

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028208.D
 Acq On : 10 Oct 2023 21:41
 Operator : MA/JU
 Sample : 04693-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-3(0-5)MSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 02:34:46 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4027	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12277	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7243	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	13067	0.400	ng	0.00
29) Chrysene-d12	21.515	240	16395	0.400	ng	# 0.00
35) Perylene-d12	23.981	264	17029	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3556	0.296	ng	0.00
5) Phenol-d6	7.084	99	4285	0.283	ng	0.00
8) Nitrobenzene-d5	9.112	82	3212	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	12.321	152	8512m	0.468	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	935	0.282	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	7175	0.275	ng	0.00
27) Fluoranthene-d10	19.356	212	9366	0.285	ng	0.00
31) Terphenyl-d14	19.941	244	9832	0.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	1692	0.375	ng	# 58
3) n-Nitrosodimethylamine	3.704	42	2091	0.404	ng	100
6) bis(2-Chloroethyl)ether	7.358	93	4820	0.395	ng	99
9) Naphthalene	10.789	128	203809	6.425	ng	98
10) Hexachlorobutadiene	11.002	225	2189	0.389	ng	# 98
12) 2-Methylnaphthalene	12.392	142	172724	7.784	ng	100
16) Acenaphthylene	14.288	152	465373	14.504	ng	99
17) Acenaphthene	14.630	154	57931	2.832	ng	96
18) Fluorene	15.606	166	216341	8.144	ng	# 94
20) 4,6-Dinitro-2-methylph...	16.773	198	1117	6.431	ng	# 13
21) 4-Bromophenyl-phenylether	16.500	248	2732	0.401	ng	# 83
22) Hexachlorobenzene	16.586	284	3021	0.423	ng	# 83
23) Atrazine	16.773	200	2587	0.435	ng	# 85
24) Pentachlorophenol	16.959	266	12983	3.856	ng	95
25) Phenanthrene	17.368	178	1727032	49.024	ng	99
26) Anthracene	17.455	178	523019	15.707	ng	# 92
28) Fluoranthene	19.384	202	1373117	33.774	ng	99
30) Pyrene	19.755	202	1933624	32.163	ng	98
32) Benzo(a)anthracene	21.498	228	919436	16.481	ng	97
33) Chrysene	21.551	228	786301	14.625	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	14384	0.392	ng	94
36) Indeno(1,2,3-cd)pyrene	26.574	276	413328	7.216	ng	98
37) Benzo(b)fluoranthene	23.221	252	777652	14.140	ng	# 89
38) Benzo(k)fluoranthene	23.262	252	293798m	5.267	ng	
39) Benzo(a)pyrene	23.873	252	747571m	14.375	ng	
40) Dibenzo(a,h)anthracene	26.580	278	137112	2.926	ng	98
41) Benzo(g,h,i)perylene	27.384	276	437968	9.106	ng	95

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

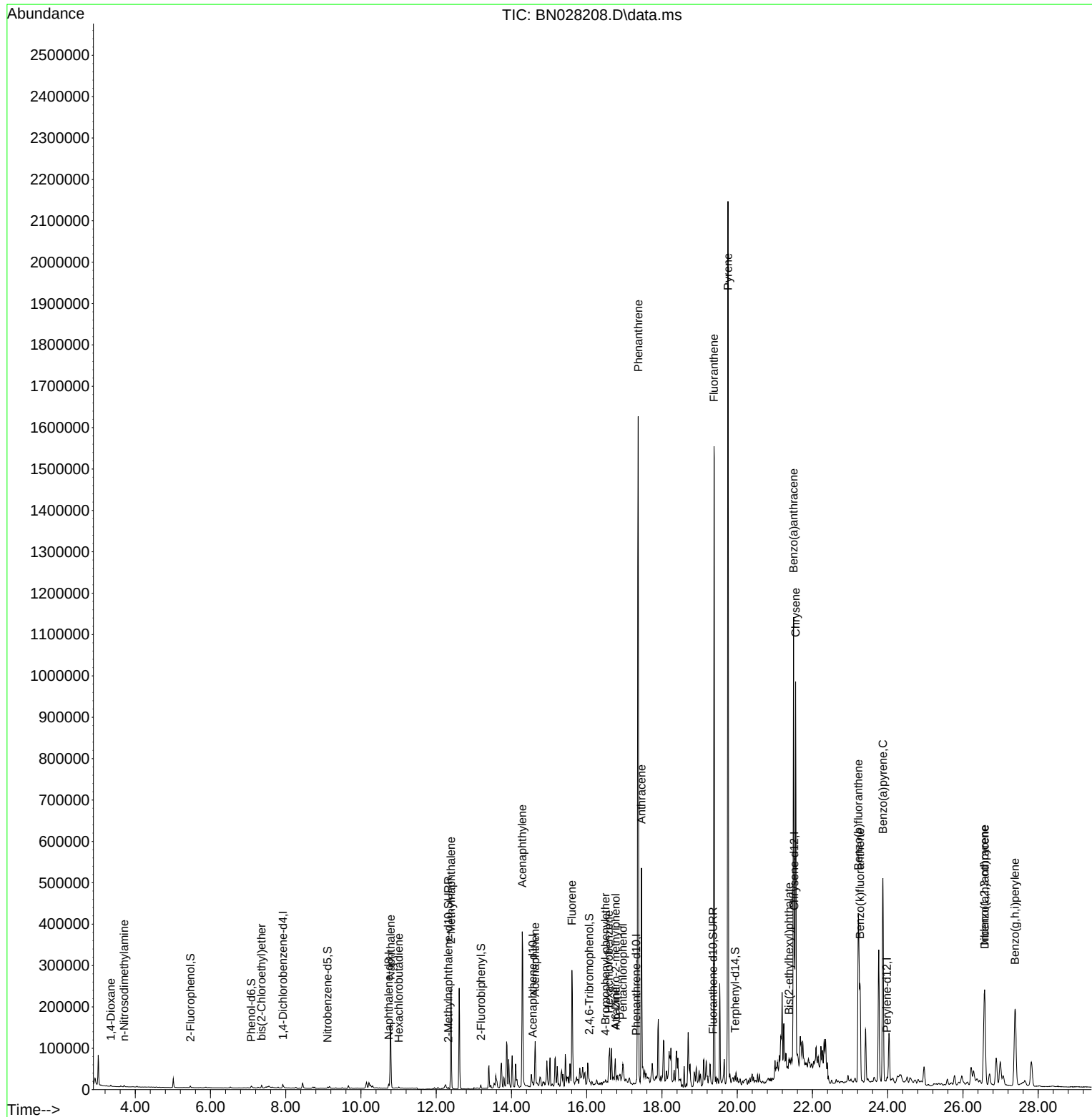
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028208.D
Acq On : 10 Oct 2023 21:41
Operator : MA/JU
Sample : 04693-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

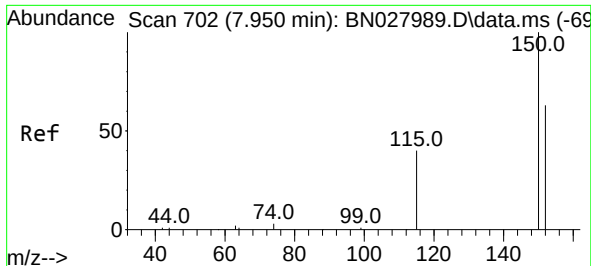
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD

Quant Time: Oct 11 02:34:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
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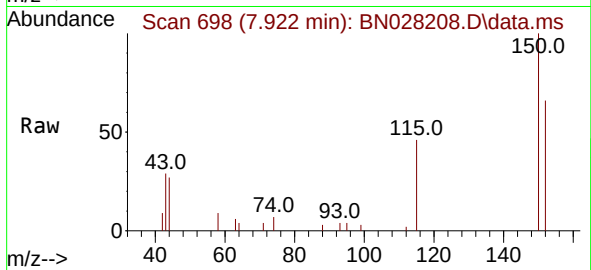
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.922 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028208.D
 Acq: 10 Oct 2023 21:41

Instrument :

BNA_N

ClientSampleId :

S-3(0-5)MSD

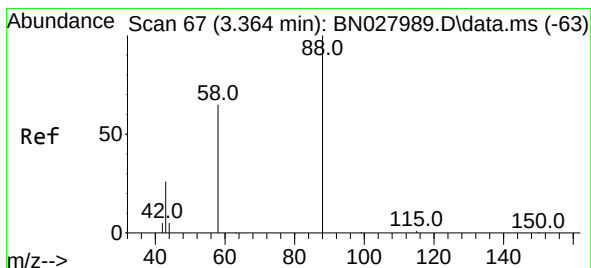
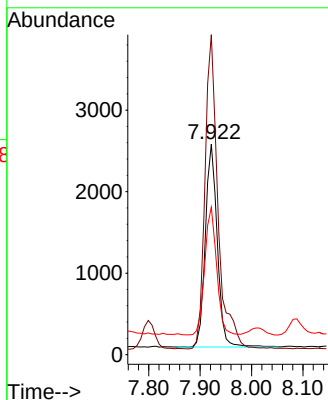
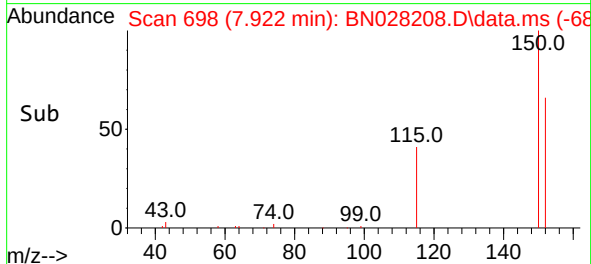


Tgt Ion: 152 Resp: 402
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.6 188.4
 115 70.0 54.8 82.2

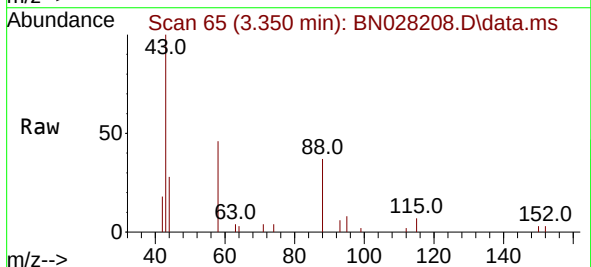
Manual Integrations

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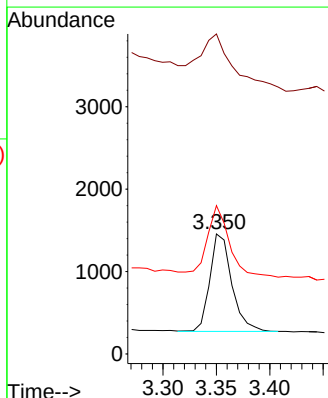
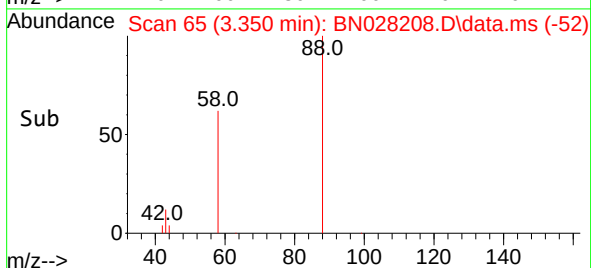
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

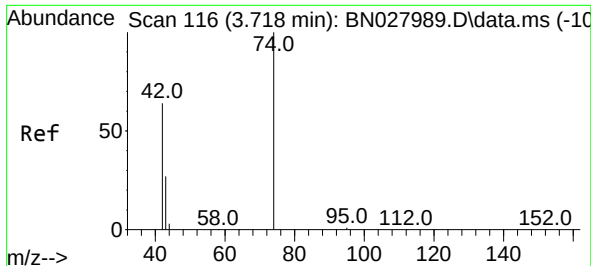


#2
 1,4-Dioxane
 Concen: 0.375 ng
 RT: 3.350 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN028208.D
 Acq: 10 Oct 2023 21:41



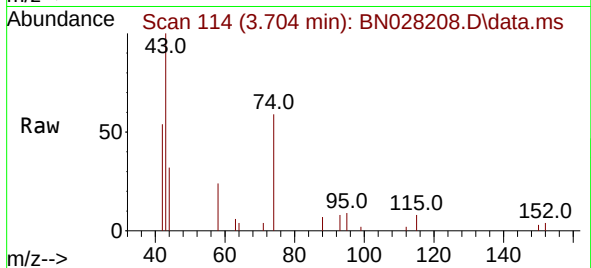
Tgt Ion: 88 Resp: 1692
 Ion Ratio Lower Upper
 88 100
 43 93.7 24.6 36.8#
 58 74.6 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.404 ng
RT: 3.704 min Scan# 116
Delta R.T. -0.007 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

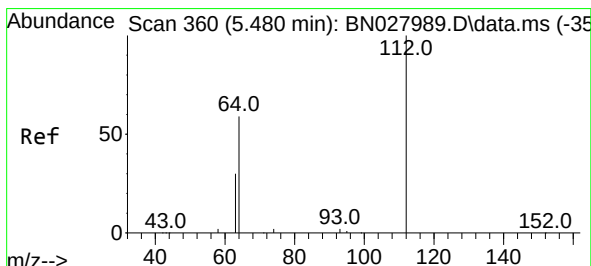
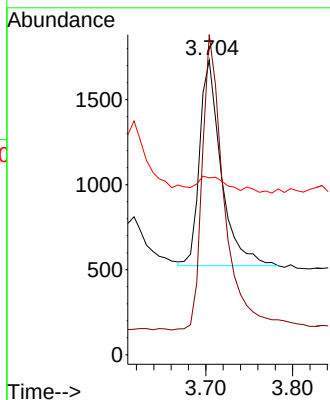
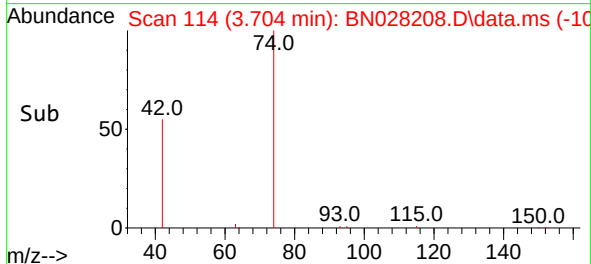
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion: 42 Resp: 209
Ion Ratio Lower Upper
42 100
74 145.1 115.9 173.9
44 11.8 8.0 12.0

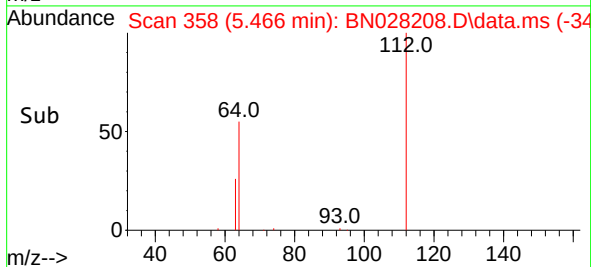
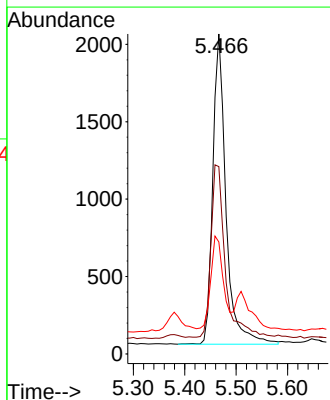
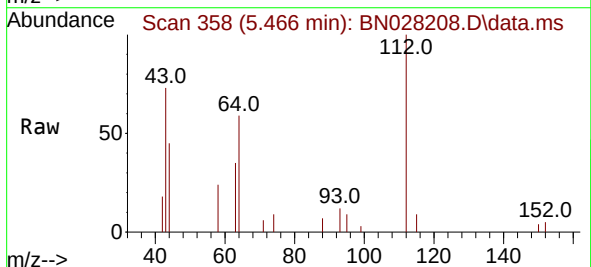
Manual Integrations
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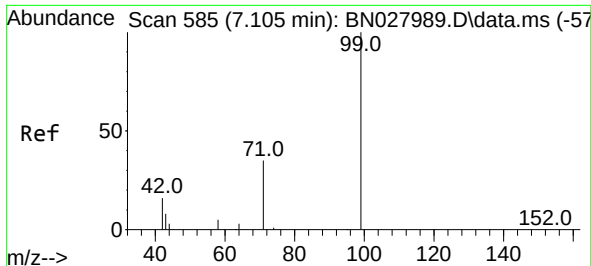
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#4
2-Fluorophenol
Concen: 0.296 ng
RT: 5.466 min Scan# 358
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

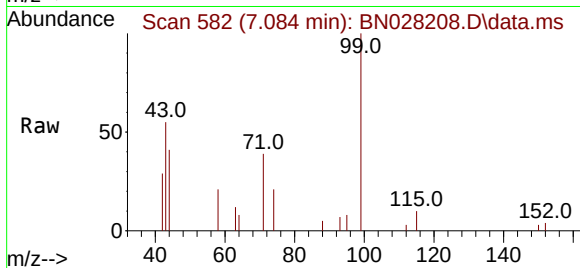
Tgt Ion:112 Resp: 3556
Ion Ratio Lower Upper
112 100
64 59.9 45.0 67.6
63 28.0 23.4 35.0





#5
Phenol-d6
Concen: 0.283 ng
RT: 7.084 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

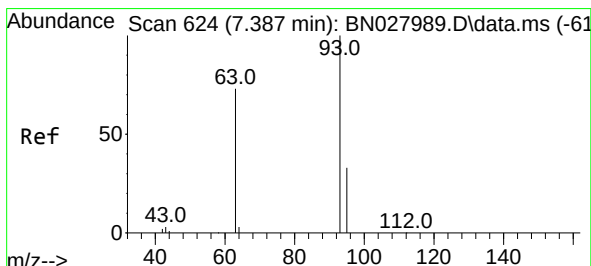
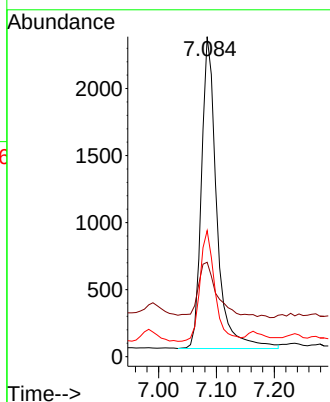
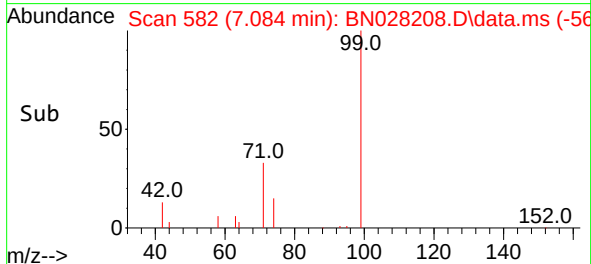
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion: 99 Resp: 4285
Ion Ratio Lower Upper
99 100
42 22.4 14.6 22.0
71 34.7 28.3 42.5

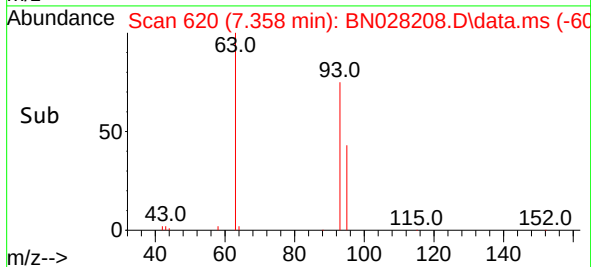
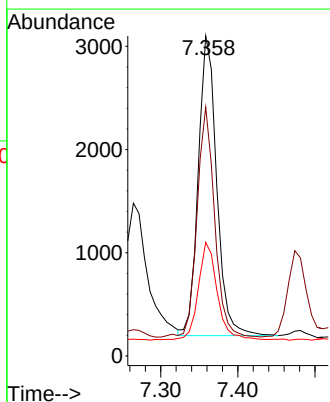
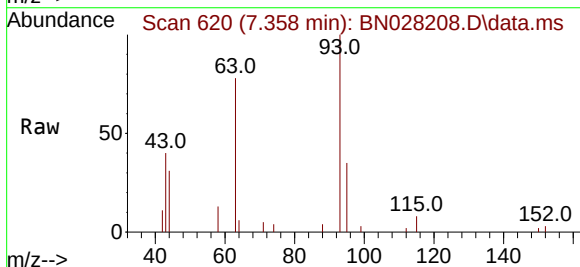
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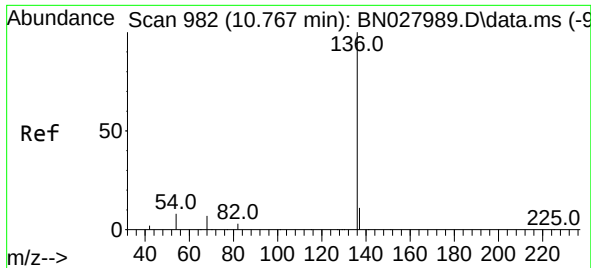
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.358 min Scan# 620
Delta R.T. -0.007 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

Tgt Ion: 93 Resp: 4820
Ion Ratio Lower Upper
93 100
63 73.0 58.8 88.2
95 33.8 26.6 39.8





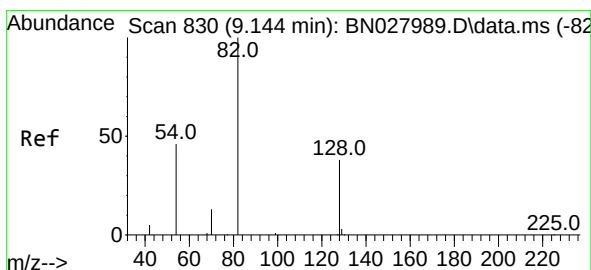
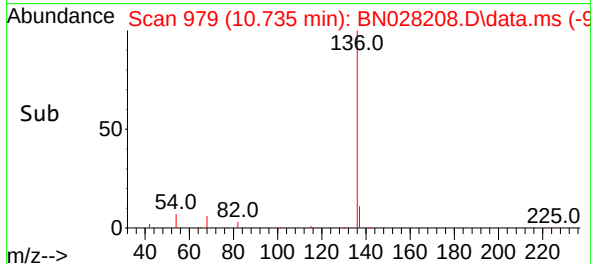
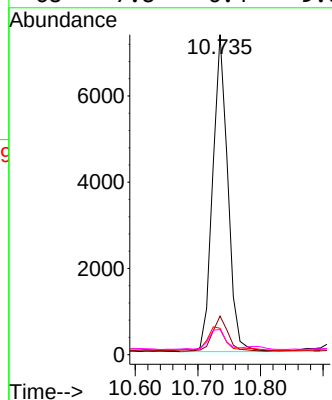
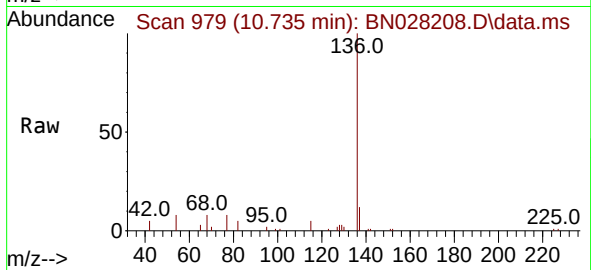
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD

Tgt Ion:	136	Resp:	1227
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.4	14.0
54	8.2	7.0	10.6
68	7.8	6.4	9.6

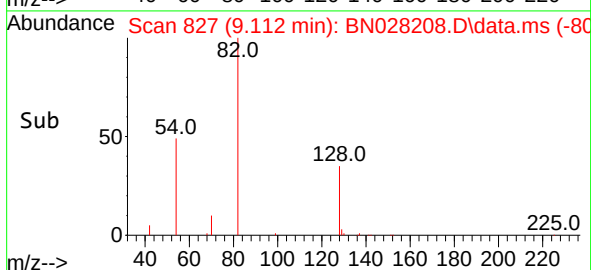
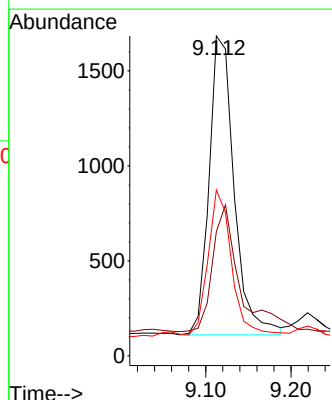
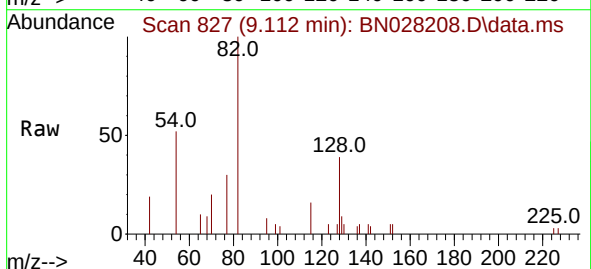
Manual Integrations
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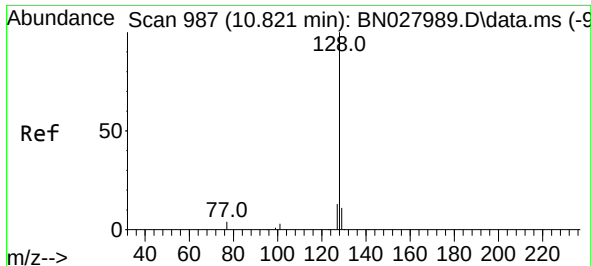
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 9.112 min Scan# 827
Delta R.T. -0.011 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

Tgt Ion:	82	Resp:	3212
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.7	49.1
54	51.8	38.7	58.1





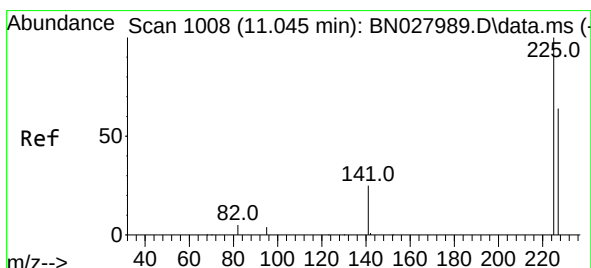
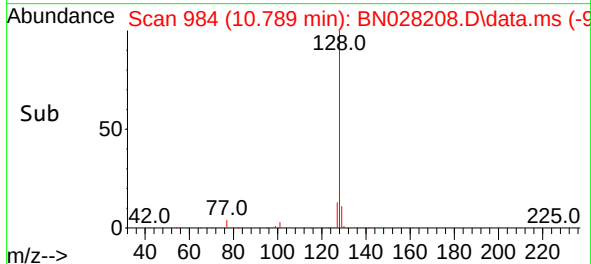
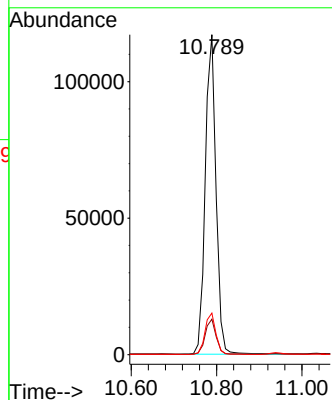
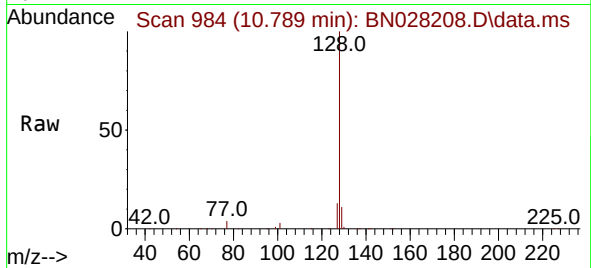
#9
Naphthalene
Concen: 6.425 ng
RT: 10.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD

Tgt Ion:128 Resp: 203809
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.0 10.9 16.3

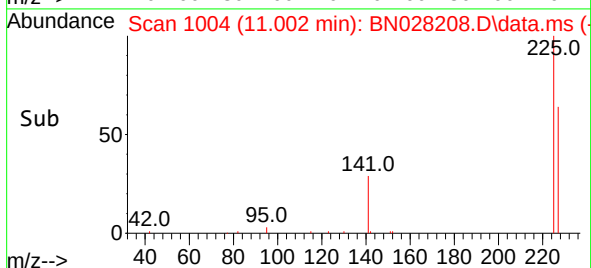
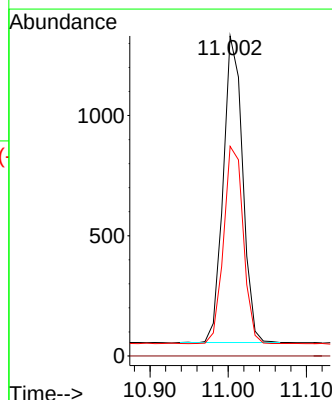
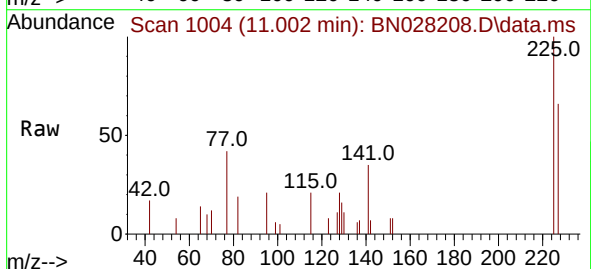
Manual Integrations
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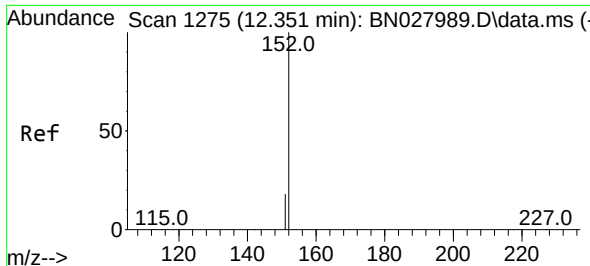
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 11.002 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

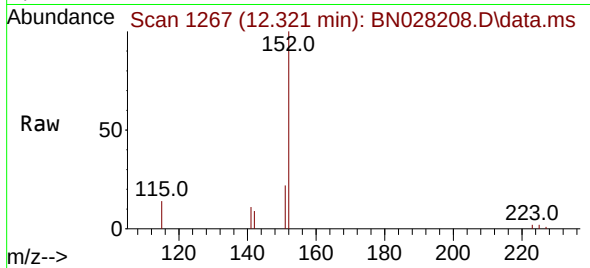
Tgt Ion:225 Resp: 2189
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.5 51.3 76.9





#11
2-Methylnaphthalene-d10
Concen: 0.468 ng m
RT: 12.321 min Scan# 1267
Delta R.T. -0.004 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

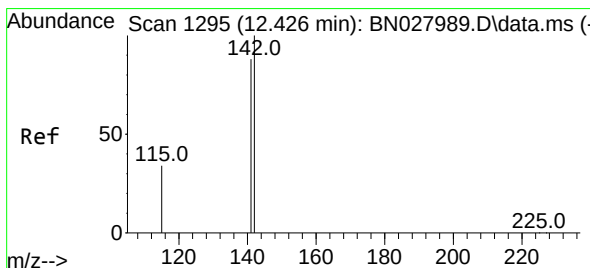
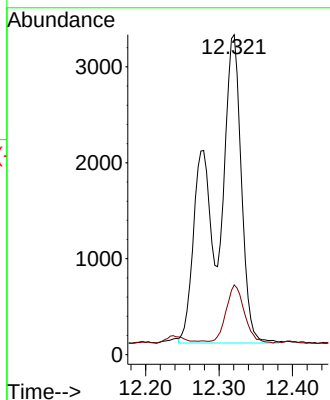
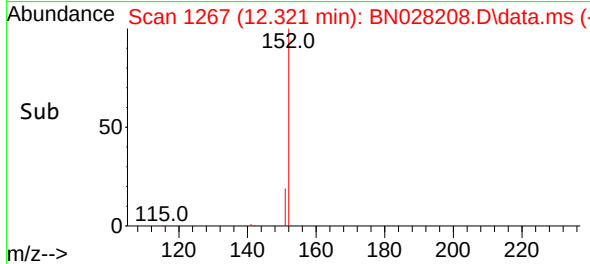
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion:152 Resp: 851
Ion Ratio Lower Upper
152 100
151 12.7 16.5 24.7

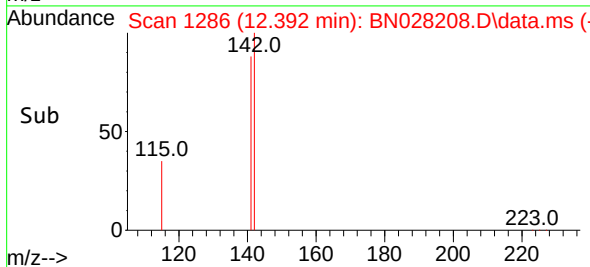
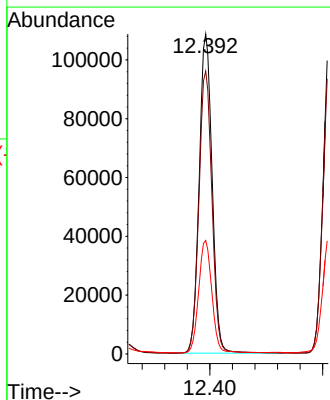
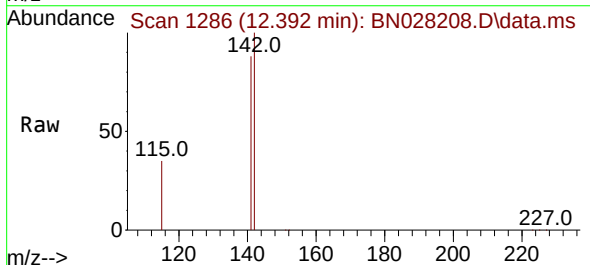
Manual Integrations
APPROVED

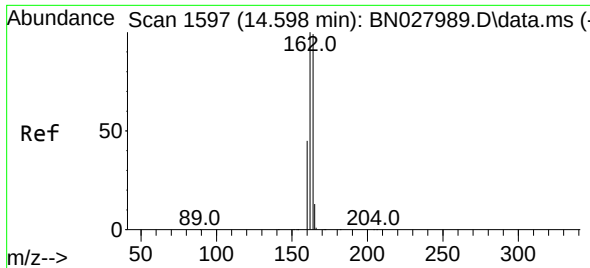
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#12
2-Methylnaphthalene
Concen: 7.784 ng
RT: 12.392 min Scan# 1286
Delta R.T. -0.008 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

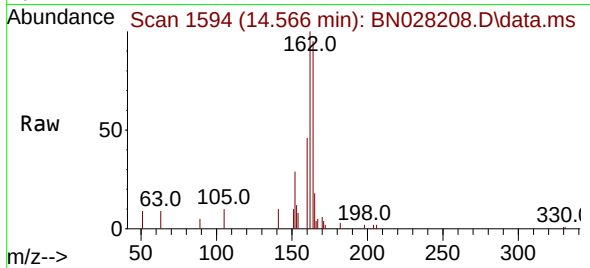
Tgt Ion:142 Resp: 172724
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1
115 35.5 28.6 42.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

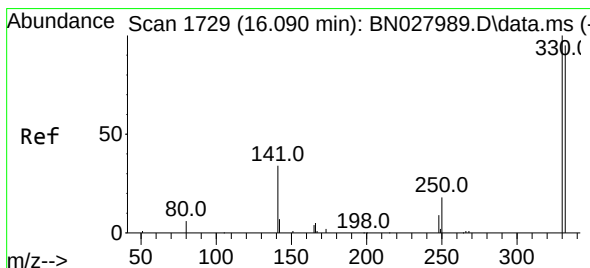
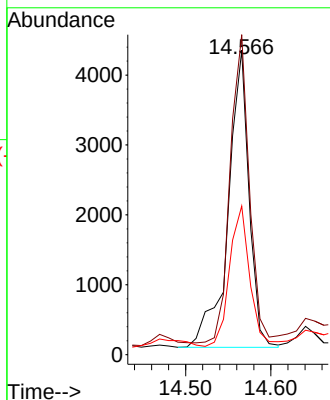
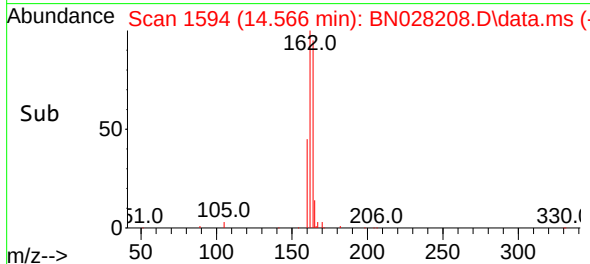
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion:164 Resp: 724
Ion Ratio Lower Upper
164 100
162 105.2 80.8 121.2
160 48.9 36.4 54.6

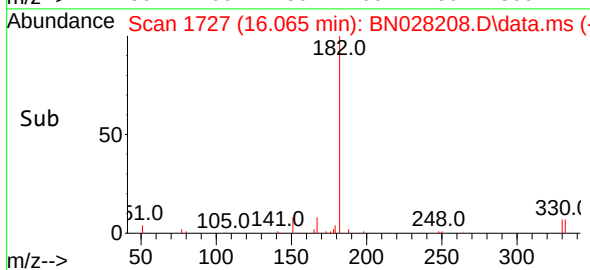
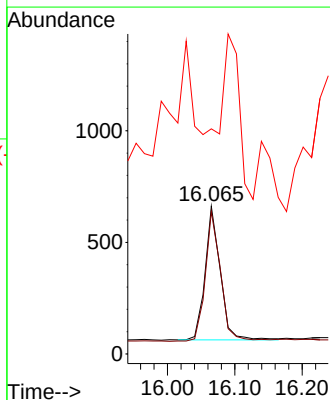
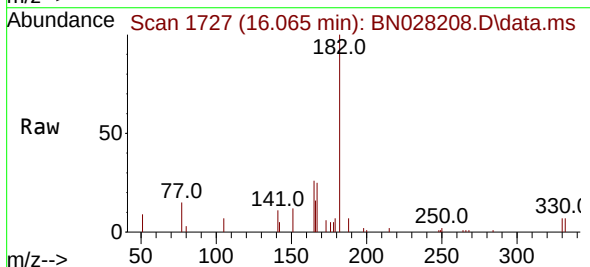
Manual Integrations
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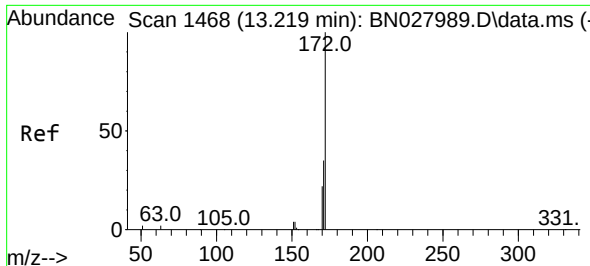
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 16.065 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

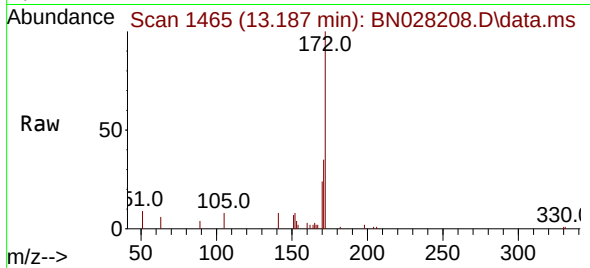
Tgt Ion:330 Resp: 935
Ion Ratio Lower Upper
330 100
332 98.4 78.1 117.1
141 0.0 33.4 50.2#





#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 13.187 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

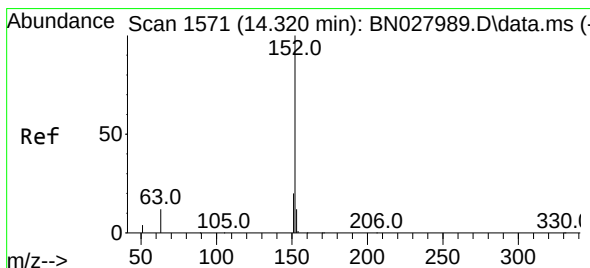
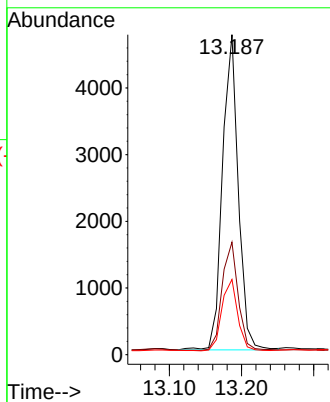
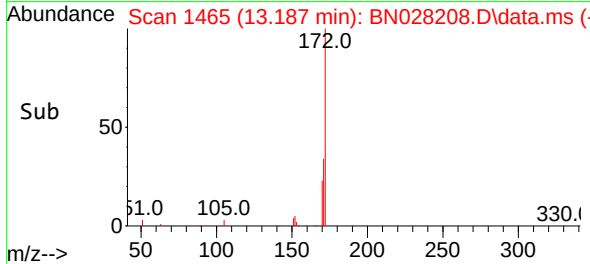
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion:172 Resp: 7175
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 18.4 27.6

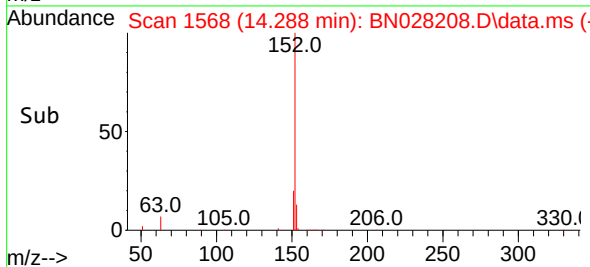
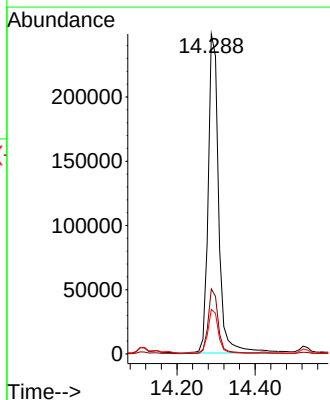
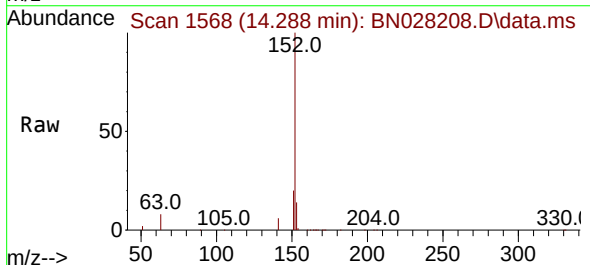
Manual Integrations
APPROVED

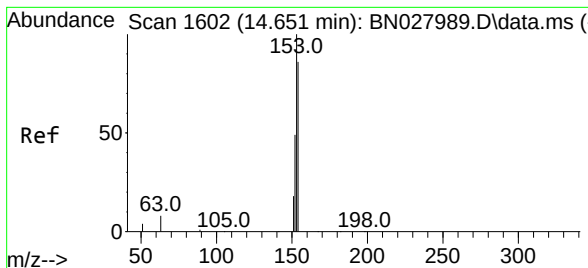
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#16
Acenaphthylene
Concen: 14.504 ng
RT: 14.288 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

Tgt Ion:152 Resp: 465373
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.9 10.2 15.4





#17

Acenaphthene

Concen: 2.832 ng

RT: 14.630 min Scan# 1600

Delta R.T. 0.000 min

Lab File: BN028208.D

Acq: 10 Oct 2023 21:41

Instrument :

BNA_N

ClientSampleId :

S-3(0-5)MSD

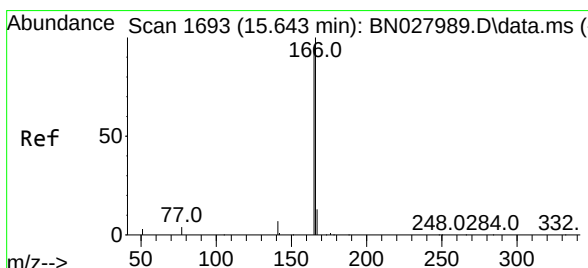
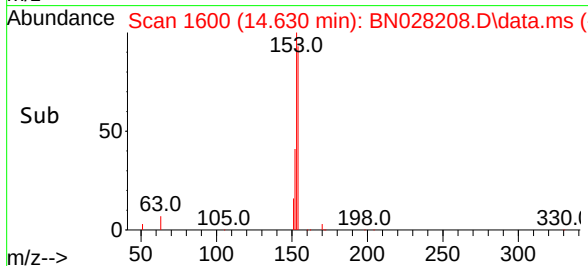
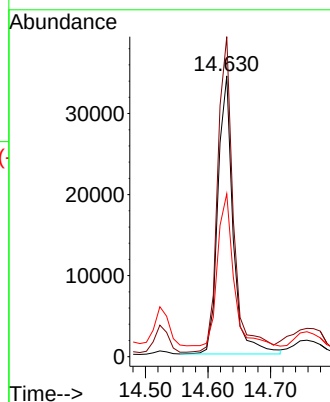
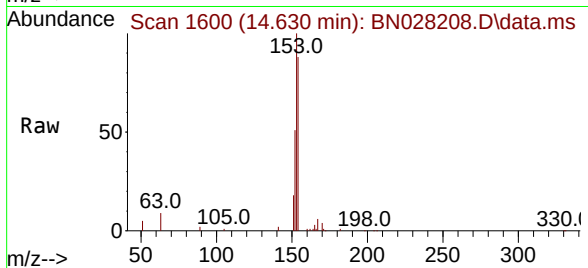
Tgt Ion:154	Resp:	5793
Ion Ratio	Lower	Upper
154	100	
153	117.6	90.8 136.2
152	57.6	43.9 65.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#18

Fluorene

Concen: 8.144 ng

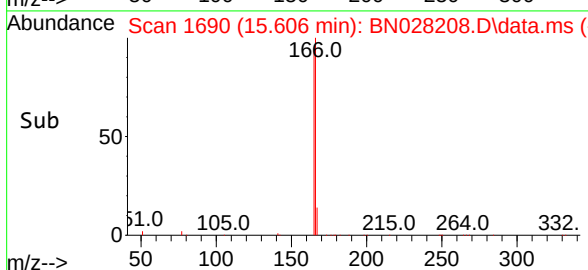
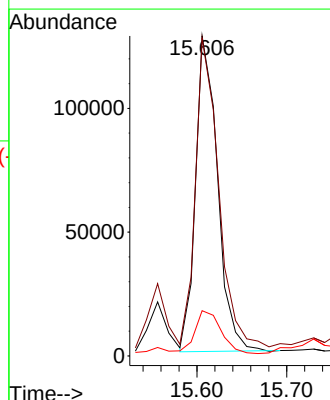
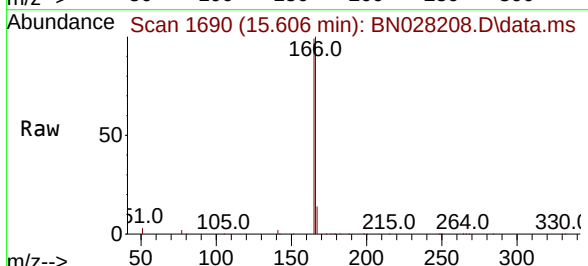
RT: 15.606 min Scan# 1690

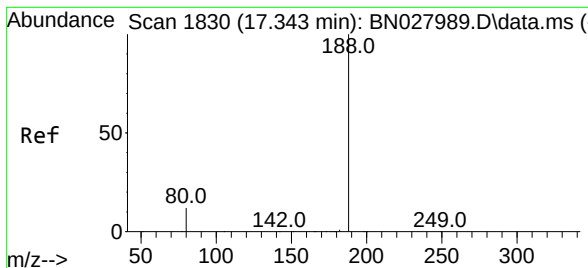
Delta R.T. -0.012 min

Lab File: BN028208.D

Acq: 10 Oct 2023 21:41

Tgt Ion:166	Resp:	216341
Ion Ratio	Lower	Upper
166	100	
165	102.2	77.8 116.8
167	17.5	10.7 16.1





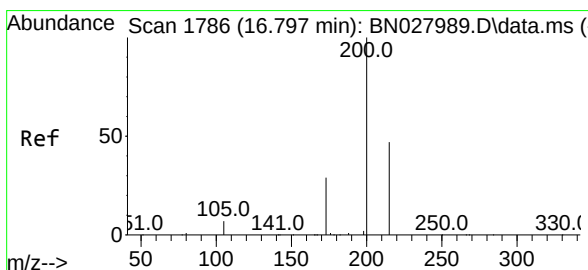
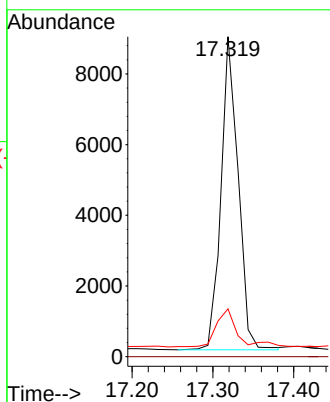
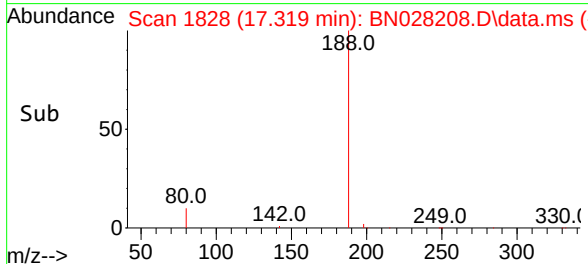
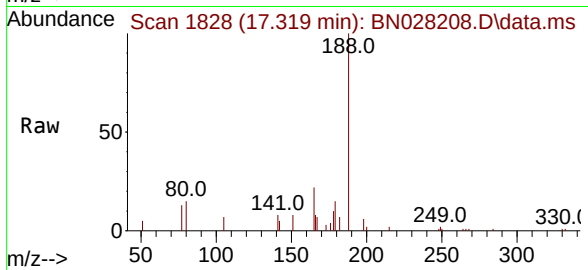
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD

Tgt Ion:188 Resp: 1306
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 10.2 15.4

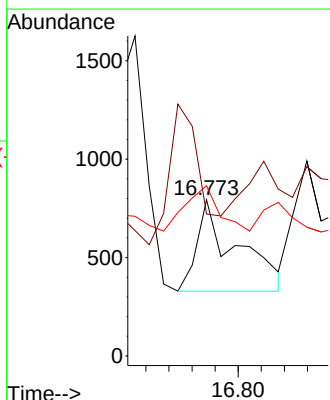
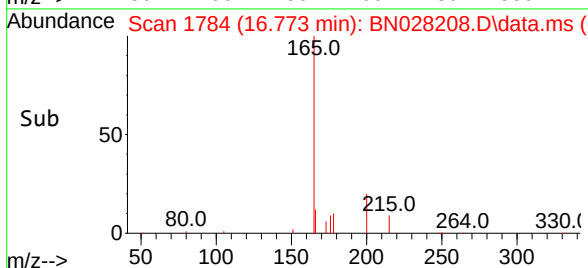
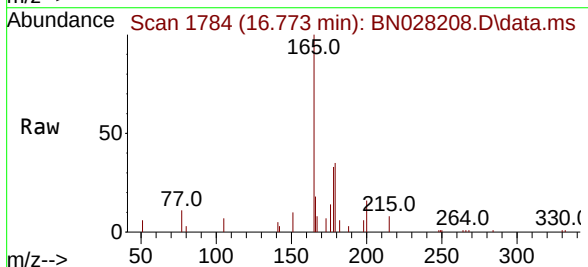
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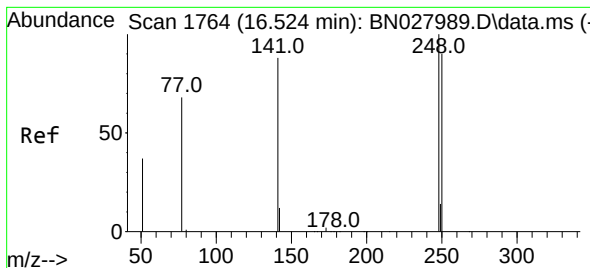
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 6.431 ng
RT: 16.773 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

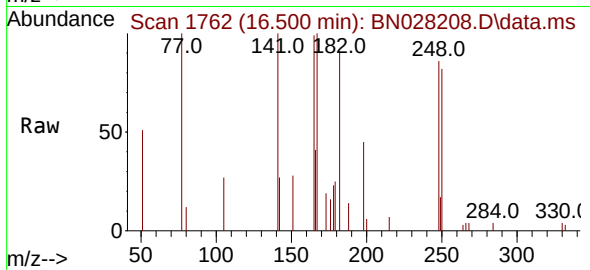
Tgt Ion:198 Resp: 1117
Ion Ratio Lower Upper
198 100
51 90.9 180.7 271.1#
105 109.1 222.2 333.2#





#21
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.500 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

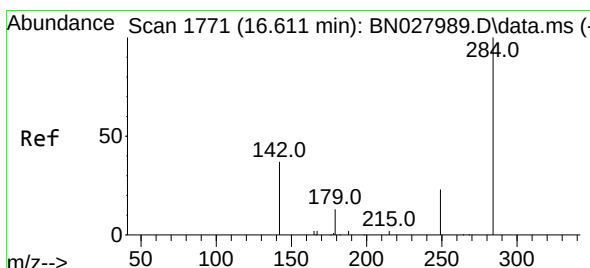
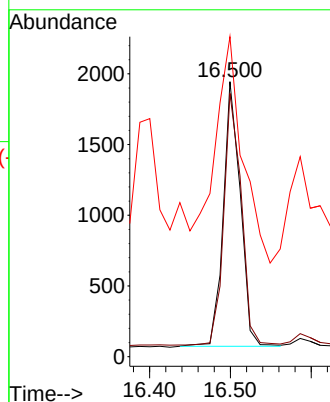
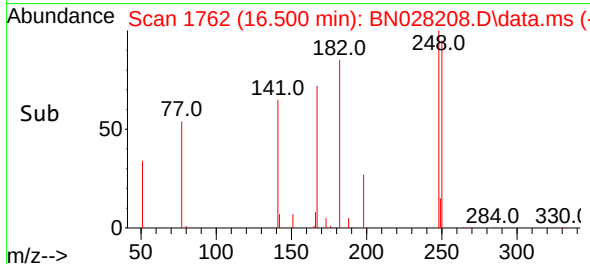
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion:248 Resp: 2732
Ion Ratio Lower Upper
248 100
250 95.8 72.3 108.5
141 116.3 71.8 107.6

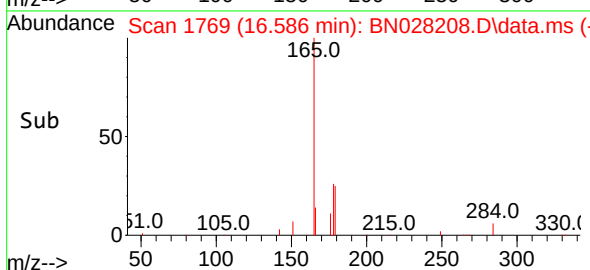
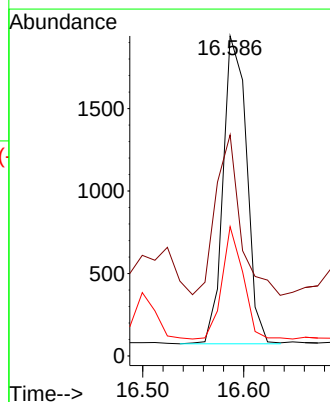
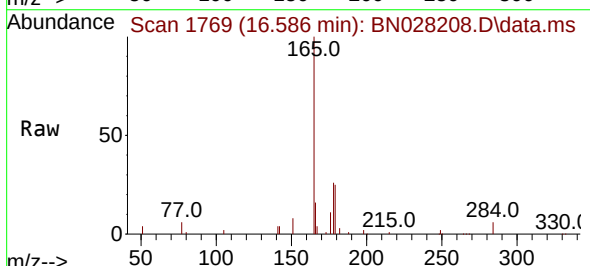
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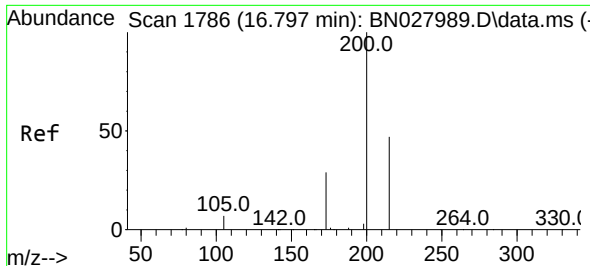
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#22
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.586 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

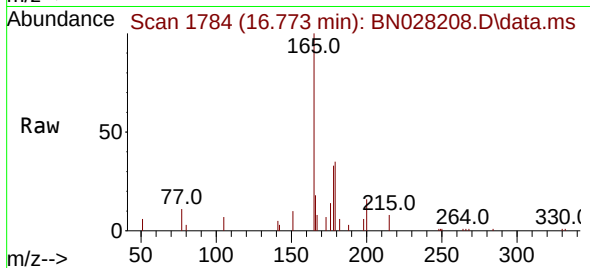
Tgt Ion:284 Resp: 3021
Ion Ratio Lower Upper
284 100
142 54.6 29.9 44.9#
249 32.5 25.0 37.4





#23
Atrazine
Concen: 0.435 ng
RT: 16.773 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

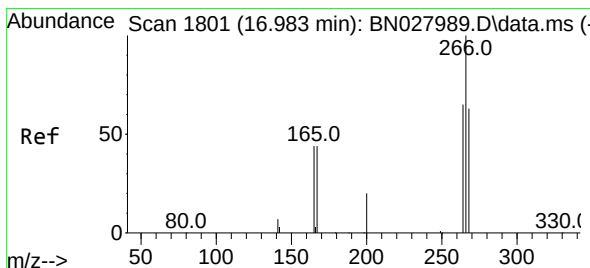
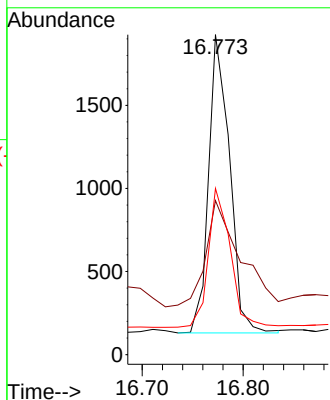
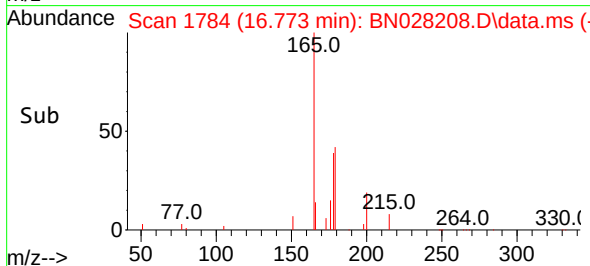
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion:200 Resp: 258
Ion Ratio Lower Upper
200 100
173 48.2 24.7 37.1
215 51.9 39.0 58.6

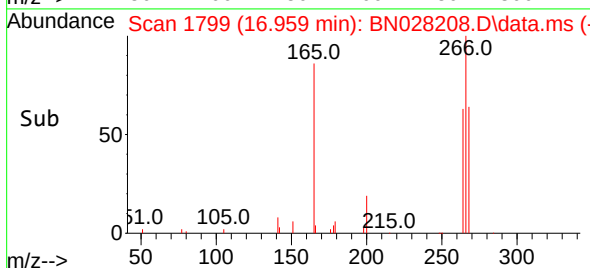
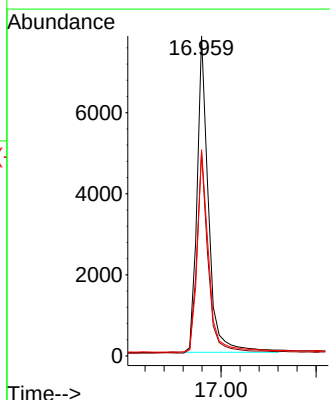
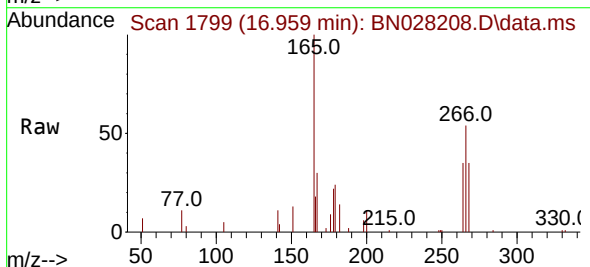
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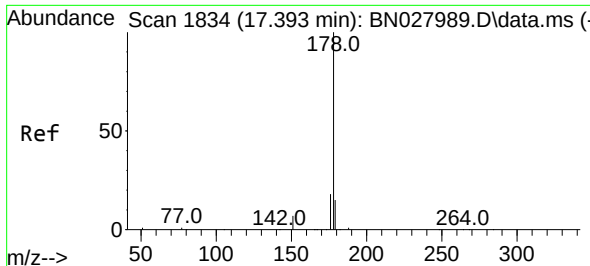
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#24
Pentachlorophenol
Concen: 3.856 ng
RT: 16.959 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

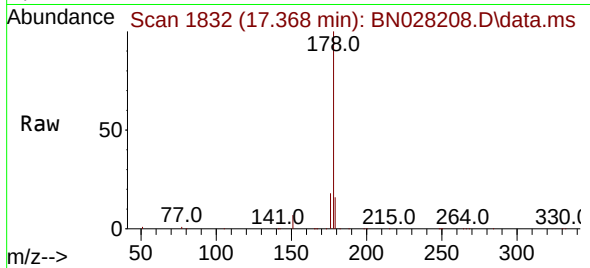
Tgt Ion:266 Resp: 12983
Ion Ratio Lower Upper
266 100
264 63.4 52.7 79.1
268 64.7 56.2 84.2





#25
Phenanthrene
Concen: 49.024 ng
RT: 17.368 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

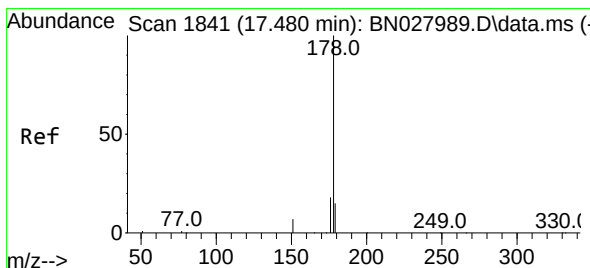
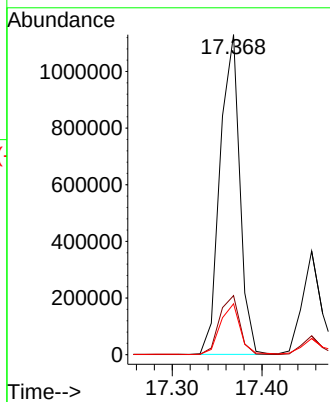
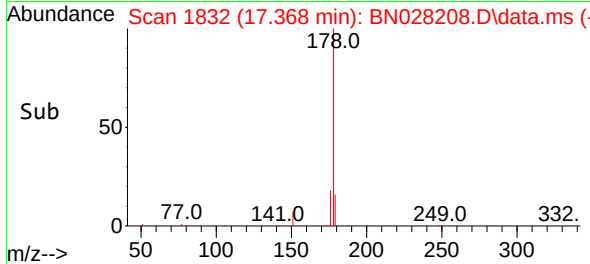
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



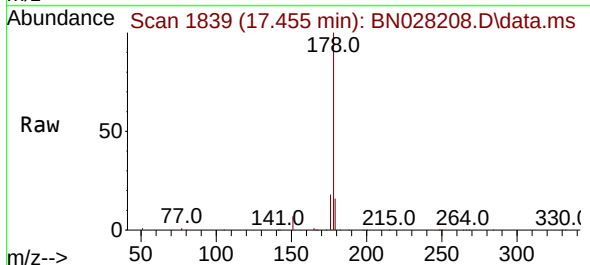
Tgt Ion:178 Resp: 172703
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.9 12.4 18.6

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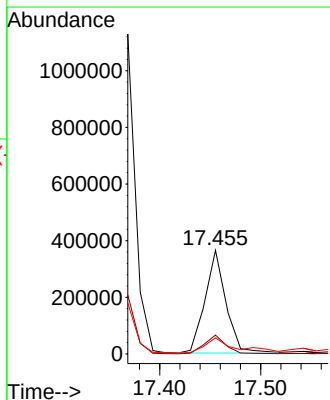
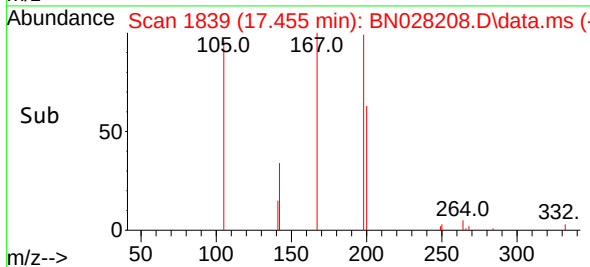
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

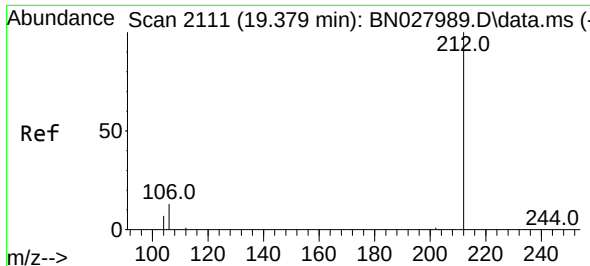


#26
Anthracene
Concen: 15.707 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41



Tgt Ion:178 Resp: 523019
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 22.3 12.2 18.2#





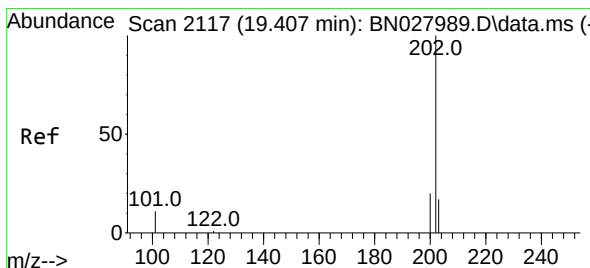
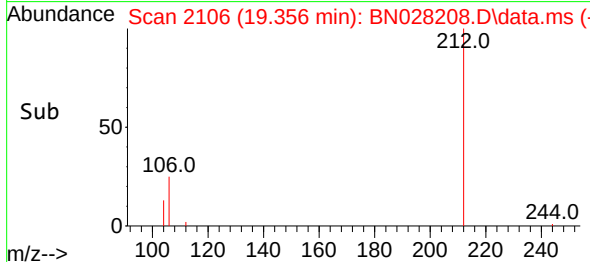
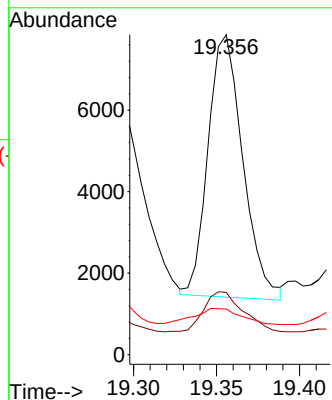
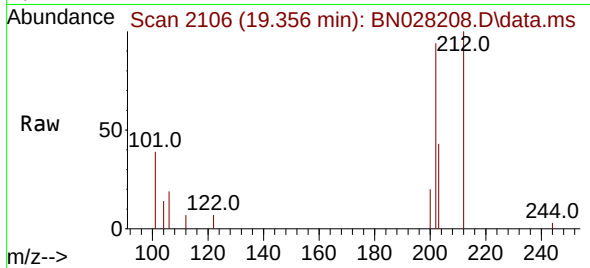
#27
Fluoranthene-d10
Concen: 0.285 ng
RT: 19.356 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD

Tgt Ion:212 Resp: 9360
Ion Ratio Lower Upper
212 100
106 17.4 11.3 16.9
104 9.1 6.4 9.6

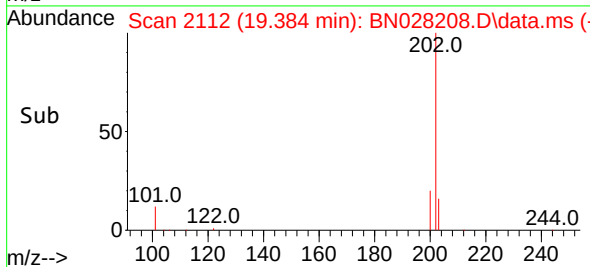
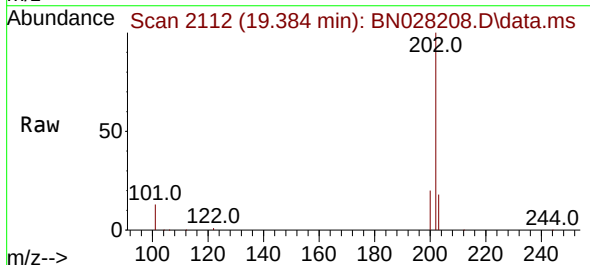
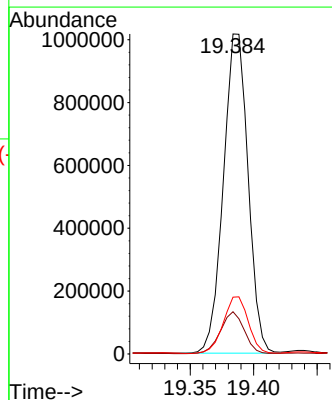
Manual Integrations
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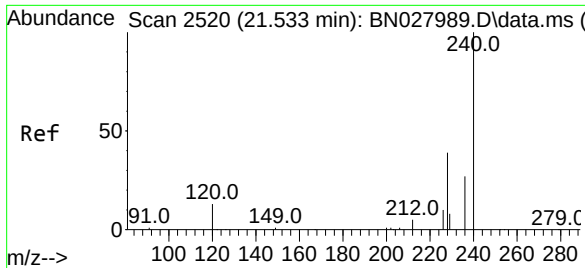
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#28
Fluoranthene
Concen: 33.774 ng
RT: 19.384 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

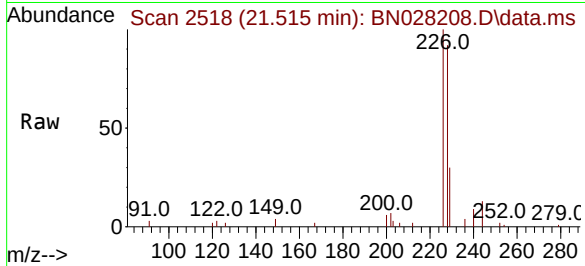
Tgt Ion:202 Resp: 1373117
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
203 17.9 13.8 20.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.515 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

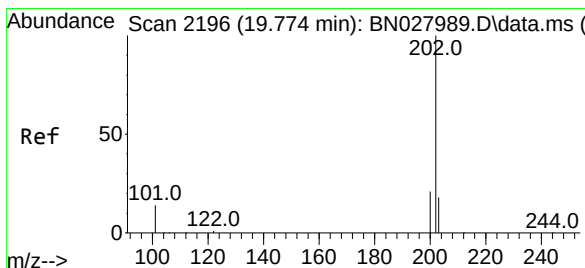
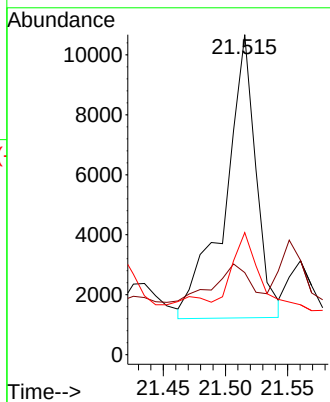
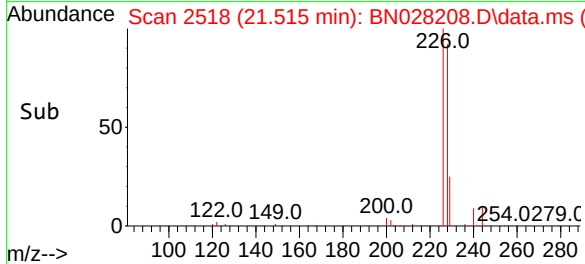
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



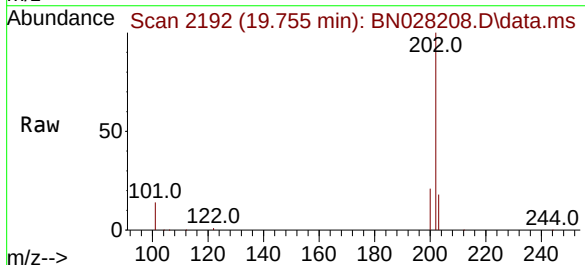
Tgt Ion:240 Resp: 1639
Ion Ratio Lower Upper
240 100
120 25.6 13.8 20.6
236 38.1 22.6 33.8

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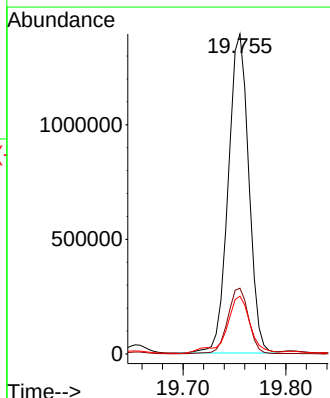
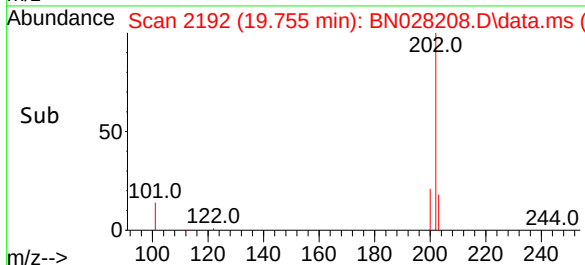
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

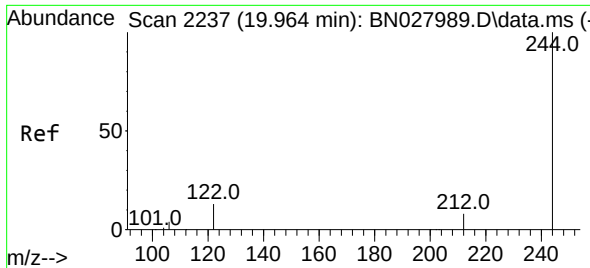


#30
Pyrene
Concen: 32.163 ng
RT: 19.755 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41



Tgt Ion:202 Resp: 1933624
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 20.3 14.7 22.1





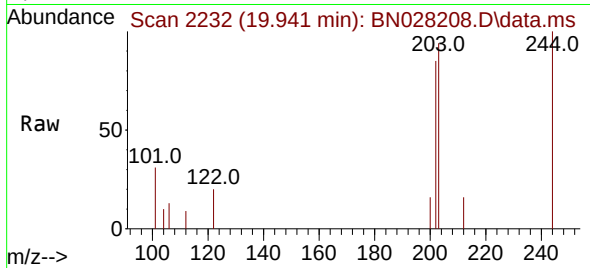
#31
 Terphenyl-d14
 Concen: 0.257 ng
 RT: 19.941 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN028208.D
 Acq: 10 Oct 2023 21:41

Instrument :

BNA_N

ClientSampleId :

S-3(0-5)MSD

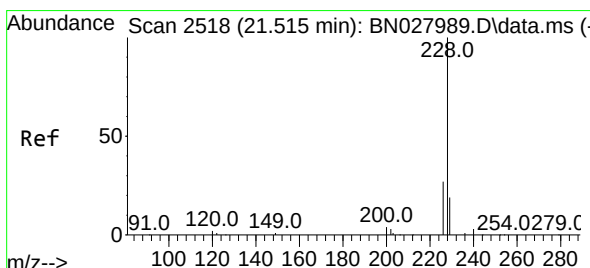
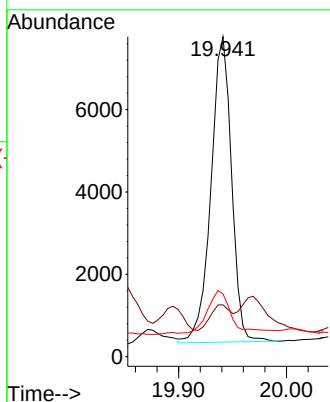
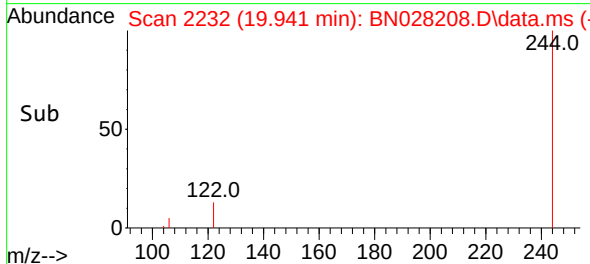


Tgt Ion:244 Resp: 9832
 Ion Ratio Lower Upper
 244 100
 212 16.2 6.6 9.8
 122 19.6 11.4 17.0

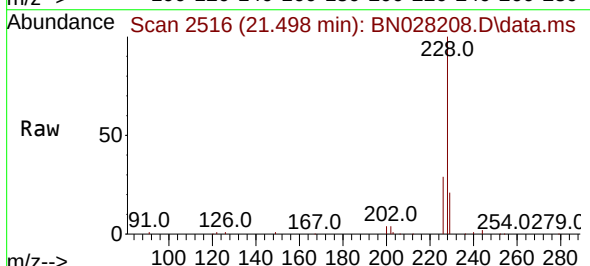
Manual Integrations

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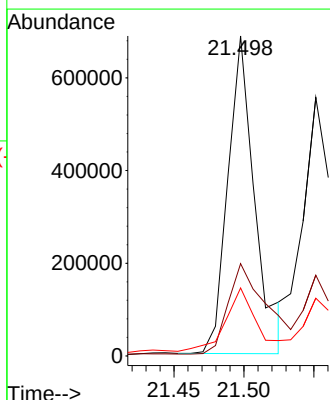
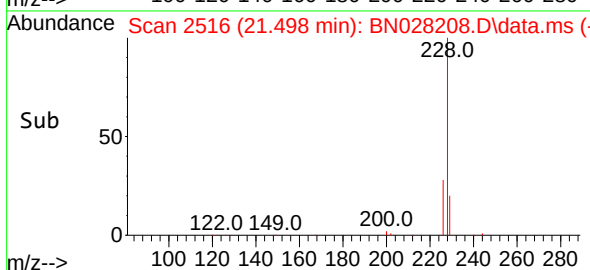
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

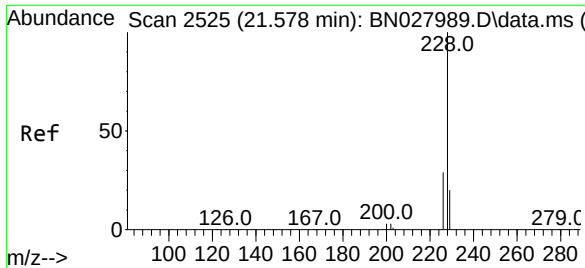


#32
 Benzo(a)anthracene
 Concen: 16.481 ng
 RT: 21.498 min Scan# 2516
 Delta R.T. 0.000 min
 Lab File: BN028208.D
 Acq: 10 Oct 2023 21:41



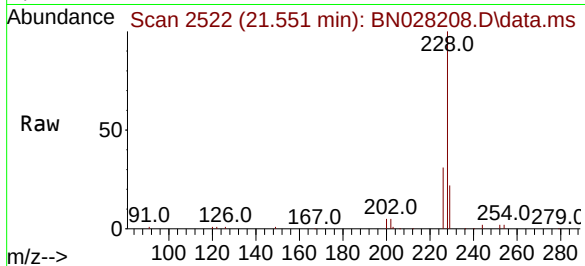
Tgt Ion:228 Resp: 919436
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.0 33.0
 229 21.3 16.0 24.0





#33
Chrysene
Concen: 14.625 ng
RT: 21.551 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

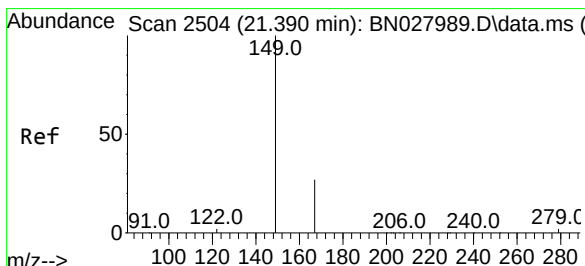
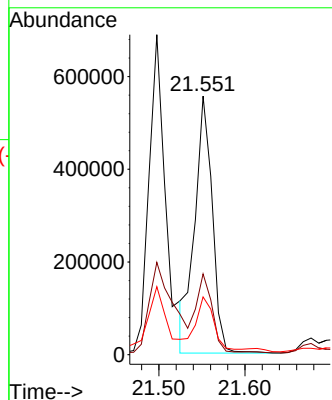
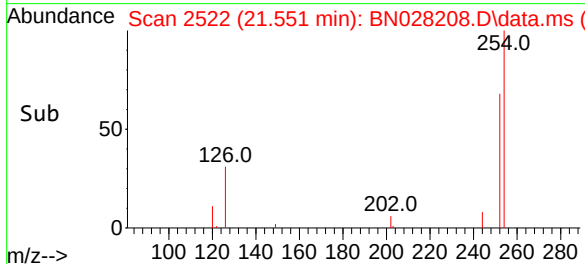
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



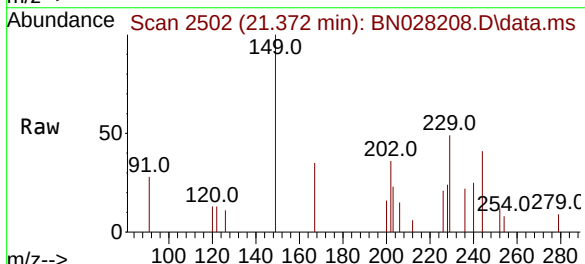
Tgt Ion:228 Resp: 78630
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.8
229 22.3 16.6 25.0

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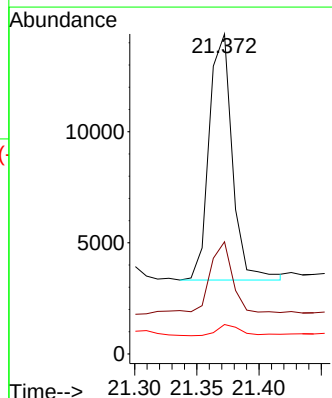
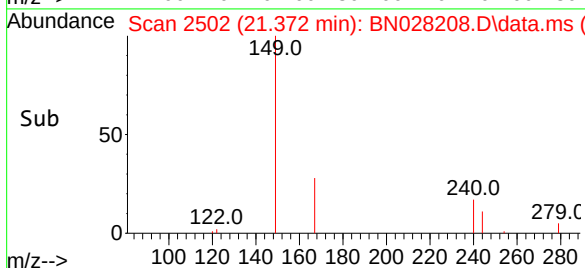
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

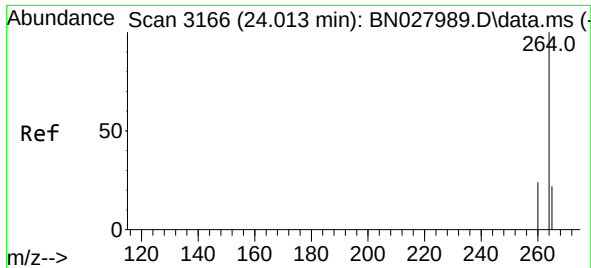


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.392 ng
RT: 21.372 min Scan# 2502
Delta R.T. 0.009 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41



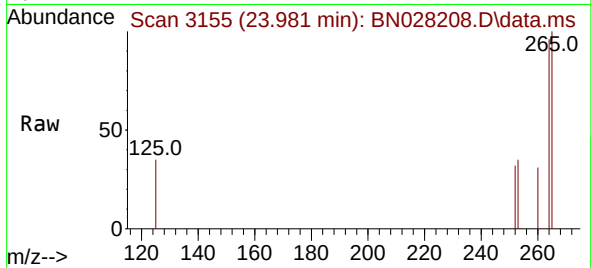
Tgt Ion:149 Resp: 14384
Ion Ratio Lower Upper
149 100
167 31.1 22.1 33.1
279 5.0 3.4 5.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.981 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

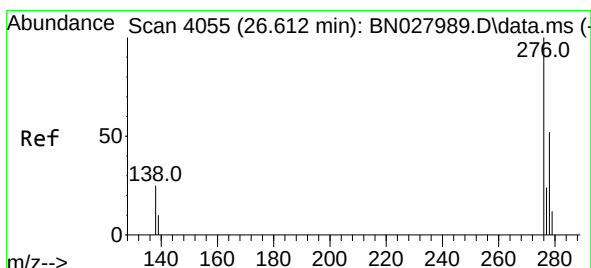
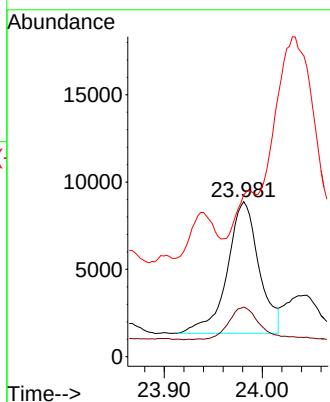
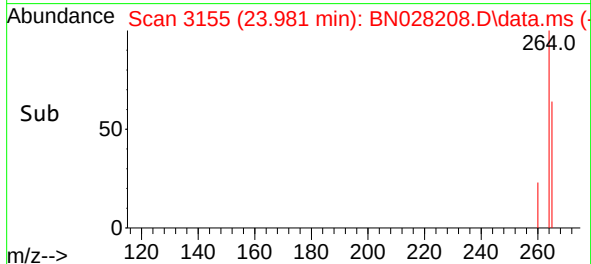
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion:264 Resp: 17029
Ion Ratio Lower Upper
264 100
260 31.9 20.2 30.4
265 104.4 54.8 82.2

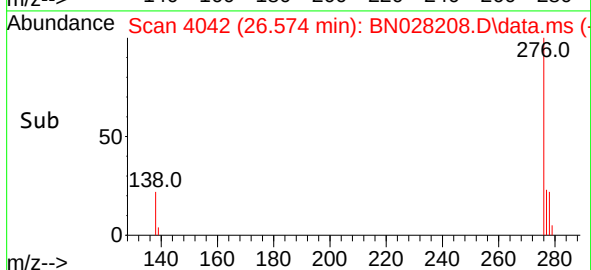
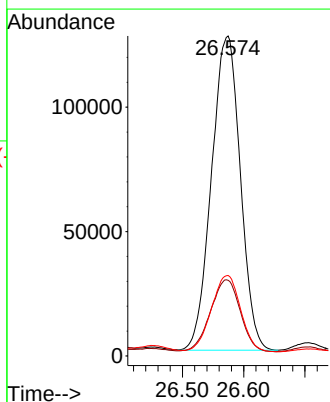
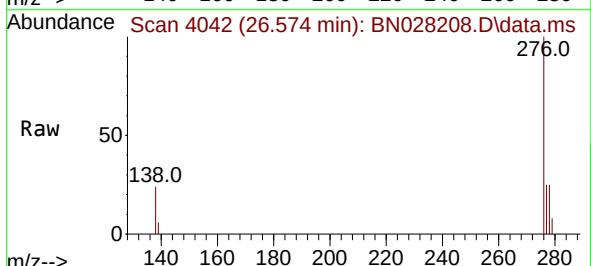
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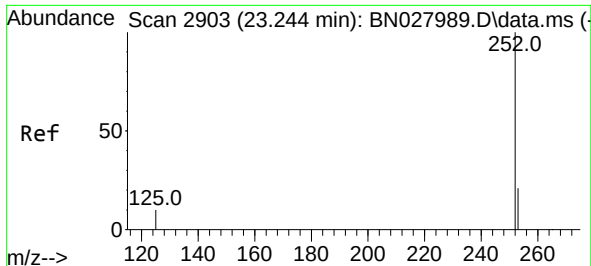
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#36
Indeno(1,2,3-cd)pyrene
Concen: 7.216 ng
RT: 26.574 min Scan# 4042
Delta R.T. 0.018 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

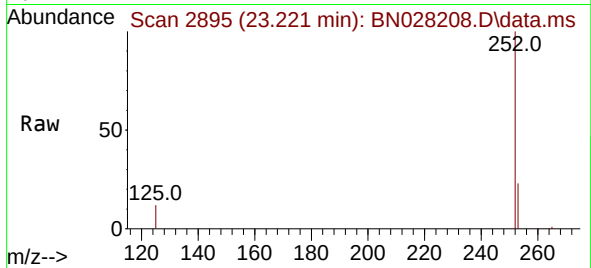
Tgt Ion:276 Resp: 413328
Ion Ratio Lower Upper
276 100
138 23.7 20.9 31.3
277 24.7 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 14.140 ng
RT: 23.221 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

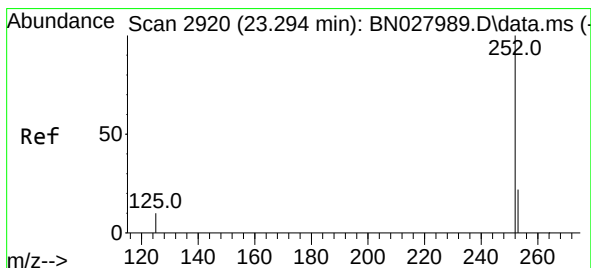
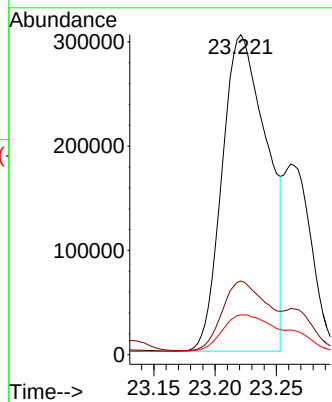
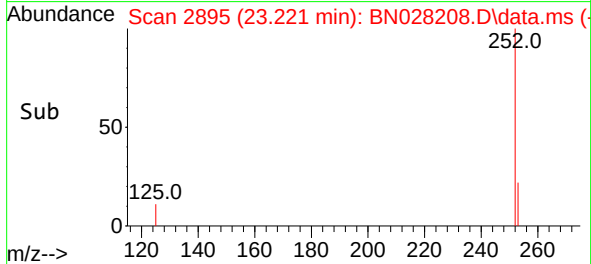
Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion:252 Resp: 777652
Ion Ratio Lower Upper
252 100
253 23.0 22.9 34.3
125 12.4 13.8 20.8

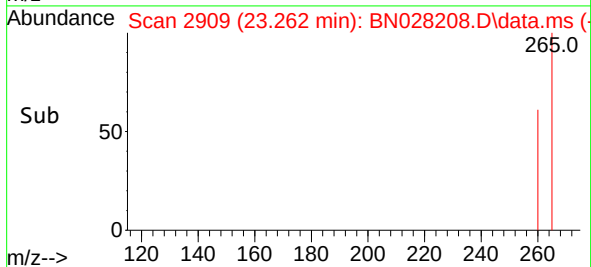
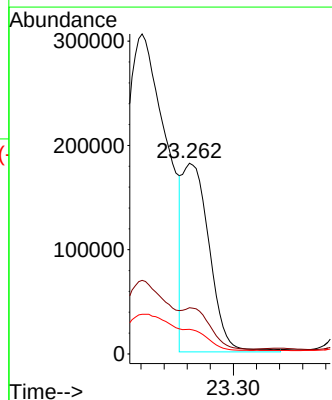
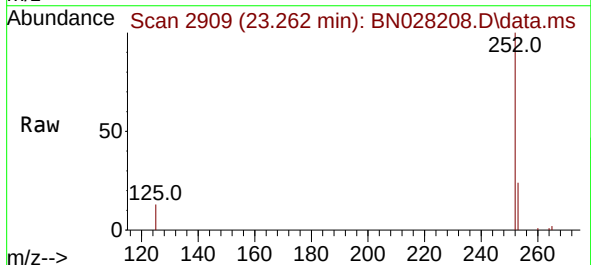
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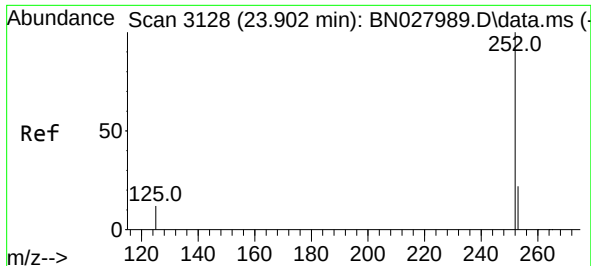
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#38
Benzo(k)fluoranthene
Concen: 5.267 ng m
RT: 23.262 min Scan# 2909
Delta R.T. 0.000 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

Tgt Ion:252 Resp: 293798
Ion Ratio Lower Upper
252 100
253 24.2 23.1 34.7
125 12.9 13.8 20.8





#39

Benzo(a)pyrene

Concen: 14.375 ng m

RT: 23.873 min Scan# 31

Delta R.T. 0.009 min

Lab File: BN028208.D

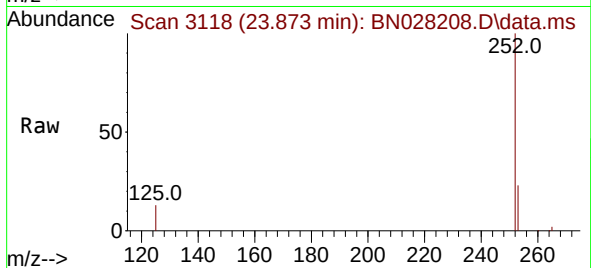
Acq: 10 Oct 2023 21:41

Instrument :

BN028208.D

ClientSampleId :

S-3(0-5)MSD



Tgt Ion:252 Resp: 74757

Ion Ratio Lower Upper

252 100

253 23.0 25.0 37.4

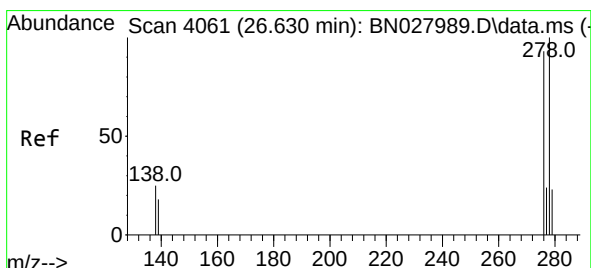
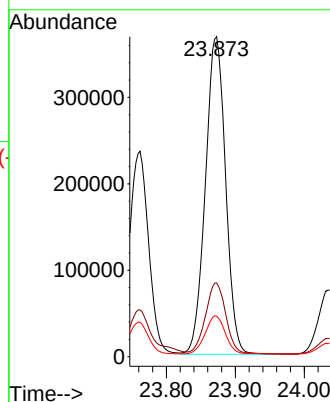
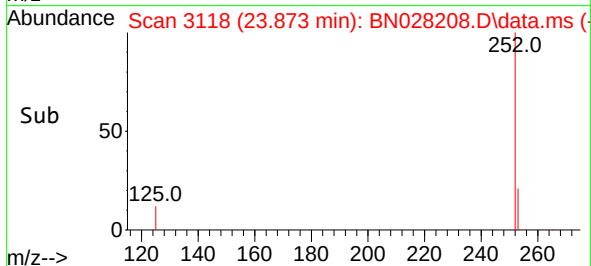
125 12.6 16.6 24.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#40

Dibenzo(a,h)anthracene

Concen: 2.926 ng

RT: 26.580 min Scan# 4044

Delta R.T. 0.003 min

Lab File: BN028208.D

Acq: 10 Oct 2023 21:41

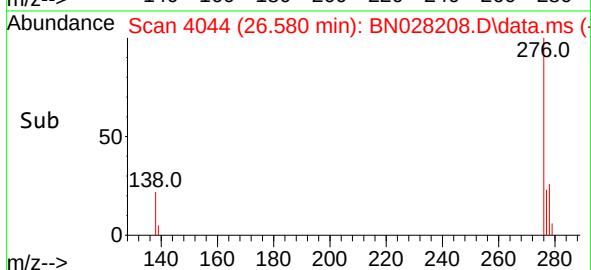
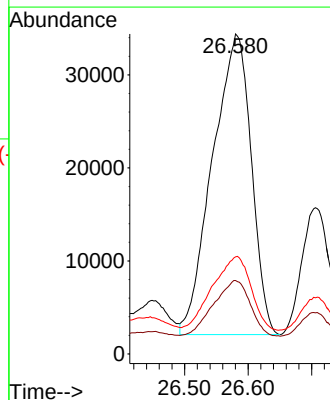
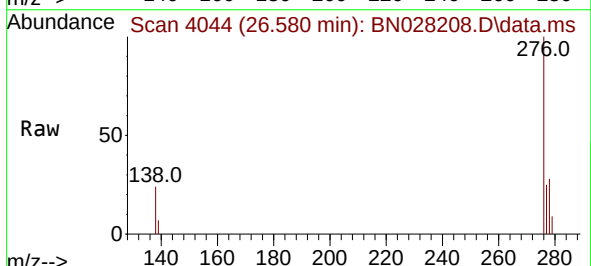
Tgt Ion:278 Resp: 137112

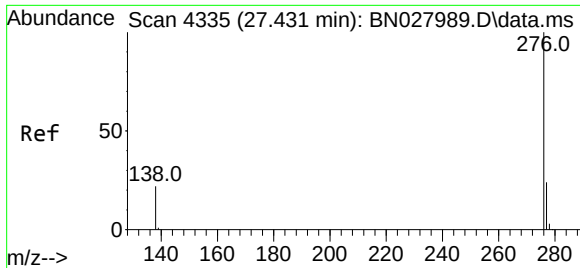
Ion Ratio Lower Upper

278 100

139 23.0 17.7 26.5

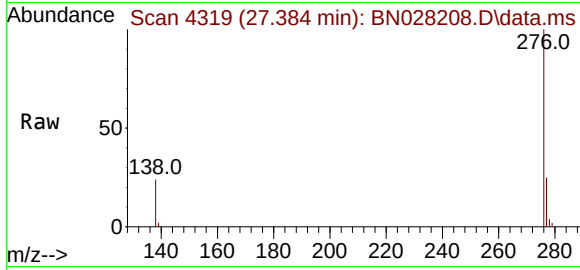
279 30.4 25.2 37.8





#41
Benzo(g,h,i)perylene
Concen: 9.106 ng
RT: 27.384 min Scan# 41
Delta R.T. 0.018 min
Lab File: BN028208.D
Acq: 10 Oct 2023 21:41

Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD



Tgt Ion:276 Resp: 437968
Ion Ratio Lower Upper
276 100
277 24.6 22.1 33.1
138 24.0 20.8 31.2

Manual Integrations
APPROVED

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

