

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028221.D
 Acq On : 11 Oct 2023 06:35
 Operator : MA/JU
 Sample : 04767-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 D-1(0-5)MSD

Quant Time: Oct 11 07:29:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3567	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	11157	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	6716	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	11938	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	13718	0.400	ng	# 0.00
35) Perylene-d12	23.987	264	15861	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3314	0.312	ng	0.00
5) Phenol-d6	7.084	99	4100	0.305	ng	0.00
8) Nitrobenzene-d5	9.123	82	2977	0.314	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	6769m	0.409	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	921	0.299	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	6534	0.270	ng	0.00
27) Fluoranthene-d10	19.356	212	8861	0.296	ng	0.00
31) Terphenyl-d14	19.941	244	8410	0.263	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	1405	0.351	ng	# 66
3) n-Nitrosodimethylamine	3.704	42	1718	0.375	ng	95
6) bis(2-Chloroethyl)ether	7.358	93	4308	0.398	ng	97
9) Naphthalene	10.789	128	88805	3.081	ng	99
10) Hexachlorobutadiene	11.002	225	2035	0.398	ng	# 100
12) 2-Methylnaphthalene	12.392	142	48978	2.429	ng	99
16) Acenaphthylene	14.288	152	393050	13.211	ng	100
17) Acenaphthene	14.630	154	59188	3.121	ng	99
18) Fluorene	15.606	166	99984	4.059	ng	92
20) 4,6-Dinitro-2-methylph...	16.773	198	628	3.958	ng	# 43
21) 4-Bromophenyl-phenylether	16.500	248	2600	0.418	ng	92
22) Hexachlorobenzene	16.586	284	2860	0.438	ng	# 91
23) Atrazine	16.773	200	2439	0.449	ng	# 86
24) Pentachlorophenol	16.959	266	13087	4.255	ng	94
25) Phenanthrene	17.368	178	1095204	34.029	ng	99
26) Anthracene	17.455	178	472522	15.533	ng	# 95
28) Fluoranthene	19.388	202	1588725	42.773	ng	99
30) Pyrene	19.755	202	1853273	36.842	ng	99
32) Benzo(a)anthracene	21.498	228	1053525	22.569	ng	98
33) Chrysene	21.551	228	909039	20.207	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	16234	0.529	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.580	276	528035	9.897	ng	97
37) Benzo(b)fluoranthene	23.224	252	1012528	19.766	ng	# 89
38) Benzo(k)fluoranthene	23.271	252	400588m	7.710	ng	
39) Benzo(a)pyrene	23.876	252	887112m	18.315	ng	
40) Dibenzo(a,h)anthracene	26.580	278	168865	3.869	ng	98
41) Benzo(g,h,i)perylene	27.393	276	531714	11.869	ng	95

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

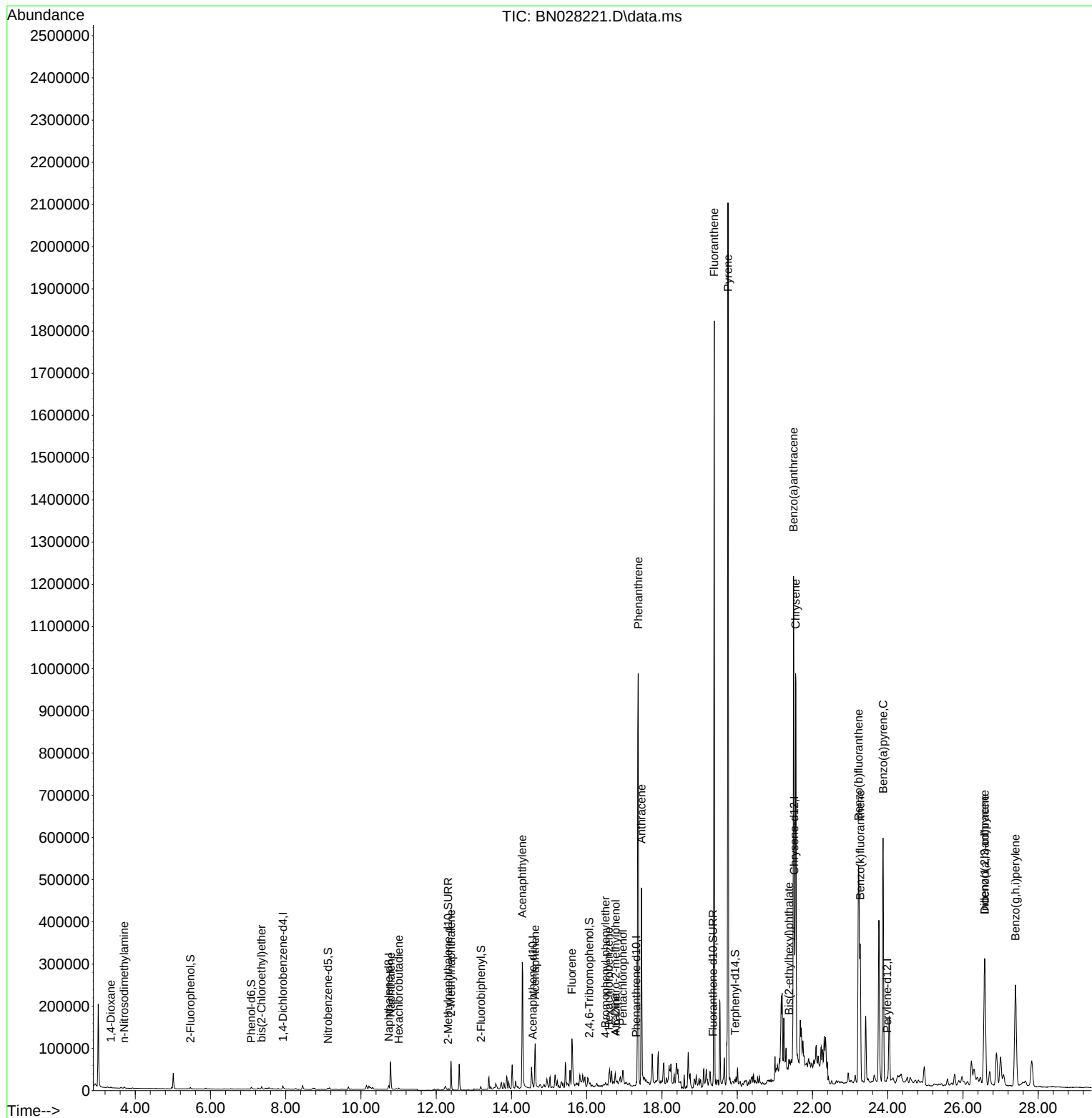
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028221.D
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ALS Vial : 29 Sample Multiplier: 1

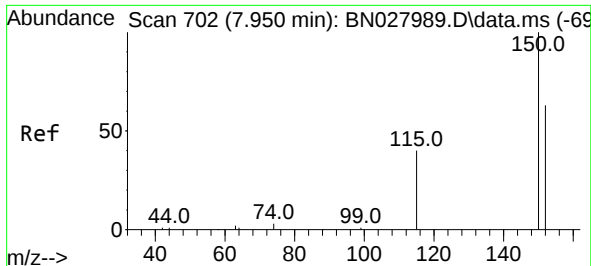
Instrument :
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D-1(0-5)MSD

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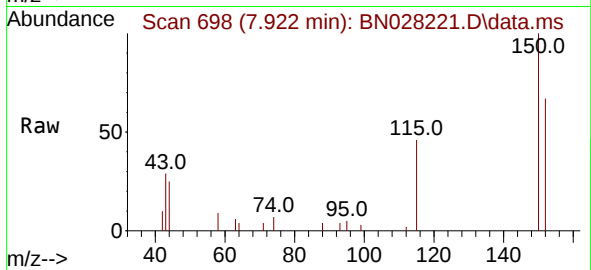
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1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Instrument :

BNA_N

ClientSampleId :

D-1(0-5)MSD

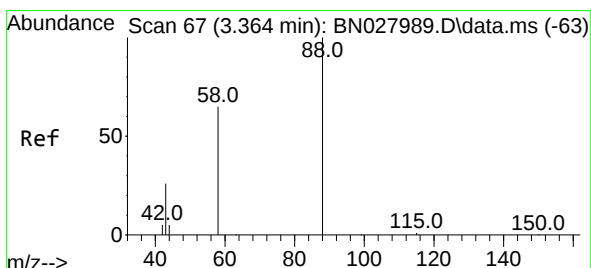
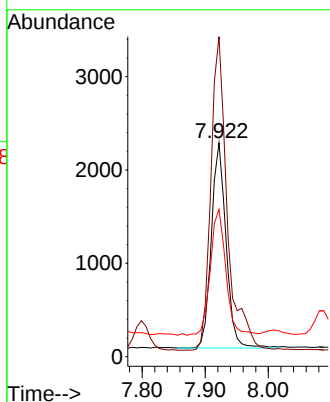
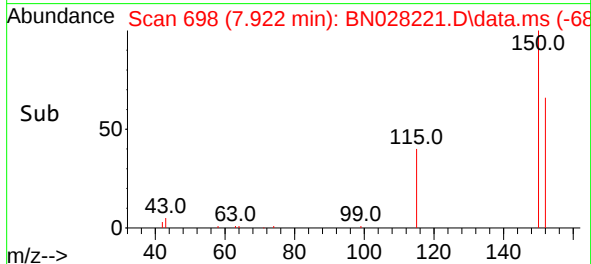


Tgt Ion: 152 Resp: 356
Ion Ratio Lower Upper
152 100
150 149.7 125.6 188.4
115 68.8 54.8 82.2

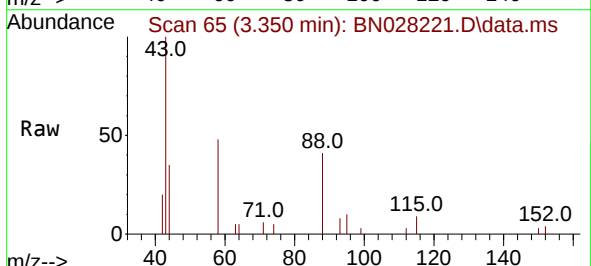
Manual Integrations

APPROVED

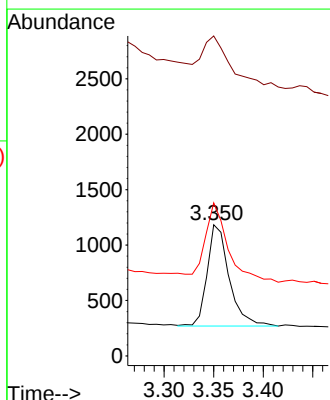
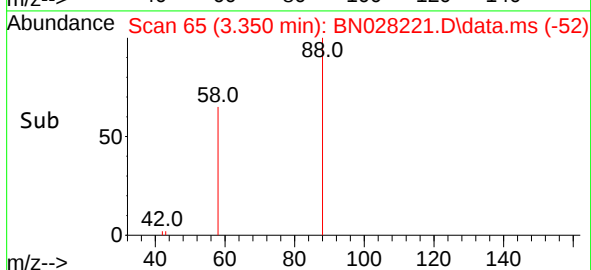
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

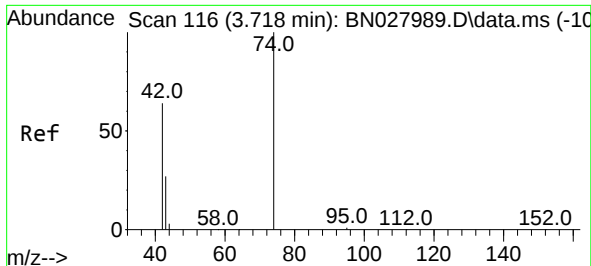


#2
1,4-Dioxane
Concen: 0.351 ng
RT: 3.350 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35



Tgt Ion: 88 Resp: 1405
Ion Ratio Lower Upper
88 100
43 65.2 24.6 36.8#
58 83.5 53.8 80.6#





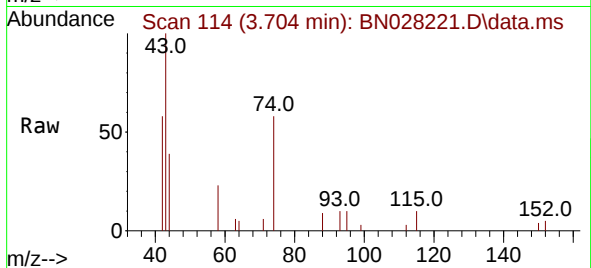
#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.704 min Scan# 116
Delta R.T. -0.007 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

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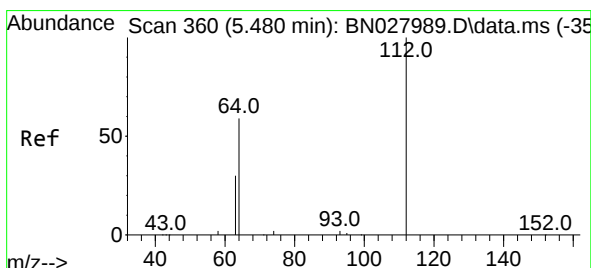
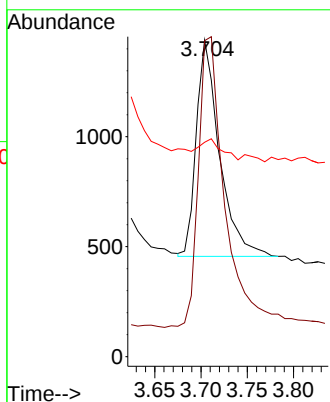
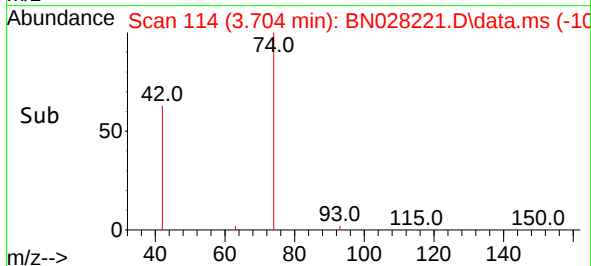
Tgt Ion: 42 Resp: 1718
Ion Ratio Lower Upper
42 100
74 150.6 115.9 173.9
44 8.8 8.0 12.0

Manual Integrations

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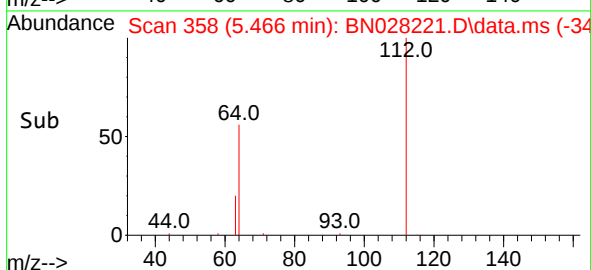
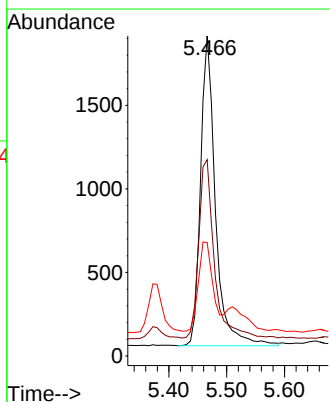
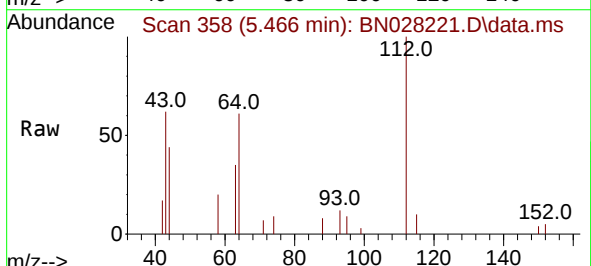
Reviewed By :Yogesh Patel 10/11/2023

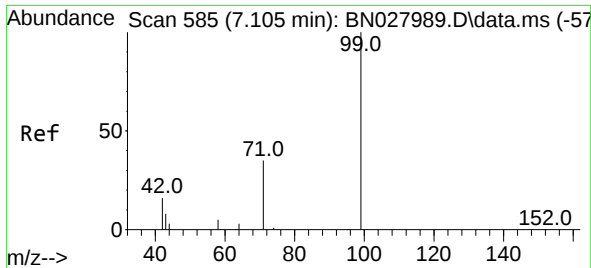
Supervised By :mohammad ahmed 10/12/2023



#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.466 min Scan# 358
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

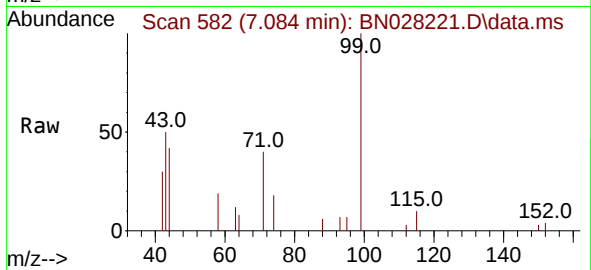
Tgt Ion:112 Resp: 3314
Ion Ratio Lower Upper
112 100
64 60.3 45.0 67.6
63 29.0 23.4 35.0





#5
Phenol-d6
Concen: 0.305 ng
RT: 7.084 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

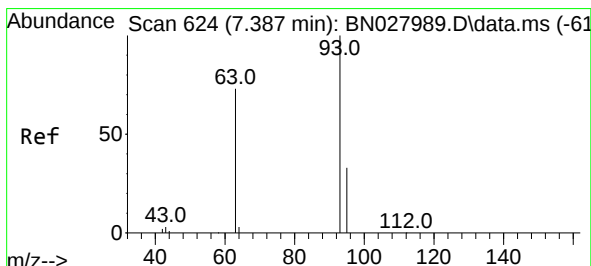
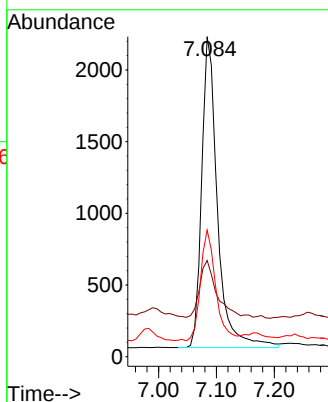
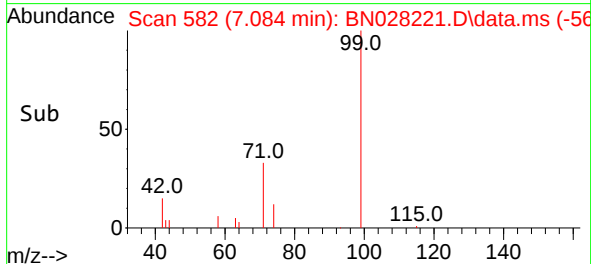
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



Tgt Ion: 99 Resp: 4100
Ion Ratio Lower Upper
99 100
42 21.1 14.6 22.0
71 34.1 28.3 42.5

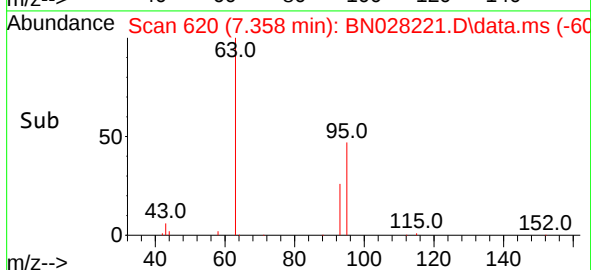
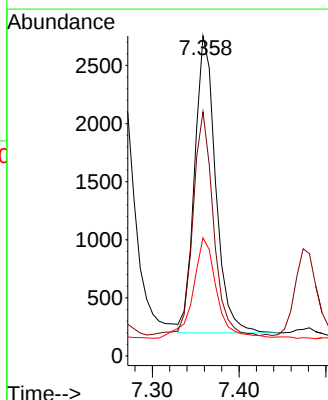
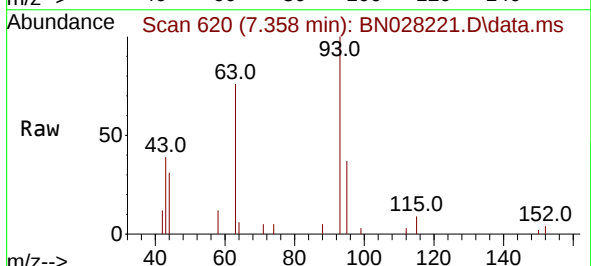
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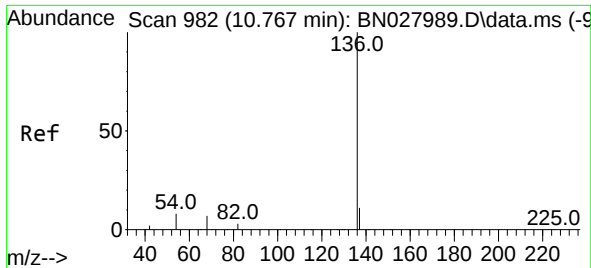
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.358 min Scan# 620
Delta R.T. -0.007 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Tgt Ion: 93 Resp: 4308
Ion Ratio Lower Upper
93 100
63 73.2 58.8 88.2
95 37.8 26.6 39.8





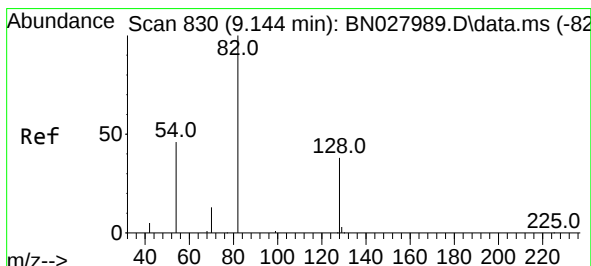
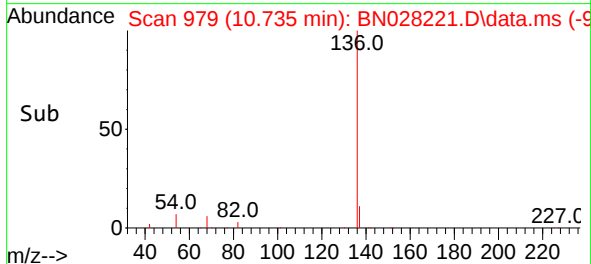
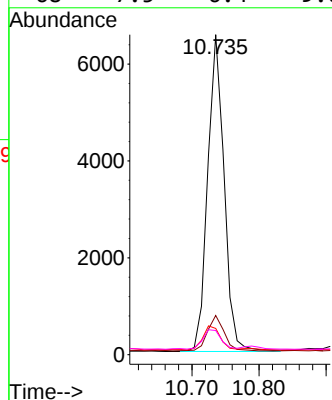
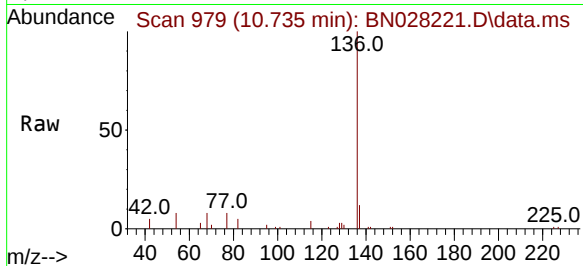
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Instrument :
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D-1(0-5)MSD

Tgt Ion:	136	Resp:	1115
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.4	14.0
54	8.2	7.0	10.6
68	7.5	6.4	9.6

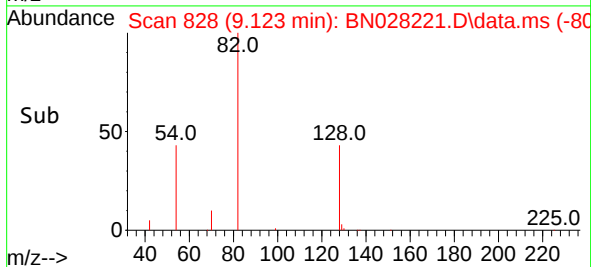
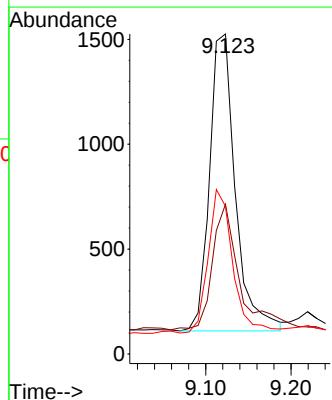
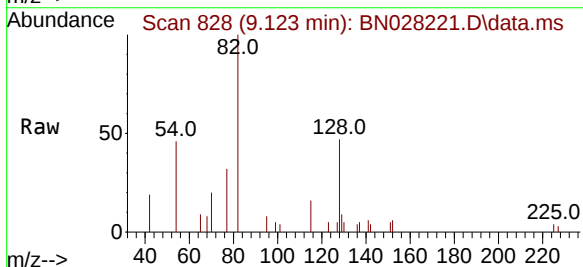
Manual Integrations
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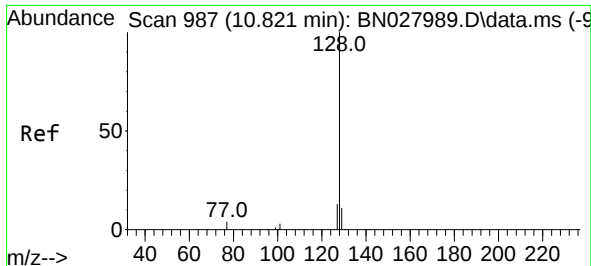
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 9.123 min Scan# 828
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Tgt Ion:	82	Resp:	2977
Ion Ratio	Lower	Upper	
82	100		
128	46.8	32.7	49.1
54	46.1	38.7	58.1





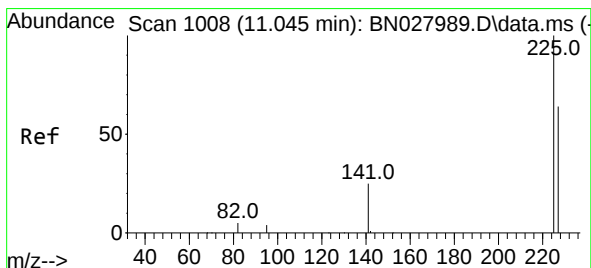
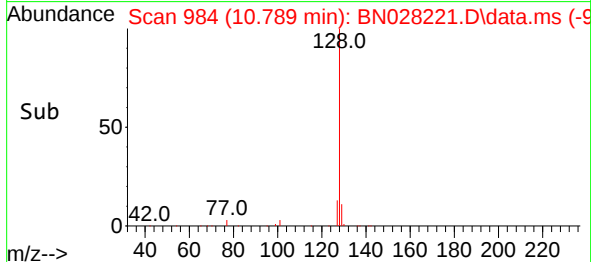
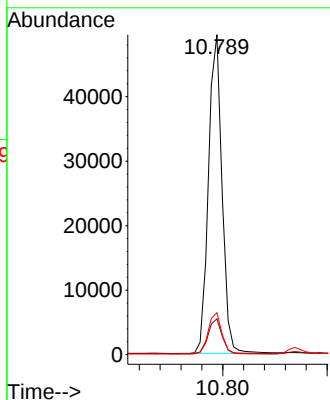
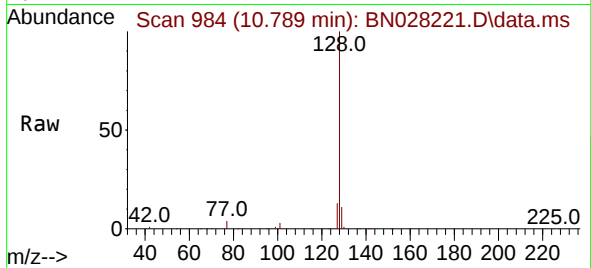
#9
Naphthalene
Concen: 3.081 ng
RT: 10.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Instrument :
BNA_N
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D-1(0-5)MSD

Tgt Ion:128 Resp: 8880
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.1 10.9 16.3

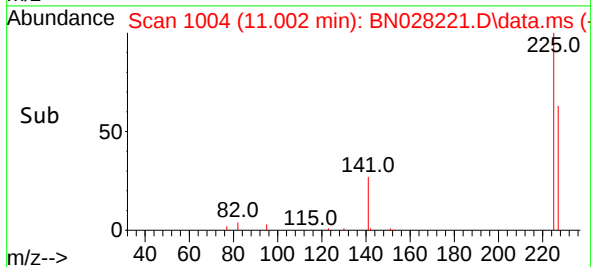
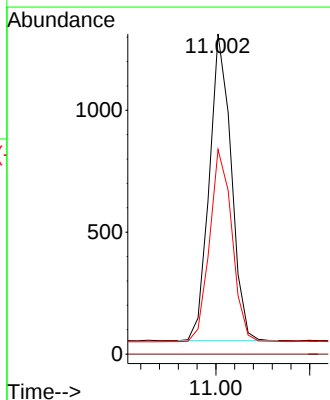
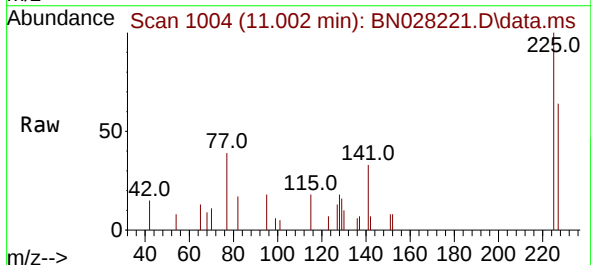
Manual Integrations
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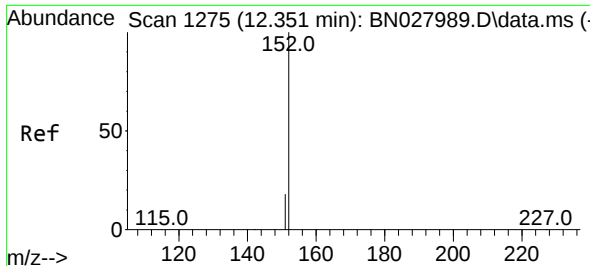
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 11.002 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

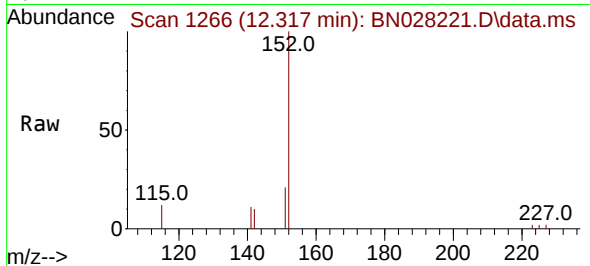
Tgt Ion:225 Resp: 2035
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.2 51.3 76.9





#11
2-Methylnaphthalene-d10
Concen: 0.409 ng m
RT: 12.317 min Scan# 1266
Delta R.T. -0.008 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

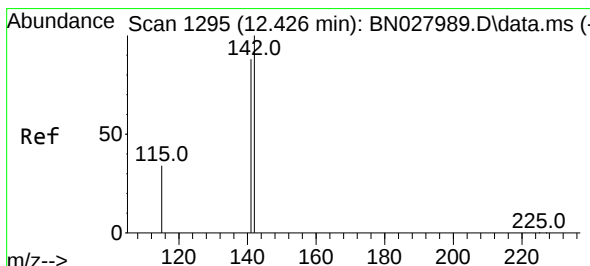
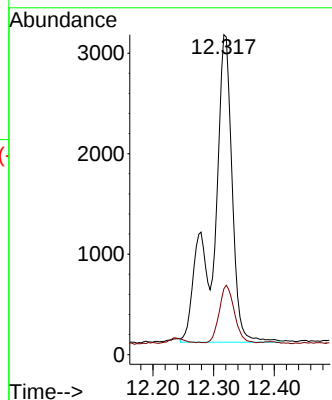
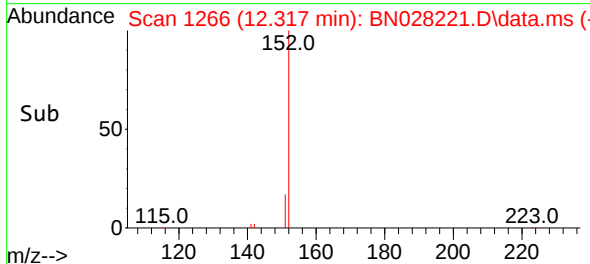
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



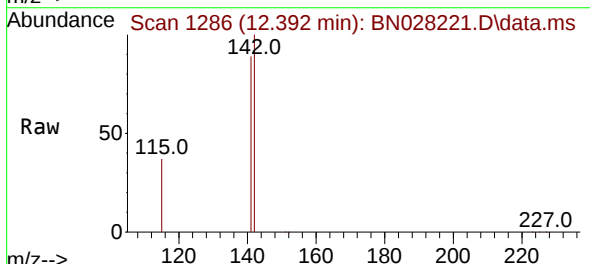
Tgt Ion:152 Resp: 6769
Ion Ratio Lower Upper
152 100
151 15.3 16.5 24.7

Manual Integrations
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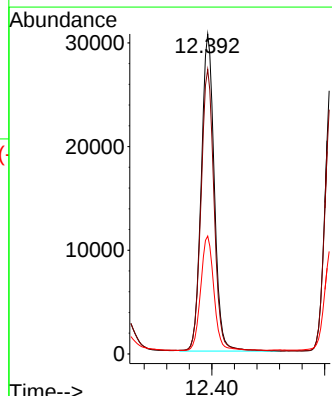
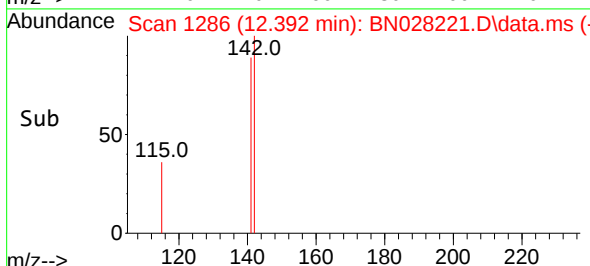
Reviewed By :Yogesh Patel 10/11/2023
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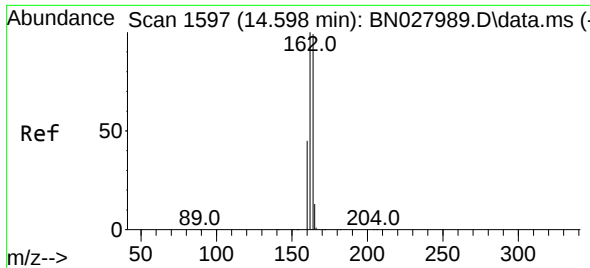


#12
2-Methylnaphthalene
Concen: 2.429 ng
RT: 12.392 min Scan# 1286
Delta R.T. -0.008 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35



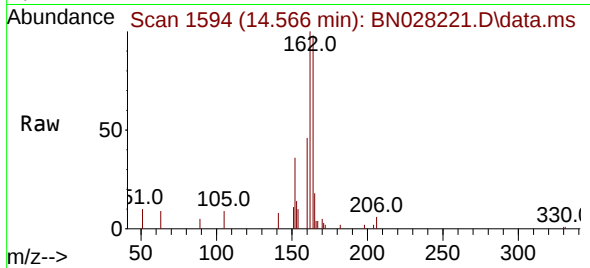
Tgt Ion:142 Resp: 48978
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1
115 36.9 28.6 42.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

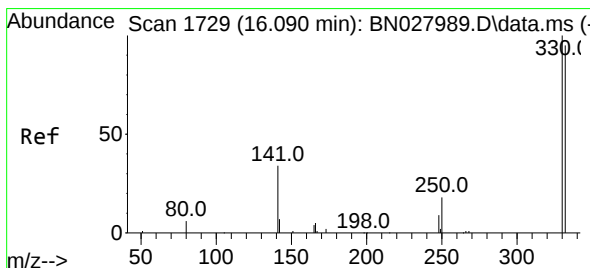
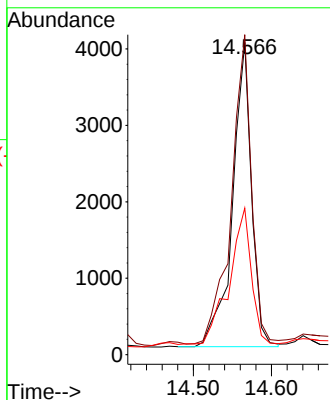
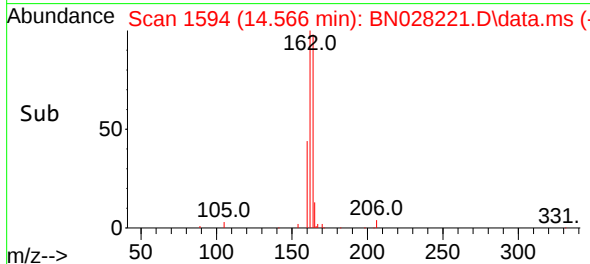
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



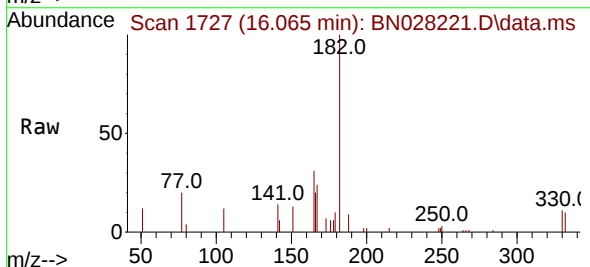
Tgt Ion:164 Resp: 6710
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 47.0 36.4 54.6

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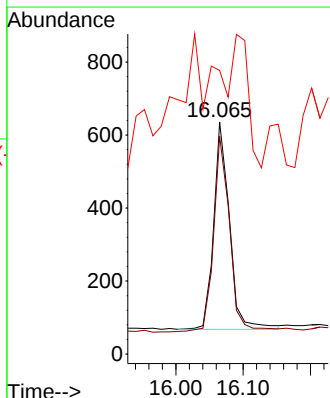
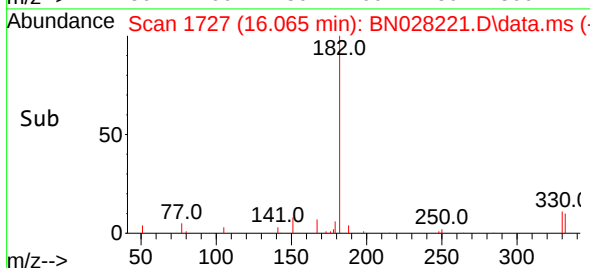
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

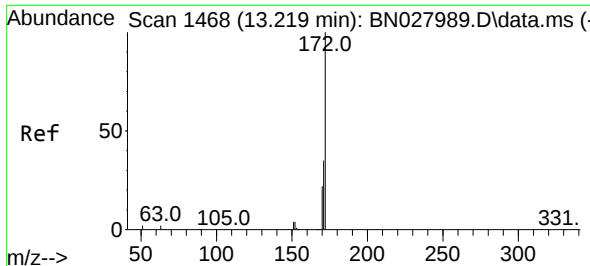


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 16.065 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35



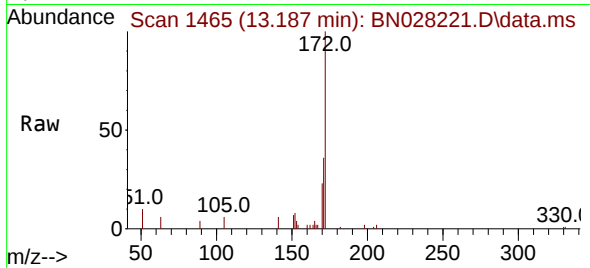
Tgt Ion:330 Resp: 921
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 0.0 33.4 50.2#





#15
2-Fluorobiphenyl
Concen: 0.270 ng
RT: 13.187 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

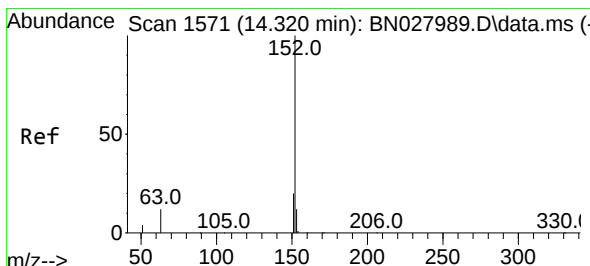
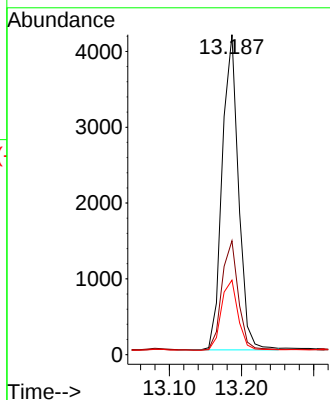
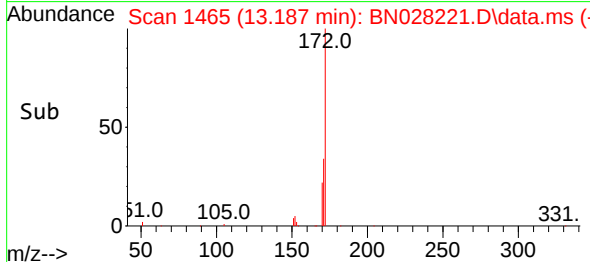
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



Tgt Ion:172 Resp: 6534
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.3 18.4 27.6

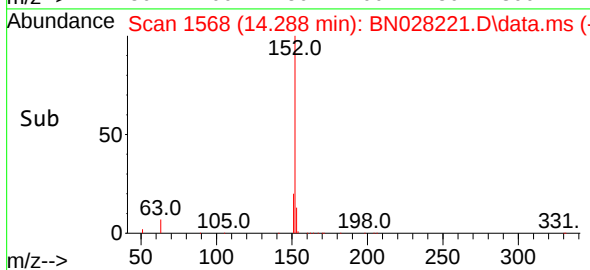
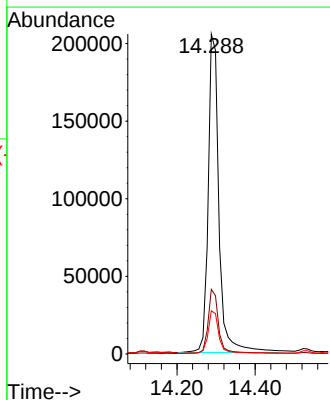
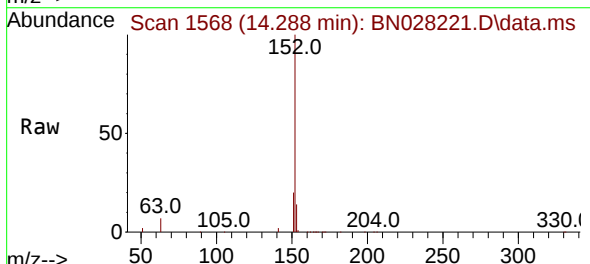
Manual Integrations
APPROVED

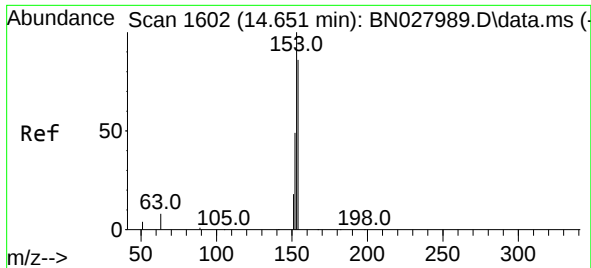
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#16
Acenaphthylene
Concen: 13.211 ng
RT: 14.288 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

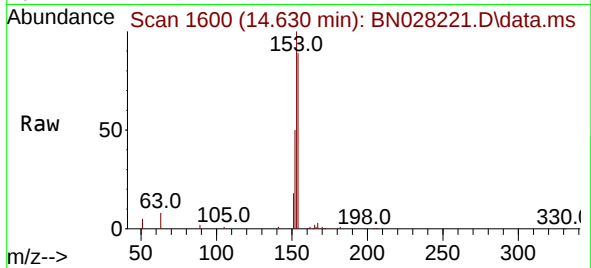
Tgt Ion:152 Resp: 393050
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.2 15.4





#17
Acenaphthene
Concen: 3.121 ng
RT: 14.630 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

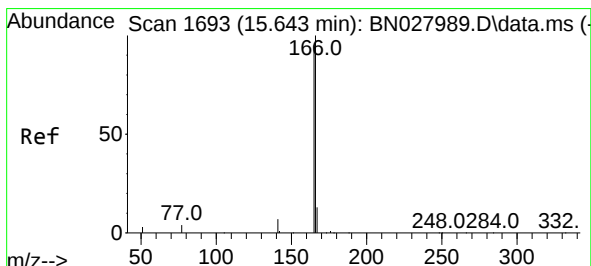
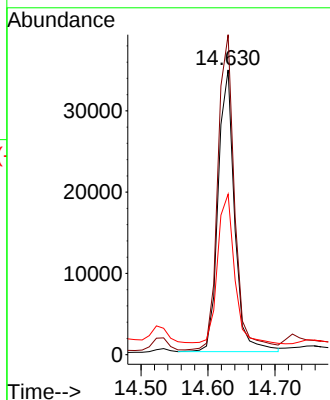
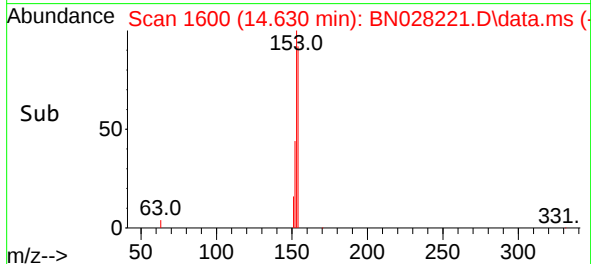
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



Tgt Ion:154 Resp: 5918
Ion Ratio Lower Upper
154 100
153 114.3 90.8 136.2
152 54.8 43.9 65.9

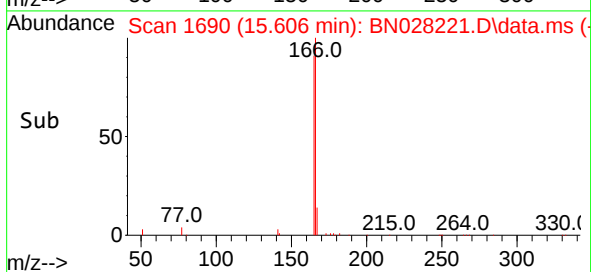
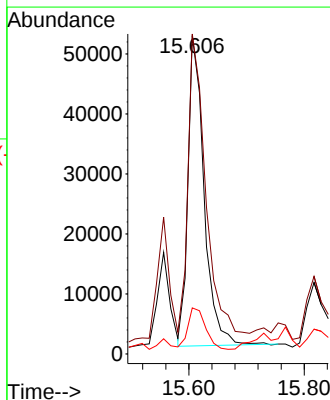
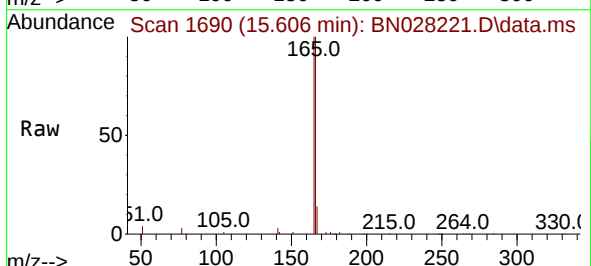
Manual Integrations
APPROVED

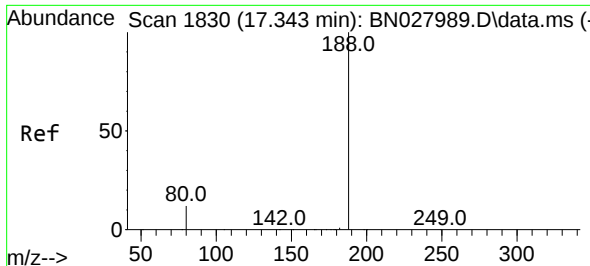
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#18
Fluorene
Concen: 4.059 ng
RT: 15.606 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

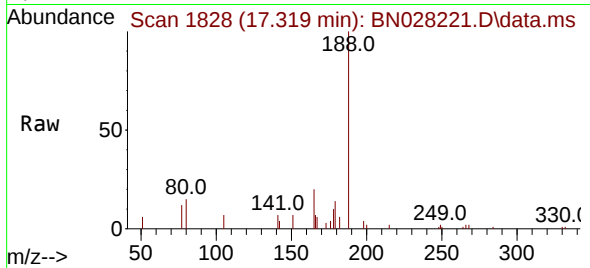
Tgt Ion:166 Resp: 99984
Ion Ratio Lower Upper
166 100
165 105.4 77.8 116.8
167 14.7 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

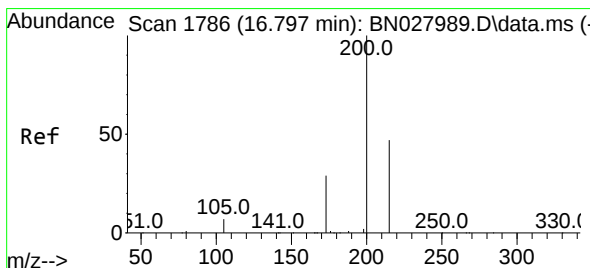
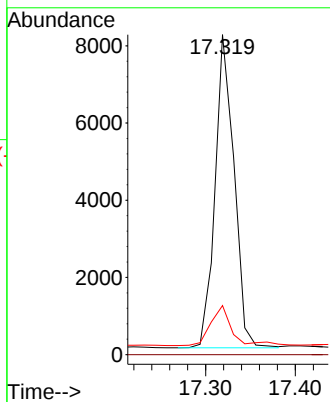
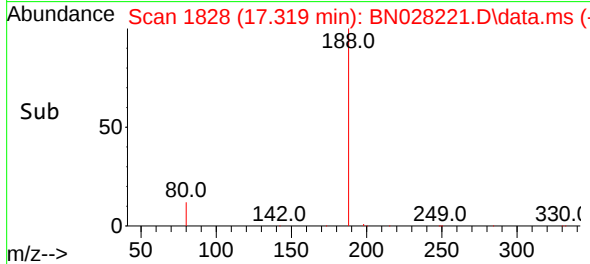
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



Tgt Ion:188 Resp: 11938
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 10.2 15.4

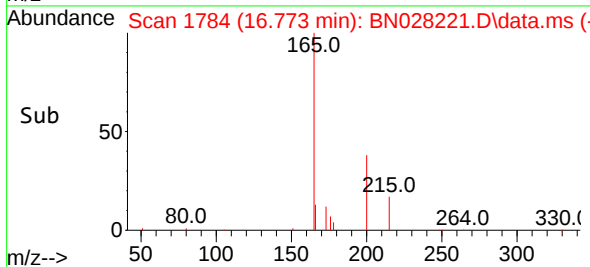
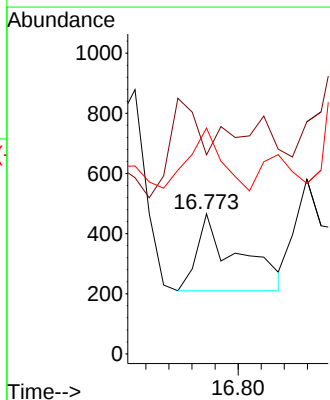
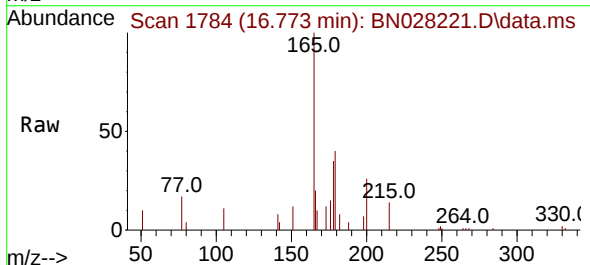
Manual Integrations
APPROVED

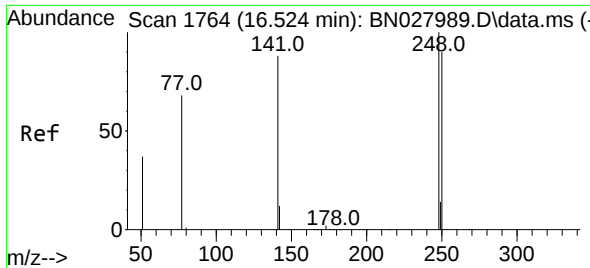
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 3.958 ng
RT: 16.773 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Tgt Ion:198 Resp: 628
Ion Ratio Lower Upper
198 100
51 142.1 180.7 271.1#
105 161.2 222.2 333.2#





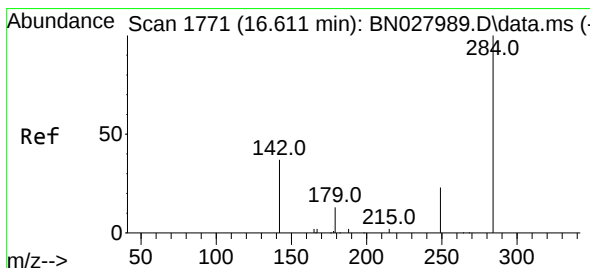
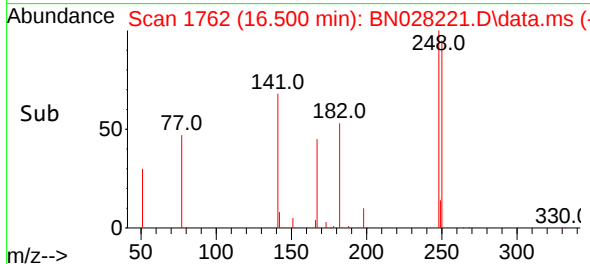
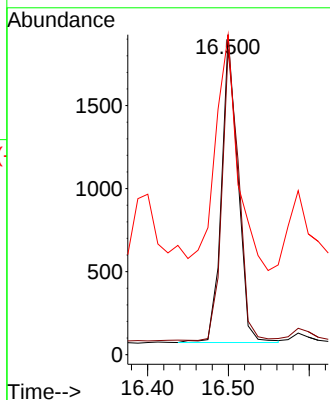
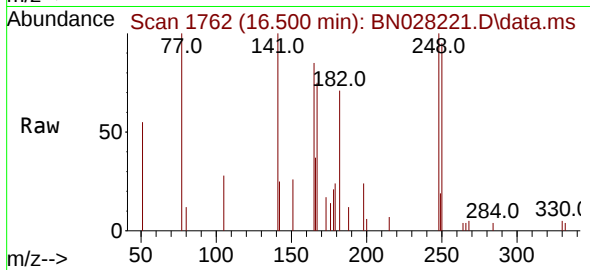
#21
4-Bromophenyl-phenylether
Concen: 0.418 ng
RT: 16.500 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD

Tgt Ion:248 Resp: 2600
Ion Ratio Lower Upper
248 100
250 95.4 72.3 108.5
141 99.9 71.8 107.6

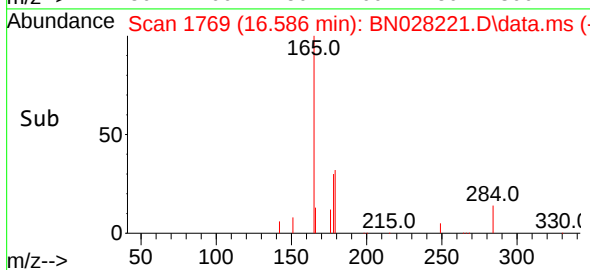
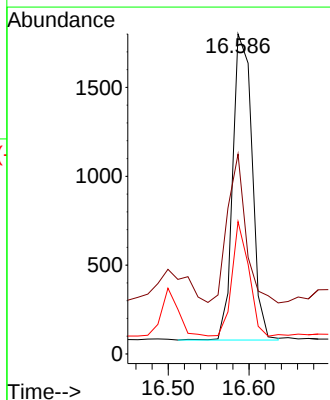
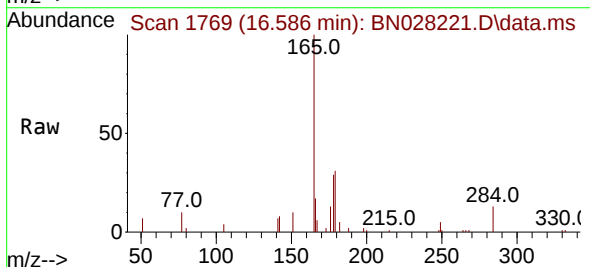
Manual Integrations
APPROVED

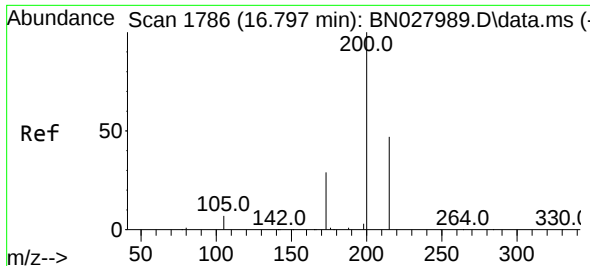
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#22
Hexachlorobenzene
Concen: 0.438 ng
RT: 16.586 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

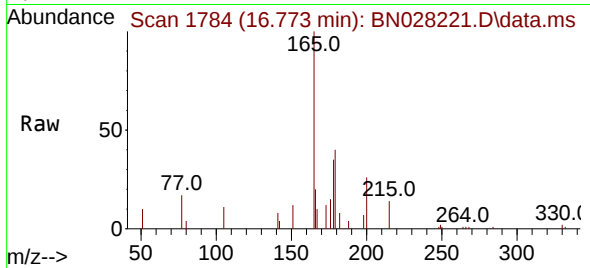
Tgt Ion:284 Resp: 2860
Ion Ratio Lower Upper
284 100
142 46.4 29.9 44.9#
249 32.4 25.0 37.4





#23
 Atrazine
 Concen: 0.449 ng
 RT: 16.773 min Scan# 1799
 Delta R.T. -0.012 min
 Lab File: BN028221.D
 Acq: 11 Oct 2023 06:35

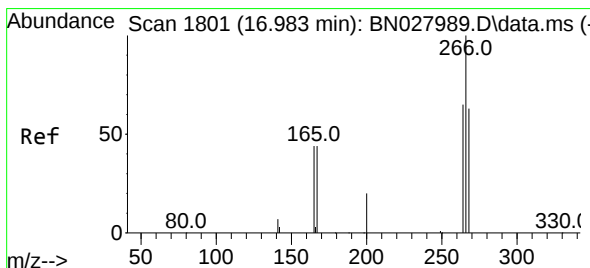
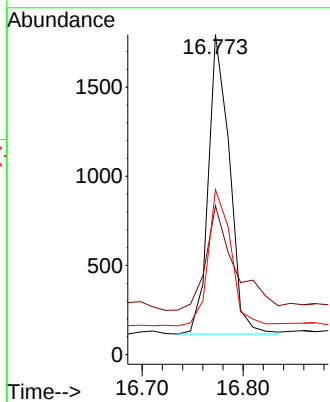
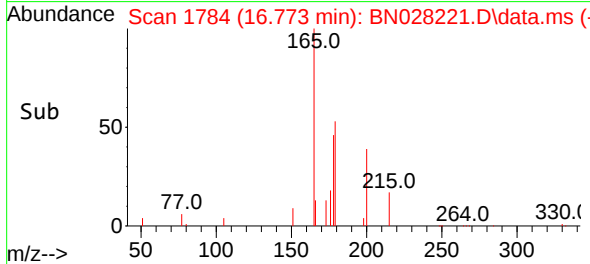
Instrument :
 BNA_N
 ClientSampleId :
 D-1(0-5)MSD



Tgt Ion:200 Resp: 2439
 Ion Ratio Lower Upper
 200 100
 173 46.5 24.7 37.1
 215 51.6 39.0 58.6

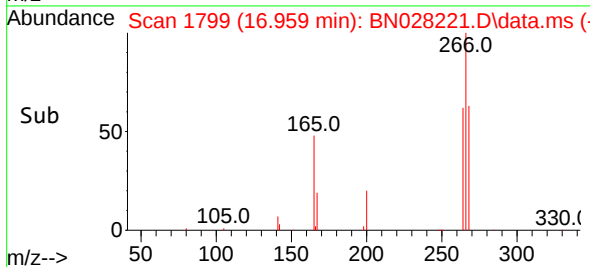
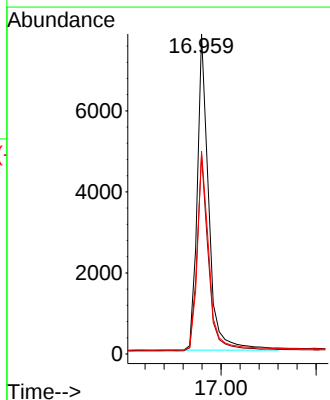
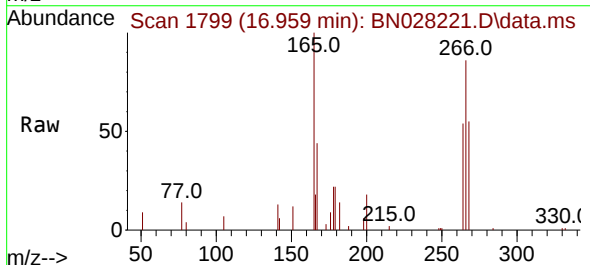
Manual Integrations
 APPROVED

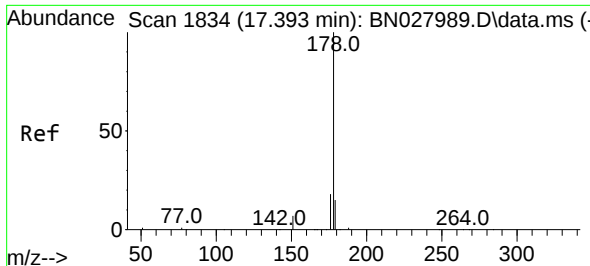
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023



#24
 Pentachlorophenol
 Concen: 4.255 ng
 RT: 16.959 min Scan# 1799
 Delta R.T. -0.012 min
 Lab File: BN028221.D
 Acq: 11 Oct 2023 06:35

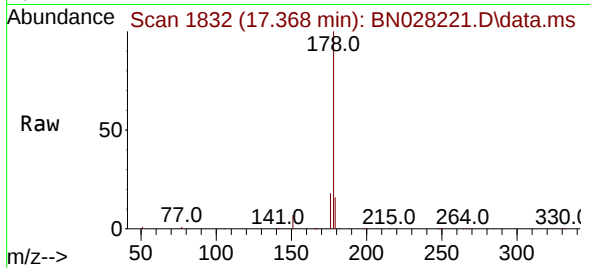
Tgt Ion:266 Resp: 13087
 Ion Ratio Lower Upper
 266 100
 264 62.5 52.7 79.1
 268 63.7 56.2 84.2





#25
Phenanthrene
Concen: 34.029 ng
RT: 17.368 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

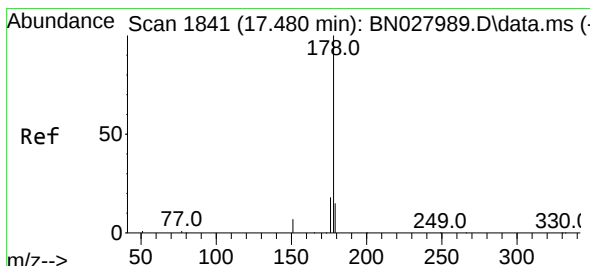
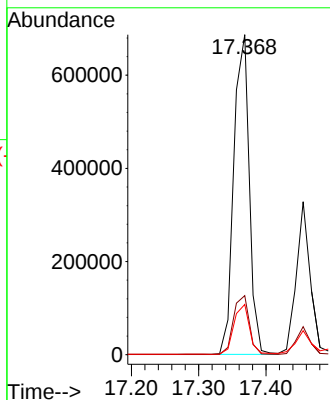
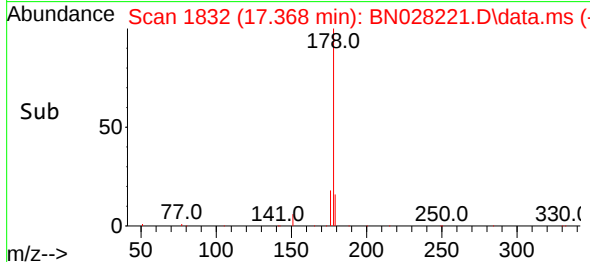
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



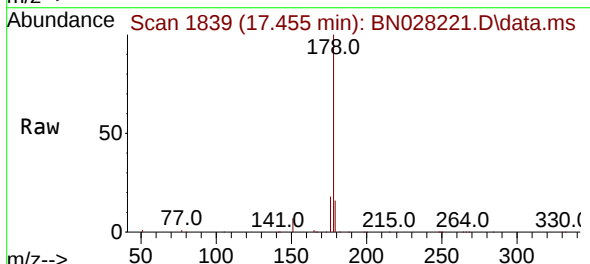
Tgt Ion:178 Resp: 1095204
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.8 12.4 18.6

Manual Integrations
APPROVED

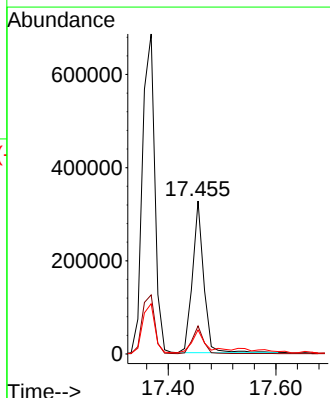
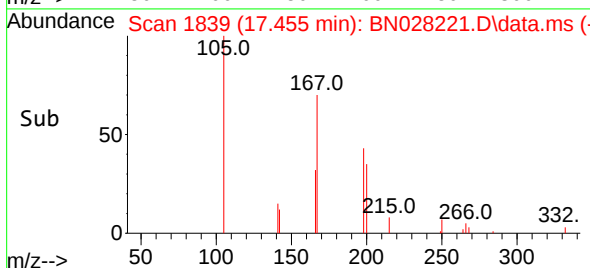
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

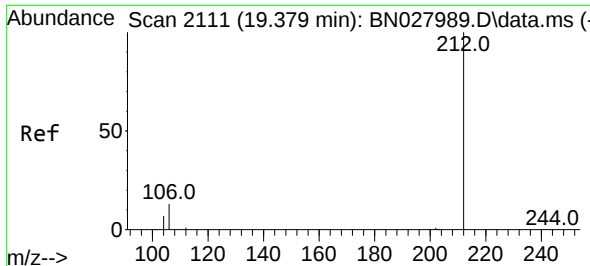


#26
Anthracene
Concen: 15.533 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35



Tgt Ion:178 Resp: 472522
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 19.2 12.2 18.2#





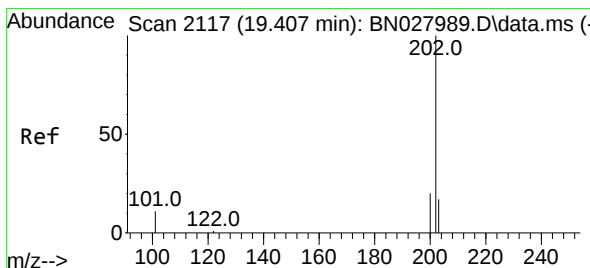
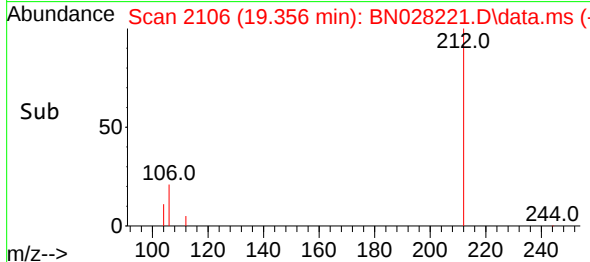
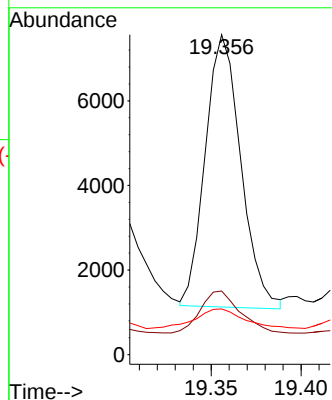
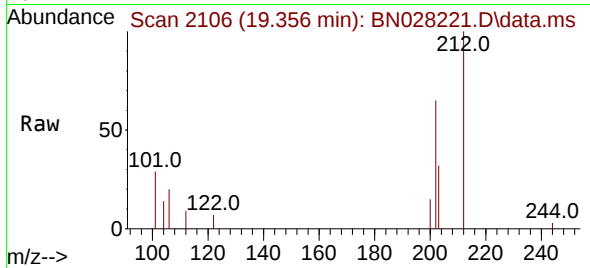
#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 19.356 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD

Tgt Ion:212 Resp: 886
Ion Ratio Lower Upper
212 100
106 17.2 11.3 16.9
104 10.1 6.4 9.6

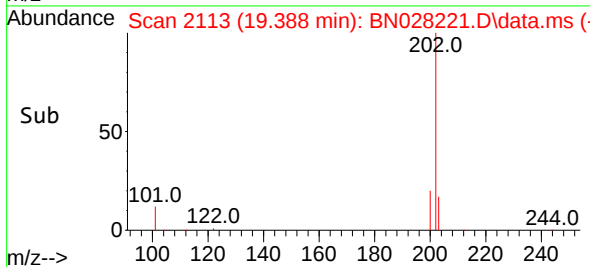
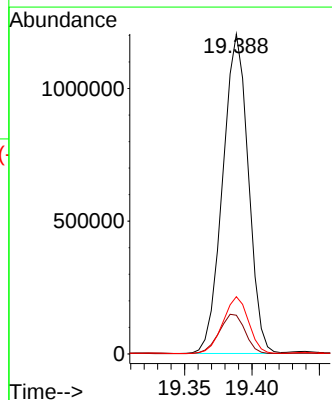
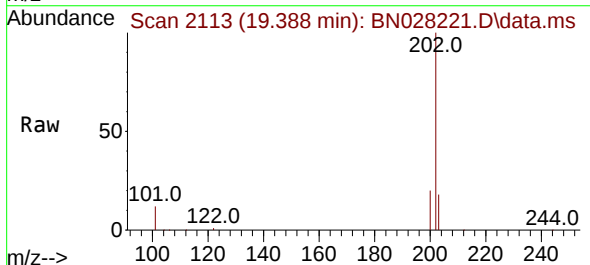
Manual Integrations
APPROVED

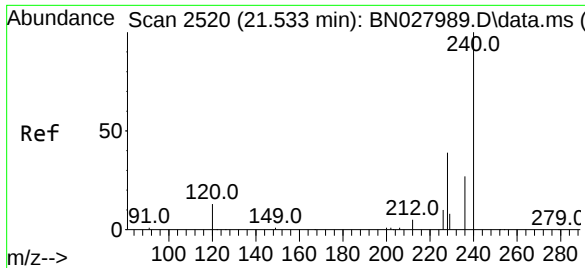
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#28
Fluoranthene
Concen: 42.773 ng
RT: 19.388 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Tgt Ion:202 Resp: 1588725
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
203 17.8 13.8 20.8





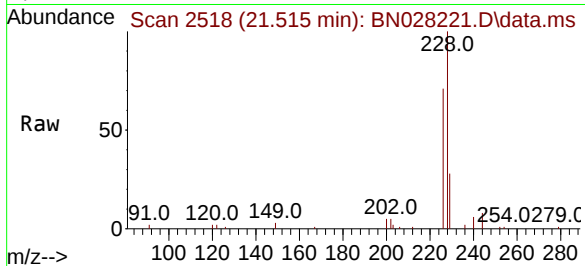
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.515 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

Instrument :

BNA_N

ClientSampleId :

D-1(0-5)MSD



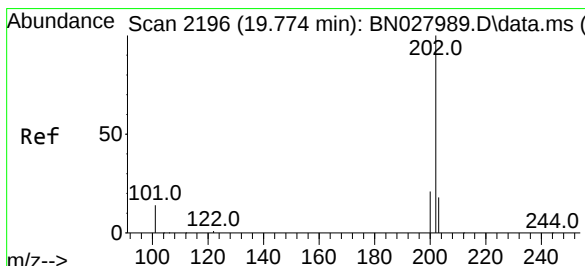
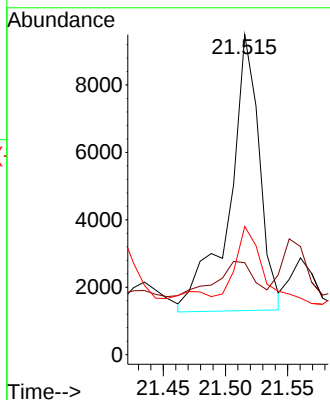
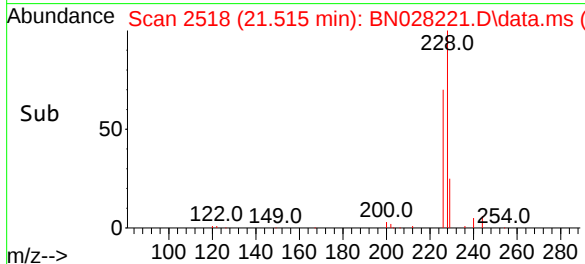
Tgt Ion:240 Resp: 13718
Ion Ratio Lower Upper
240 100
120 28.8 13.8 20.6
236 40.1 22.6 33.8

Manual Integrations

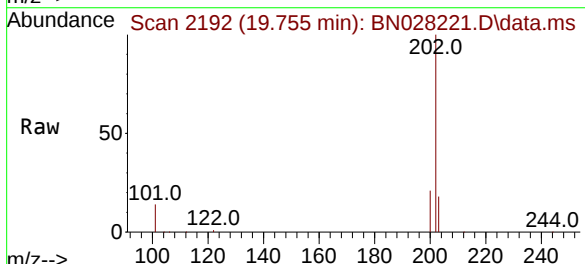
APPROVED

Reviewed By :Yogesh Patel 10/11/2023

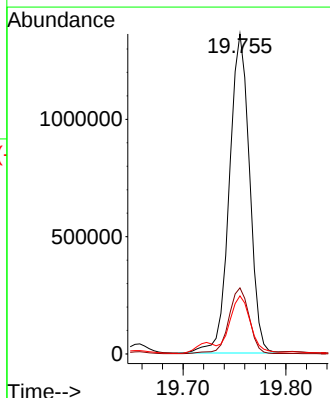
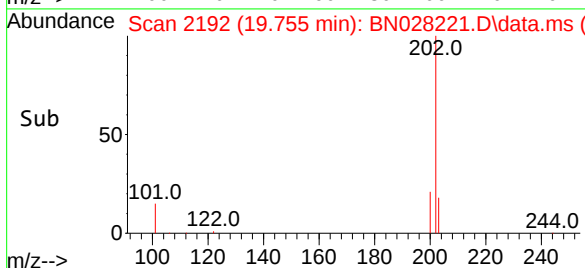
Supervised By :mohammad ahmed 10/12/2023

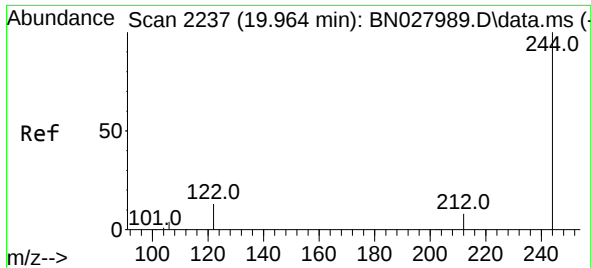


#30
Pyrene
Concen: 36.842 ng
RT: 19.755 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35



Tgt Ion:202 Resp: 1853273
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 17.6 14.7 22.1





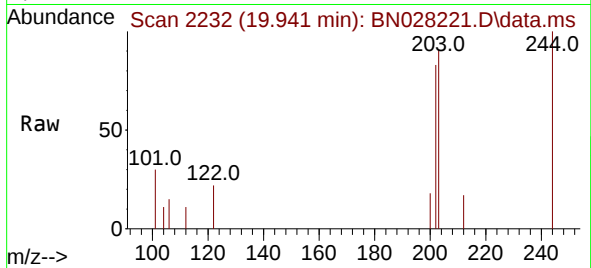
#31
 Terphenyl-d14
 Concen: 0.263 ng
 RT: 19.941 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: BN028221.D
 Acq: 11 Oct 2023 06:35

Instrument :

BNA_N

ClientSampleId :

D-1(0-5)MSD



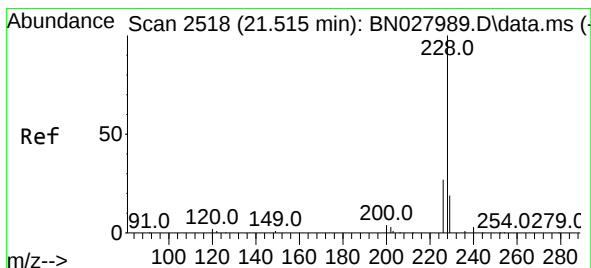
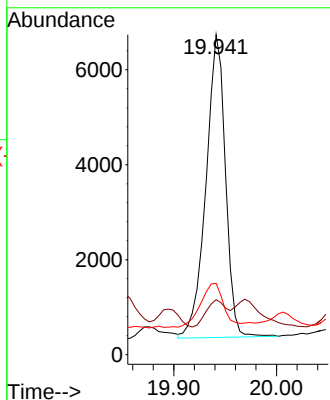
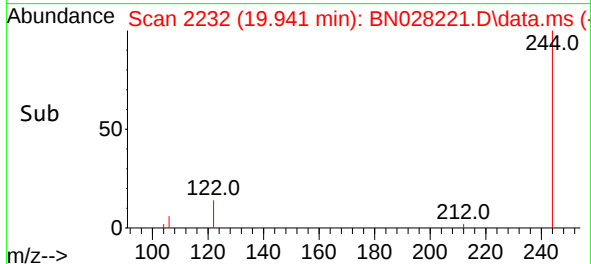
Tgt Ion:244 Resp: 8410
 Ion Ratio Lower Upper
 244 100
 212 17.2 6.6 9.8
 122 22.3 11.4 17.0

Manual Integrations

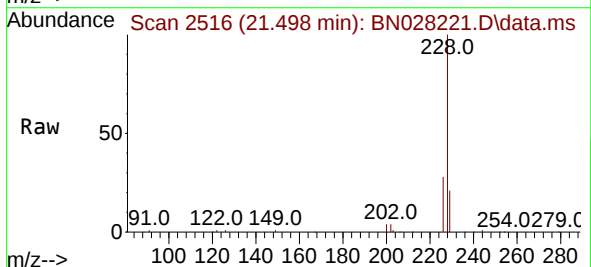
APPROVED

Reviewed By :Yogesh Patel 10/11/2023

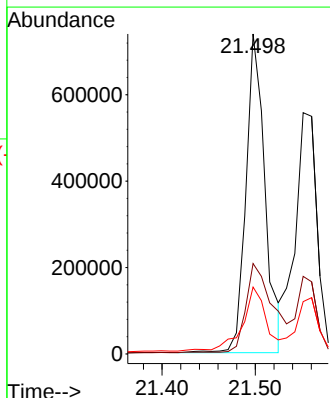
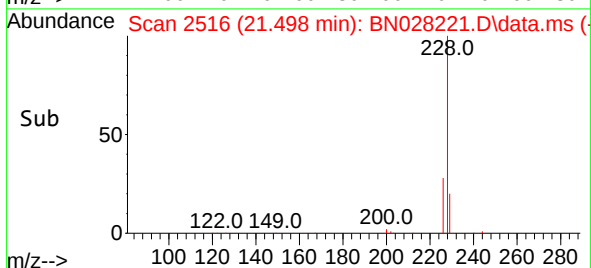
Supervised By :mohammad ahmed 10/12/2023

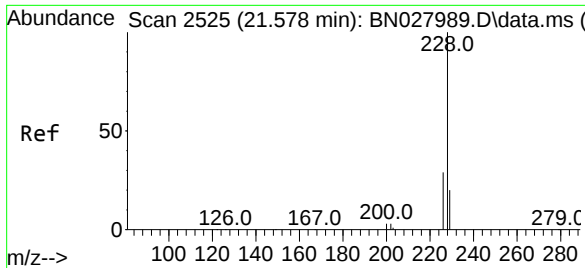


#32
 Benzo(a)anthracene
 Concen: 22.569 ng
 RT: 21.498 min Scan# 2516
 Delta R.T. 0.000 min
 Lab File: BN028221.D
 Acq: 11 Oct 2023 06:35



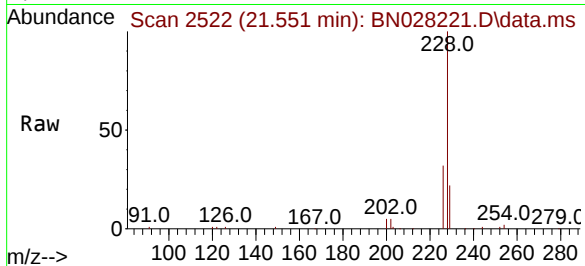
Tgt Ion:228 Resp: 1053525
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.0 33.0
 229 20.9 16.0 24.0





#33
Chrysene
Concen: 20.207 ng
RT: 21.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

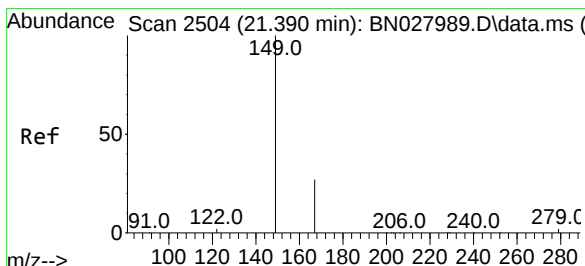
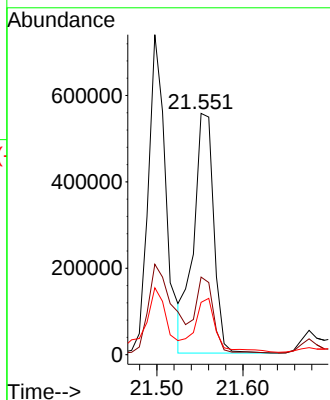
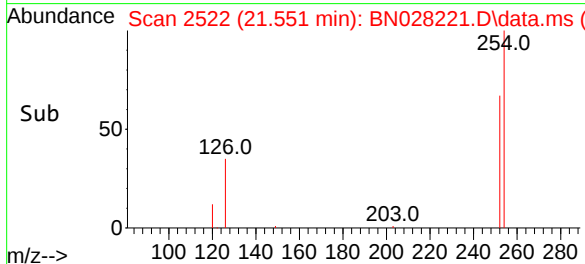
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



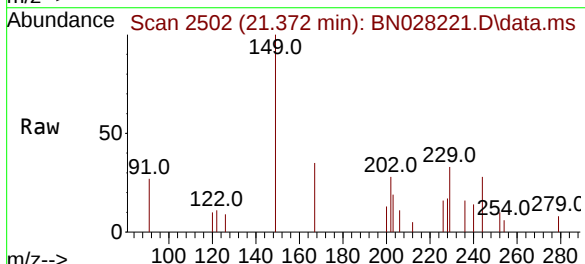
Tgt Ion:228 Resp: 909039
Ion Ratio Lower Upper
228 100
226 32.1 23.8 35.8
229 21.7 16.6 25.0

Manual Integrations
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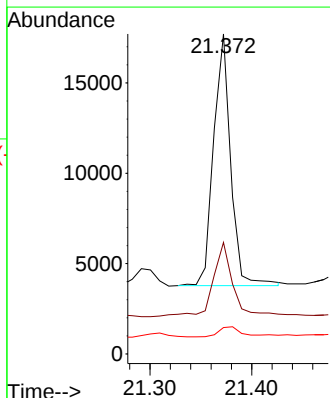
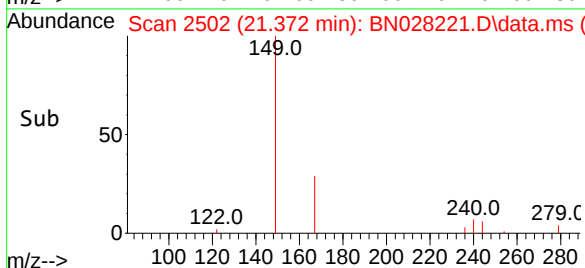
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

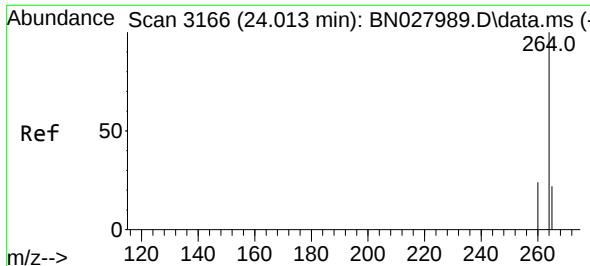


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.529 ng
RT: 21.372 min Scan# 2502
Delta R.T. 0.009 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35



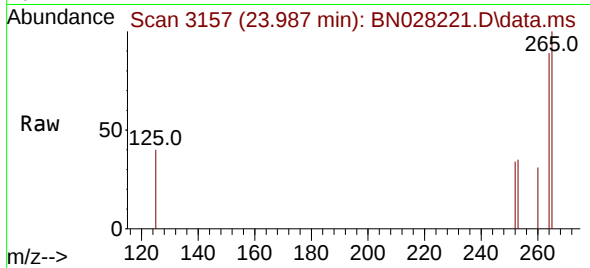
Tgt Ion:149 Resp: 16234
Ion Ratio Lower Upper
149 100
167 34.5 22.1 33.1#
279 5.3 3.4 5.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.987 min Scan# 3166
 Delta R.T. 0.012 min
 Lab File: BN028221.D
 Acq: 11 Oct 2023 06:35

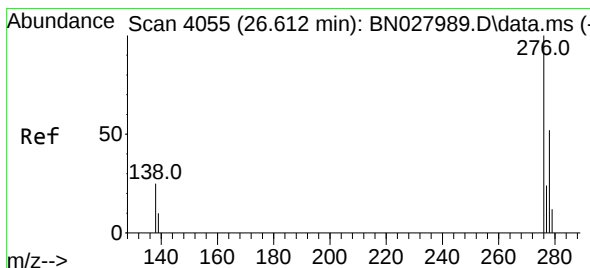
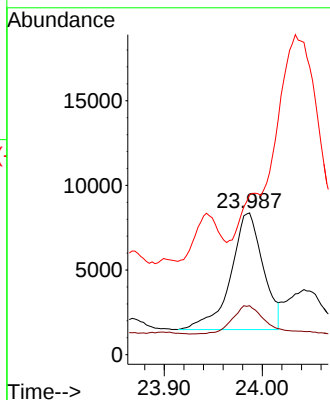
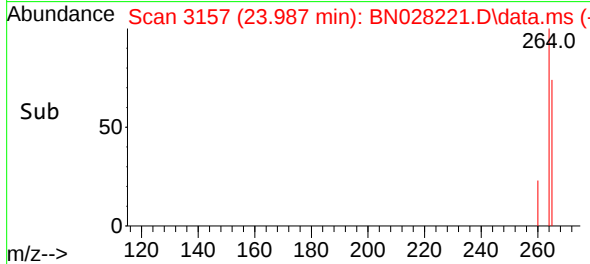
Instrument :
 BNA_N
 ClientSampleId :
 D-1(0-5)MSD



Tgt Ion:264 Resp: 1586
 Ion Ratio Lower Upper
 264 100
 260 34.5 20.2 30.4
 265 113.0 54.8 82.2

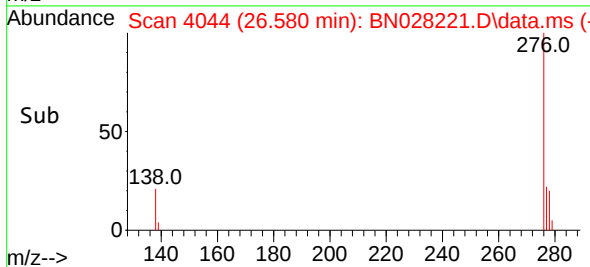
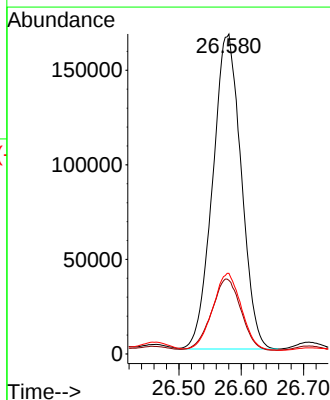
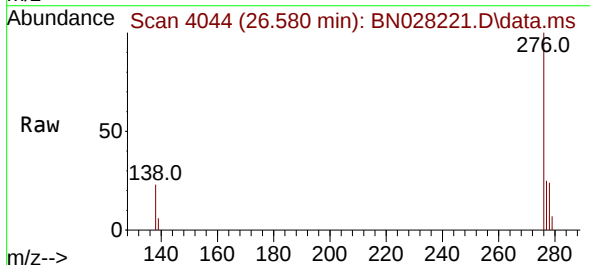
Manual Integrations
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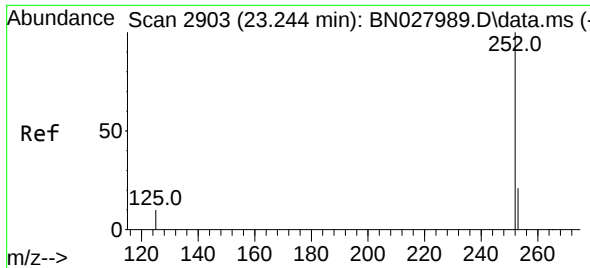
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 9.897 ng
 RT: 26.580 min Scan# 4044
 Delta R.T. 0.023 min
 Lab File: BN028221.D
 Acq: 11 Oct 2023 06:35

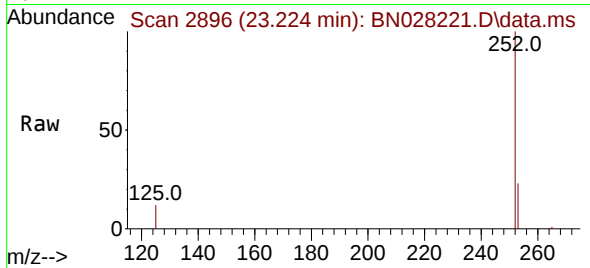
Tgt Ion:276 Resp: 528035
 Ion Ratio Lower Upper
 276 100
 138 23.4 20.9 31.3
 277 24.6 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 19.766 ng
RT: 23.224 min Scan# 2903
Delta R.T. 0.012 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

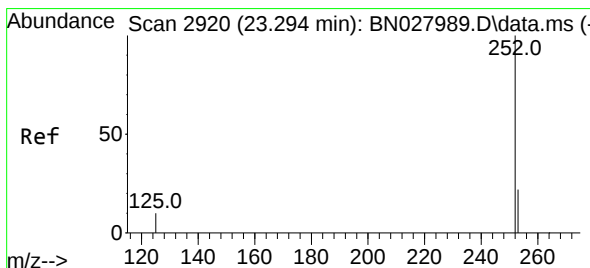
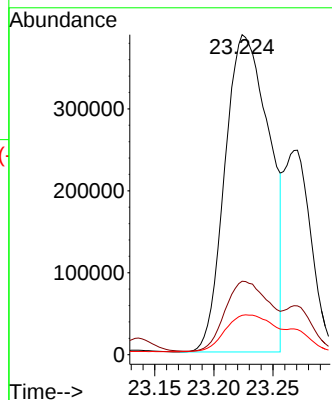
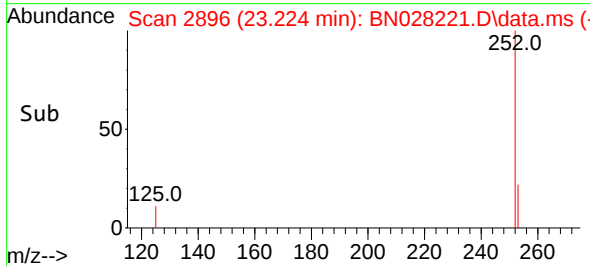
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



Tgt Ion:252 Resp: 1012528
Ion Ratio Lower Upper
252 100
253 23.0 22.9 34.3
125 12.3 13.8 20.8

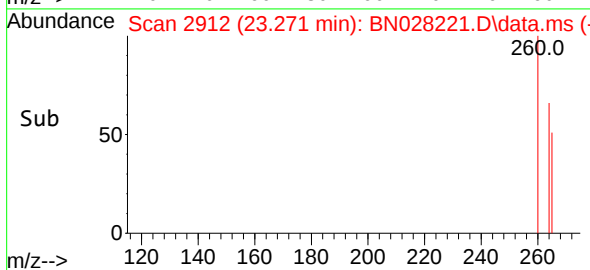
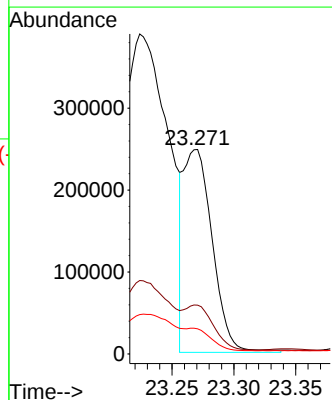
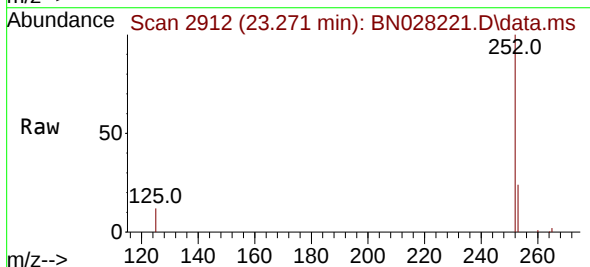
Manual Integrations
APPROVED

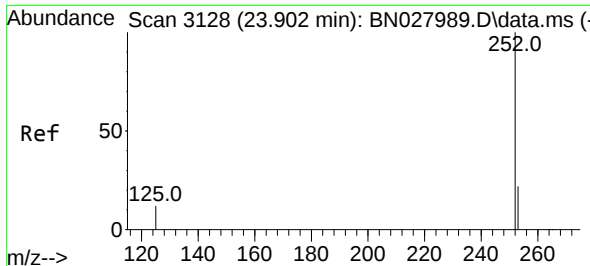
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#38
Benzo(k)fluoranthene
Concen: 7.710 ng m
RT: 23.271 min Scan# 2912
Delta R.T. 0.009 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

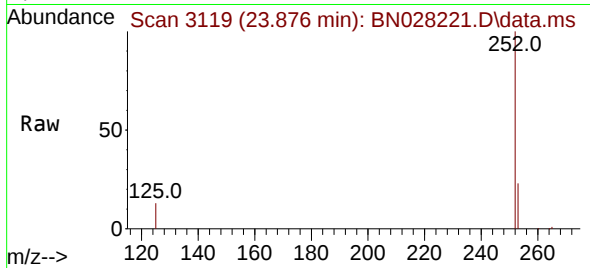
Tgt Ion:252 Resp: 400588
Ion Ratio Lower Upper
252 100
253 23.9 23.1 34.7
125 12.3 13.8 20.8





#39
Benzo(a)pyrene
Concen: 18.315 ng m
RT: 23.876 min Scan# 3119
Delta R.T. 0.012 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

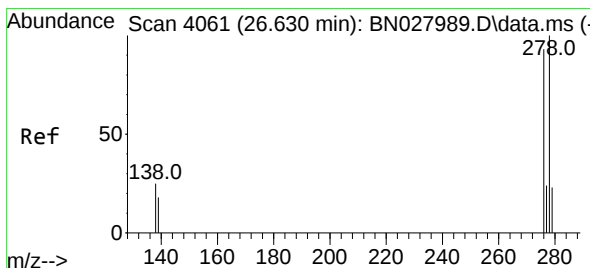
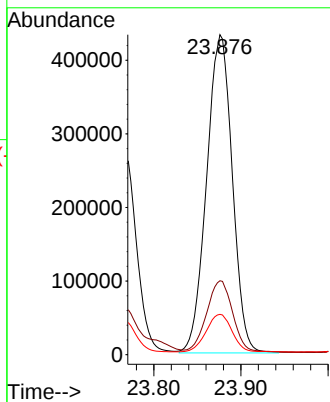
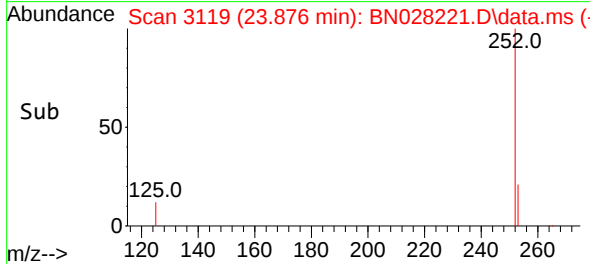
Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MSD



Tgt Ion:252 Resp: 887112
Ion Ratio Lower Upper
252 100
253 23.1 25.0 37.4
125 12.6 16.6 24.8

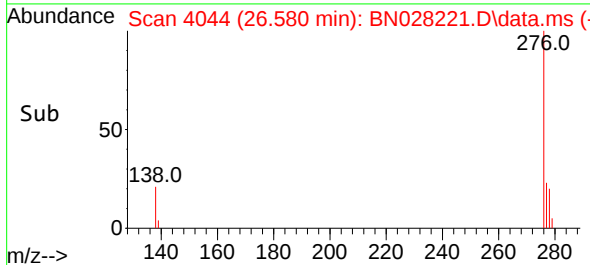
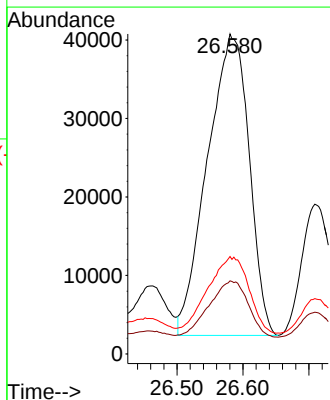
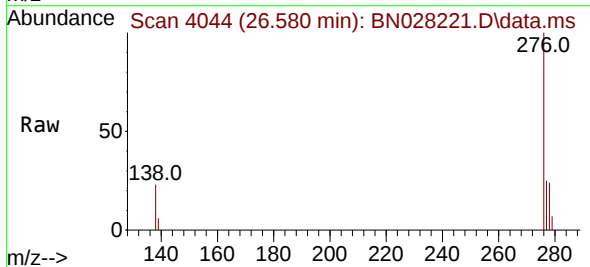
Manual Integrations
APPROVED

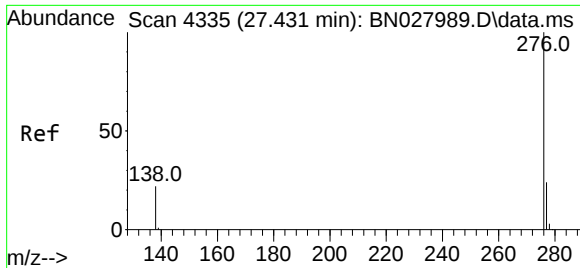
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#40
Dibenzo(a,h)anthracene
Concen: 3.869 ng
RT: 26.580 min Scan# 4044
Delta R.T. 0.003 min
Lab File: BN028221.D
Acq: 11 Oct 2023 06:35

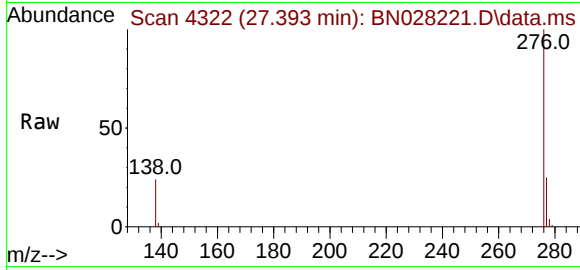
Tgt Ion:278 Resp: 168865
Ion Ratio Lower Upper
278 100
139 22.9 17.7 26.5
279 30.4 25.2 37.8





#41
 Benzo(g,h,i)perylene
 Concen: 11.869 ng
 RT: 27.393 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: BN028221.D
 Acq: 11 Oct 2023 06:35

Instrument :
 BNA_N
 ClientSampleId :
 D-1(0-5)MSD



Tgt Ion:276 Resp: 531714
 Ion Ratio Lower Upper
 276 100
 277 24.9 22.1 33.1
 138 23.7 20.8 31.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

