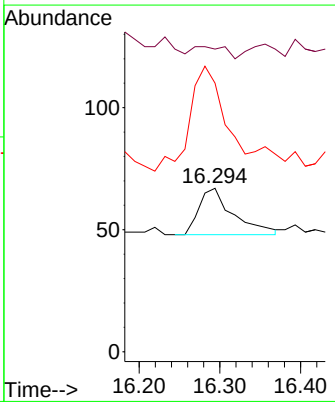
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

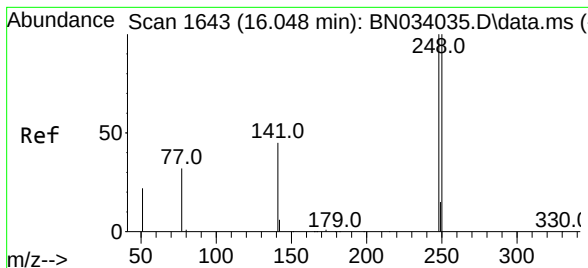


#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.170 ng
 RT: 16.294 min Scan# 1677
 Delta R.T. 0.012 min
 Lab File: BN034559.D
 Acq: 11 Oct 2024 17:35

Tgt Ion:198 Resp: 56

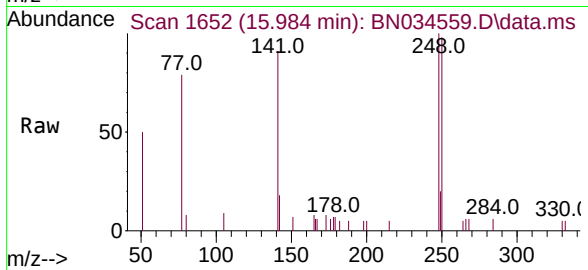
Ion	Ratio	Lower	Upper
198	100		
51	185.1	106.4	159.6#
105	164.2	38.5	57.7#





#21
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 15.984 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

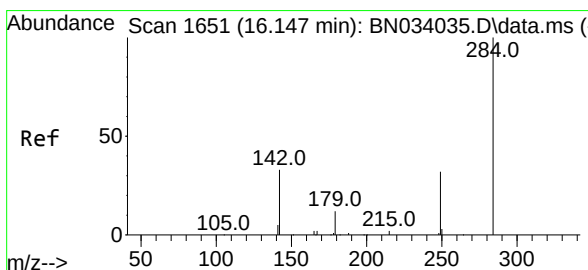
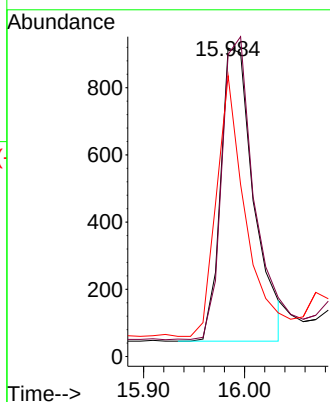
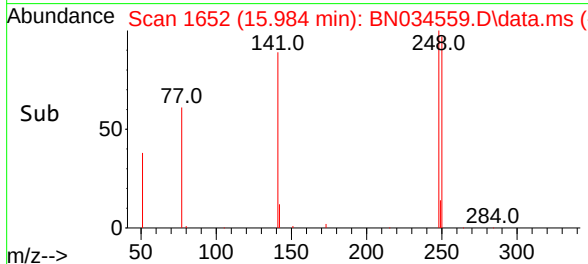
Instrument :
BNA_N
ClientSampleId :
PB164072BS



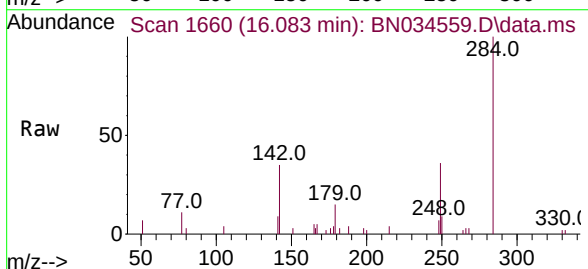
Tgt Ion:248 Resp: 2000
Ion Ratio Lower Upper
248 100
250 97.9 80.5 120.7
141 91.1 37.1 55.7

Manual Integrations
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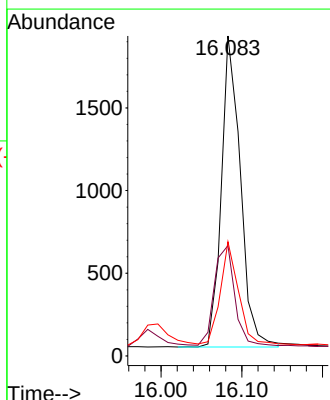
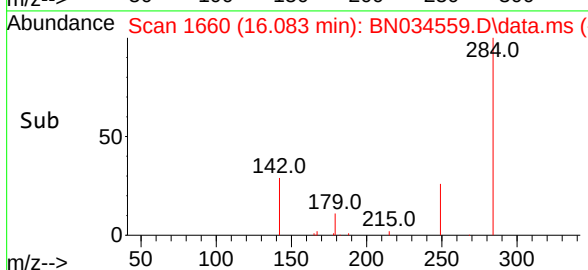
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

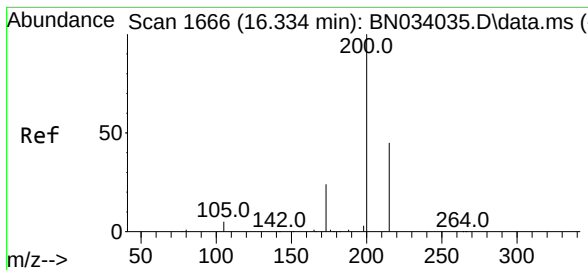


#22
Hexachlorobenzene
Concen: 0.521 ng
RT: 16.083 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35



Tgt Ion:284 Resp: 3076
Ion Ratio Lower Upper
284 100
142 34.4 34.5 51.7#
249 30.8 25.8 38.6





#23

Atrazine

Concen: 0.329 ng

RT: 16.282 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BN034559.D

Acq: 11 Oct 2024 17:35

Instrument :

BNA_N

ClientSampleId :

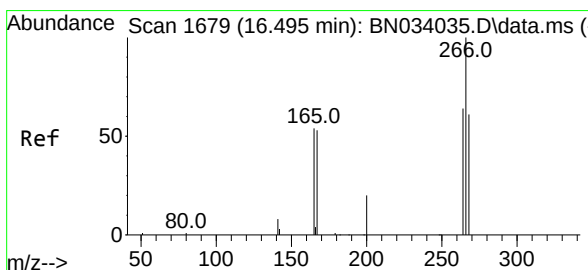
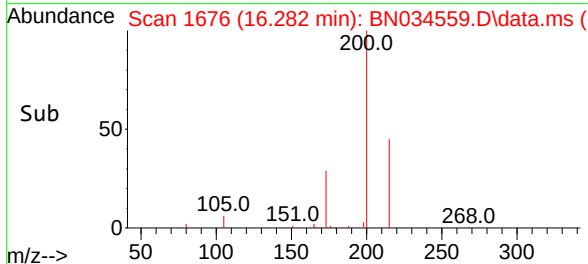
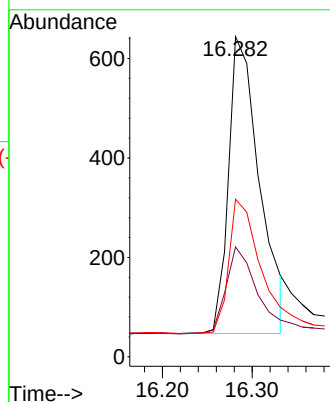
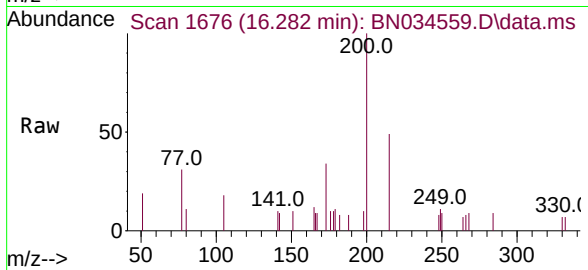
PB164072BS

Tgt Ion:	200	Resp:	1438
Ion Ratio	Lower	Upper	
200	100		
173	34.3	20.1	30.1
215	49.2	37.0	55.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#24

Pentachlorophenol

Concen: 0.557 ng

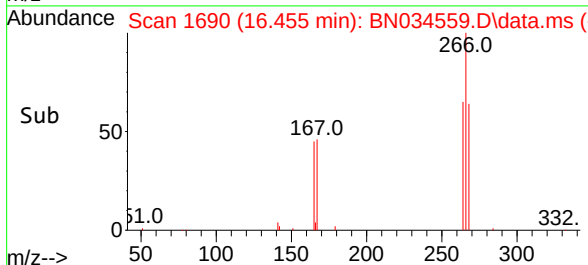
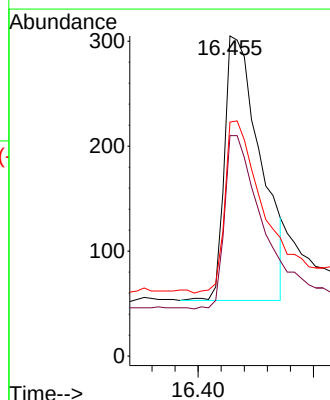
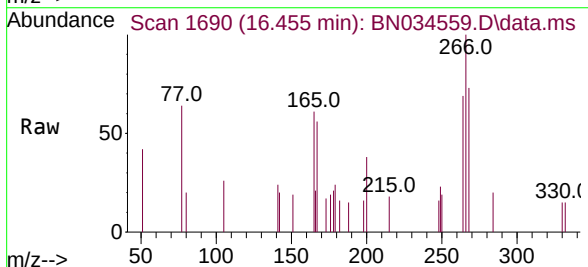
RT: 16.455 min Scan# 1690

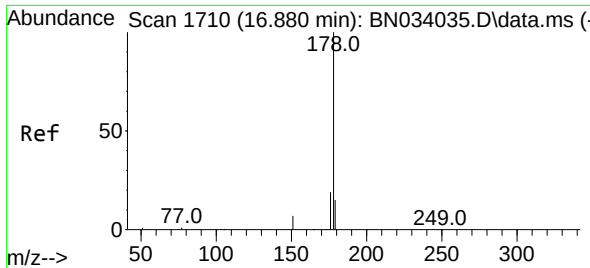
Delta R.T. 0.012 min

Lab File: BN034559.D

Acq: 11 Oct 2024 17:35

Tgt Ion:	266	Resp:	1087
Ion Ratio	Lower	Upper	
266	100		
264	64.3	50.2	75.2
268	64.6	51.0	76.4





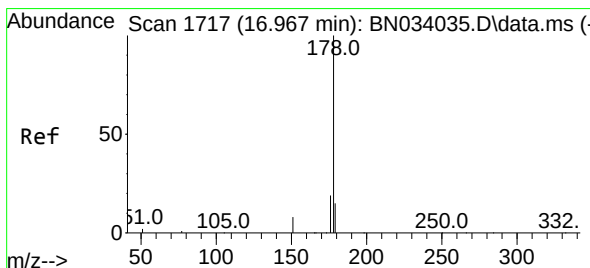
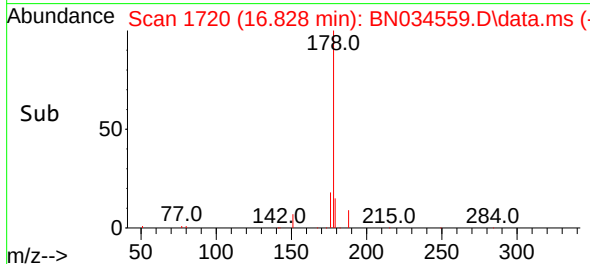
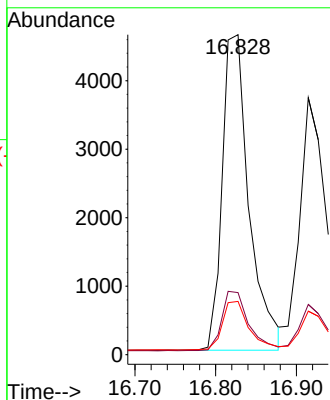
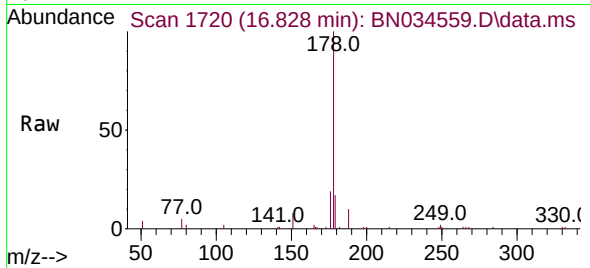
#25
Phenanthrene
Concen: 0.397 ng
RT: 16.828 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Instrument :
BNA_N
ClientSampleId :
PB164072BS

Tgt Ion:178 Resp: 10680
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.3 12.1 18.1

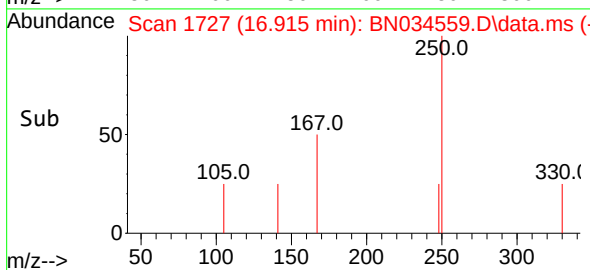
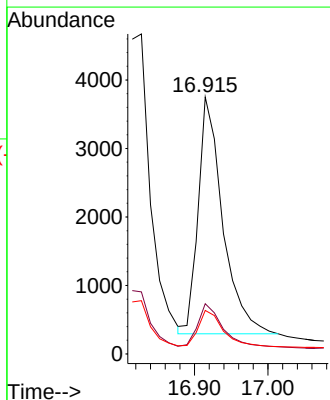
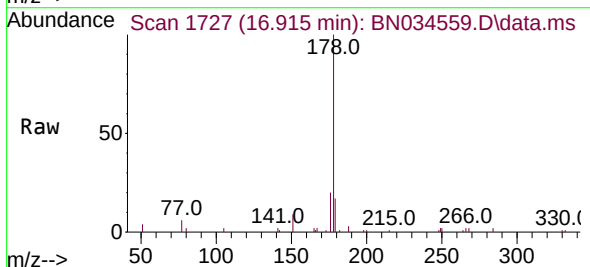
Manual Integrations
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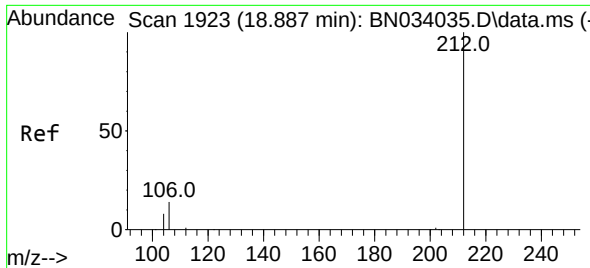
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#26
Anthracene
Concen: 0.365 ng
RT: 16.915 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Tgt Ion:178 Resp: 8017
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.6
179 15.3 12.2 18.4





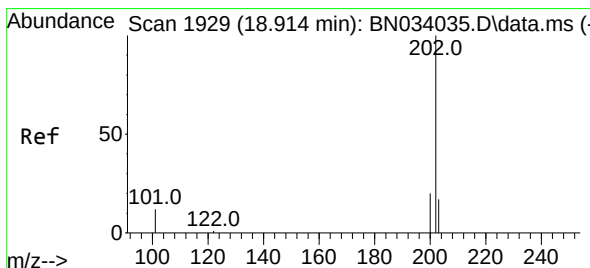
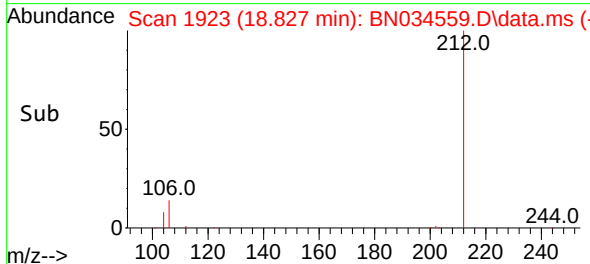
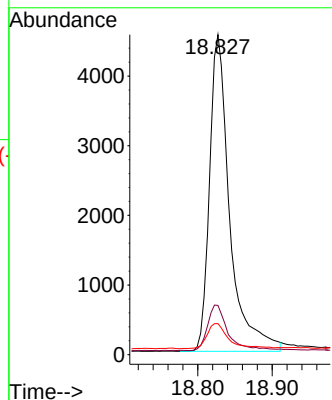
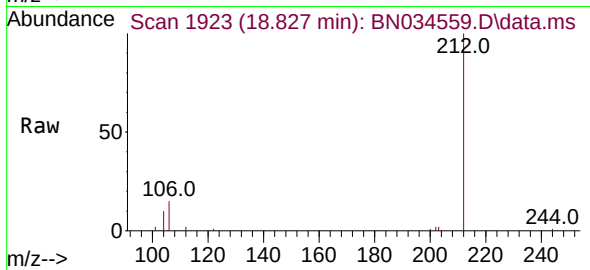
#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 18.827 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Instrument :
BNA_N
ClientSampleId :
PB164072BS

Tgt Ion:212 Resp: 855
Ion Ratio Lower Upper
212 100
106 14.5 13.4 20.2
104 8.5 7.8 11.6

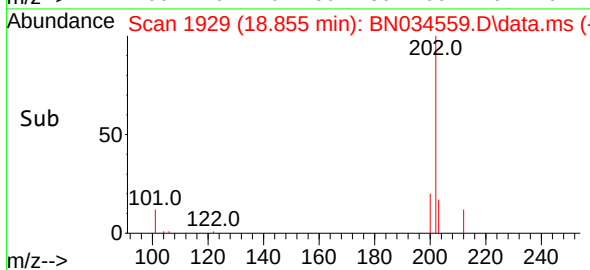
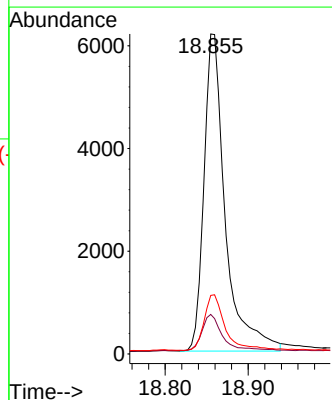
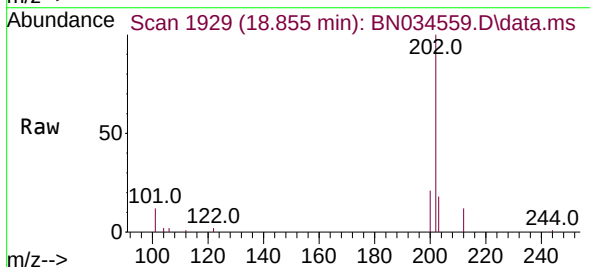
Manual Integrations
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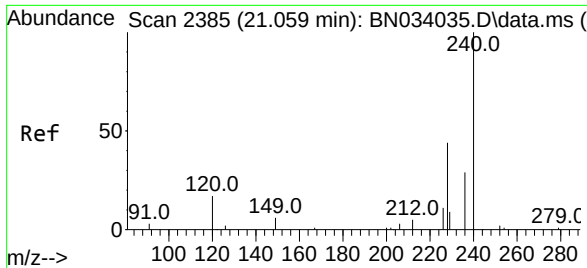
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#28
Fluoranthene
Concen: 0.354 ng
RT: 18.855 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Tgt Ion:202 Resp: 11038
Ion Ratio Lower Upper
202 100
101 11.2 10.1 15.1
203 17.2 13.6 20.4





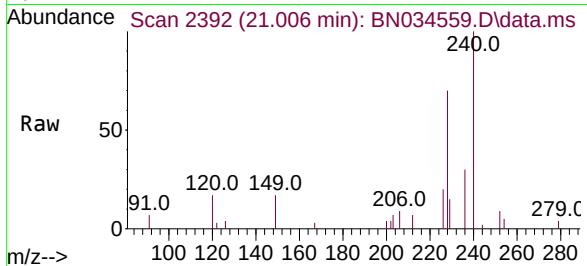
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Instrument :

BNA_N

ClientSampleId :

PB164072BS

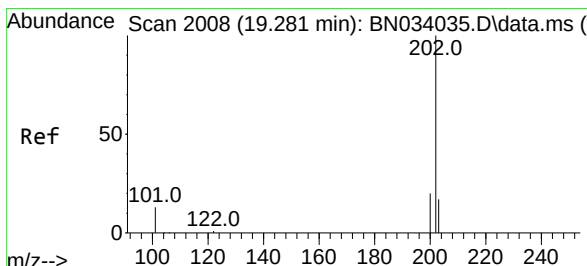
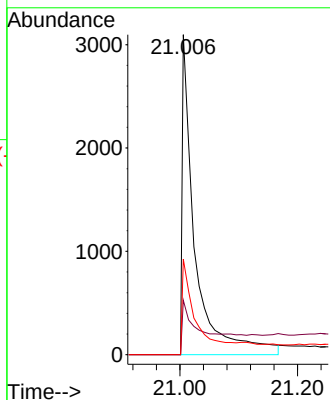
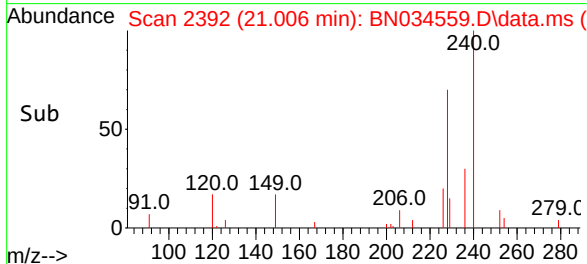


Tgt Ion:240 Resp: 481
Ion Ratio Lower Upper
240 100
120 17.0 13.5 20.3
236 29.9 23.4 35.0

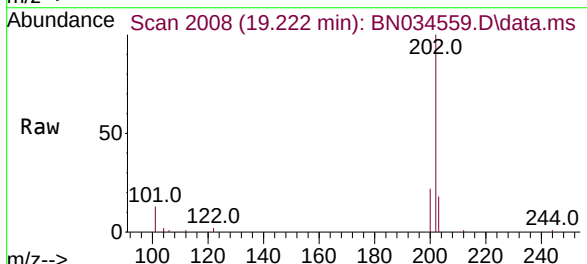
Manual Integrations

APPROVED

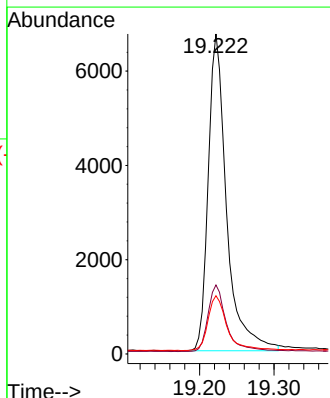
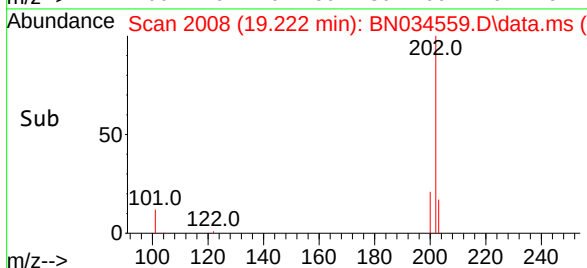
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

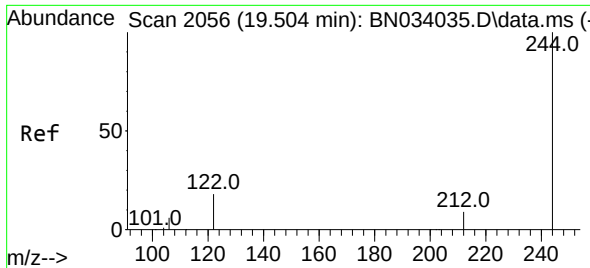


#30
Pyrene
Concen: 0.568 ng
RT: 19.222 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35



Tgt Ion:202 Resp: 11539
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 18.0 14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.562 ng
 RT: 19.450 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: BN034559.D
 Acq: 11 Oct 2024 17:35

Instrument :

BNA_N

ClientSampleId :

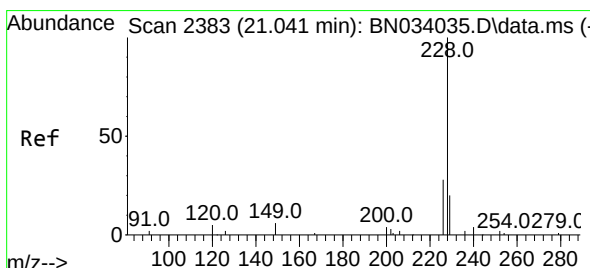
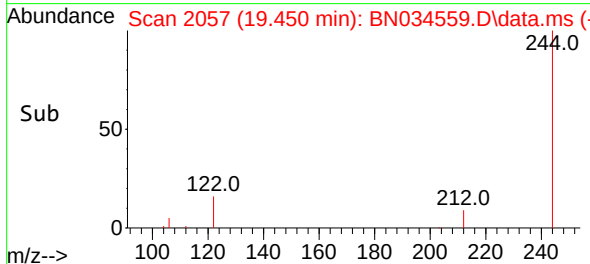
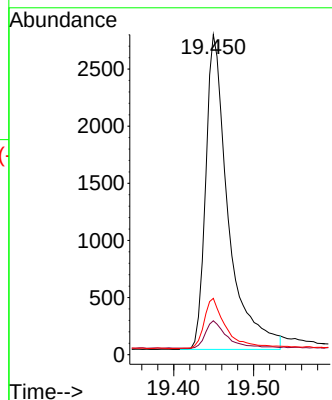
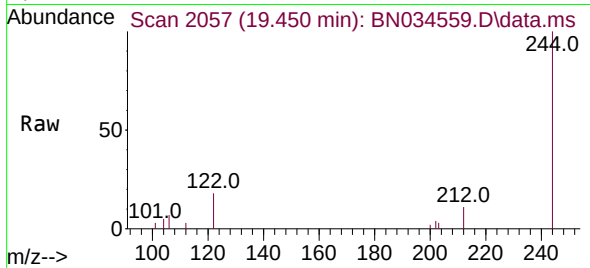
PB164072BS

Tgt Ion:244 Resp: 540
 Ion Ratio Lower Upper
 244 100
 212 10.6 7.8 11.6
 122 17.6 14.8 22.2

Manual Integrations

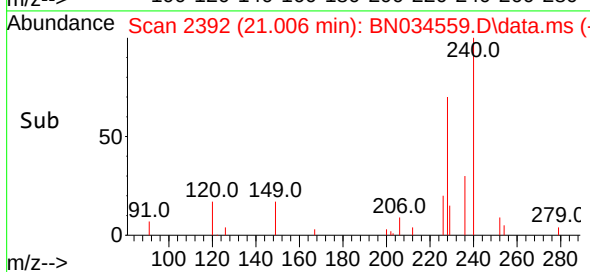
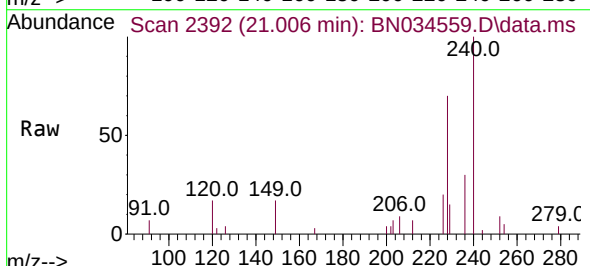
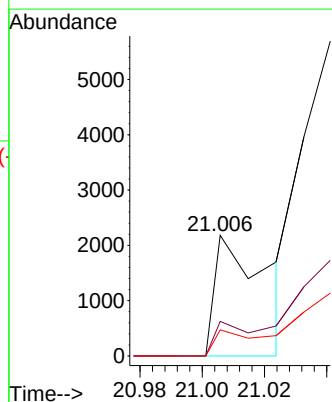
APPROVED

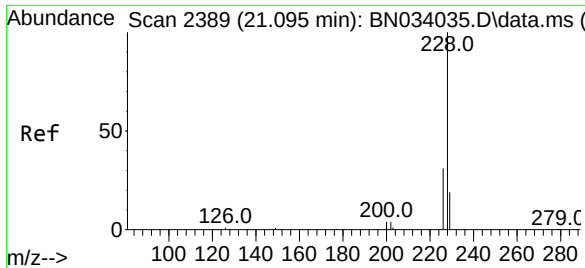
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024



#32
 Benzo(a)anthracene
 Concen: 0.132 ng m
 RT: 21.006 min Scan# 2392
 Delta R.T. -0.000 min
 Lab File: BN034559.D
 Acq: 11 Oct 2024 17:35

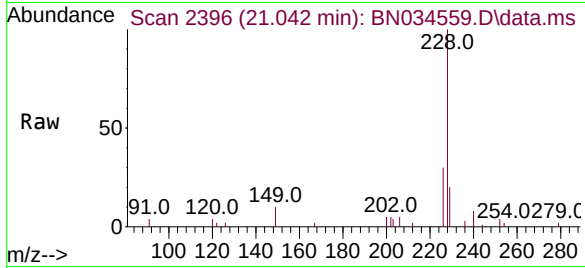
Tgt Ion:228 Resp: 2016
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.3 33.5
 229 21.6 15.7 23.5





#33
Chrysene
Concen: 0.578 ng m
RT: 21.042 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

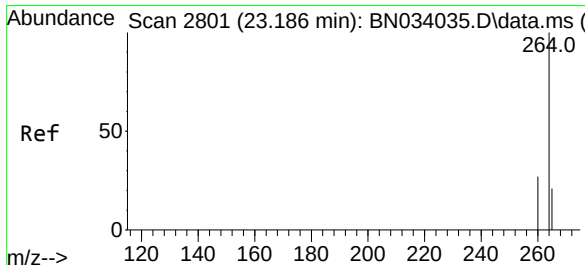
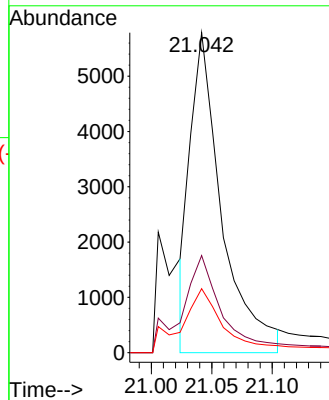
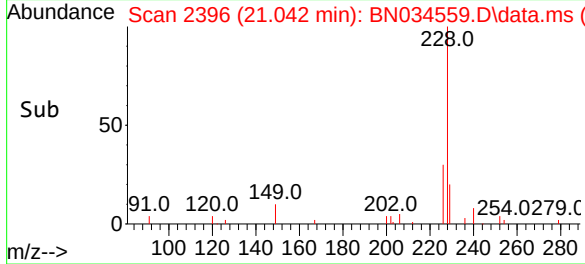
Instrument :
BNA_N
ClientSampleId :
PB164072BS



Tgt Ion:228 Resp: 1050
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 20.0 15.5 23.3

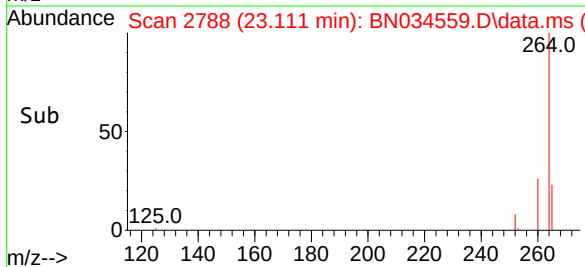
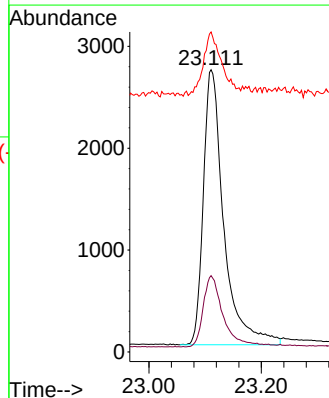
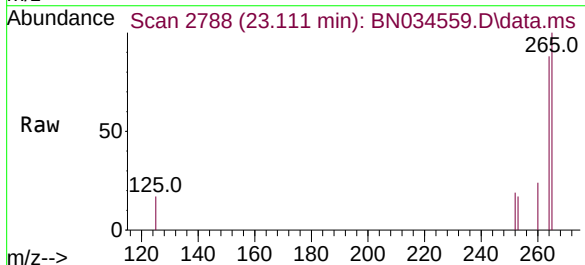
Manual Integrations
APPROVED

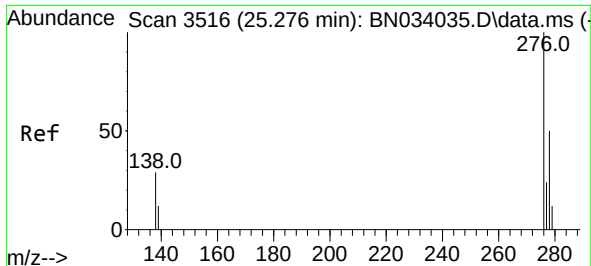
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.111 min Scan# 2788
Delta R.T. -0.003 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Tgt Ion:264 Resp: 6818
Ion Ratio Lower Upper
264 100
260 27.1 21.7 32.5
265 113.4 52.1 78.1#





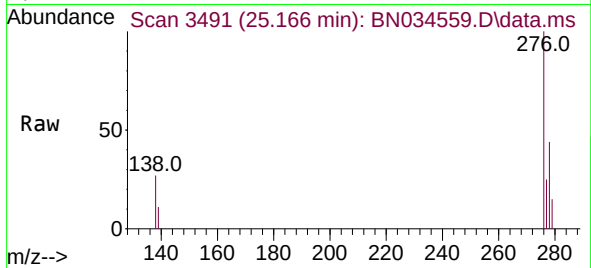
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.474 ng
RT: 25.166 min Scan# 3416
Delta R.T. -0.003 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Instrument :

BNA_N

ClientSampleId :

PB164072BS

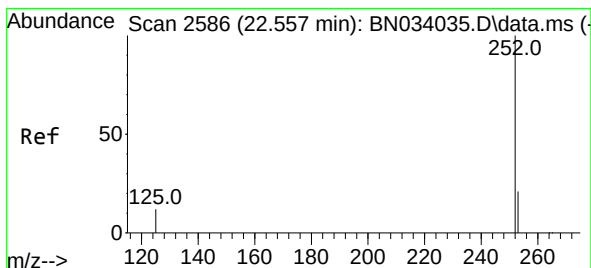
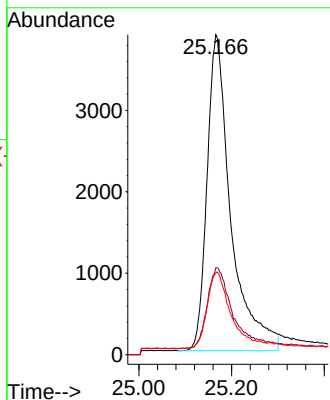
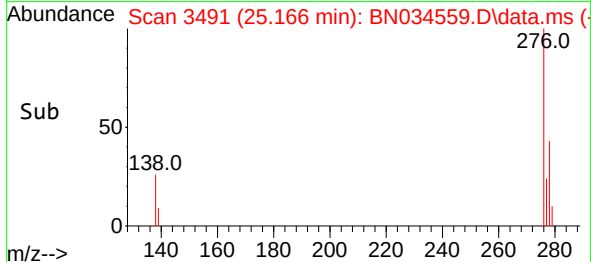


Tgt Ion:276 Resp: 1384
Ion Ratio Lower Upper
276 100
138 27.0 25.9 38.9
277 24.6 19.7 29.5

Manual Integrations

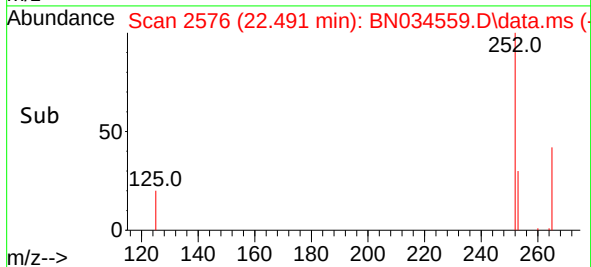
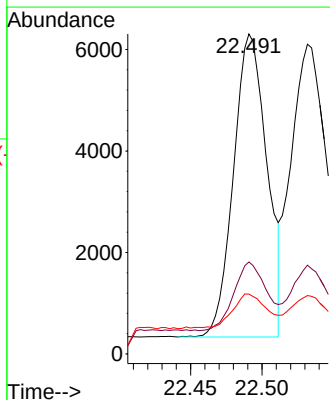
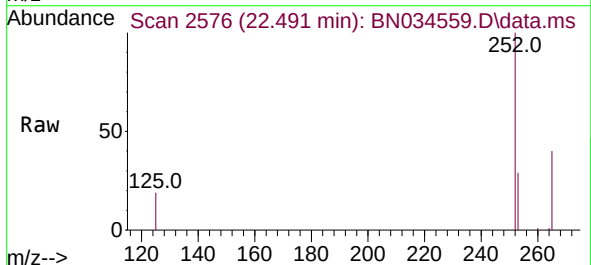
APPROVED

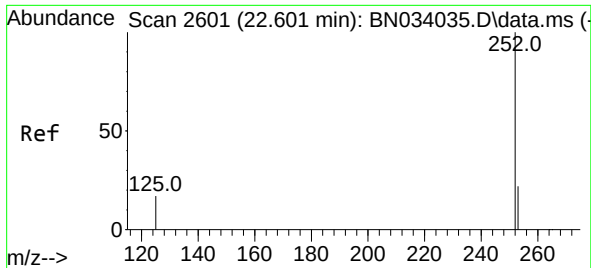
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#37
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.491 min Scan# 2576
Delta R.T. -0.003 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Tgt Ion:252 Resp: 9711
Ion Ratio Lower Upper
252 100
253 28.7 19.6 29.4
125 18.7 13.8 20.8





#38
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 22.532 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Instrument :

BNA_N

ClientSampleId :

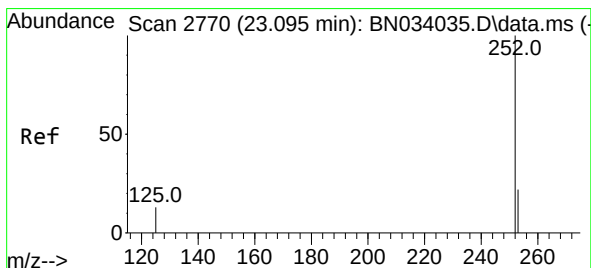
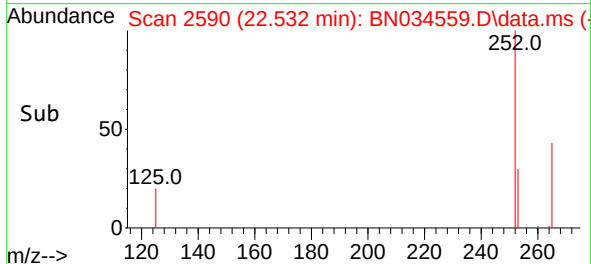
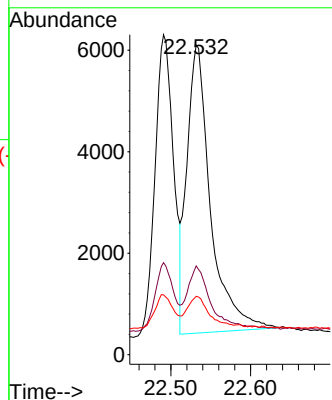
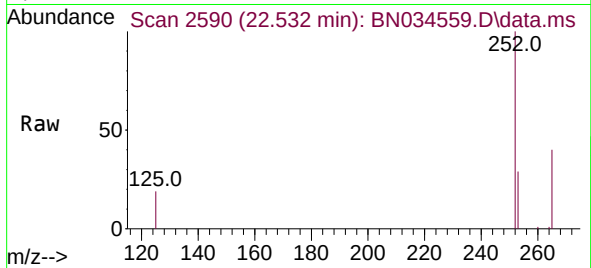
PB164072BS

Tgt Ion:252 Resp: 11670
Ion Ratio Lower Upper
252 100
253 28.7 20.1 30.1
125 18.9 16.8 25.2

Manual Integrations

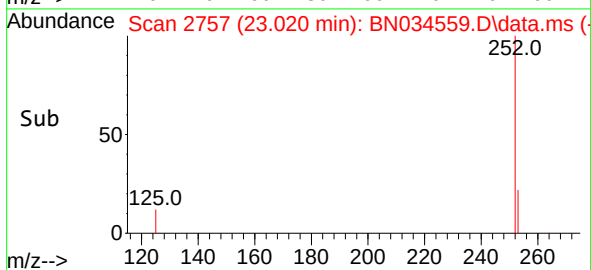
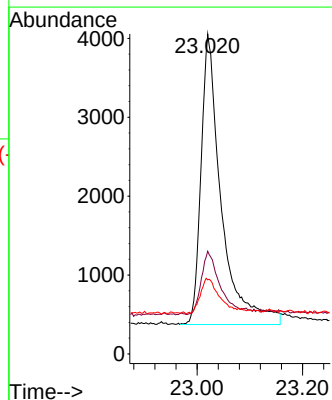
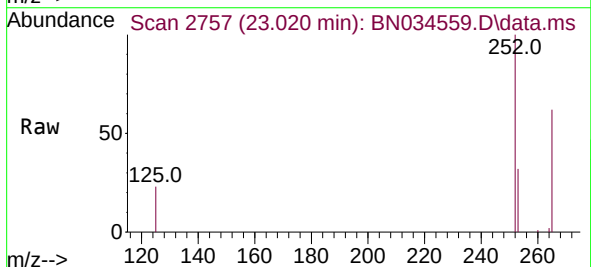
APPROVED

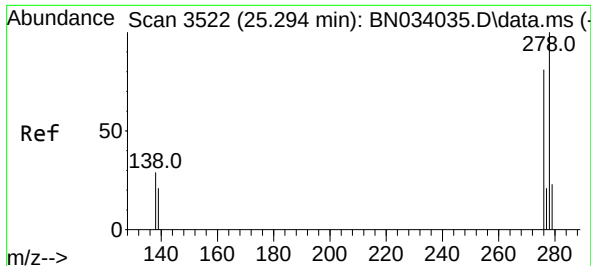
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#39
Benzo(a)pyrene
Concen: 0.451 ng
RT: 23.020 min Scan# 2757
Delta R.T. -0.003 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

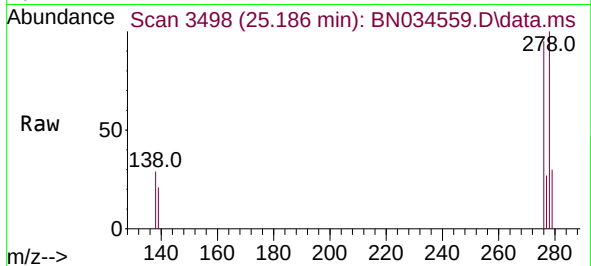
Tgt Ion:252 Resp: 9816
Ion Ratio Lower Upper
252 100
253 32.1 21.8 32.8
125 23.1 17.5 26.3





#40
Dibenzo(a,h)anthracene
Concen: 0.461 ng
RT: 25.186 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

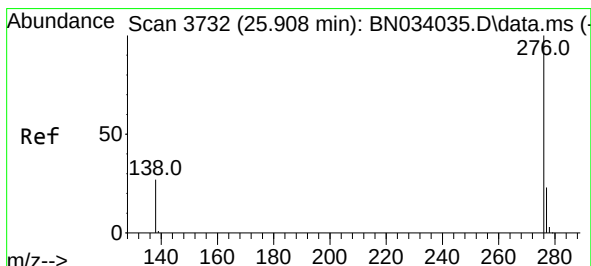
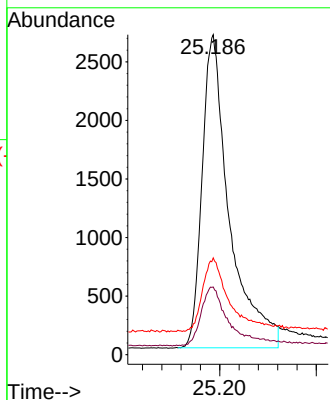
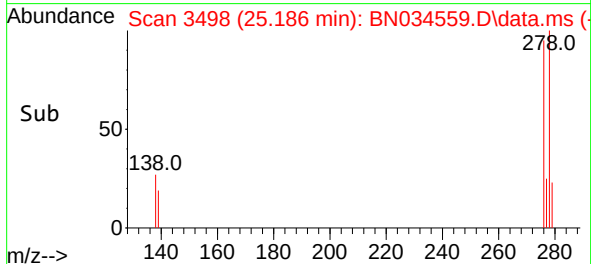
Instrument :
BNA_N
ClientSampleId :
PB164072BS



Tgt Ion:278 Resp: 1047
Ion Ratio Lower Upper
278 100
139 21.2 17.8 26.8
279 30.3 21.0 31.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#41
Benzo(g,h,i)perylene
Concen: 0.478 ng
RT: 25.786 min Scan# 3703
Delta R.T. -0.009 min
Lab File: BN034559.D
Acq: 11 Oct 2024 17:35

Tgt Ion:276 Resp: 12195
Ion Ratio Lower Upper
276 100
277 25.4 19.3 28.9
138 25.6 22.6 34.0

