

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028189.D
 Acq On : 10 Oct 2023 09:14
 Operator : MA/JU
 Sample : 04622-01MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Oct 10 10:47:45 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 10/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4889	0.400	ng	# 0.00
7) Naphthalene-d8	10.735	136	15021	0.400	ng	# 0.00
13) Acenaphthene-d10	14.565	164	7991m	0.400	ng	0.00
19) Phenanthrene-d10	17.318	188	15408	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	16204m	0.400	ng	0.00
35) Perylene-d12	23.984	264	22317m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	5618	0.385	ng	0.00
5) Phenol-d6	7.076	99	5002	0.272	ng	-0.01
8) Nitrobenzene-d5	9.112	82	4386	0.343	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	6197	0.278	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1009	0.276	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	9155	0.318	ng	0.00
27) Fluoranthene-d10	19.365	212	10673	0.276	ng	0.00
31) Terphenyl-d14	19.936	244	13574	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	2191	0.399	ng	# 72
3) n-Nitrosodimethylamine	3.704	42	2802	0.446	ng	# 55
6) bis(2-Chloroethyl)ether	7.358	93	6136	0.414	ng	89
9) Naphthalene	10.799	128	12529106	322.821	ng	100
10) Hexachlorobutadiene	11.002	225	2289	0.332	ng	# 100
12) 2-Methylnaphthalene	12.392	142	1882233	69.327	ng	97
16) Acenaphthylene	14.288	152	1197824	33.837	ng	99
17) Acenaphthene	14.619	154	290131	12.857	ng	98
18) Fluorene	15.606	166	2534472	86.478	ng	100
20) 4,6-Dinitro-2-methylph...	16.772	198	1466	7.158	ng	# 19
21) 4-Bromophenyl-phenylether	16.499	248	2868	0.357	ng	# 8
22) Hexachlorobenzene	16.586	284	2916	0.346	ng	# 25
23) Atrazine	16.772	200	2188	0.312	ng	# 34
24) Pentachlorophenol	16.959	266	12311	3.101	ng	94
25) Phenanthrene	17.368	178	10154524	244.454	ng	99
26) Anthracene	17.455	178	3411401	86.885	ng	# 95
28) Fluoranthene	19.402	202	7861250	163.981	ng	97
30) Pyrene	19.760	202	6896562	116.067	ng	98
32) Benzo(a)anthracene	21.497	228	3759983	68.191	ng	98
33) Chrysene	21.560	228	3142536	59.139	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	16353	0.451	ng	95
36) Indeno(1,2,3-cd)pyrene	26.568	276	1689004	22.500	ng	98
37) Benzo(b)fluoranthene	23.224	252	3344429	46.401	ng	# 89
38) Benzo(k)fluoranthene	23.267	252	1520839m	20.803	ng	
39) Benzo(a)pyrene	23.876	252	2834812	41.595	ng	# 84
40) Dibenzo(a,h)anthracene	26.580	278	509888	8.303	ng	94
41) Benzo(g,h,i)perylene	27.384	276	1572550	24.948	ng	94

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

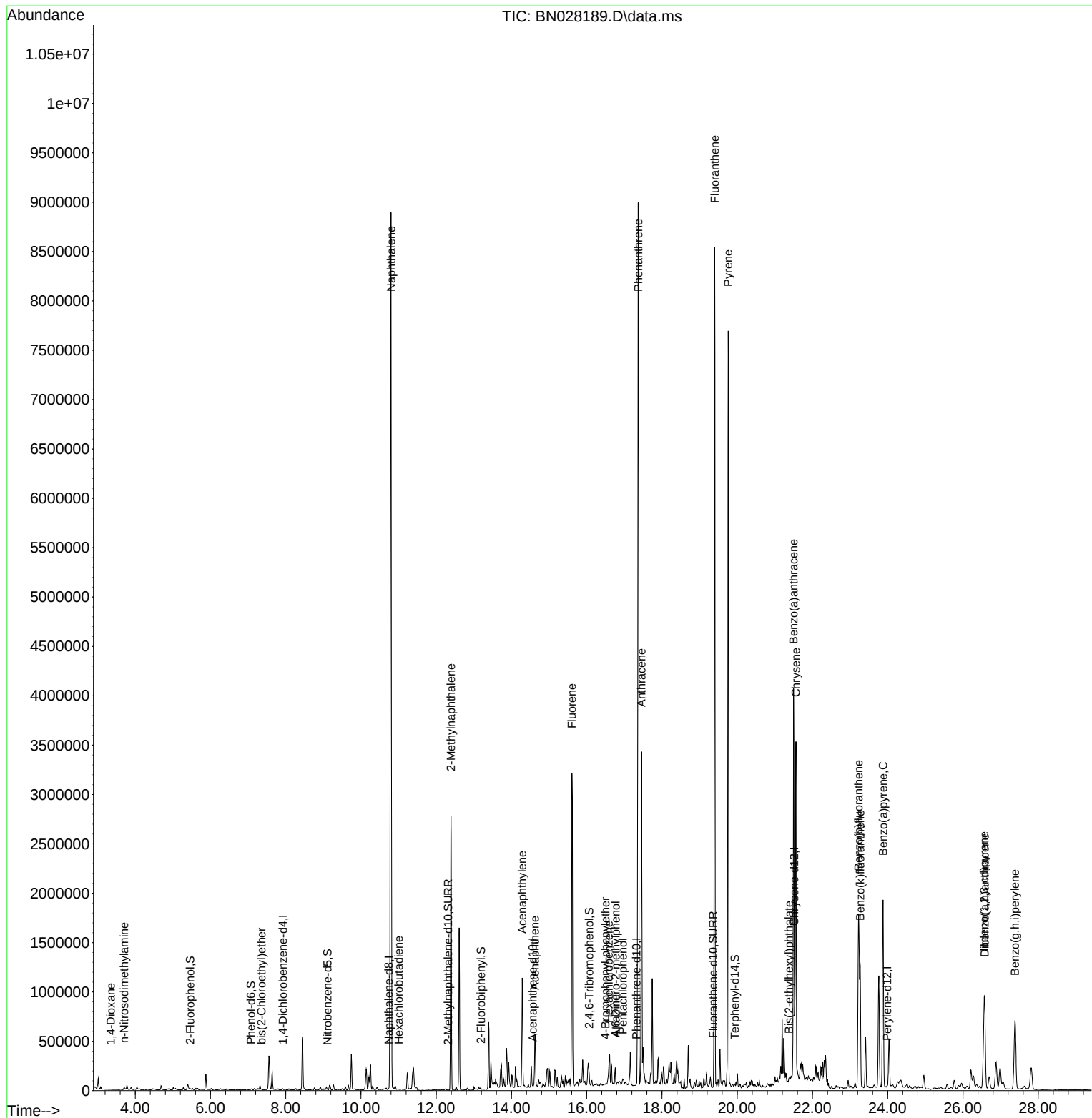
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028189.D
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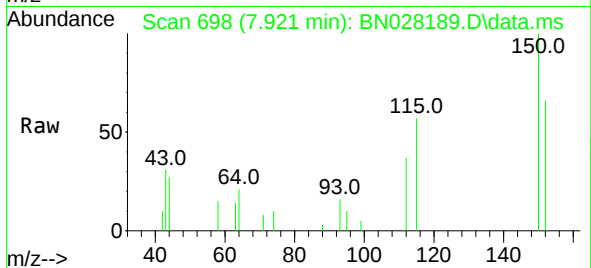
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1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.921 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

Instrument :

BNA_N

ClientSampleId :

I-1(0-5)MSD



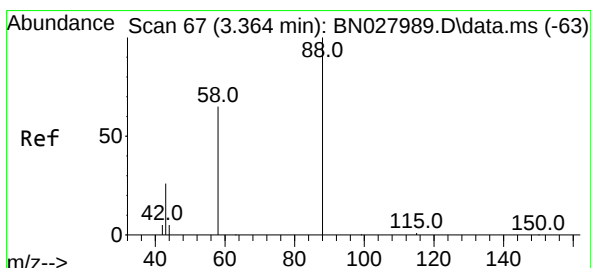
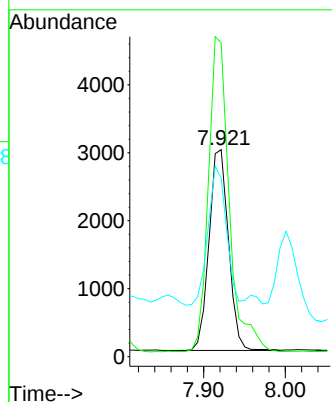
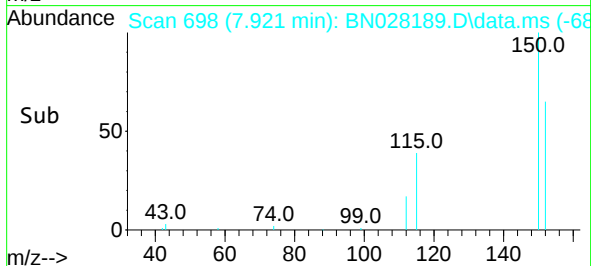
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Ion Ratio Lower Upper
152 100
150 151.6 125.6 188.4
115 86.2 54.8 82.2

Manual Integrations

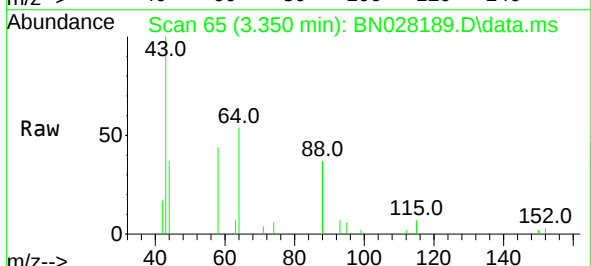
APPROVED

Reviewed By :Yogesh Patel 10/11/2023

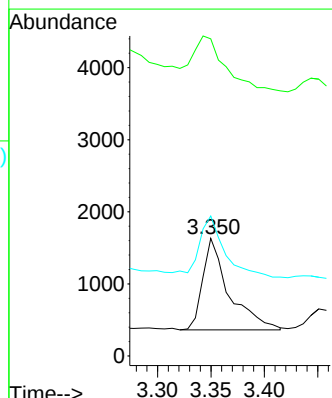
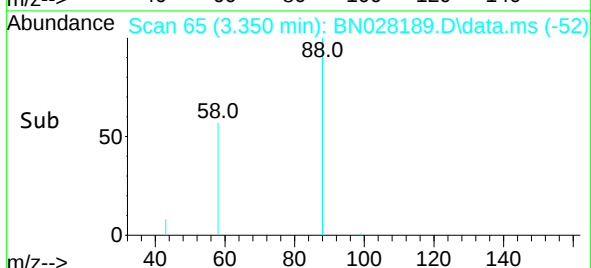
Supervised By :mohammad ahmed 10/11/2023



#2
1,4-Dioxane
Concen: 0.399 ng
RT: 3.350 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14



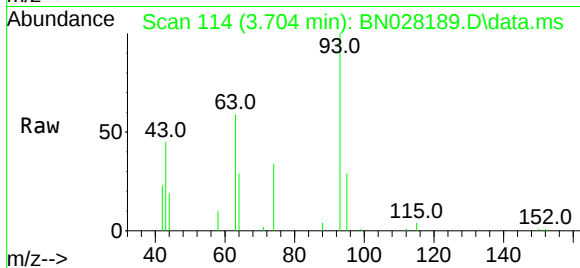
Tgt Ion: 88 Resp: 2191
Ion Ratio Lower Upper
88 100
43 74.0 24.6 36.8
58 64.0 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.446 ng
RT: 3.704 min Scan# 116
Delta R.T. -0.007 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

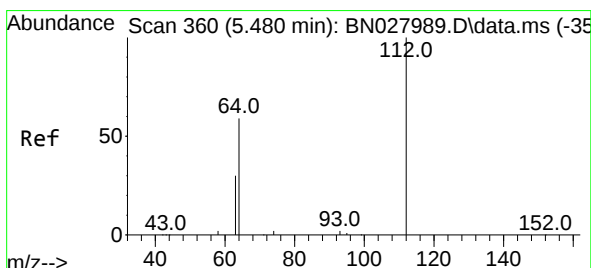
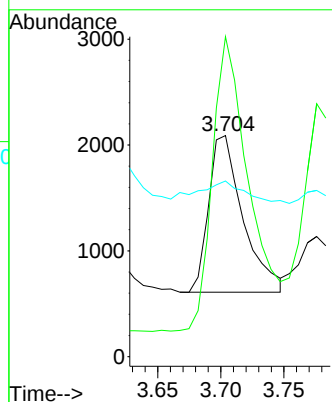
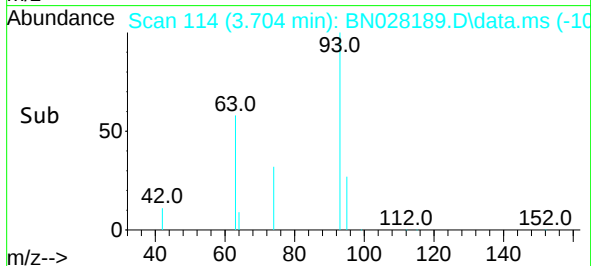
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



Tgt Ion: 42 Resp: 280
Ion Ratio Lower Upper
42 100
74 202.6 115.9 173.9
44 19.1 8.0 12.0

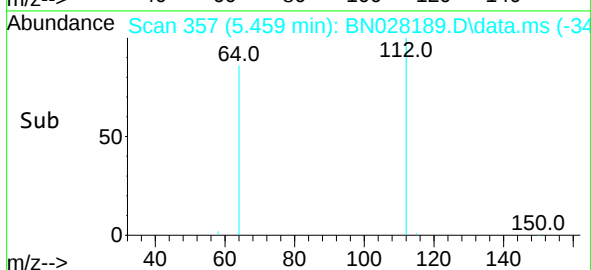
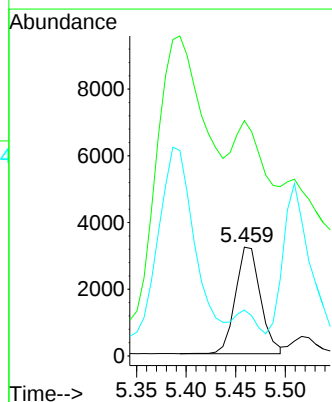
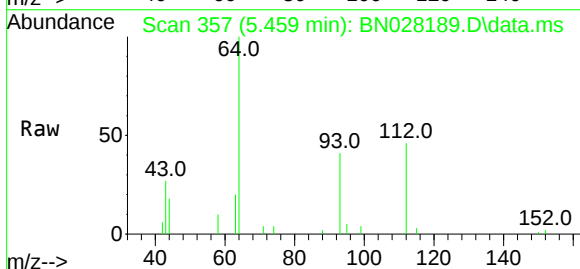
Manual Integrations
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Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

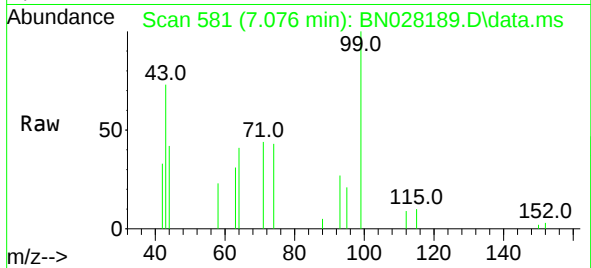
Tgt Ion:112 Resp: 5618
Ion Ratio Lower Upper
112 100
64 50.9 45.0 67.6
63 18.2 23.4 35.0





#5
Phenol-d6
Concen: 0.272 ng
RT: 7.076 min Scan# 581
Delta R.T. -0.015 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

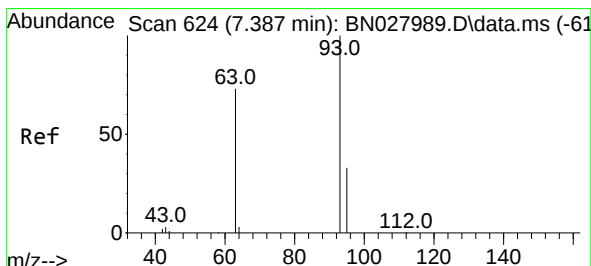
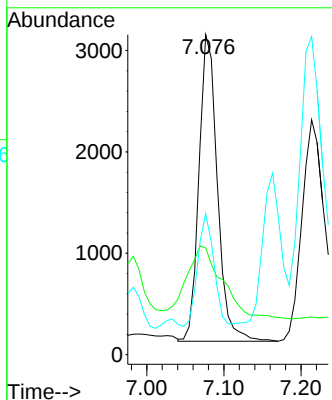
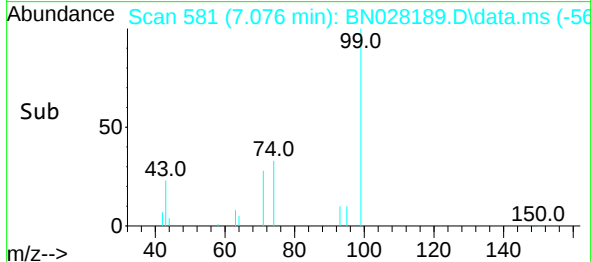
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



Tgt Ion: 99 Resp: 500
Ion Ratio Lower Upper
99 100
42 47.1 14.6 22.0
71 32.5 28.3 42.5

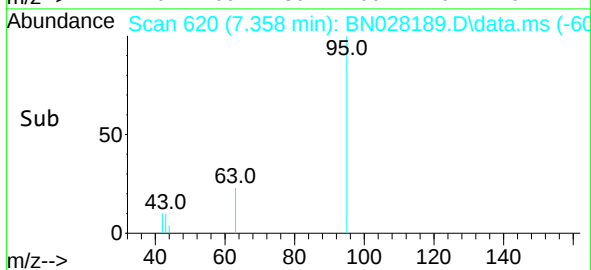
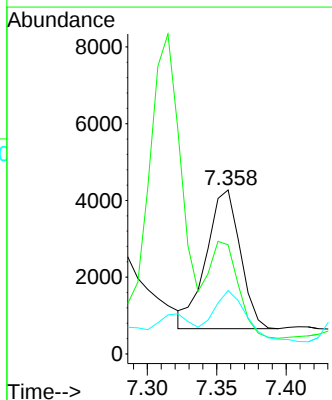
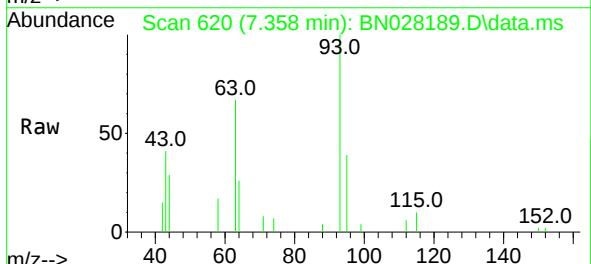
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Supervised By :mohammad ahmed 10/11/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.358 min Scan# 620
Delta R.T. -0.007 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

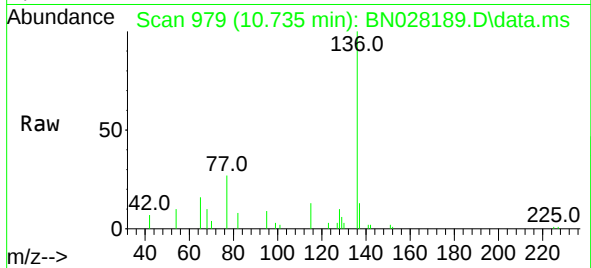
Tgt Ion: 93 Resp: 6136
Ion Ratio Lower Upper
93 100
63 61.6 58.8 88.2
95 35.9 26.6 39.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

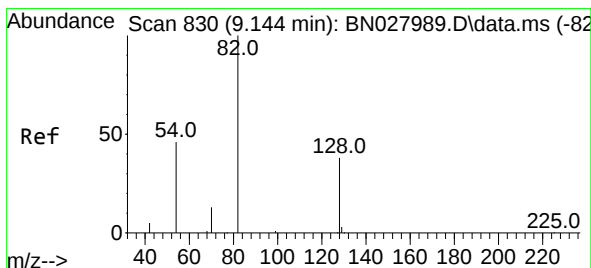
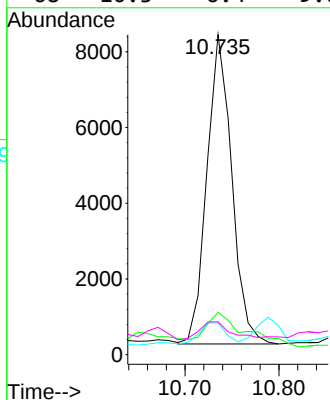
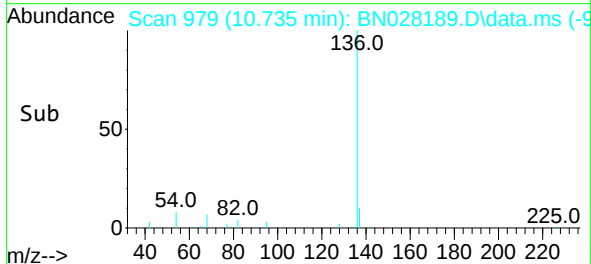
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



Tgt Ion:	136	Resp:	1502
Ion Ratio	Lower	Upper	
136	100		
137	13.2	9.4	14.0
54	9.9	7.0	10.6
68	10.3	6.4	9.6

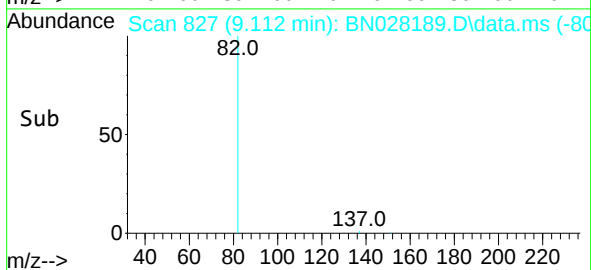
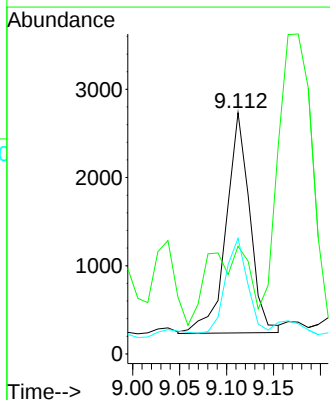
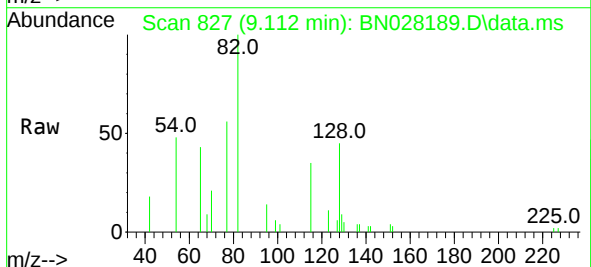
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Supervised By :mohammad ahmed 10/11/2023



#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 9.112 min Scan# 827
Delta R.T. -0.011 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

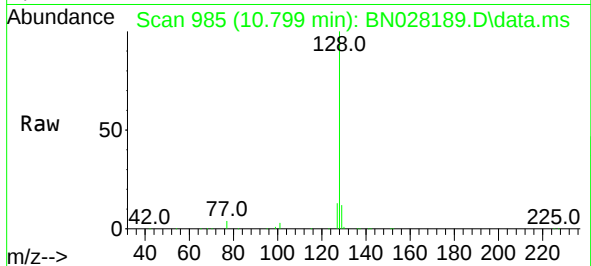
Tgt Ion:	82	Resp:	4386
Ion Ratio	Lower	Upper	
82	100		
128	44.6	32.7	49.1
54	48.0	38.7	58.1





#9
Naphthalene
Concen: 322.821 ng
RT: 10.799 min Scan# 91
Delta R.T. 0.010 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

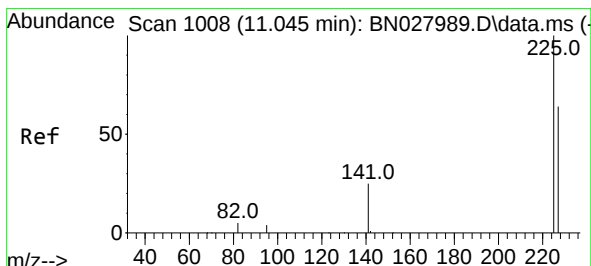
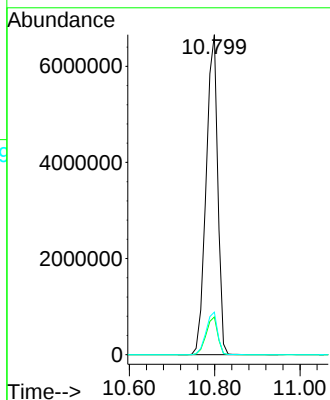
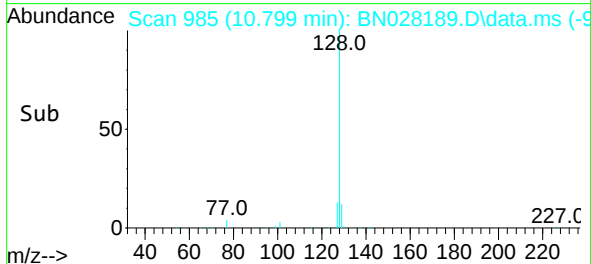
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



Tgt Ion:128 Resp:1252910
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.3 10.9 16.3

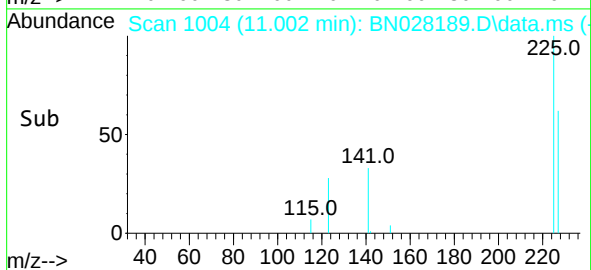
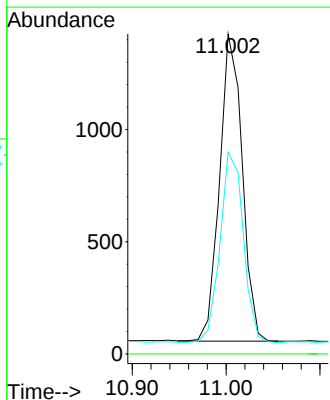
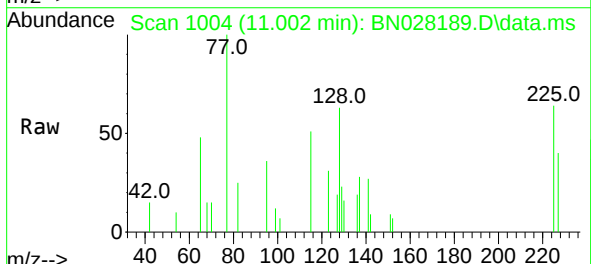
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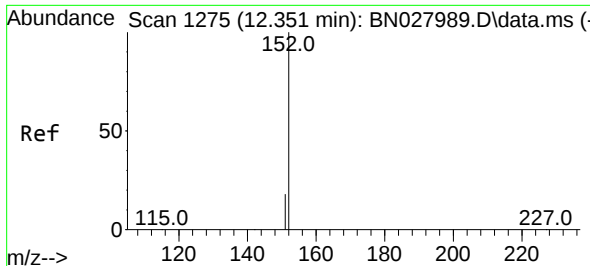
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#10
Hexachlorobutadiene
Concen: 0.332 ng
RT: 11.002 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

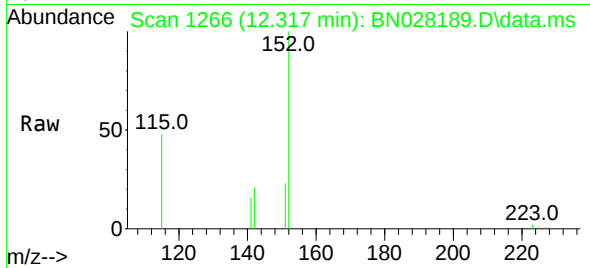
Tgt Ion:225 Resp: 2289
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.0 51.3 76.9





#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.317 min Scan# 1275
Delta R.T. -0.008 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

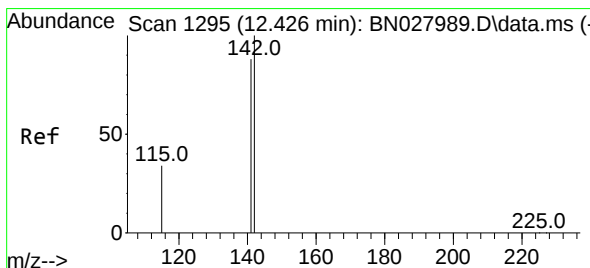
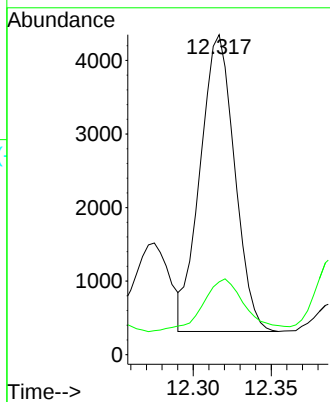
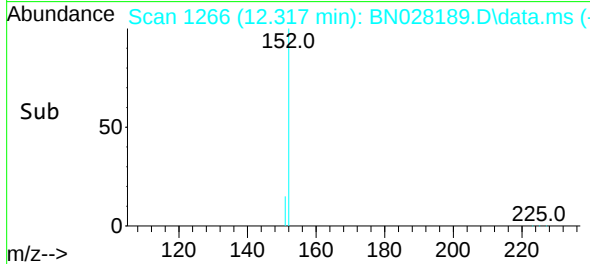
Instrument :
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I-1(0-5)MSD



Tgt Ion:152 Resp: 619
Ion Ratio Lower Upper
152 100
151 23.7 16.5 24.7

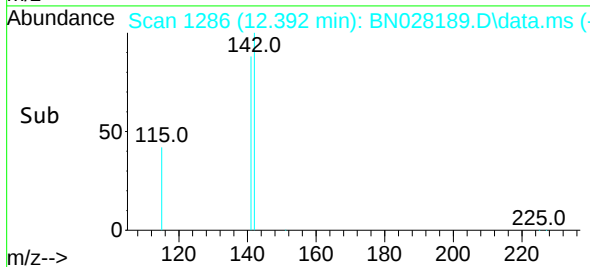
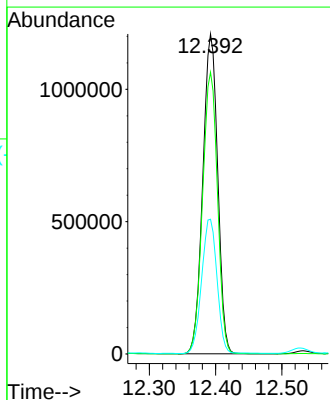
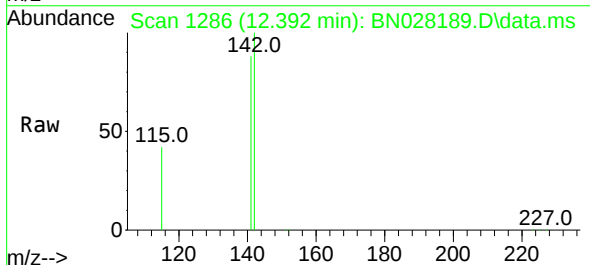
Manual Integrations
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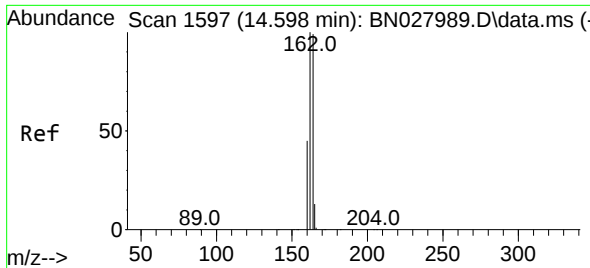
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#12
2-Methylnaphthalene
Concen: 69.327 ng
RT: 12.392 min Scan# 1286
Delta R.T. -0.008 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

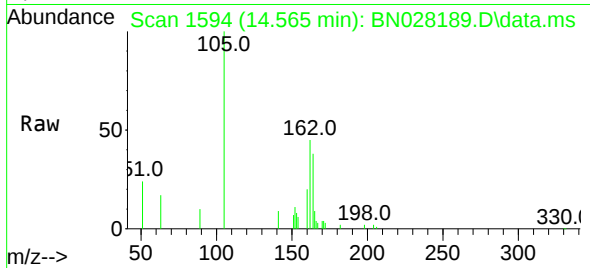
Tgt Ion:142 Resp: 1882233
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1
115 42.1 28.6 42.8





#13
Acenaphthene-d10
Concen: 0.400 ng m
RT: 14.565 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

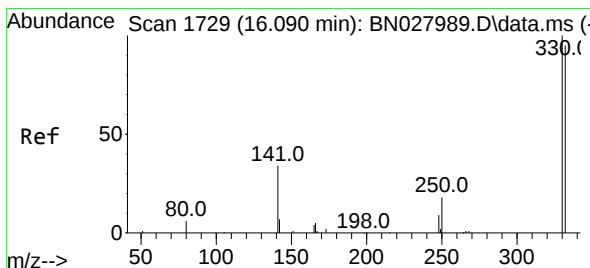
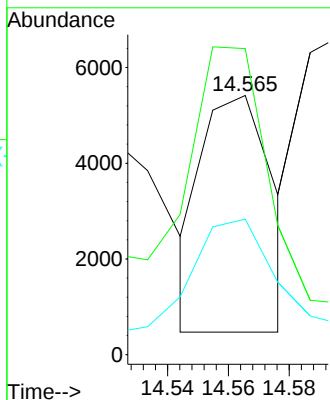
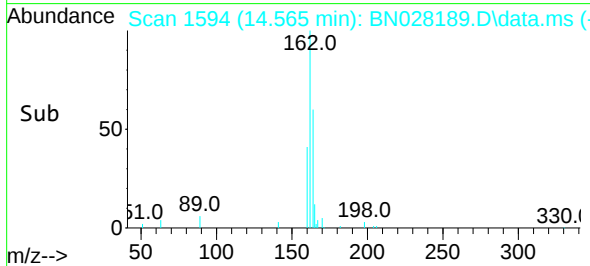
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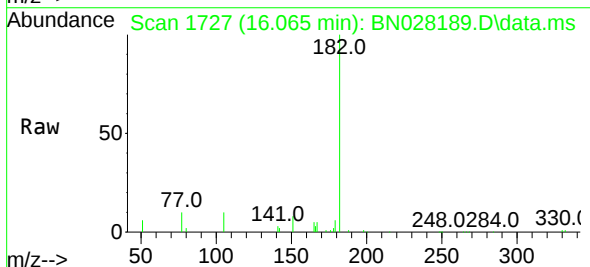
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Ion Ratio Lower Upper
164 100
162 118.1 80.8 121.2
160 52.3 36.4 54.6

Manual Integrations
APPROVED

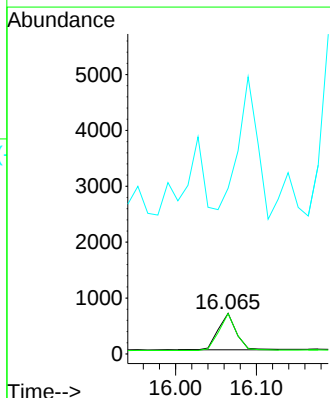
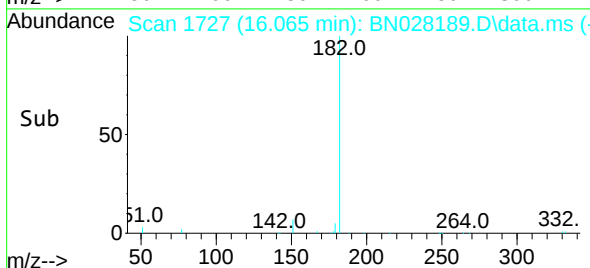
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

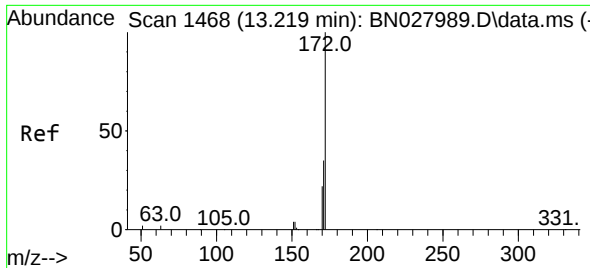


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 16.065 min Scan# 1727
Delta R.T. -0.013 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14



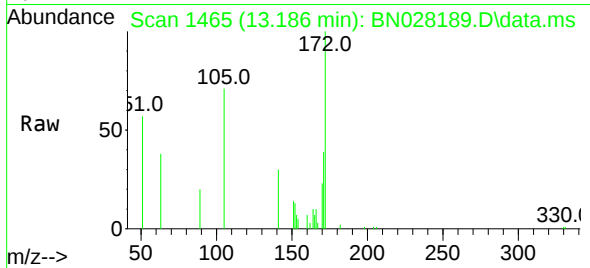
Tgt Ion:330 Resp: 1009
Ion Ratio Lower Upper
330 100
332 99.0 78.1 117.1
141 0.0 33.4 50.2#





#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.186 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

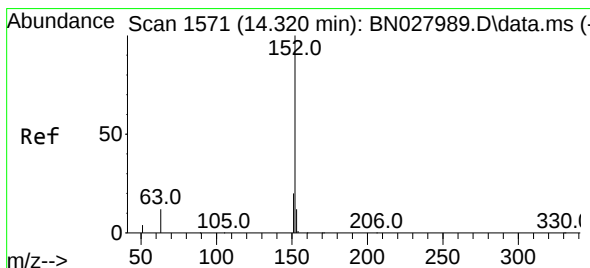
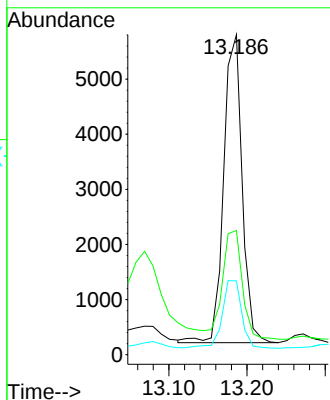
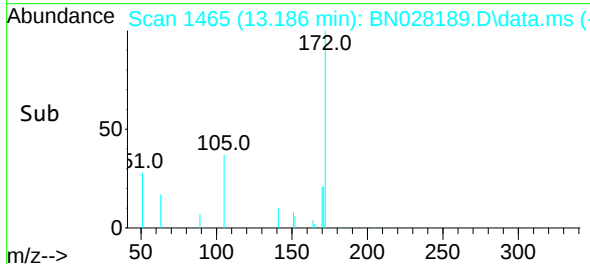
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



Tgt Ion:172 Resp: 915
Ion Ratio Lower Upper
172 100
171 38.8 28.1 42.1
170 23.1 18.4 27.6

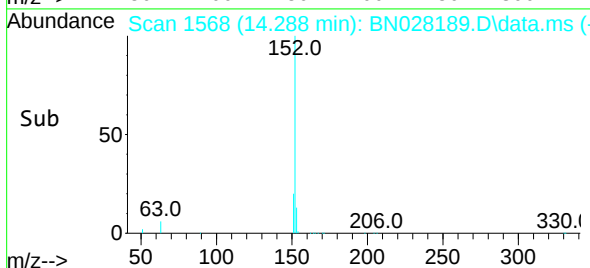
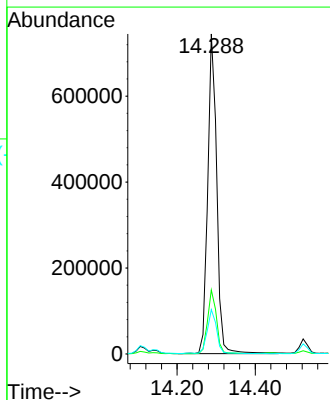
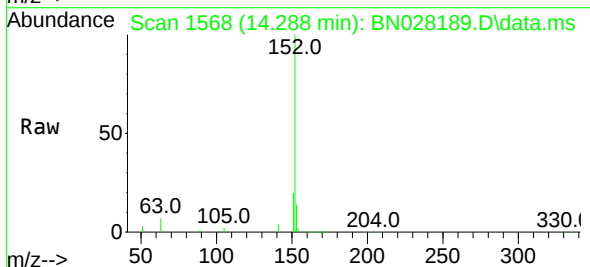
Manual Integrations
APPROVED

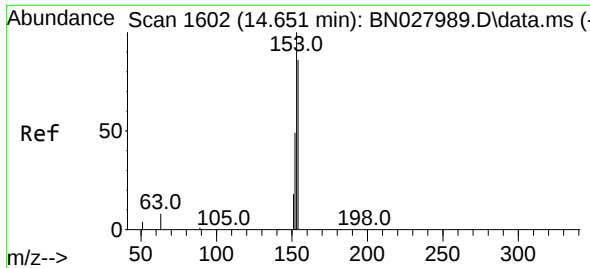
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#16
Acenaphthylene
Concen: 33.837 ng
RT: 14.288 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

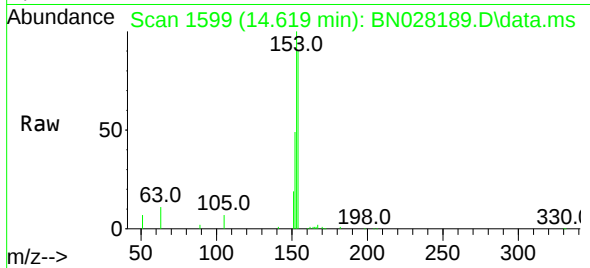
Tgt Ion:152 Resp: 1197824
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 14.1 10.2 15.4





#17
Acenaphthene
Concen: 12.857 ng
RT: 14.619 min Scan# 1599
Delta R.T. -0.011 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

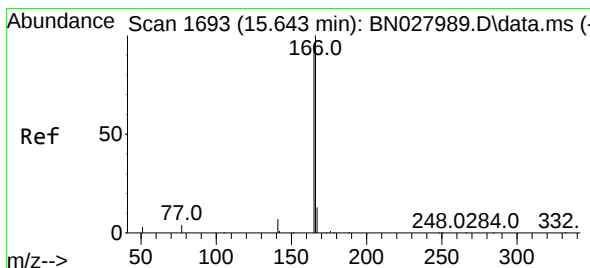
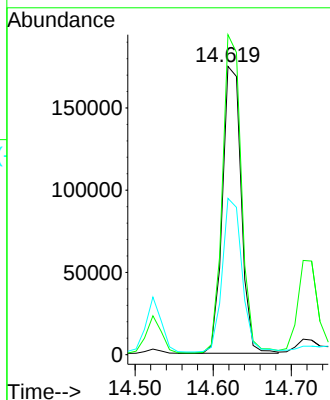
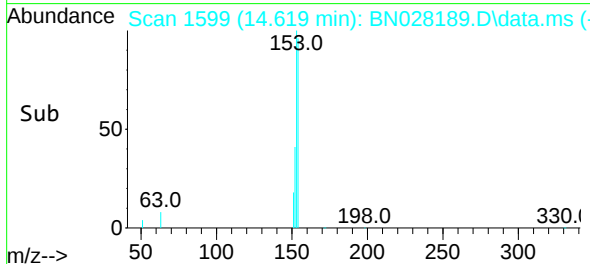
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



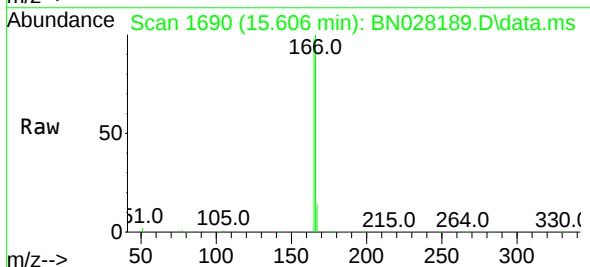
Tgt Ion:154 Resp: 29013
Ion Ratio Lower Upper
154 100
153 112.2 90.8 136.2
152 56.5 43.9 65.9

Manual Integrations
APPROVED

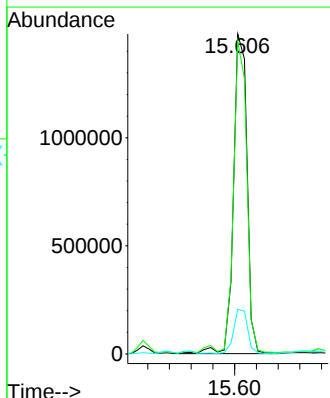
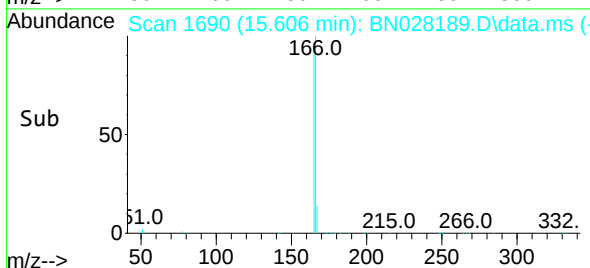
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

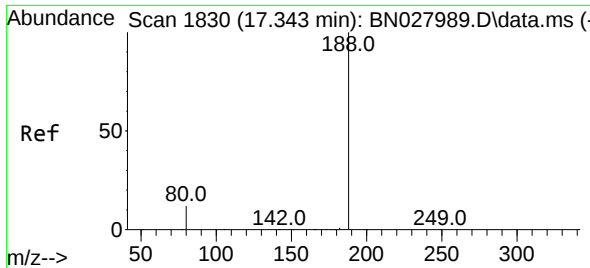


#18
Fluorene
Concen: 86.478 ng
RT: 15.606 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14



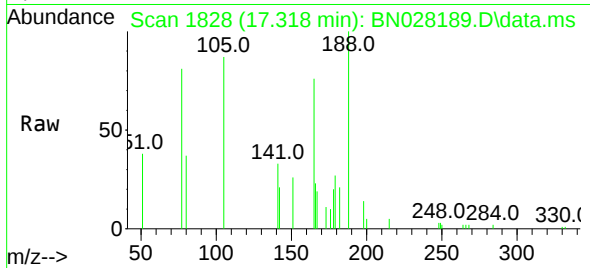
Tgt Ion:166 Resp: 2534472
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 14.5 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.318 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

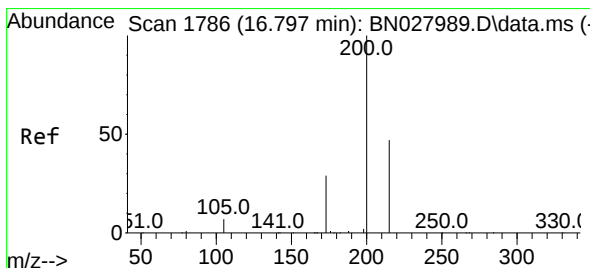
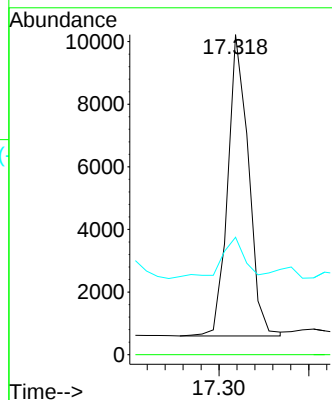
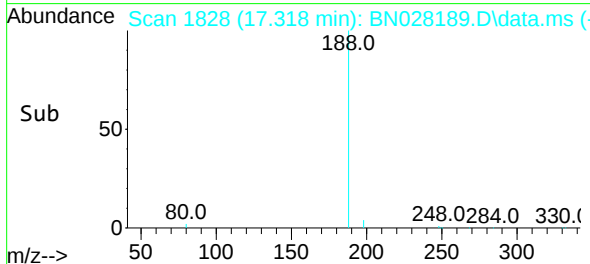
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



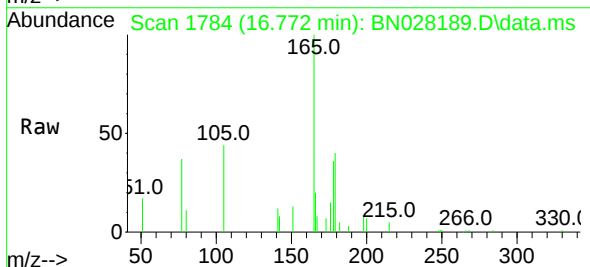
Tgt Ion:188 Resp: 15408
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 36.7 10.2 15.4

Manual Integrations
APPROVED

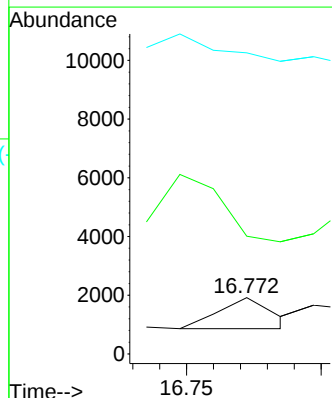
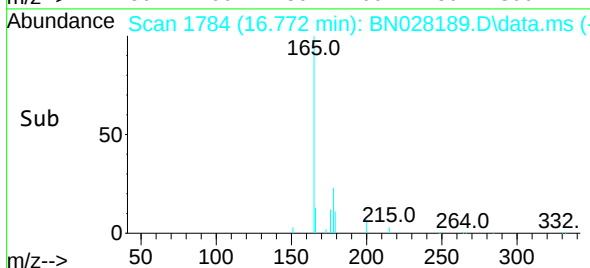
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

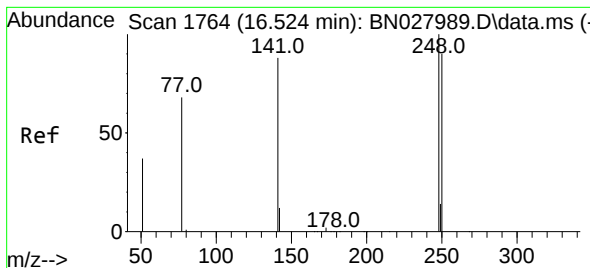


#20
4,6-Dinitro-2-methylphenol
Concen: 7.158 ng
RT: 16.772 min Scan# 1784
Delta R.T. -0.013 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14



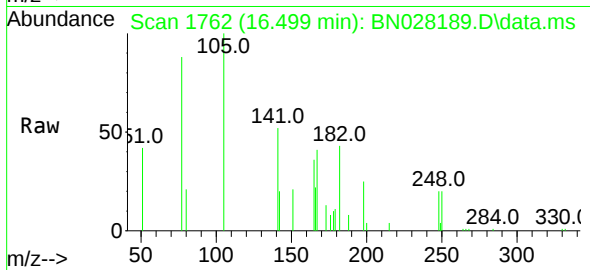
Tgt Ion:198 Resp: 1466
Ion Ratio Lower Upper
198 100
51 209.0 180.7 271.1
105 534.8 222.2 333.2





#21
4-Bromophenyl-phenylether
Concen: 0.357 ng
RT: 16.499 min Scan# 1762
Delta R.T. -0.013 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

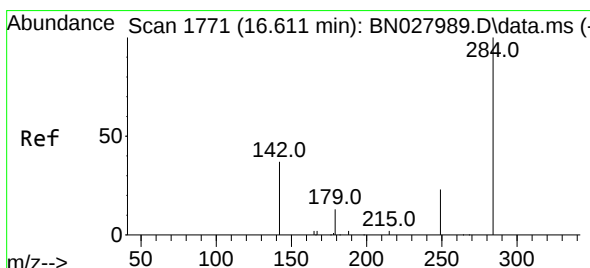
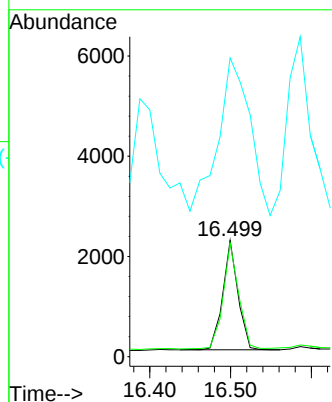
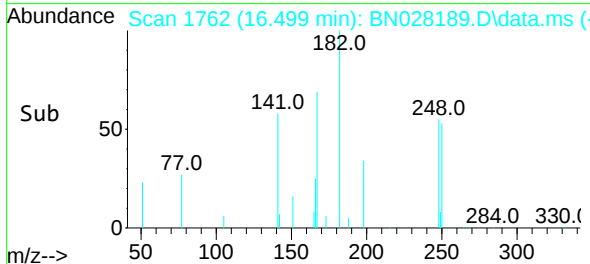
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



Tgt Ion:248 Resp: 2868
Ion Ratio Lower Upper
248 100
250 97.6 72.3 108.5
141 256.8 71.8 107.6

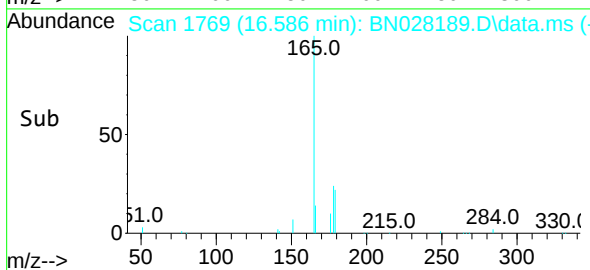
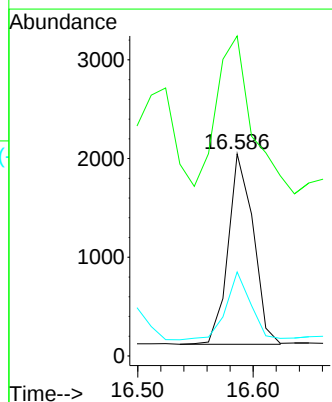
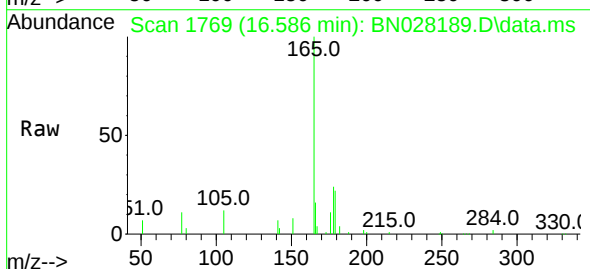
Manual Integrations
APPROVED

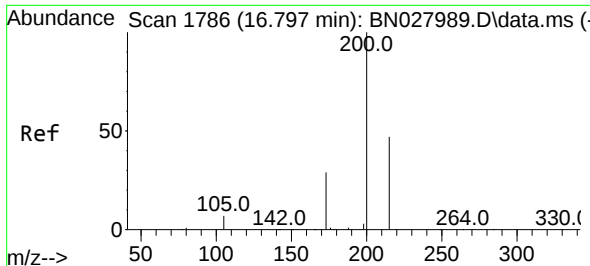
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#22
Hexachlorobenzene
Concen: 0.346 ng
RT: 16.586 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

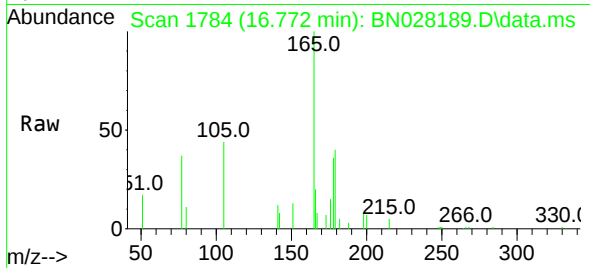
Tgt Ion:284 Resp: 2916
Ion Ratio Lower Upper
284 100
142 116.2 29.9 44.9#
249 34.8 25.0 37.4





#23
Atrazine
Concen: 0.312 ng
RT: 16.772 min Scan# 1786
Delta R.T. -0.013 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

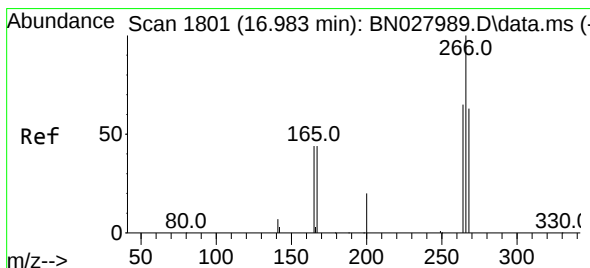
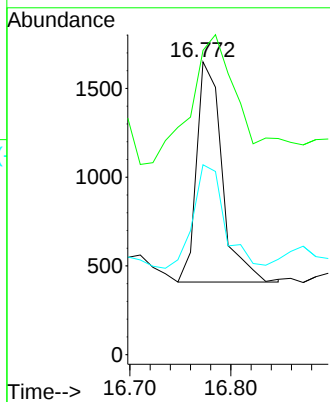
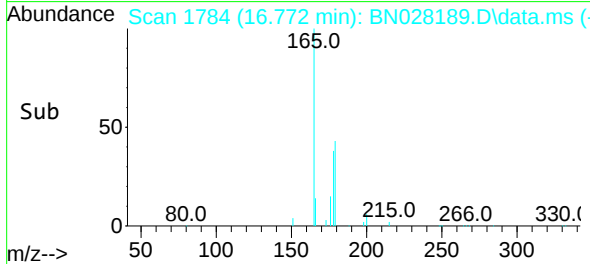
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



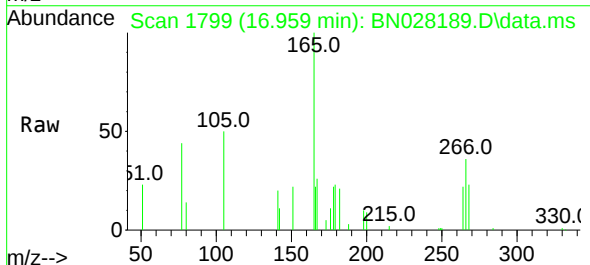
Tgt Ion:200 Resp: 2186
Ion Ratio Lower Upper
200 100
173 103.9 24.7 37.1
215 64.8 39.0 58.6

Manual Integrations
APPROVED

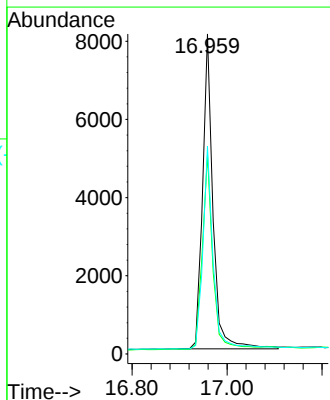
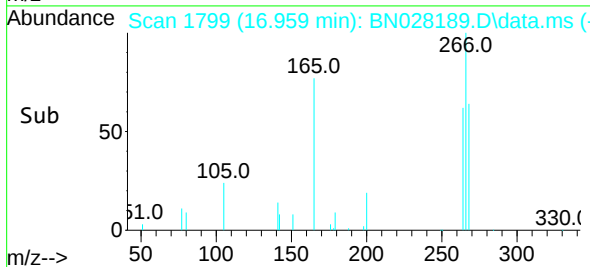
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#24
Pentachlorophenol
Concen: 3.101 ng
RT: 16.959 min Scan# 1799
Delta R.T. -0.013 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14



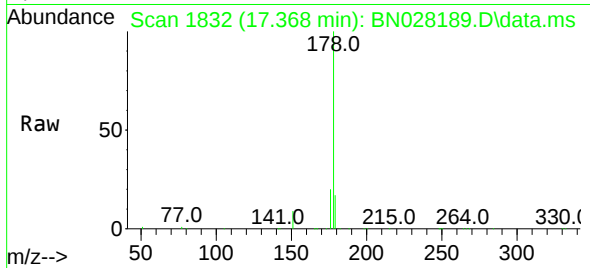
Tgt Ion:266 Resp: 12311
Ion Ratio Lower Upper
266 100
264 62.0 52.7 79.1
268 64.2 56.2 84.2





#25
Phenanthrene
Concen: 244.454 ng
RT: 17.368 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

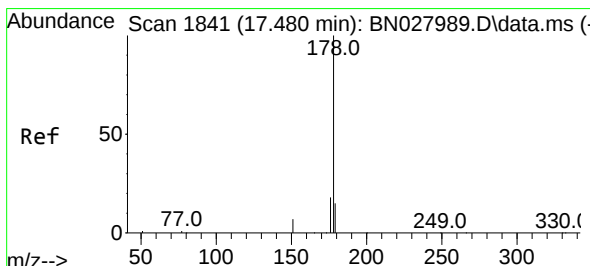
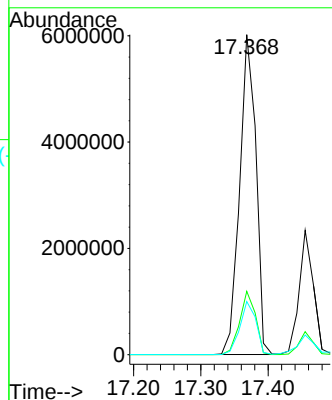
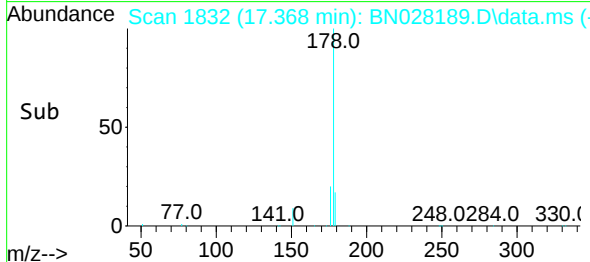
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



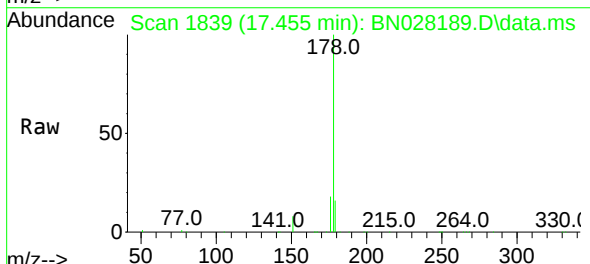
Tgt Ion:178 Resp:10154524
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 16.5 12.4 18.6

Manual Integrations
APPROVED

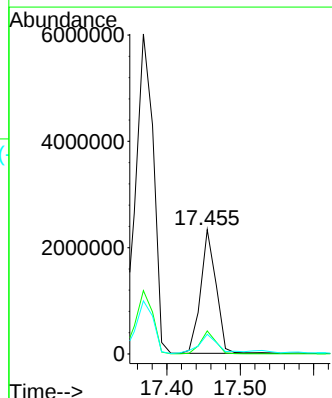
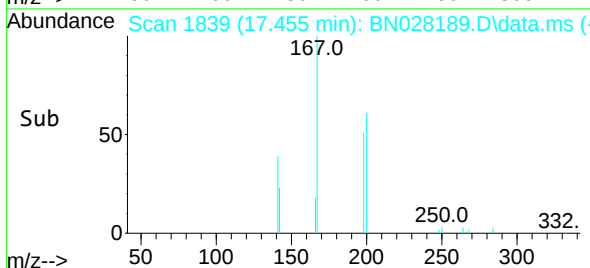
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

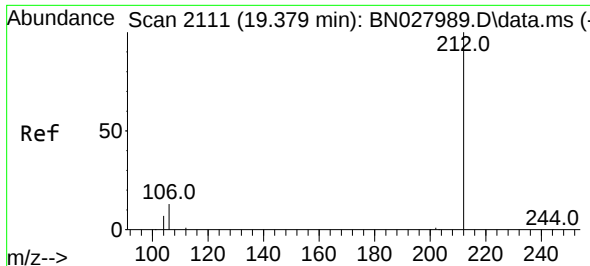


#26
Anthracene
Concen: 86.885 ng
RT: 17.455 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14



Tgt Ion:178 Resp: 3411401
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 19.3 12.2 18.2#





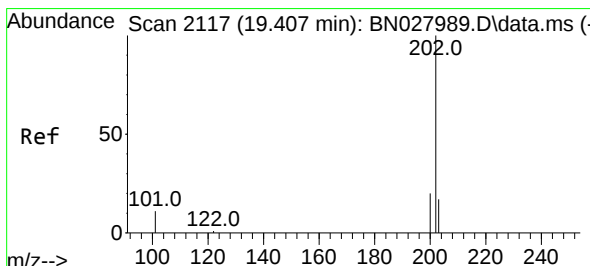
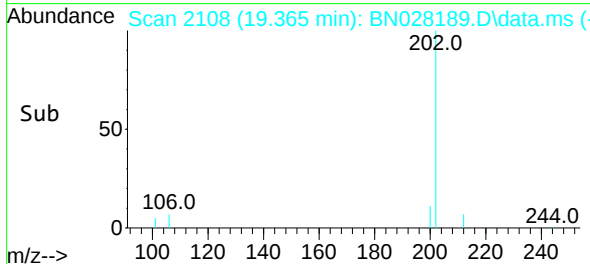
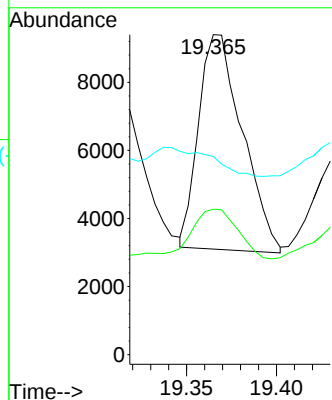
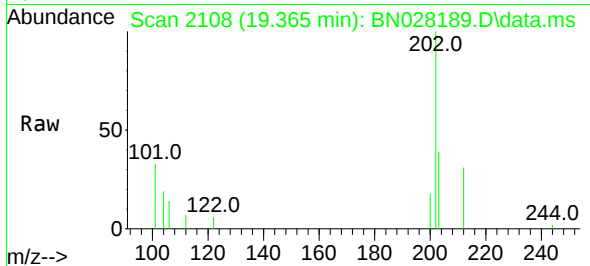
#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.365 min Scan# 2110
Delta R.T. 0.009 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

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

Tgt Ion:212 Resp: 1067
Ion Ratio Lower Upper
212 100
106 25.3 11.3 16.9
104 0.0 6.4 9.6

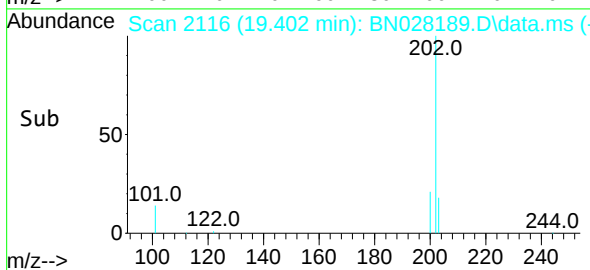
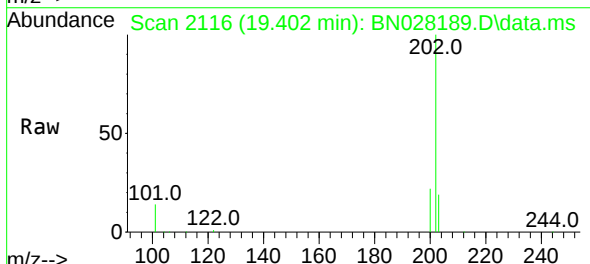
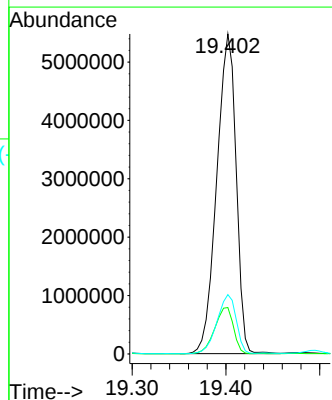
Manual Integrations
APPROVED

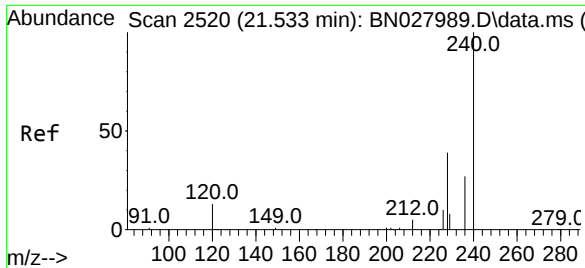
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#28
Fluoranthene
Concen: 163.981 ng
RT: 19.402 min Scan# 2116
Delta R.T. 0.018 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

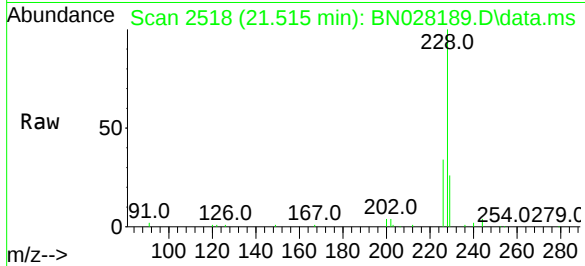
Tgt Ion:202 Resp: 7861250
Ion Ratio Lower Upper
202 100
101 14.1 9.8 14.6
203 18.3 13.8 20.8





#29
Chrysene-d12
Concen: 0.400 ng m
RT: 21.515 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

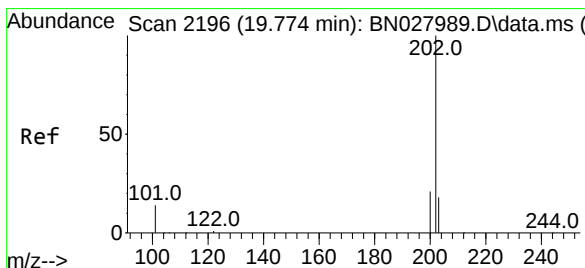
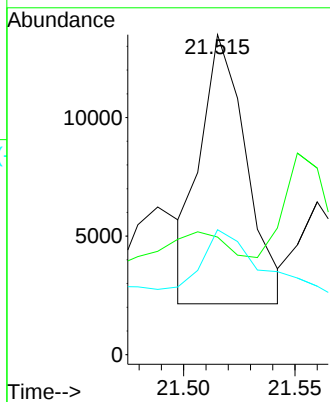
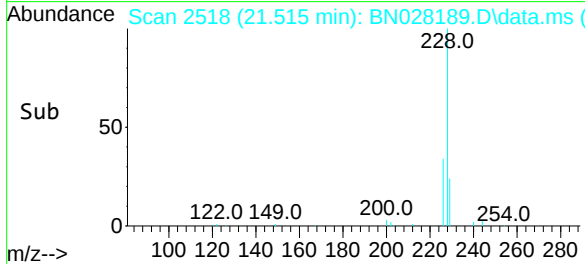
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



Tgt Ion:240 Resp: 16204
Ion Ratio Lower Upper
240 100
120 36.7 13.8 20.6
236 39.1 22.6 33.8

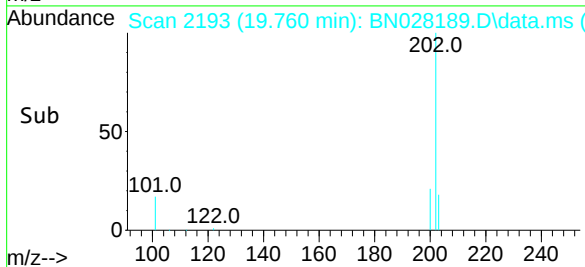
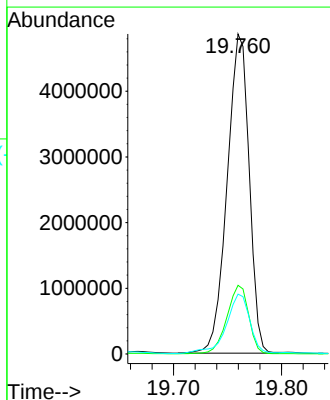
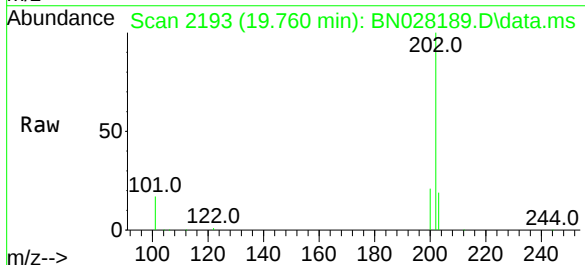
Manual Integrations
APPROVED

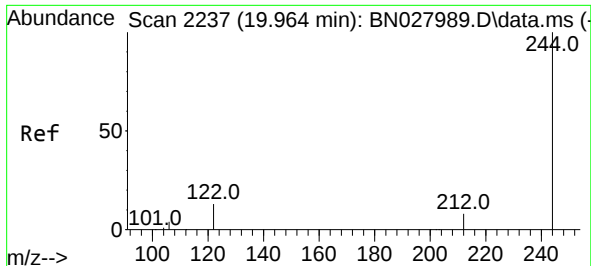
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#30
Pyrene
Concen: 116.067 ng
RT: 19.760 min Scan# 2193
Delta R.T. 0.009 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

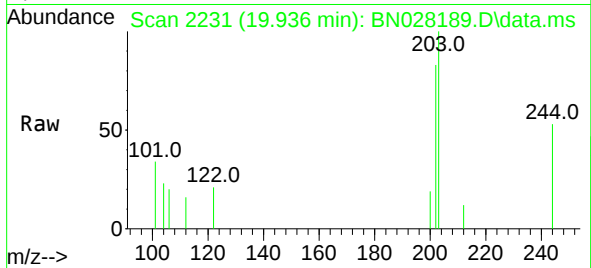
Tgt Ion:202 Resp: 6896562
Ion Ratio Lower Upper
202 100
200 21.3 16.5 24.7
203 20.0 14.7 22.1





#31
 Terphenyl-d14
 Concen: 0.359 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN028189.D
 Acq: 10 Oct 2023 09:14

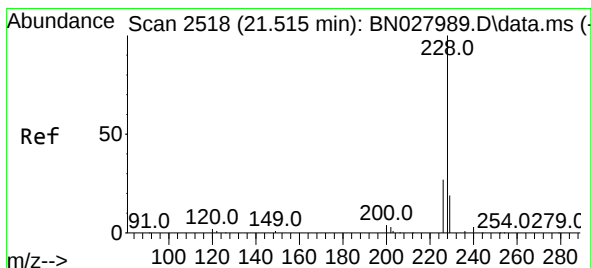
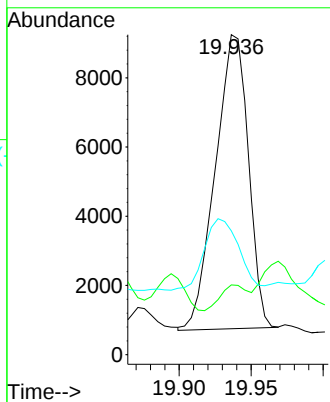
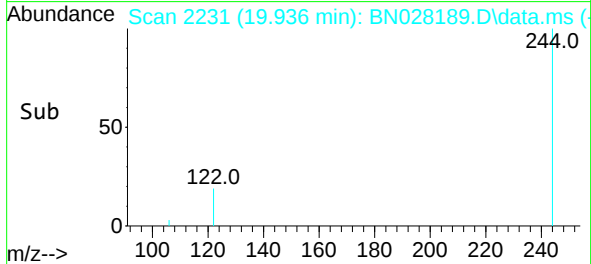
Instrument :
 BNA_N
 ClientSampleId :
 I-1(0-5)MSD



Tgt Ion:244 Resp: 13574
 Ion Ratio Lower Upper
 244 100
 212 21.8 6.6 9.8
 122 38.7 11.4 17.0

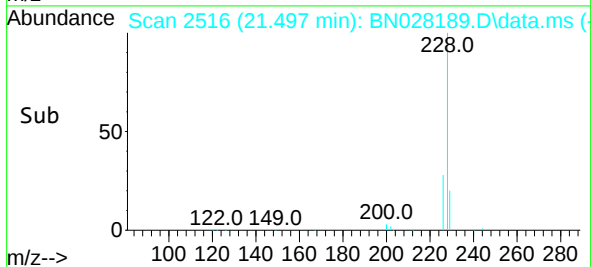
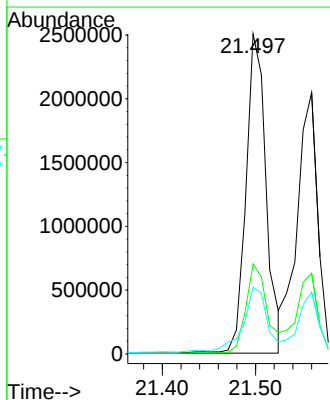
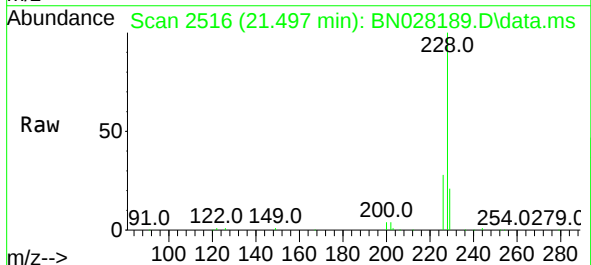
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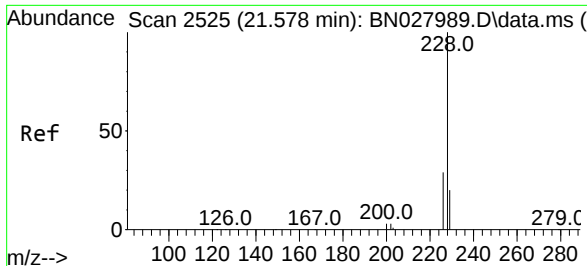
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023



#32
 Benzo(a)anthracene
 Concen: 68.191 ng
 RT: 21.497 min Scan# 2516
 Delta R.T. -0.000 min
 Lab File: BN028189.D
 Acq: 10 Oct 2023 09:14

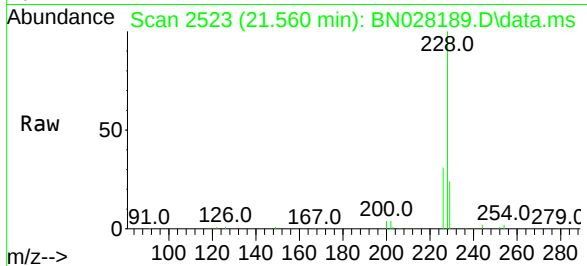
Tgt Ion:228 Resp: 3759983
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.0 33.0
 229 20.9 16.0 24.0





#33
Chrysene
Concen: 59.139 ng
RT: 21.560 min Scan# 2150
Delta R.T. 0.009 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

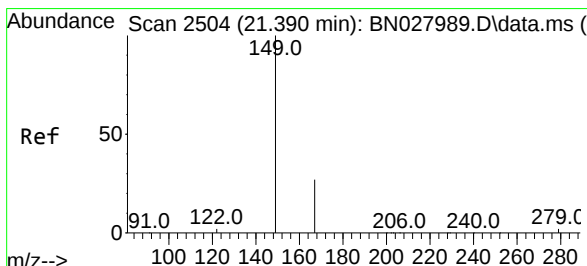
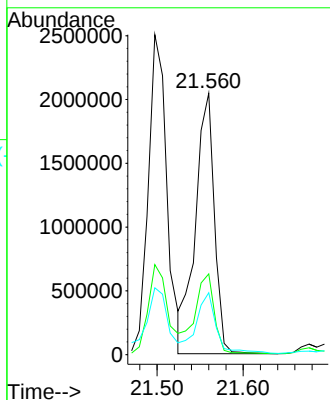
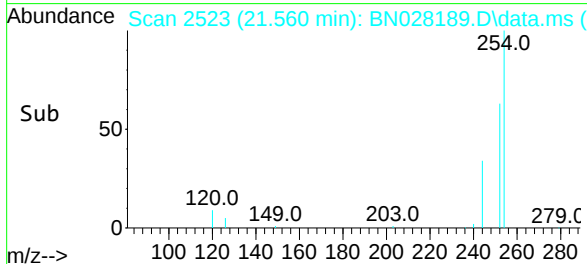
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



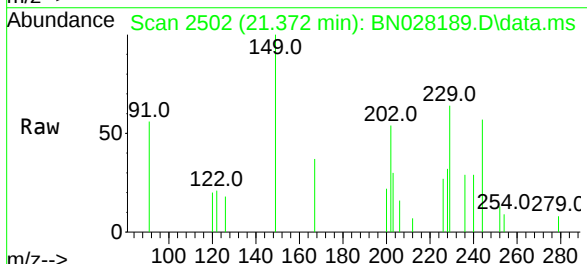
Tgt Ion:228 Resp: 3142530
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 23.7 16.6 25.0

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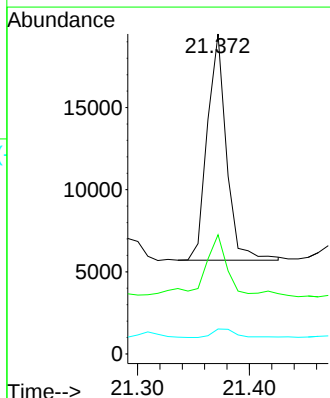
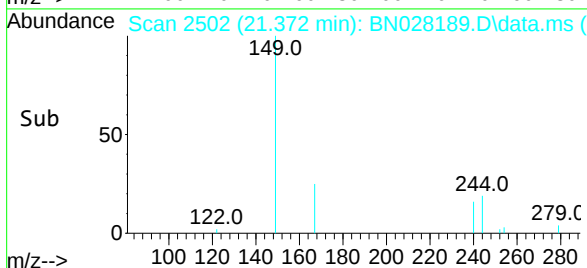
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

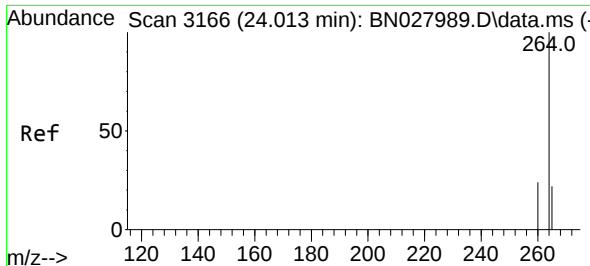


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.451 ng
RT: 21.372 min Scan# 2502
Delta R.T. 0.009 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14



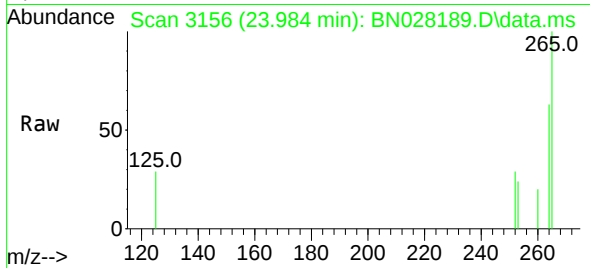
Tgt Ion:149 Resp: 16353
Ion Ratio Lower Upper
149 100
167 30.2 22.1 33.1
279 4.8 3.4 5.0





#35
 Perylene-d12
 Concen: 0.400 ng m
 RT: 23.984 min Scan# 3166
 Delta R.T. 0.009 min
 Lab File: BN028189.D
 Acq: 10 Oct 2023 09:14

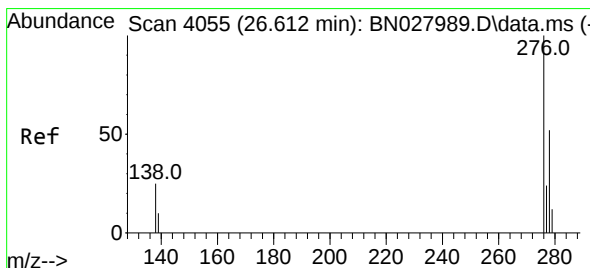
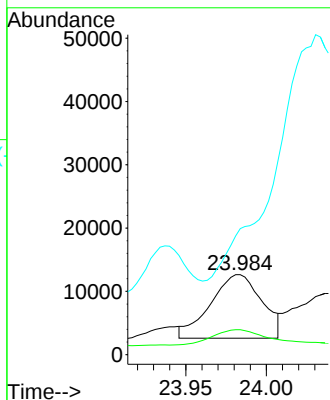
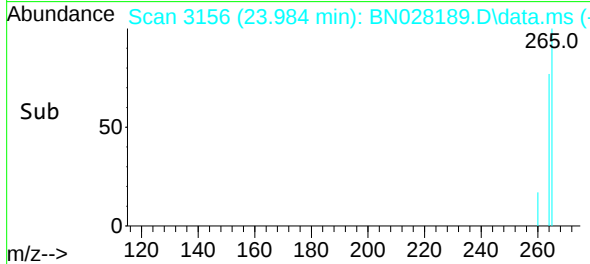
Instrument :
 BNA_N
 ClientSampleId :
 I-1(0-5)MSD



Tgt Ion:264 Resp: 22317
 Ion Ratio Lower Upper
 264 100
 260 31.3 20.2 30.4
 265 157.5 54.8 82.2

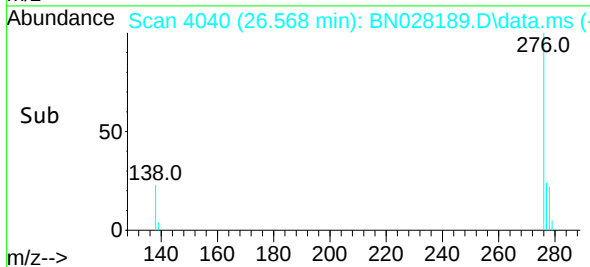
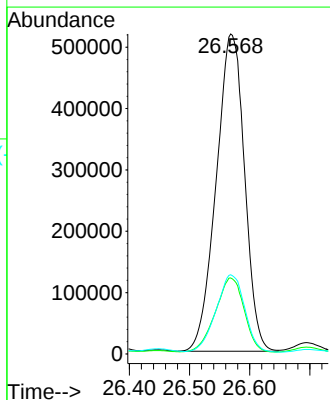
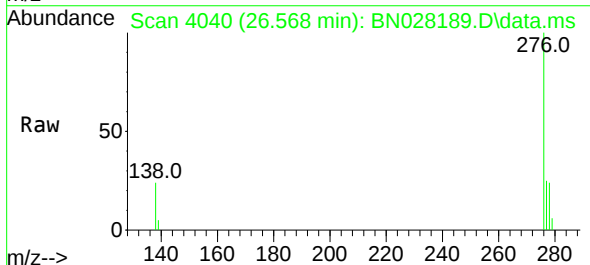
Manual Integrations
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Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 22.500 ng
 RT: 26.568 min Scan# 4040
 Delta R.T. 0.011 min
 Lab File: BN028189.D
 Acq: 10 Oct 2023 09:14

Tgt Ion:276 Resp: 1689004
 Ion Ratio Lower Upper
 276 100
 138 23.7 20.9 31.3
 277 24.6 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 46.401 ng

RT: 23.224 min Scan# 2910

Delta R.T. 0.011 min

Lab File: BN028189.D

Acq: 10 Oct 2023 09:14

Instrument :

BNA_N

ClientSampleId :

1-1(0-5)MSD

Tgt Ion:252 Resp: 3344429

Ion Ratio Lower Upper

252 100

253 22.6 22.9 34.3

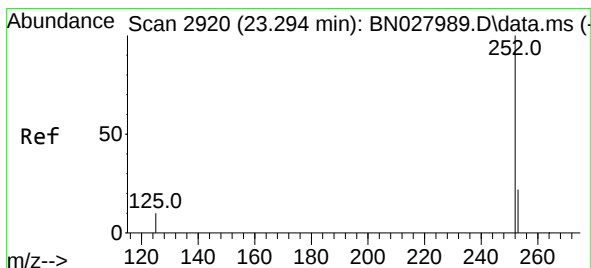
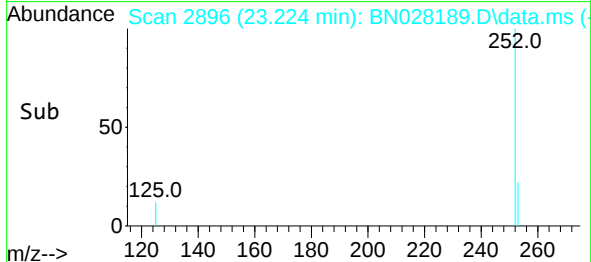
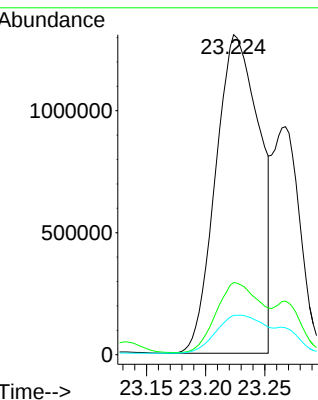
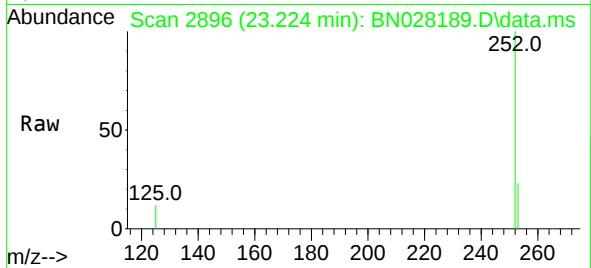
125 12.3 13.8 20.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#38

Benzo(k)fluoranthene

Concen: 20.803 ng m

RT: 23.267 min Scan# 2911

Delta R.T. 0.006 min

Lab File: BN028189.D

Acq: 10 Oct 2023 09:14

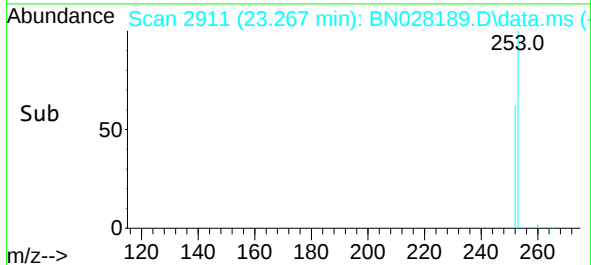
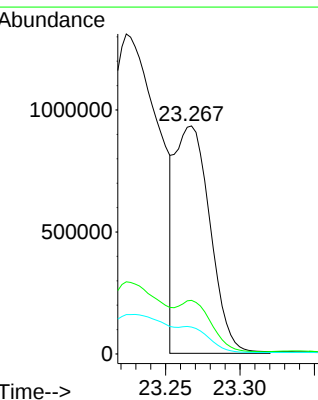
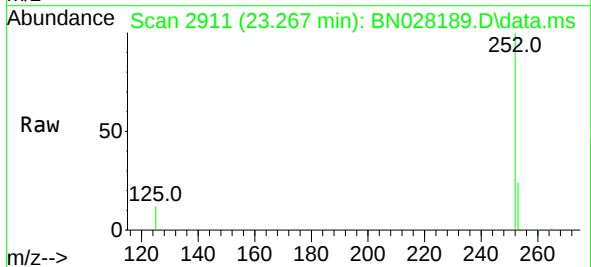
Tgt Ion:252 Resp: 1520839

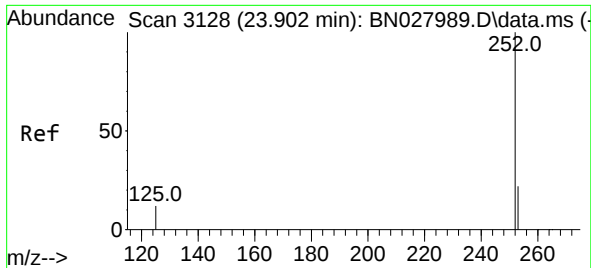
Ion Ratio Lower Upper

252 100

253 23.5 23.1 34.7

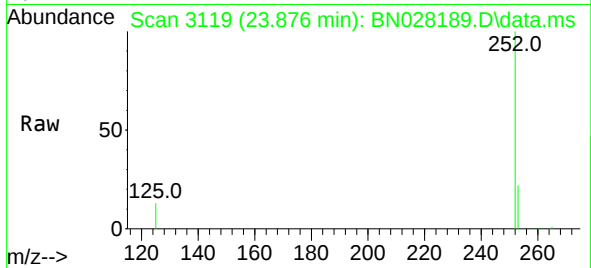
125 11.8 13.8 20.8





#39
Benzo(a)pyrene
Concen: 41.595 ng
RT: 23.876 min Scan# 3128
Delta R.T. 0.011 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

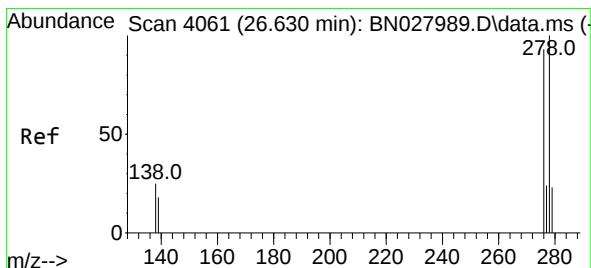
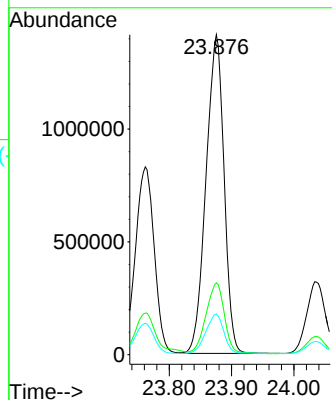
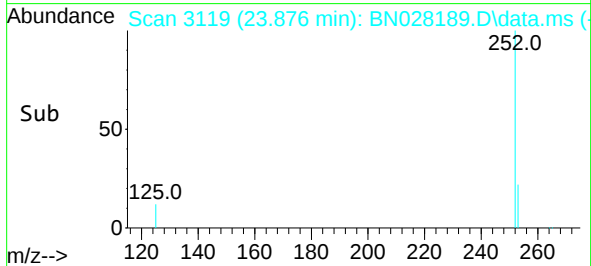
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD



Tgt Ion:252 Resp: 283481
Ion Ratio Lower Upper
252 100
253 22.5 25.0 37.4
125 12.7 16.6 24.8

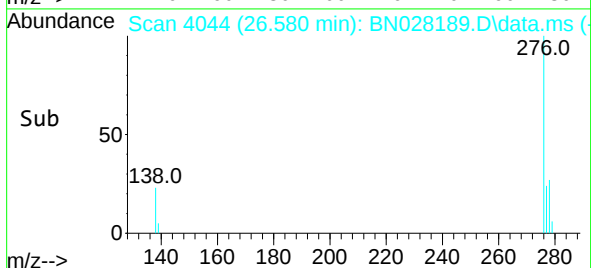
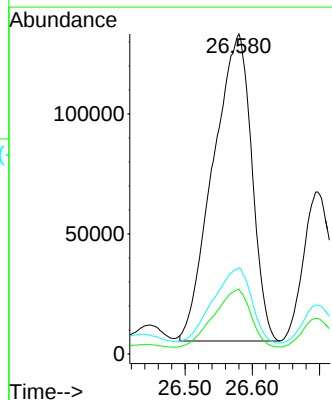
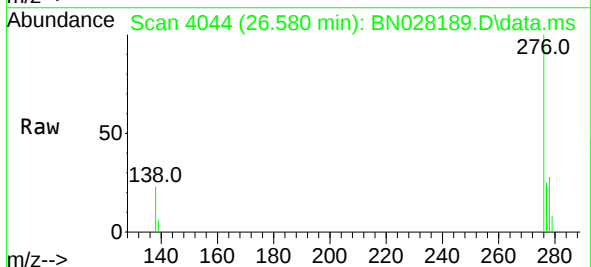
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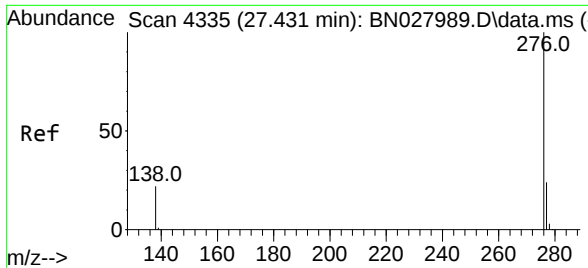
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#40
Dibenzo(a,h)anthracene
Concen: 8.303 ng
RT: 26.580 min Scan# 4044
Delta R.T. 0.003 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

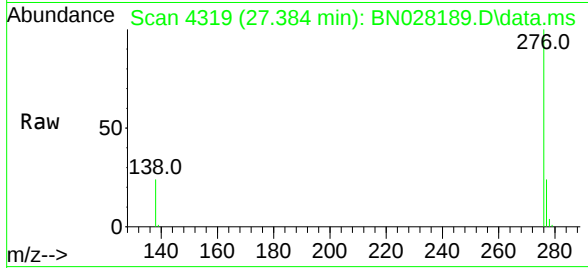
Tgt Ion:278 Resp: 509888
Ion Ratio Lower Upper
278 100
139 20.2 17.7 26.5
279 27.0 25.2 37.8





#41
Benzo(g,h,i)perylene
Concen: 24.948 ng
RT: 27.384 min Scan# 41
Delta R.T. 0.017 min
Lab File: BN028189.D
Acq: 10 Oct 2023 09:14

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



Tgt Ion:276 Resp: 1572550
Ion Ratio Lower Upper
276 100
277 24.1 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 10/11/2023

